U.S. Department
of Transportation

800 Independence Ave., S.W.
Washington, D.C. 20591

**Federal Aviation
Administration**

Transmittal Letter 15-04 **January 2, 2015**

**PREPARED BY THE PRODUCT SUPPORT GROUP, AJV-34
(AVAILABLE ON THE WEB AT HTTP://NFDC.FAA.GOV)**

The enclosed Standard Instrument Approach Procedures, Departure Procedures/Takeoff Minimums and Fix Actions are effective as indicated.

The following are corrected copies of procedures previously published in TL 15-03 on December 19, 2014

Oakland, CA, Metropolitan Oakland Intl, ILS OR LOC RWY 12, ILS RWY 12 (SA CAT I), Amdt 8

The following procedures, previously published in TL 15-03, effective March 5, 2015 have been rescinded in their entirety.

Loup City, NE, Loup City Muni, RNAV (GPS) RWY 16, Orig
Loup City, NE, Loup City Muni, RNAV (GPS) RWY 34, Orig

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RAIDR (IAF)	ALCAT (FB)	138.35 / 12.40	2900
ALCAT INT/OAK 12.53 DME (IF)	PLAZA INT/OAK 6.45 DME	115.99 / 6.10 (I-AAZ)	1800

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 15-03

MISSED APPROACH

ILS: DA
LOC: 5.95 MILES AFTER PLAZA INT/OAK 6.45 DME

CLIMB ON HEADING 115.99 AND ON OAK VORTAC R-131 TO CROSS HISIS/OAK 2.77 DME AT OR BELOW 1600 THEN CLIMB TO 5100 ON HEADING 090 AND ON OAK VORTAC R-114 TO DECOT INT/OAK 11.00 DME/RADAR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5100, OR AS DIRECTED BY ATC.
(SEE FORM 8260-10)

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ALCAT
3. FAC: 115.99 FAF: PLAZA INT/OAK 6.45 DME DIST FAF TO MAP: 5.95 THLD: 5.95
4. MIN. ALT: ALCAT 2900, PLAZA 1800
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: 1988 100 HAT: - GS ANT: 1145
6. MIN GS INCPT: 1800 GS ALT AT: PLAZA 1800 OM: - MM: - IM: -
7. GS ANGLE: 2.75 TCH: 55.0
8. MSA FROM: OAK VORTAC 170-350 3800, 350-170 5000

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 293.73 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING HOLD E, SJC VOR/DME, LT, 286.00 INBOUND
FAS OBST: 208 SHIP 374500N/1221700W
CHART IN PLANVIEW: SJC VOR/DME.
CHART CIRCLING ICON.
CHART MAXIMUM 1600 AT HISIS.
CHART MANDATORY 1800 AT PLAZA.
CHART MANDATORY 5000 AT RAIDR.

MAG VAR: 14E EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A ILS: STANDARD # LOC: STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 12 **	209	2400	200	209	2400	200	209	2400	200	209	2400	200			
S-LOC 12	460	2400	451	460	2400	451	460	4500	451	460	4500	451			
CIRCLING	560	1	551	560	1	551	660	1 3/4	651	1400	3	1391			

NOTES:
SA CATEGORY I ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 12: CAT A, B, C, D, RA 153, RVR 2400, HAT 150, DA 159 MSL.
CHART NOTE: DME REQUIRED.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.
(SEE FORM 8260-10)

CAT C 700-2, CAT D 1400-3
@ CAT D 1400-3

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 9 TDZE: 9 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
OAKLAND, CA	METROPOLITAN OAKLAND INTL	I-AAZ	ILS OR LOC RWY 12, AMDT 8, 03/05/2015 ILS RWY 12 (SA CAT I)	AMDT: 7A DATED 07/24/2014

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

MISSED APPROACH INSTRUCTIONS, (CONT.):
ALTERNATE MA: CLIMB ON HEADING 115.99 AND ON OAK VORTAC R-131 TO CROSS HISIS/OAK 2.77 DME AT OR BELOW 1600 THEN CLIMB TO 4000 DIRECT SJC VOR/DME AND HOLD.

NOTES, (CONT.):
CHART PLANVIEW NOTE: GPS REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART NOTE: **RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 9 TDZE: 9	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OAKLAND, CA	AIRPORT NAME: METROPOLITAN OAKLAND INTL	I-AAZ	ILS OR LOC RWY 12, AMDT 8, 03/05/2015 ILS RWY 12 (SA CAT I)	AMDT: 7A DATED: 07/24/2014

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - ILS

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        NLC   K2011330 THW                    NLC N36203882W119575880E0140002282     NARLEMOORE
        SUSAD        OAK   K2011680VTHA N37433332W122132491    N37433332W122132491E0170000132     NAROAKLAND

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   DECOT K20    C   L N37362173W122025549                    E0137     NAR           DECOT
        SUSAEAENRT   RAIDR K20    W   B N38015700W122332700                    E0139     NAR           RAIDR

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOAKK2AOAK     0     105YHN37431686W122131625E014000009         1800018000C    MNAR    METROPOLITAN OAKLAND INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOAKK2CALCAT K20    C     N37505679W122261093                    E0138     NAR           ALCAT
        SUSAP KOAKK2CHISIS K20    C     N37411305W122113289                    E0138     NAR           HISIS
        SUSAP KOAKK2CPLAZA K20    C     N37470174W122201659                    E0138     NAR           PLAZA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOAKK2FI12   ARAIDR 010RAIDRK2EA0E  A    IF                                  05000     18000                0 PS
        SUSAP KOAKK2FI12   ARAIDR 020RAIDRK2EA0E       FC NLC K2      2959160213840104D   + 02900                          0 PS
        SUSAP KOAKK2FI12   ARAIDR 030ALCATK2PC0EE B    CF IAAZK2      2960013913840020PI  + 02900                          0 PS
        SUSAP KOAKK2FI12   I      010ALCATK2PC0E  I    IF IAAZK2      29600139        PI  J 029000180018000                0 DS
        SUSAP KOAKK2FI12   I      020PLAZAK2PC0E  F    CF IAAZK2      2960007811600061PI  G 0180001800        -275OAK   K2D 0 DS
        SUSAP KOAKK2FI12   I      030RW12 K2PG0GY M    CF IAAZK2      2960001811600060PI    00064             -275          0 DS
        SUSAP KOAKK2FI12   I      040         0  M     VI                    1160                                          0 DS
        SUSAP KOAKK2FI12   I      050HISISK2PC0E       CF OAK K2      1306002813060030D   - 01600                          0 DS
        SUSAP KOAKK2FI12   I      060         0        VI                    0900                                          0 DS
        SUSAP KOAKK2FI12   I      070DECOTK2EA0EY      CF OAK K2      1137011011370060D   + 05100                          0 DS
        SUSAP KOAKK2FI12   I      080DECOTK2EA0EE  L   HM                    2937T010    + 05100                          0 DS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOAKK2GRW12    0105201160 N37431222W122143161+0004    -0029900009000055150IIAAZ1
```

QUALITY 12 CHECKED

CITY AND STATE	ELEVATION: **9** **TDZE: 9**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
OAKLAND, CA	AIRPORT NAME: **METROPOLITAN OAKLAND INTL**	**I-AAZ**	**ILS OR LOC RWY 12, AMDT 8, 03/05/2015** **ILS RWY 12 (SA CAT I)**	AMDT: **7A** DATED: **07/24/2014**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOAKK2IIAAZ1   011190RW12 N37420225W1221246651160N37430293W1221422820490 11450364275E01405500003
_____________________________________________________________________________________________________________________________________
                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOAKK2SOAK  K2D                 0   1703500502535017003825                                                          M
```

QUALITY 12 CHECKED

CITY AND STATE	ELEVATION: 9 TDZE: 9	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
OAKLAND, CA	AIRPORT NAME: METROPOLITAN OAKLAND INTL	I-AAZ	ILS OR LOC RWY 12, AMDT 8, 03/05/2015 ILS RWY 12 (SA CAT I)	AMDT: 7A DATED: 07/24/2014

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RAIDR	RAIDR	010	IAF	IF		FB				AT 05000	
	RAIDR	RAIDR	020		FC		FB		138.4()	010.4	AA 02900	
	RAIDR	ALCAT	030		CF		FB		138.4()	002.0	AA 02900	
		ALCAT	010	FACF	IF		FB				AA 02900 GI 01800	
		PLAZA	020	FAF	CF		FB		116.0()	006.1	GI 01800 GS 01800	
		RW12	030	MAP	CF		FO		116.0()	006.0	AT 00064	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		VI		FB		116.0()			
	HISIS	050		CF		FB		130.6()	003.0	AB 01600	
		060		VI		FB		090.0()			
	DECOT	070		CF		FO		113.7()	006.0	AA 05100	
	DECOT	080		HM	L	FO		293.7()	T01.0	AA 05100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	NLC (DME)	N362038.82	W1195758.80	N3620.647	W11957.980
	OAK	N374333.32	W1221324.91	N3743.555	W12213.415
	DECOT	N373621.73	W1220255.49	N3736.362	W12202.925
	RAIDR	N380157.00	W1223327.00	N3801.950	W12233.450
	ALCAT	N375056.79	W1222610.93	N3750.947	W12226.182
	HISIS	N374113.05	W1221132.89	N3741.218	W12211.548
	PLAZA	N374701.74	W1222016.59	N3747.029	W12220.277
	RW12	N374312.22	W1221431.61	N3743.204	W12214.527
	IAAZ (LOC)	N374202.25	W1221246.65	N3742.038	W12212.778

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW12	00009	55

QUALITY 12 CHECKED

CITY AND STATE	ELEVATION: **9** **TDZE: 9**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
OAKLAND, CA	AIRPORT NAME: **METROPOLITAN OAKLAND INTL**	**I-AAZ**	**ILS OR LOC RWY 12, AMDT 8, 03/05/2015** **ILS RWY 12 (SA CAT I)**	AMDT: **7A** DATED: **07/24/2014**

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ARINC PACKET - 424-18 - LOC

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        NLC   K2011330 THW                    NLC N36203882W119575880E0140002282     NARLEMOORE
        SUSAD        OAK   K2011680VTHA N37433332W122132491    N37433332W122132491E0170000132     NAROAKLAND

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   DECOT K20    C   L N37362173W122025549                    E0137     NAR           DECOT
        SUSAEAENRT   RAIDR K20    W   B N38015700W122332700                    E0139     NAR           RAIDR

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOAKK2AOAK     0     105YHN37431686W122131625E014000009         1800018000C    MNAR    METROPOLITAN OAKLAND INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOAKK2CALCAT K20    C     N37505679W122261093                    E0138     NAR           ALCAT
        SUSAP KOAKK2CHISIS K20    C     N37411305W122113289                    E0138     NAR           HISIS
        SUSAP KOAKK2CPLAZA K20    C     N37470174W122201659                    E0138     NAR           PLAZA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOAKK2FL12   ARAIDR 010RAIDRK2EA0E  A    IF                                  05000     18000                0 PS
        SUSAP KOAKK2FL12   ARAIDR 020RAIDRK2EA0E       FC NLC K2      2959160213840104D   + 02900                          0 PS
        SUSAP KOAKK2FL12   ARAIDR 030ALCATK2PC0EE B    CF IAAZK2      2960013913840020PI  + 02900                          0 PS
        SUSAP KOAKK2FL12   L      010ALCATK2PC0E  I    IF IAAZK2      29600139        PI  + 02900     18000                0 DS
        SUSAP KOAKK2FL12   L      020PLAZAK2PC0E  F    CF IAAZK2      2960007811600061PI    01800                OAK   K2D 0 DS
        SUSAP KOAKK2FL12   L      030RW12 K2PG0GY M    CF IAAZK2      2960001811600060PI    00064          -276               0 DS
        SUSAP KOAKK2FL12   L      040         0  M     VI                    1160                                           0 DS
        SUSAP KOAKK2FL12   L      050HISISK2PC0E       CF OAK K2      1306002813060030D   - 01600                          0 DS
        SUSAP KOAKK2FL12   L      060         0        VI                    0900                                           0 DS
        SUSAP KOAKK2FL12   L      070DECOTK2EA0EY      CF OAK K2      1137011011370060D   + 05100                          0 DS
        SUSAP KOAKK2FL12   L      080DECOTK2EA0EE  L   HM                    2937T010    + 05100                          0 DS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOAKK2GRW12    0105201160 N37431222W122143161+0004    -0029900009000055150IIAAZ1
```

QUALITY 12 CHECKED

CITY AND STATE	ELEVATION: **9** **TDZE: 9**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
OAKLAND, CA	AIRPORT NAME: **METROPOLITAN OAKLAND INTL**	**I-AAZ**	**ILS OR LOC RWY 12, AMDT 8, 03/05/2015** **ILS RWY 12 (SA CAT I)**	AMDT: **7A**
				DATED: **07/24/2014**

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```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KOAKK2IIAAZ1   011190RW12 N37420225W1221246651160N37430293W1221422820490 11450364275E01405500003

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KOAKK2SOAK  K2D                0   1703500502535017003825                                                          M
```

QUALITY 12 CHECKED

CITY AND STATE	ELEVATION: **9** **TDZE: 9**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
OAKLAND, CA	AIRPORT NAME: **METROPOLITAN OAKLAND INTL**	**I-AAZ**	**ILS OR LOC RWY 12, AMDT 8, 03/05/2015** **ILS RWY 12 (SA CAT I)**	AMDT: **7A** DATED: **07/24/2014**

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ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RAIDR	RAIDR	010	IAF	IF		FB				AT 05000	
	RAIDR	RAIDR	020		FC		FB		138.4()	010.4	AA 02900	
	RAIDR	ALCAT	030		CF		FB		138.4()	002.0	AA 02900	
		ALCAT	010	FACF	IF		FB				AA 02900	
		PLAZA	020	FAF	CF		FB		116.0()	006.1	AT 01800	
		RW12	030	MAP	CF		FO		116.0()	006.0	AT 00064	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		VI		FB		116.0()			
	HISIS	050		CF		FB		130.6()	003.0	AB 01600	
		060		VI		FB		090.0()			
	DECOT	070		CF		FO		113.7()	006.0	AA 05100	
	DECOT	080		HM	L	FO		293.7()	T01.0	AA 05100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	NLC (DME)	N362038.82	W1195758.80	N3620.647	W11957.980
	OAK	N374333.32	W1221324.91	N3743.555	W12213.415
	DECOT	N373621.73	W1220255.49	N3736.362	W12202.925
	RAIDR	N380157.00	W1223327.00	N3801.950	W12233.450
	ALCAT	N375056.79	W1222610.93	N3750.947	W12226.182
	HISIS	N374113.05	W1221132.89	N3741.218	W12211.548
	PLAZA	N374701.74	W1222016.59	N3747.029	W12220.277
	RW12	N374312.22	W1221431.61	N3743.204	W12214.527
	IAAZ (LOC)	N374202.25	W1221246.65	N3742.038	W12212.778

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW12	00009	55

QUALITY 12 CHECKED

CITY AND STATE	ELEVATION: **9** **TDZE: 9**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
OAKLAND, CA	AIRPORT NAME: **METROPOLITAN OAKLAND INTL**	**I-AAZ**	**ILS OR LOC RWY 12, AMDT 8, 03/05/2015** **ILS RWY 12 (SA CAT I)**	AMDT: **7A** DATED: **07/24/2014**

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30997; Amdt. No. 3625]

Standard Instrument Approach Procedures, and Takeoff Minimums and Obstacle Departure Procedures; Miscellaneous Amendments

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: This rule establishes, amends, suspends, or removes Standard Instrument Approach Procedures (SIAPs) and associated Takeoff Minimums and Obstacle Departure Procedures (ODPs) for operations at certain airports. These regulatory actions are needed because of the adoption of new or revised criteria, or because of changes occurring in the National Airspace System, such as the commissioning of new navigational facilities, adding new obstacles, or changing air traffic requirements. These changes are designed to provide safe and efficient use of the navigable airspace and to promote safe flight operations under instrument flight rules at the affected airports.

DATES: This rule is effective [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER]. The compliance date for each SIAP, associated Takeoff Minimums, and ODP is specified in the amendatory provisions.

The incorporation by reference of certain publications

listed in the regulations is approved by the Director of the Federal Register as of [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER].

ADDRESSES: Availability of matters incorporated by reference in the amendment is as follows:

For Examination

1. U.S. Department of Transportation, Docket Ops-M30, 1200 New Jersey Avenue SE, West Bldg., Ground Floor, Washington, D.C., 20590-0001.

2. The FAA Air Traffic Organization Service Area in which the affected airport is located;

3. The office of Aeronautical Navigation Products, 6500 South MacArthur Blvd., Oklahoma City, OK 73169 or,

4. The National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

Availability

All SIAPs and Takeoff Minimums and ODPs are available online free of charge. Visit the National Flight Data Center at nfdc.faa.gov to register. Additionally, individual SIAP and Takeoff Minimums and ODP copies may be obtained from the FAA Air Traffic Organization Service Area in which the affected airport is located.

FOR FURTHER INFORMATION CONTACT: Richard A. Dunham III, Flight Procedure Standards Branch (AFS-420), Flight Technologies and Programs Divisions, Flight Standards Service, Federal Aviation Administration, Mike Monroney Aeronautical Center, 6500 South MacArthur Blvd. Oklahoma City, OK. 73169 (Mail Address: P.O. Box 25082, Oklahoma City, OK 73125) Telephone: (405) 954-4164.

SUPPLEMENTARY INFORMATION:

This rule amends Title 14 of the Code of Federal Regulations, Part 97 (14 CFR part 97), by establishing, amending, suspending, or removes SIAPS, Takeoff Minimums and/or ODPS. The complete regulatory description of each SIAP and its associated Takeoff Minimums or ODP for an identified airport is listed on FAA form documents which are incorporated by reference in this amendment under 5 U.S.C. 552(a), 1 CFR part 51, and 14 CFR part §97.20. The applicable FAA forms are FAA Forms 8260-3, 8260-4, 8260-5, 8260-15A, and 8260-15B when required by an entry on 8260-15A.

The large number of SIAPs, Takeoff Minimums and ODPs, their complex nature, and the need for a special format make publication in the **Federal Register** expensive and impractical. Further, airmen do not use the regulatory text of the SIAPs, Takeoff Minimums or ODPs, but instead refer to their graphic depiction on charts printed by publishers of aeronautical materials. Thus, the advantages of incorporation by reference are realized and publication of the complete description of each

SIAP, Takeoff Minimums and ODP listed on FAA form documents is unnecessary. This amendment provides the affected CFR sections and specifies the types of SIAPs, Takeoff Minimums and ODPs with their applicable effective dates. This amendment also identifies the airport and its location, the procedure, and the amendment number.

Availability and Summary of Material Incorporated by Reference

The material incorporated by reference is publicly available as listed in the ADDRESSES section.

The material incorporated by reference describes SIAPS, Takeoff Minimums and/or ODPS as identified in the amendatory language for part 97 of this final rule.

The Rule

This amendment to 14 CFR part 97 is effective upon publication of each separate SIAP, Takeoff Minimums and ODP as Amended in the transmittal. Some SIAP and Takeoff Minimums and textual ODP amendments may have been issued previously by the FAA in a Flight Data Center (FDC) Notice to Airmen (NOTAM) as an emergency action of immediate flight safety relating directly to published aeronautical charts.

The circumstances that created the need for some SIAP and Takeoff Minimums and ODP amendments may require making them effective in less than 30 days. For the remaining SIAPs and Takeoff Minimums and ODPs, an effective date at least 30 days after publication is provided.

Further, the SIAPs and Takeoff Minimums and ODPs contained in this amendment are based on the criteria contained in the U.S. Standard for Terminal Instrument Procedures (TERPS). In developing these SIAPs and Takeoff Minimums and ODPs, the TERPS criteria were applied to the conditions existing or anticipated at the affected airports. Because of the close and immediate relationship between these SIAPs, Takeoff Minimums and ODPs, and safety in air commerce, I find that notice and public procedure under 5 U.S.C. 553(b) are impracticable and contrary to the public interest and, where applicable, under 5 U.S.C 553(d), good cause exists for making some SIAPs effective in less than 30 days.

The FAA has determined that this regulation only involves an established body of technical regulations for which frequent and routine amendments are necessary to keep them operationally current. It, therefore—-(1) is not a “significant regulatory action” under Executive Order 12866;(2) is not a “significant rule” under DOT Regulatory Policies and Procedures (44 FR 11034; February 26,1979) ; and (3)does not warrant preparation of a regulatory evaluation as the anticipated impact is so minimal. For the same reason, the FAA certifies that this amendment will not have a significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

List of Subjects in 14 CFR part 97:

Air Traffic Control, Airports, Incorporation by reference, Navigation (Air).

Issued in Washington, DC on **JANUARY 2, 2015**.

John Duncan
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

Accordingly, pursuant to the authority delegated to me, Title 14, Code of Federal Regulations, Part 97 (14 CFR part 97) is amended by establishing, amending, suspending, or removing Standard Instrument Approach Procedures and/or Takeoff Minimums and Obstacle Departure Procedures effective at 0901 UTC on the dates specified, as follows:

Part 97—Standard Instrument Approach Procedures

1. The authority citation for part 97 continues to read as follows:

AUTHORITY: 49 U.S.C. 106(g), 40103, 40106, 40113, 40114, 40120, 44502, 44514, 44701, 44719, 44721-44722.

2. Part 97 is amended to read as follows:

Effective 5 FEBRUARY 2015

Fort Lauderdale, FL, Fort Lauderdale Executive, ILS OR LOC RWY 9, Amdt 5A
Fort Lauderdale, FL, Fort Lauderdale Executive, RNAV (GPS) RWY 9, Amdt 2A
Fort Lauderdale, FL, Fort Lauderdale Executive, RNAV (GPS) RWY 27, Amdt 2B
Orlando, FL, Orlando Intl, ILS OR LOC RWY 17L, ILS RWY 17L (CAT II), ILS RWY 17L (SA CAT I), Amdt 2
Orlando, FL, Orlando Intl, ILS OR LOC RWY 18R, Amdt 10
Orlando, FL, Orlando Intl, ILS OR LOC RWY 35L, ILS RWY 35L (CAT II), ILS RWY 35L (CAT III), ILS RWY 35L (SA CAT I), Amdt 7
Orlando, FL, Orlando Intl, ILS OR LOC RWY 35R, ILS RWY 35R (CAT II), ILS RWY 35R (SA CAT I), Amdt 2
Orlando, FL, Orlando Intl, ILS OR LOC RWY 36R, ILS RWY 36R (CAT II), ILS RWY 36R (CAT III), ILS RWY 36R (SA CAT I), Amdt 10
Orlando, FL, Orlando Intl, RNAV (GPS) RWY 17L, Amdt 1
Orlando, FL, Orlando Intl, RNAV (GPS) RWY 17R, Orig-C
Orlando, FL, Orlando Intl, RNAV (GPS) RWY 18L, Amdt 1
Orlando, FL, Orlando Intl, RNAV (GPS) RWY 18R, Amdt 1
Orlando, FL, Orlando Intl, RNAV (GPS) RWY 35L, Amdt 1
Orlando, FL, Orlando Intl, RNAV (GPS) RWY 35R, Amdt 1
Orlando, FL, Orlando Intl, RNAV (GPS) RWY 36L, Amdt 1
Orlando, FL, Orlando Intl, RNAV (GPS) RWY 36R, Amdt 1
Punta Gorda, FL, Punta Gorda, VOR RWY 4, Orig
Fort Stewart (Hinesville), GA, Wright AAF (Fort Stewart)/ Midcoast Rgnl, NDB RWY 33R, Orig-B
Fort Stewart (Hinesville), GA, Wright AAF (Fort Stewart)/ Midcoast Rgnl, RNAV (GPS) RWY 6L, Orig-B
Fort Stewart (Hinesville), GA, Wright AAF (Fort Stewart)/ Midcoast Rgnl, RNAV (GPS) RWY 33R, Orig-B
Helena, MT, Helena Rgnl, ILS OR LOC Z RWY 27, Amdt 2
Brookneal, VA, Brookneal/Campbell County, RNAV (GPS) RWY 6, Orig
Brookneal, VA, Brookneal/Campbell County, RNAV (GPS) RWY 24, Amdt 1

Effective 5 MARCH 2015

Webster City, IA, Webster City Muni, RNAV (GPS) RWY 14, Orig
Webster City, IA, Webster City Muni, RNAV (GPS) RWY 32, Amdt 2
Frederick, MD, Frederick Muni, Takeoff Minimums and Obstacle DP, Amdt 4
Memphis, TN, Memphis Intl, ILS OR LOC RWY 18R, Amdt 14C
Memphis, TN, Memphis Intl, RNAV (GPS) Z RWY 18R, Amdt 2C
Memphis, TN, Memphis Intl, RNAV (RNP) X RWY 18R, Orig-D
Memphis, TN, Memphis Intl, RNAV (RNP) Y RWY 18R, Orig-D
Denton, TX, Denton Muni, RNAV (GPS) RWY 18, Orig-A

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ENVER INT (IF/IAF)	PADDS INT/RADAR	090.78 / 6.14 (I-FXE)	2000

MISSED APPROACH

ILS: DA
LOC: 6.07 MILES AFTER PADDS INT/RADAR

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2100 ON HEADING 285 AND ON VKZ VOR/DME R-348 TO SHANC INT/VKZ 35.00 DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2100 ON HEADING 285 AND ON FLL VOR/DME R-333.96 TO SHANC INT/FLL 16.96 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 168.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW SHANC INT/FLL 16.96 DME, RT, 153.96 INBOUND.
CHART FAS OBST: 105 TREE 261145N/0801131W
CHART A-291A.
CHART A-291B.
CHART A-291C.
*LOC ONLY.
CHART CIRCLING ICON.
CHART IN PLANVIEW ONLY: FLL VOR/DME 14.28 DME AT ENVER.
CHART KPMP

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W ENVER, LT, 090.78 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC: 090.78 FAF: PADDS INT/RADAR DIST FAF TO MAP: 6.07 THLD: 6.07
4. MIN. ALT: ENVER 2000, PADDS 2000, TRUBE 480*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1049
6. MIN GS INCPT: 2000 GS ALT AT: PADDS 2000 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 55.4
8. MSA FROM: FLL VOR/DME 2100

MAG VAR: 7W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: STANDARD # LOC: STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 09	213	1/2	200	213	1/2	200	213	1/2	200	213	1/2	200			
S-LOC 09	480	1/2	467	480	1/2	467	480	1	467	480	1	467			
CIRCLING	520	1	507	620	1	607	780	2 1/4	767	780	2 1/2	767			
TRUBE FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED)															
S-LOC 09	360	1/2	347	360	1/2	347	360	5/8	347	360	5/8	347			
CIRCLING	520	1	507	620	1	607	780	2 1/4	767	780	2 1/2	767			

NOTES:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT LAUDERDALE/HOLLYWOOD INTL ALTIMETER SETTING AND INCREASE S-ILS-8 DA TO 231 AND INCREASE ALL MDA 20 FEET.
*500 WHEN USING FORT LAUDERDALE/HOLLYWOOD INTL ALTIMETER SETTING.
CHART PLANVIEW NOTE: NO PT FOR ARRIVAL AT ENVER ON V267-437 SOUTHEAST BOUND.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CAT B 700-2, CAT C 800-21/4, CAT D 800 2 1/2.
@ CAT C 800-2 1/4, CAT D 800-21/2.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 13 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: ILS OR LOC RWY 8
FORT LAUDERDALE, FL	AIRPORT NAME: FORT LAUDERDALE EXECUTIVE	I-FXE	ILS OR LOC RWY 9, AMDT 5A 5 FEBRUARY 2015	AMDT: 5 DATED 09/18/2014

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ENVER	ENVER	010	IAF	HF	L	FO		090.8()	T01.0	AA 02000	
		ENVER	010	FACF	IF		FB				AA 02000 GI 02000	
		PADDS	020	FAF	CF		FB		091.0()	006.1	GI 02000 GS 02000	
		RW09	030	MAP	CF		FO		091.0()	006.1	AT 00067	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		090.8()		AA 01000	
		050		VI	L	FB		285.0()			
	SHANC	060		CF		FO		348.0()	004.0	AA 02100	
	SHANC	070		HM	R	FO		168.0()	T01.0	AA 02100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FLL	N260426.20	W0800959.19	N2604.437	W08009.987
	VKZ	N254506.84	W0800915.99	N2545.114	W08009.267
	ENVER	N261030.98	W0802420.77	N2610.516	W08024.346
	SHANC	N261851.14	W0802000.16	N2618.852	W08020.003
	PADDS	N261111.54	W0801733.58	N2611.192	W08017.560
	RW09	N261151.27	W0801051.12	N2611.855	W08010.852
	IFXE (LOC)	N261158.45	W0800937.98	N2611.974	W08009.633

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00012	55

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **13** **TDZE: 13**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: **ILS OR LOC RWY 8**
FORT LAUDERDALE, FL	AIRPORT NAME: **FORT LAUDERDALE EXECUTIVE**	**I-FXE**	**ILS OR LOC RWY 9, AMDT 5A** 5 FEBRUARY 2015	AMDT: **5**
				DATED: **09/18/2014**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ENVER	ENVER	010	IAF	HF	L	FO		090.8()	T01.0	AA 02000	
		ENVER	010	FACF	IF		FB				AA 02000	
		PADDS	020	FAF	CF		FB		091.0()	006.1	AA 02000	
		TRUBE	021	SDF	CF		FB		091.0()	003.1	AA 00480	
		RW09	030	MAP	CF		FO		091.0()	003.0	AT 00067	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		090.8()		AA 01000	
		050		VI	L	FB		285.0()			
	SHANC	060		CF		FO		348.0()	004.0	AA 02100	
	SHANC	070		HM	R	FO		168.0()	T01.0	AA 02100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FLL	N260426.20	W0800959.19	N2604.437	W08009.987
	VKZ	N254506.84	W0800915.99	N2545.114	W08009.267
	ENVER	N261030.98	W0802420.77	N2610.516	W08024.346
	SHANC	N261851.14	W0802000.16	N2618.852	W08020.003
	PADDS	N261111.54	W0801733.58	N2611.192	W08017.560
	TRUBE	N261131.67	W0801410.05	N2611.528	W08014.168
	RW09	N261151.27	W0801051.12	N2611.855	W08010.852
	IFXE (LOC)	N261158.45	W0800937.98	N2611.974	W08009.633

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00012	55

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **13** **TDZE: 13**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: **ILS OR LOC RWY 8**
FORT LAUDERDALE, FL	AIRPORT NAME: **FORT LAUDERDALE EXECUTIVE**	**I-FXE**	**ILS OR LOC RWY 9, AMDT 5A** 5 FEBRUARY 2015	AMDT: **5**
				DATED: **09/18/2014**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ENVER (IF/IAF)	PADDS (FB)	090.68 / 6.14	2000
PADDS (FAF)	TRUBE/3.00 NM TO RW09 (FB)	090.73 / 3.07	
TRUBE/3.00 NM TO RW09	RW09 (MAP) (FO)	090.73 / 3.00	
RW09 (MAP)	213 MSL	090.73	
213 MSL	FORSU (FO)		2000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW09

CLIMB TO 2000 DIRECT FORSU AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W ENVER, LT, 090.68 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC: 090.73 FAF: PADDS DIST FAF TO MAP: 6.07 THLD: 6.07
4. MIN. ALT: ENVER 2000, PADDS 2000, TRUBE/3.00 NM TO RW09 1020*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: PADDS 2000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.4 34:1 IS CLEAR
8. MSA FROM: RW09 2600

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 270.88 INBOUND.
CHART FAS OBST: 409 TWR 261047N/0801315W
CHART 219 AAO 261122N/0801550W.
CHART A-291A.
CHART A-291B.
CHART A-291C.
DISTANCE TO THLD FROM 200 HAT: 0.45 NM.
CHART VDP AT 1.30 MILES TO RW09*
*LNAV ONLY.
WAAS CHANNEL # 48919
REFERENCE PATH ID: W09A
CHART CIRCLING ICON.
CHART KPMP.
LTP HAE: -22 M

MAG VAR: 7W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD@

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	213	1/2	200	213	1/2	200	213	1/2	200	213	1/2	200			
LNAV/VNAV DA	427	7/8	414	427	7/8	414	427	7/8	414	427	7/8	414			
LNAV MDA	480	1/2	467	480	1/2	467	480	1	467	480	1	467			
CIRCLING	520	1	507	620	1	607	780	2 1/4	767	780	2 1/2	767			

NOTES:
CHART NOTE: RADAR REQUIRED.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 4C (40F) OR ABOVE 54C (130F).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT LAUDERDALE/HOLLYWOOD INTL (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ CAT C 800-2 1/4, CAT D 800-2 1/2

QUALITY 24 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
FORT LAUDERDALE, FL	ELEVATION: 13 TDZE: 13 AIRPORT NAME: FORT LAUDERDALE EXECUTIVE	RNAV	RNAV (GPS) RWY 9, AMDT 2A 5 FEBRUARY 2015	SUP: RNAV (GPS) RWY 8 AMDT: 2 DATED 09/18/2014

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):

ALTIMETER SETTING AND INCREASE LPV DA TO 231; LNAV/VNAV DA TO 445. INCREASE ALL MDA 20 FEET, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING FORT LAUDERDALE/HOLLYWOOD INTL ALTIMETER SETTING.

CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT ENVER ON V267-437 SOUTHEAST BOUND

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
FORT LAUDERDALE, FL	**ELEVATION: 13** **TDZE: 13** AIRPORT NAME: **FORT LAUDERDALE EXECUTIVE**	**RNAV**	**RNAV (GPS) RWY 9, AMDT 2A** 5 FEBRUARY 2015	SUP: **RNAV (GPS) RWY 8** AMDT: **2** DATED: **09/18/2014**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFXE
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	261151.2680N
LTP/FTP LONGITUDE	0801051.1155W
LTP/FTP ELLIPSOIDAL HEIGHT	-00220
FPAP LATITUDE	261200.9400N
FPAP LONGITUDE	0800912.6400W
THRESHOLD CROSSING HEIGHT (TCH)	00055.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	A106A8A3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00036
FPAP ORTHOMETRIC HEIGHT	+00036

QUALITY 24 CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ENVER K70    C   L N26103098W080242077                    W0063     NAR           ENVER
        SUSAEAENRT   FORSU K70    W     N26130623W079580255                    W0066     NAR           FORSU
        SUSAEAENRT   PADDS K70    C     N26111154W080173358                    W0063     NAR           PADDS
        SUSAEAENRT   TRUBE K70    C     N26113167W080141005                    W0064     NAR           TRUBE

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFXEK7AFXE     0     060YHN26115021W080101454W007000013         1800018000C    MNAR    FORT LAUDERDALE EXECUTIVE

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFXEK7FR09   AENVER 010ENVERK7EA0EE AL   HF                    09070040    + 02000     18000                A JS
        SUSAP KFXEK7FR09   R       010ENVERK7EA0E  I    IF                                + 02000     18000                A JS
        SUSAP KFXEK7FR09   R       020PADDSK7EA1E  F 051TF                    09070061    + 02000                 RW09  K7PGA JS
        SUSAP KFXEK7FR09   R       020PADDSK7EA2WALPV       ALNAV/VNAV ALNAV                                                JS
        SUSAP KFXEK7FR09   R       021TRUBEK7EA0E S  031TF                    09070031    V 0102001030        -300          A JS
        SUSAP KFXEK7FR09   R       030RW09 K7PG0GY M 031TF                    09070030      00067             -300          A JS
        SUSAP KFXEK7FR09   R       040         0  M     CA                    0907        + 00213                         A JS
        SUSAP KFXEK7FR09   R       050FORSUK7EA0EY      DF                              + 02000                         A JS
        SUSAP KFXEK7FR09   R       060FORSUK7EA0EE  R   HM                    27090040    + 02000                         A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFXEK7GRW09    0060020908 N26115127W080105112+0000    -0022000012000055100IIFXE1

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFXEK7PR09   RW09 001 0000W09A0N2611512680W08010511155-002200300N2612009400W0800912640010675092000054F400350A106A8A3
        SUSAP KFXEK7PR09   RW09 002E      +00036+00036LPV       48919

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFXEK7SRW09 K7PG                0   18018002625                                                                   M
```

QUALITY 24 CHECKED

CITY AND STATE	ELEVATION: **13** **TDZE: 13**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: **RNAV (GPS) RWY 8**
FORT LAUDERDALE, FL	AIRPORT NAME: **FORT LAUDERDALE EXECUTIVE**	**RNAV**	**RNAV (GPS) RWY 9, AMDT 2A** 5 FEBRUARY 2015	AMDT: **2**
				DATED: **09/18/2014**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ENVER	ENVER	010	IAF	HF	L	FO		090.7(083.7T)	004.0	AA 02000	
		ENVER	010	FACF	IF		FB				AA 02000	
		PADDS	020	FAF	TF		FB	0.5	090.7(083.7T)	006.1	AA 02000	
		TRUBE	021	SDF	TF		FB	0.3	090.7(083.7T)	003.1	AA 01020 GS 01030	
		RW09	030	MAP	TF		FO	0.3	090.7(083.7T)	003.0	AT 00067	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		090.7(083.7T)		AA 00213	
	FORSU	050		DF		FO				AA 02000	
	FORSU	060		HM	R	FO		270.9(263.9T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ENVER	N261030.98	W0802420.77	N2610.516	W08024.346
	FORSU	N261306.23	W0795802.55	N2613.104	W07958.043
	PADDS	N261111.54	W0801733.58	N2611.192	W08017.560
	TRUBE	N261131.67	W0801410.05	N2611.528	W08014.168
	RW09	N261151.27	W0801051.12	N2611.855	W08010.852

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00012	55

QUALITY 24 CHECKED

CITY AND STATE	ELEVATION: **13** **TDZE: 13**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: **RNAV (GPS) RWY 8**
FORT LAUDERDALE, FL	AIRPORT NAME: **FORT LAUDERDALE EXECUTIVE**	**RNAV**	**RNAV (GPS) RWY 9, AMDT 2A** 5 FEBRUARY 2015	AMDT: **2**
				DATED: **09/18/2014**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FORSU (IF/IAF)	KOKEY (FB)	270.88 / 6.07	1500
KOKEY (FAF)	SACCK/2.30 NM TO RW27 (FB)	270.83 / 2.23	
SACCK/2.30 NM TO RW27	RW27 (MAP) (FO)	270.83 / 2.30	
RW27 (MAP)	396 MSL	270.83	
396 MSL	ENVER (FO)		2000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW27

CLIMB TO 2000 DIRECT ENVER AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E FORSU, RT, 270.88 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC: 270.83 FAF: KOKEY DIST FAF TO MAP: 4.53 THLD: 4.53
4. MIN. ALT: FORSU 2000, KOKEY 1500, SACCK/2.30 NM TO RW27 780*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1500 GS ALT AT: KOKEY 1500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
8. MSA FROM: RW27 2600

ADDITIONAL FLIGHT DATA:
HOLD W, LT, 090.68 INBOUND.
CHART FAS OBST: 177 BLDG 261228N/0800834W
CHART 309 BLDG 261145N/0800645W.
CHART A-291A.
CHART A-291B.
CHART A-291C.
DISTANCE TO THLD FROM 383 HAT: 1.06 NM.
CHART VDP AT 1.08 MILES TO RW27*
*LNAV ONLY.
WAAS CHANNEL # 50319
REFERENCE PATH ID: W27A
CHART CIRCLING ICON
CHART KPMP
LTP HAE: -22 M

MAG VAR: 7W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	396	1 1/4	383	396	1 1/4	383	396	1 1/4	383	396	1 1/4	383			
LNAV/VNAV DA	450	1 1/2	437	450	1 1/2	437	450	1 1/2	437	450	1 1/2	437			
LNAV MDA	440	1	427	440	1	427	440	1 1/4	427	440	1 1/4	427			
CIRCLING	520	1	507	620	1	607	780	2 1/4	767	780	2 1/2	767			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 4C (40F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT LAUDERDALE/HOLLYWOOD INTL (SEE FORM 8260-10)

@ CAT C 800-2 1/4, CAT D 800-2 1/2
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 24 CHECKED

CITY AND STATE	ELEVATION: 13 TDZE: 13 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 26
FORT LAUDERDALE, FL	FORT LAUDERDALE EXECUTIVE	RNAV	RNAV (GPS) RWY 27, AMDT 2B 5 FEBRUARY 2015	AMDT: 2A DATED 12/11/2014

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
ALTIMETER SETTING AND INCREASE LPV DA TO 414; LNAV/VNAV DA TO 468. INCREASE ALL MDA 20 FEET AND INCREASE LPV ALL CATS AND LNAV CATS C/D VISIBILITY TO 1 3/8.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING FORT LAUDERDALE/HOLLYWOOD INTL ALTIMETER SETTING.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA.
CHART IN PLANVIEW: RADAR REQUIRED.

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
FORT LAUDERDALE, FL	**ELEVATION: 13** **TDZE: 13** AIRPORT NAME: **FORT LAUDERDALE EXECUTIVE**	**RNAV**	**RNAV (GPS) RWY 27, AMDT 2B** 5 FEBRUARY 2015	SUP: **RNAV (GPS) RWY 26** AMDT: **2A** DATED: **12/11/2014**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFXE
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	261157.7080N
LTP/FTP LONGITUDE	0800945.6110W
LTP/FTP ELLIPSOIDAL HEIGHT	-00220
FPAP LATITUDE	261148.0300N
FPAP LONGITUDE	0801124.0900W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	F5542EE7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00036
FPAP ORTHOMETRIC HEIGHT	+00036

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
FORT LAUDERDALE, FL	ELEVATION: 13 TDZE: 13 AIRPORT NAME: FORT LAUDERDALE EXECUTIVE	RNAV	RNAV (GPS) RWY 27, AMDT 2B 5 FEBRUARY 2015	SUP: RNAV (GPS) RWY 26 AMDT: 2A DATED: 12/11/2014

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ENVER K70    C   L N26103098W080242077                    W0063     NAR           ENVER
        SUSAEAENRT   FORSU K70    W     N26130623W079580255                    W0066     NAR           FORSU
        SUSAEAENRT   KOKEY K70    W     N26122712W080044505                    W0065     NAR           KOKEY
        SUSAEAENRT   SACCK K70    W     N26121266W080071308                    W0065     NAR           SACCK

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFXEK7AFXE     0     060YHN26115021W080101454W007000013         1800018000C    MNAR    FORT LAUDERDALE EXECUTIVE

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFXEK7FR27   AFORSU 010FORSUK7EA0EE AR   HF                    27090040    + 02000     18000                A JS
        SUSAP KFXEK7FR27   R      010FORSUK7EA0E  I    IF                                + 02000     18000                A JS
        SUSAP KFXEK7FR27   R      020KOKEYK7EA1E  F 051TF                    27090061    + 01500                 RW27  K7PGA JS
        SUSAP KFXEK7FR27   R      020KOKEYK7EA2WALPV       ALNAV/VNAV ALNAV                                                 JS
        SUSAP KFXEK7FR27   R      021SACCKK7EA0E S  031TF                    27080022    V 0078000789        -300         A JS
        SUSAP KFXEK7FR27   R      030RW27 K7PG0GY M 031TF                    27080023      00057             -300         A JS
        SUSAP KFXEK7FR27   R      040         0  M     CA                    2708        + 00396                        A JS
        SUSAP KFXEK7FR27   R      050ENVERK7EA0EY      DF                              + 02000                        A JS
        SUSAP KFXEK7FR27   R      060ENVERK7EA0EE  L   HM                    09070040    + 02000                        A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFXEK7GRW27    0060022708 N26115771W080094561+0000    -0022000012000045100R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFXEK7PR27   RW27 001 0000W27A0N2611577080W08009456110-002200300N2611480300W0801124090010675092000045 0F400500F5542EE7
        SUSAP KFXEK7PR27   RW27 002E      +00036+00036LPV       50319

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFXEK7SRW27 K7PG               0   18018002625                                                                    M
```

QUALITY 24 CHECKED

CITY AND STATE	ELEVATION: **13** **TDZE: 13**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: **RNAV (GPS) RWY 26**
FORT LAUDERDALE, FL	AIRPORT NAME: **FORT LAUDERDALE EXECUTIVE**	**RNAV**	**RNAV (GPS) RWY 27, AMDT 2B** 5 FEBRUARY 2015	AMDT: **2A**
				DATED: **12/11/2014**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	FORSU	FORSU	010	IAF	HF	R	FO		270.9(263.9T)	004.0	AA 02000	
		FORSU	010	FACF	IF		FB				AA 02000	
		KOKEY	020	FAF	TF		FB	0.5	270.9(263.9T)	006.1	AA 01500	
		SACCK	021	SDF	TF		FB	0.3	270.8(263.8T)	002.2	AA 00780 GS 00789	
		RW27	030	MAP	TF		FO	0.3	270.8(263.8T)	002.3	AT 00057	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		270.8(263.8T)		AA 00396	
	ENVER	050		DF		FO				AA 02000	
	ENVER	060		HM	L	FO		090.7(083.7T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ENVER	N261030.98	W0802420.77	N2610.516	W08024.346
	FORSU	N261306.23	W0795802.55	N2613.104	W07958.043
	KOKEY	N261227.12	W0800445.05	N2612.452	W08004.751
	SACCK	N261212.66	W0800713.08	N2612.211	W08007.218
	RW27	N261157.71	W0800945.61	N2611.962	W08009.760

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	00012	45

CITY AND STATE	ELEVATION: **13** **TDZE: 13**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: **RNAV (GPS) RWY 26**
FORT LAUDERDALE, FL	AIRPORT NAME: **FORT LAUDERDALE EXECUTIVE**	**RNAV**	**RNAV (GPS) RWY 27, AMDT 2B** 5 FEBRUARY 2015	AMDT: **2A**
				DATED: **12/11/2014**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
KAKEY/I-ARK 17.00 DME/RADAR (IAF)	HERVI/I-ARK 13.81 DME/RADAR	185.48 / 3.19 (I-ARK)	4000
HERVI/I-ARK 13.81 DME/RADAR (IF)	FONIK/I-ARK 10.65 DME/RADAR	185.48 / 3.16 (I-ARK)	3000
FONIK/I-ARK 10.65 DME/RADAR	SEEDO/I-ARK 9.07 DME/RADAR	185.48 / 1.58 (I-ARK)	2500
SEEDO/I-ARK 9.07 DME/RADAR	COCAS/I-ARK 5.91 DME/RADAR	185.48 / 3.16 (I-ARK)	1500

MISSED APPROACH

ILS: DA
LOC: 4.26 MILES AFTER COCAS/I-ARK 5.91 DME/RADAR OR AT I-ARK 1.65 DME FIX

CLIMB TO 500 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 100 AND ORL VORTAC R-140 TO PRESK INT/ORL 16.17 DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 500 THEN CLIMBING LEFT TURN TO 4000 ON MLB VOR/DME R-305 TO PRESK INT/MLB 30.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 319.79 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE PRESK INT/MLB 30.00 DME, RT, 304.54 INBOUND.
CHART FAS OBST: 238 COMMUNICATION TWR 282809N/0811703W
CHART IN PLANVIEW: EXECUTIVE AIRPORT
CHART CIRCLING ICON

1. PT ____ SIDE OF COURSE **OUTBOUND** ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT KAKEY/I-ARK 17.00 DME/RADAR**
3. FAC: **185.48** FAF: **COCAS/I-ARK 5.91 DME/RADAR** DIST FAF TO MAP: **4.26** THLD: **4.26**
4. MIN. ALT: **KAKEY 4000, HERVI 4000, FONIK 3000, SEEDO 2500, COCAS 1500, JAXES/I-ARK 2.96 DME/RADAR 560***
5. DIST TO THLD FROM OM: **-** MM: **0.37** IM: **860** 150 HAT: **1828** 100 HAT: **873** GS ANT: **1040**
6. MIN GS INCPT: **1500** GS ALT AT: **COCAS 1500** OM: **-** MM: **264** IM: **190**
7. GS ANGLE: **3.00** TCH: **54.5**
8. MSA FROM: **ORL VORTAC 3000**

MAG VAR: **6W** EPOCH YEAR: **2015**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **ILS: #** | **LOC: STANDARD**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 17L	290	1800	200	290	1800	200	290	1800	200	290	1800	200			
S-LOC 17L	500	2400	410	500	2400	410	500	4000	410	500	4000	410			
CIRCLING	740	1	644	740	1	644	740	1 3/4	644	740	2	644			

NOTES:
SA CATEGORY I ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-17L: CAT A, B, C, D, RA 145, RVR 1400, HAT 150, DA 240 MSL.
CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 17L: CAT A, B, C, D, RA 101, RVR 1200, HAT 100, DA 190 MSL.
(SEE FORM 8260-10)

 # CAT A, B, C, D 700-2

CITY AND STATE	ELEVATION: 96 TDZE: 90 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ORLANDO, FL	**ORLANDO INTL**	**I-ARK**	**ILS OR LOC RWY 17L, AMDT 2 02/05/2015** **ILS RWY 17L (CAT II)** **ILS RWY 17L (SA CAT I)**	AMDT: **1C** DATED **10/17/2013**

QUALITY 4 CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART NOTE: BRIGHT LIGHTS ON HIGHWAY MIDWAY BETWEEN RWY 17L AND RWY 17R MAY BE MISTAKEN FOR RUNWAY LIGHTS.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 17R AND RWY 18L, OR RWY 17R AND RWY 18R.
CHART NOTE: DME OR RADAR REQUIRED.
***LOC ONLY**
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE S-LOC 17L CATS C/D VISIBILITY TO RVR 6000.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ORLANDO, FL	**ELEVATION: 96** **TDZE: 90** AIRPORT NAME: **ORLANDO INTL**	**I-ARK**	**ILS OR LOC RWY 17L, AMDT 2** 02/05/2015 **ILS RWY 17L (CAT II)** **ILS RWY 17L (SA CAT I)**	SUP: AMDT: **1C** DATED: **10/17/2013**

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ARINC PACKET - 424-18 - ILS

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ORL   K7011220VTHA N28323381W081200607    N28323381W081200607E0000001022     NARORLANDO
        SUSAD KMCOK7 IARK  K7011095 IT                    IARKN28245799W081165174     000970     NARORLANDO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   PRESK K70    C   L N28201033W081081622                        W0062     NAR           PRESK

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7AMCO     0     120YHN28254580W081183240W006000096         1800018000C    MNAR    ORLANDO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7CCOCAS K70    C     N28305342W081165992                      W0062     NAR           COCAS
        SUSAP KMCOK7CFONIK K70    C     N28353856W081170285                      W0062     NAR           FONIK
        SUSAP KMCOK7CHERVI K70    C     N28384865W081170481                      W0062     NAR           HERVI
        SUSAP KMCOK7CKAKEY K70    C     N28420069W081170679                      W0062     NAR           KAKEY
        SUSAP KMCOK7CSEEDO K70    C     N28340351W081170187                      W0062     NAR           SEEDO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7FI17L  AKAKEY 010KAKEYK7PC0E  A    IF                                  + 04000     18000                0 NS
        SUSAP KMCOK7FI17L  AKAKEY 020HERVIK7PC0E  B    TF                                  + 04000                          0 NS
        SUSAP KMCOK7FI17L  AKAKEY 030FONIKK7PC0E       TF                                  + 03000                          0 NS
        SUSAP KMCOK7FI17L  AKAKEY 040SEEDOK7PC0EE      CF IARKK7      0055009118550016PI   + 02500                          0 NS
        SUSAP KMCOK7FI17L  I      010SEEDOK7PC0E  I    IF IARKK7      00550091        PI   J 0250001500180000                 0 NS
        SUSAP KMCOK7FI17L  I      020COCASK7PC0E  F     CF IARKK7      0055005918500032PI   H 0150001500        -300ORL   K7D 0 NS
        SUSAP KMCOK7FI17L  I      030RW17LK7PG0GY M     CF IARKK7      0055001718500043PI     00144             -300          0 NS
        SUSAP KMCOK7FI17L  I      040         0  M      CA                    1855         + 00500                          0 NS
        SUSAP KMCOK7FI17L  I      050         0         VI                    1000                                          0 NS
        SUSAP KMCOK7FI17L  I      060PRESKK7EA0EY       CF ORL K7      13980162139800 50D   + 03000                          0 NS
        SUSAP KMCOK7FI17L  I      070PRESKK7EA0EE  R    HM                    3198T010     + 03000                          0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7GRW17L   0090011855 N28263731W081165729+0000    -0000600090000055150IIARK2
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 90**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-ARK**	**ILS OR LOC RWY 17L, AMDT 2** 02/05/2015 **ILS RWY 17L (CAT II)** **ILS RWY 17L (SA CAT I)**	AMDT: **1C** DATED: **10/17/2013**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KMCOK7IIARK2   011095RW17LN28245789W0811656271855N28262705W0811652591041 10400399300W00605500094

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KMCOK7SORL  K7D                0   18018003025                                                                        M
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 90**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-ARK**	**ILS OR LOC RWY 17L, AMDT 2** 02/05/2015 **ILS RWY 17L (CAT II)** **ILS RWY 17L (SA CAT I)**	AMDT: **1C** DATED: **10/17/2013**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	KAKEY	KAKEY	010	IAF	IF		FB				AA 04000	
	KAKEY	HERVI	020		TF		FB				AA 04000	
	KAKEY	FONIK	030		TF		FB				AA 03000	
	KAKEY	SEEDO	040		CF		FB		185.5()	001.6	AA 02500	
		SEEDO	010	FACF	IF		FB				AA 02500 GI 01500	
		COCAS	020	FAF	CF		FB		185.0()	003.2	GI 01500 GS 01500	
		RW17L	030	MAP	CF		FO		185.0()	004.3	AT 00144	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		185.5()		AA 00500	
		050		VI		FB		100.0()			
	PRESK	060		CF		FO		139.8()	005.0	AA 03000	
	PRESK	070		HM	R	FO		319.8()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ORL	N283233.81	W0812006.07	N2832.564	W08120.101
	IARK (DME)	N282457.99	W0811651.74	N2824.967	W08116.862
	PRESK	N282010.33	W0810816.22	N2820.172	W08108.270
	COCAS	N283053.42	W0811659.92	N2830.890	W08116.999
	FONIK	N283538.56	W0811702.85	N2835.643	W08117.048
	HERVI	N283848.65	W0811704.81	N2838.811	W08117.080
	KAKEY	N284200.69	W0811706.79	N2842.012	W08117.113
	SEEDO	N283403.51	W0811701.87	N2834.059	W08117.031
	RW17L	N282637.31	W0811657.29	N2826.622	W08116.955
	IARK (LOC)	N282457.89	W0811656.27	N2824.965	W08116.938

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17L	00090	55

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 90**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-ARK**	**ILS OR LOC RWY 17L, AMDT 2** 02/05/2015 **ILS RWY 17L (CAT II)** **ILS RWY 17L (SA CAT I)**	AMDT: **1C** DATED: **10/17/2013**

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ARINC PACKET - 424-18 - LOC

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ORL   K7011220VTHA N28323381W081200607    N28323381W081200607E0000001022     NARORLANDO
        SUSAD KMCOK7 IARK  K7011095 IT                    IARKN28245799W081165174     000970     NARORLANDO INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   PRESK K70    C   L N28201033W081081622                      W0062     NAR           PRESK

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7AMCO     0     120YHN28254580W081183240W006000096         1800018000C    MNAR    ORLANDO INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7CCOCAS K70    C     N28305342W081165992                      W0062     NAR           COCAS
        SUSAP KMCOK7CFONIK K70    C     N28353856W081170285                      W0062     NAR           FONIK
        SUSAP KMCOK7CHERVI K70    C     N28384865W081170481                      W0062     NAR           HERVI
        SUSAP KMCOK7CJAXES K70    C     N28275590W081165810                      W0061     NAR           JAXES
        SUSAP KMCOK7CKAKEY K70    C     N28420069W081170679                      W0062     NAR           KAKEY
        SUSAP KMCOK7CSEEDO K70    C     N28340351W081170187                      W0062     NAR           SEEDO

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7FL17L  AKAKEY 010KAKEYK7PC0E  A    IF                                + 04000     18000                0 NS
        SUSAP KMCOK7FL17L  AKAKEY 020HERVIK7PC0E  B    TF                                + 04000                          0 NS
        SUSAP KMCOK7FL17L  AKAKEY 030FONIKK7PC0E       TF                                + 03000                          0 NS
        SUSAP KMCOK7FL17L  AKAKEY 040SEEDOK7PC0EE      CF IARKK7      005500911855016PI  + 02500                          0 NS
        SUSAP KMCOK7FL17L  L      010SEEDOK7PC0E  I    IF IARKK7      00550091        PI  + 02500     18000                0 NS
        SUSAP KMCOK7FL17L  L      020COCASK7PC0E  F     CF IARKK7      005500591850032PI  + 01500                ORL   K7D 0 NS
        SUSAP KMCOK7FL17L  L      021JAXESK7PC0E S      CF IARKK7      005500301850030PI  + 00560           -301              0 NS
        SUSAP KMCOK7FL17L  L      030RW17LK7PG0GY M     CF IARKK7      005500171850013PI    00144           -301              0 NS
        SUSAP KMCOK7FL17L  L      040         0  M      CA                      1855      + 00500                          0 NS
        SUSAP KMCOK7FL17L  L      050         0         VI                      1000                                       0 NS
        SUSAP KMCOK7FL17L  L      060PRESKK7EA0EY       CF ORL K7      13980162139800 50D + 03000                          0 NS
        SUSAP KMCOK7FL17L  L      070PRESKK7EA0EE  R    HM                      3198T010  + 03000                          0 NS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 90**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**1-ARK**	**ILS OR LOC RWY 17L, AMDT 2** 02/05/2015 **ILS RWY 17L (CAT II)** **ILS RWY 17L (SA CAT I)**	AMDT: **1C** DATED: **10/17/2013**

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```
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7GRW17L   0090011855 N28263731W081165729+0000    -000060009000005515OIIARK2
_____________________________________________________________________________________________________________________________________
                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7IIARK2   011095RW17LN28245789W0811656271855N28262705W0811652591041 10400399300W00605500094
_____________________________________________________________________________________________________________________________________
                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7SORL  K7D                0   18018003025                                                                    M
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 90**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**1-ARK**	**ILS OR LOC RWY 17L, AMDT 2** 02/05/2015 **ILS RWY 17L (CAT II)** **ILS RWY 17L (SA CAT I)**	AMDT: **1C** DATED: **10/17/2013**

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ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	KAKEY	KAKEY	010	IAF	IF		FB				AA 04000	
	KAKEY	HERVI	020		TF		FB				AA 04000	
	KAKEY	FONIK	030		TF		FB				AA 03000	
	KAKEY	SEEDO	040		CF		FB		185.5()	001.6	AA 02500	
		SEEDO	010	FACF	IF		FB				AA 02500	
		COCAS	020	FAF	CF		FB		185.0()	003.2	AA 01500	
		JAXES	021	SDF	CF		FB		185.0()	003.0	AA 00560	
		RW17L	030	MAP	CF		FO		185.0()	001.3	AT 00144	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		185.5()		AA 00500	
		050		VI		FB		100.0()			
	PRESK	060		CF		FO		139.8()	005.0	AA 03000	
	PRESK	070		HM	R	FO		319.8()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ORL	N283233.81	W0812006.07	N2832.564	W08120.101
	IARK (DME)	N282457.99	W0811651.74	N2824.967	W08116.862
	PRESK	N282010.33	W0810816.22	N2820.172	W08108.270
	COCAS	N283053.42	W0811659.92	N2830.890	W08116.999
	FONIK	N283538.56	W0811702.85	N2835.643	W08117.048
	HERVI	N283848.65	W0811704.81	N2838.811	W08117.080
	JAXES	N282755.90	W0811658.10	N2827.932	W08116.968
	KAKEY	N284200.69	W0811706.79	N2842.012	W08117.113
	SEEDO	N283403.51	W0811701.87	N2834.059	W08117.031
	RW17L	N282637.31	W0811657.29	N2826.622	W08116.955
	IARK (LOC)	N282457.89	W0811656.27	N2824.965	W08116.938

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17L	00090	55

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 90**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**1-ARK**	**ILS OR LOC RWY 17L, AMDT 2** 02/05/2015 **ILS RWY 17L (CAT II)** **ILS RWY 17L (SA CAT I)**	AMDT: **1C** DATED: **10/17/2013**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HOLOP/19.47 DME/RADAR (IAF)	NAVAL/17.47 DME/RADAR	185.45 / 2.00 (I-TFE)	5000
NAVAL/17.47 DME/RADAR (IF)	ONNER/14.31 DME/RADAR	185.45 / 3.15 (I-TFE)	4000
ONNER/14.31 DME/RADAR	HAMMY/11.16 DME/RADAR	185.45 / 3.15 (I-TFE)	3000
HAMMY/11.16 DME/RADAR	TUFFE INT/8.63 DME/RADAR	185.45 / 2.52 (I-TFE)	2200

MISSED APPROACH

ILS: DA
LOC: 6.44 MILES AFTER TUFFE INT/I-TFE 8.63 DME/RADAR OR AT 2.19 DME FIX

CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 270 AND ON ORL VORTAC R-227 TO CAMBE INT/ORL 20.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 500 THEN CLIMBING RIGHT TURN TO (SEE FORM 8260-10)

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 047.36 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW
CAMBE INT/LAL 29.02 DME, RT,
046.05 INBOUND.
CHART FAS OBST: 250 TWR 282837N/0811924W
CHART VDP AT 3.37 DME*
DISTANCE VDP TO THLD 1.18 MILES.
*LOC ONLY.
CHART IN PLANVIEW: EXECUTIVE AIRPORT
CHART CIRCLING ICON.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT HOLOP/19.47 DME/RADAR
3. FAC: 185.45 FAF: TUFFE INT/8.63 DME/RADAR DIST FAF TO MAP: 6.44 THLD: 6.44
4. MIN. ALT: HOLOP 5000, NAVAL 5000, ONNER 4000, HAMMY 3000, TUFFE 2200
5. DIST TO THLD FROM OM: - MM: 0.44 IM: - 150 HAT: - 100 HAT: - GS ANT: 1050
6. MIN GS INCPT: 2200 GS ALT AT: TUFFE 2200 OM: - MM: 287 IM: -
7. GS ANGLE: 3.00 TCH: 55.3
8. MSA FROM: ORL VORTAC 3000

MAG VAR: 6W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: # | LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 18R	294	1800	200	294	1800	200	294	1800	200	294	1800	200			
S-LOC 18R	540	2400	446	540	2400	446	540	4500	446	540	4500	446			
CIRCLING	740	1	644	740	1	644	740	1 3/4	644	740	2	644			

NOTES:
CHART NOTE: DME OR RADAR REQUIRED.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 17L/R.

CAT A, B, C, D 700-2

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 96 TDZE: 94	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: ORLANDO INTL	I-TFE	ILS OR LOC RWY 18R, AMDT 10 5 FEBRUARY 2015	AMDT: 9C DATED 10/17/2013

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

MISSED APPROACH INSTRUCTIONS, (CONT.):
4000 ON HEADING 270 AND ON LAL VORTAC R-046 TO CAMBE INT/LAL 29.02 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 96 TDZE: 94	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: ORLANDO INTL	I-TFE	ILS OR LOC RWY 18R, AMDT 10 5 FEBRUARY 2015	AMDT: 9C
				DATED: 10/17/2013

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - ILS

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ORL   K7011220VTHA N28323381W081200607    N28323381W081200607E0000001022     NARORLANDO
        SUSAD KMCOK7 ITFE  K7011190 IT                    ITFEN28244220W081193858     000950     NARORLANDO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CAMBE K70    C   L N28185776W081364618                     W0059     NAR           CAMBE
        SUSAEAENRT   ONNER K70    C     N28390309W081194505                     W0062     NAR           ONNER

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7AMCO     0     120YHN28254580W081183240W006000096         1800018000C    MNAR    ORLANDO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7CHAMMY K70    C     N28355333W081194298                     W0061     NAR           HAMMY
        SUSAP KMCOK7CHOLOP K70    R     N28441315W081194843                     W0062     NAR           HOLOP
        SUSAP KMCOK7CNAVAL K70    C     N28421285W081194712                     W0062     NAR           NAVAL
        SUSAP KMCOK7CTUFFE K70    C     N28332152W081194132                     W0061     NAR           TUFFE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7FI18R  AHOLOP 010HOLOPK7PC0E  A    IF                                  + 05000     18000                0 NS
        SUSAP KMCOK7FI18R  AHOLOP 020NAVALK7PC0E  B    TF                                  + 05000                          0 NS
        SUSAP KMCOK7FI18R  AHOLOP 030ONNERK7EA0E       TF                                  + 04000                          0 NS
        SUSAP KMCOK7FI18R  AHOLOP 040HAMMYK7PC0EE      CF ITFEK7      0055011218550032PI   + 03000                          0 NS
        SUSAP KMCOK7FI18R  I      010HAMMYK7PC0E  I    IF ITFEK7      00550112        PI   J 0300002200180000                  0 NS
        SUSAP KMCOK7FI18R  I      020TUFFEK7PC0E  F    CF ITFEK7      0055008618500025PI   H 0220002200        -300ORL   K7D 0 NS
        SUSAP KMCOK7FI18R  I      030RW18RK7PG0GY M    CF ITFEK7      0055002218500064PI     00148             -300           0 NS
        SUSAP KMCOK7FI18R  I      040         0  M     CA                    1855        + 00500                          0 NS
        SUSAP KMCOK7FI18R  I      050         0        VI                    2700                                         0 NS
        SUSAP KMCOK7FI18R  I      060CAMBEK7EA0EY      CF ORL K7      2274020022740070D    + 04000                          0 NS
        SUSAP KMCOK7FI18R  I      070CAMBEK7EA0EE  R   HM                     0474T010    + 04000                          0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7GRW18R   0120041855 N28265386W081193711-0012    +0000300093000055200IITFE1
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 94**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-TFE**	**ILS OR LOC RWY 18R, AMDT 10** 5 FEBRUARY 2015	AMDT: **9C** DATED: **10/17/2013**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7IITFE1   011190RW18RN28244258W0811935701855N28264350W0811932521255 10500303300W00605500089

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7SORL  K7D                0   18018003025                                                                        M
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 94**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-TFE**	**ILS OR LOC RWY 18R, AMDT 10** 5 FEBRUARY 2015	AMDT: **9C** DATED: **10/17/2013**

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HOLOP	HOLOP	010	IAF	IF		FB				AA 05000	
	HOLOP	NAVAL	020		TF		FB				AA 05000	
	HOLOP	ONNER	030		TF		FB				AA 04000	
	HOLOP	HAMMY	040		CF		FB		185.5()	003.2	AA 03000	
		HAMMY	010	FACF	IF		FB				AA 03000 GI 02200	
		TUFFE	020	FAF	CF		FB		185.0()	002.5	GI 02200 GS 02200	
		RW18R	030	MAP	CF		FO		185.0()	006.4	AT 00148	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		185.5()		AA 00500	
		050		VI		FB		270.0()			
	CAMBE	060		CF		FO		227.4()	007.0	AA 04000	
	CAMBE	070		HM	R	FO		047.4()	T01.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ORL	N283233.81	W0812006.07	N2832.564	W08120.101
	ITFE (DME)	N282442.20	W0811938.58	N2824.703	W08119.643
	CAMBE	N281857.76	W0813646.18	N2818.963	W08136.770
	ONNER	N283903.09	W0811945.05	N2839.052	W08119.751
	HAMMY	N283553.33	W0811942.98	N2835.889	W08119.716
	HOLOP	N284413.15	W0811948.43	N2844.219	W08119.807
	NAVAL	N284212.85	W0811947.12	N2842.214	W08119.785
	TUFFE	N283321.52	W0811941.32	N2833.359	W08119.689
	RW18R	N282653.86	W0811937.11	N2826.898	W08119.619
	ITFE (LOC)	N282442.58	W0811935.70	N2824.710	W08119.595

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18R	00093	55

CITY AND STATE	ELEVATION: **96** **TDZE: 94**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-TFE**	**ILS OR LOC RWY 18R, AMDT 10** 5 FEBRUARY 2015	AMDT: **9C** DATED: **10/17/2013**

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ARINC PACKET - 424-18 - LOC

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ORL   K7011220VTHA N28323381W081200607    N28323381W081200607E0000001022     NARORLANDO
        SUSAD KMCOK7 ITFE  K7011190 IT                    ITFEN28244220W081193858     000950     NARORLANDO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CAMBE K70    C   L N28185776W081364618                     W0059     NAR           CAMBE
        SUSAEAENRT   ONNER K70    C     N28390309W081194505                     W0062     NAR           ONNER

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7AMCO     0     120YHN28254580W081183240W006000096         1800018000C    MNAR    ORLANDO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7CHAMMY K70    C     N28355333W081194298                     W0061     NAR           HAMMY
        SUSAP KMCOK7CHOLOP K70    R     N28441315W081194843                     W0062     NAR           HOLOP
        SUSAP KMCOK7CNAVAL K70    C     N28421285W081194712                     W0062     NAR           NAVAL
        SUSAP KMCOK7CTUFFE K70    C     N28332152W081194132                     W0061     NAR           TUFFE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7FL18R  AHOLOP 010HOLOPK7PC0E  A    IF                                  + 05000     18000                0 NS
        SUSAP KMCOK7FL18R  AHOLOP 020NAVALK7PC0E  B    TF                                  + 05000                          0 NS
        SUSAP KMCOK7FL18R  AHOLOP 030ONNERK7EA0E       TF                                  + 04000                          0 NS
        SUSAP KMCOK7FL18R  AHOLOP 040HAMMYK7PC0EE      CF ITFEK7      0055011218550032PI   + 03000                          0 NS
        SUSAP KMCOK7FL18R  L      010HAMMYK7PC0E  I    IF ITFEK7      00550112        PI   + 03000     18000                0 NS
        SUSAP KMCOK7FL18R  L      020TUFFEK7PC0E  F    CF ITFEK7      0055008618500025PI   + 02200                ORL   K7D 0 NS
        SUSAP KMCOK7FL18R  L      030RW18RK7PG0GY M    CF ITFEK7      0055002218500064PI     00148              -301          0 NS
        SUSAP KMCOK7FL18R  L      040         0  M     CA                    1855          + 00500                          0 NS
        SUSAP KMCOK7FL18R  L      050         0        VI                    2700                                           0 NS
        SUSAP KMCOK7FL18R  L      060CAMBEK7EA0EY      CF ORL K7      2274020022740070D    + 04000                          0 NS
        SUSAP KMCOK7FL18R  L      070CAMBEK7EA0EE  R   HM                    0474T010     + 04000                          0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7GRW18R   0120041855 N28265386W081193711-0012    +0000300093000055200IITFE1
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 94**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-TFE**	**ILS OR LOC RWY 18R, AMDT 10** 5 FEBRUARY 2015	AMDT: **9C** DATED: **10/17/2013**

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```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KMCOK7IITFE1   011190RW18RN28244258W0811935701855N28264350W0811932521255 10500303300W00605500089

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KMCOK7SORL  K7D                0   18018003025                                                                       M
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 94**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-TFE**	**ILS OR LOC RWY 18R, AMDT 10** 5 FEBRUARY 2015	AMDT: **9C**
				DATED: **10/17/2013**

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ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HOLOP	HOLOP	010	IAF	IF		FB				AA 05000	
	HOLOP	NAVAL	020		TF		FB				AA 05000	
	HOLOP	ONNER	030		TF		FB				AA 04000	
	HOLOP	HAMMY	040		CF		FB		185.5()	003.2	AA 03000	
		HAMMY	010	FACF	IF		FB				AA 03000	
		TUFFE	020	FAF	CF		FB		185.0()	002.5	AA 02200	
		RW18R	030	MAP	CF		FO		185.0()	006.4	AT 00148	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		185.5()		AA 00500	
		050		VI		FB		270.0()			
	CAMBE	060		CF		FO		227.4()	007.0	AA 04000	
	CAMBE	070		HM	R	FO		047.4()	T01.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ORL	N283233.81	W0812006.07	N2832.564	W08120.101
	ITFE (DME)	N282442.20	W0811938.58	N2824.703	W08119.643
	CAMBE	N281857.76	W0813646.18	N2818.963	W08136.770
	ONNER	N283903.09	W0811945.05	N2839.052	W08119.751
	HAMMY	N283553.33	W0811942.98	N2835.889	W08119.716
	HOLOP	N284413.15	W0811948.43	N2844.219	W08119.807
	NAVAL	N284212.85	W0811947.12	N2842.214	W08119.785
	TUFFE	N283321.52	W0811941.32	N2833.359	W08119.689
	RW18R	N282653.86	W0811937.11	N2826.898	W08119.619
	ITFE (LOC)	N282442.58	W0811935.70	N2824.710	W08119.595

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18R	00093	55

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 94**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-TFE**	**ILS OR LOC RWY 18R, AMDT 10** 5 FEBRUARY 2015	AMDT: **9C**
				DATED: **10/17/2013**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
NOGGI/I-DDO LOC 16.45 DME/RADAR (IAF)	FOBUK/I-DDO 13.95 DME/RADAR	005.47 / 2.50 (I-DDO)	4000
FOBUK/I-DDO 13.95 DME/RADAR (IF)	FITEM/I-DDO 10.80 DME/RADAR	005.47 / 3.15 (I-DDO)	3000
FITEM/I-DDO 10.80 DME/RADAR	SPURR/I-DDO 6.39 DME/RADAR	005.47 / 4.41 (I-DDO)	1600

MISSED APPROACH

ILS: DA
LOC: 4.57 MILES AFTER SPURR/I-DDO 6.39 DME/RADAR OR AT I-DDO 1.82 DME FIX

CLIMB TO 3000 ON HEADING 005 AND ORL VORTAC R-049 TO OVIDO INT/ORL 12.98 DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 4000 DIRECT SFB NDB AND HOLD. (ADF REQUIRED) (SIMULTANEOUS APPROACH NOT AUTHORIZED WITH RWY 35R).

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 229.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W SFB NDB, LT, 085.00 INBOUND.
CHART FAS OBST: 166 TREE 282335N/0811742W
CHART IN PLANVIEW: SFB NDB.
CHART IN PLANVIEW: EXECUTIVE AIRPORT.
CHART CIRCLING ICON.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT NOGGI/I-DDO LOC 16.45 DME/RADAR
3. FAC: 005.47 FAF: SPURR/I-DDO 6.39 DME/RADAR DIST FAF TO MAP: 4.57 THLD: 4.57
4. MIN. ALT: NOGGI 5000, FOBUK 4000, FITEM 3000, SPURR 1600, AMICI/I-DDO 3.06 DME/RADAR 540*
5. DIST TO THLD FROM OM: - MM: 0.46 IM: 875 150 HAT: 1803 100 HAT: 855 GS ANT: 1040
6. MIN GS INCPT: 1600 GS ALT AT: SPURR 1600 OM: - MM: 290 IM: 189
7. GS ANGLE: 3.00 TCH: 56.8
8. MSA FROM: ORL VORTAC 3000

MAG VAR: 6W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: # | LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 35L	288	1800	200	288	1800	200	288	1800	200	288	1800	200			
S-LOC 35L	420	2400	332	420	2400	332	420	2600	332	420	2600	332			
CIRCLING	740	1	644	740	1	644	740	1 3/4	644	740	2	644			

NOTES:
CATEGORY II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 35L: CAT A, B, C, D, # CAT A, B, C, D 700-2
RA 106, RVR 1200, HAT 100, DA 188 MSL.
CATEGORY III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 35L: CAT IIIa CAT A,B,C,D, RVR 700. CAT IIIb CAT A,B,C,D, RVR 600. CAT IIIc NA.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 96 TDZE: 88 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ORLANDO, FL	ORLANDO INTL	I-DDO	ILS OR LOC RWY 35L, AMDT 7 02/05/2015 ILS RWY 35L (CAT II), ILS RWY 35L (CAT III) ILS RWY 35L (SA CAT I)	4 AMDT: 6C DATED 09/20/2012

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NOTES, (CONT.):
CHART NOTE: DME OR RADAR REQUIRED.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART NOTE: BRIGHT LIGHTS ON HIGHWAY MIDWAY BETWEEN RWY 35L AND RWY 35R MAY BE MISTAKEN FOR RUNWAY LIGHTS.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 35R AND RWY 36L OR RWY 35R AND RWY 36R.
***LOC ONLY**
SA CATEGORY I SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-35R: CAT A, B, C, D, RA 164, RVR 1400, HAT 150, DA 238.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.

QUALITY 4

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ORLANDO, FL	**ELEVATION: 96** **TDZE: 88** AIRPORT NAME: **ORLANDO INTL**	**I-DDO**	**ILS OR LOC RWY 35L, AMDT 7** 02/05/2015 **ILS RWY 35L (CAT II), ILS RWY 35L (CAT III)** **ILS RWY 35L (SA CAT I)**	SUP: CHECKED AMDT: **6C** DATED: **09/20/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - ILS

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ORL   K7011220VTHA N28323381W081200607    N28323381W081200607E0000001022     NARORLANDO
        SUSAD KMCOK7 IDDO  K7011050 IT                    IDDON28261839W081174815     000960     NARORLANDO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   OVIDO K70    C   B N28410545W081085800                        W0063     NAR           OVIDO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7AMCO     0     120YHN28254580W081183240W006000096         1800018000C    MNAR    ORLANDO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7CFITEM K70    C     N28152858W081173848                      W0061     NAR           FITEM
        SUSAP KMCOK7CFOBUK K70    C     N28121908W081173650                      W0061     NAR           FOBUK
        SUSAP KMCOK7CNOGGI K70    C     N28094859W081173494                      W0061     NAR           NOGGI
        SUSAP KMCOK7CSPURR K70    C     N28195409W081174126                      W0061     NAR           SPURR

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7FI35L  ANOGGI 010NOGGIK7PC0E  A    IF                                + 05000     18000                0 NS
        SUSAP KMCOK7FI35L  ANOGGI 020FOBUKK7PC0E  B    TF                                + 04000                          0 NS
        SUSAP KMCOK7FI35L  ANOGGI 030FITEMK7PC0EE      CF IDDOK7      1855010800550032PI  + 03000                          0 NS
        SUSAP KMCOK7FI35L  I      010FITEMK7PC0E  I    IF IDDOK7      18550108        PI  J 030000160018000                0 NS
        SUSAP KMCOK7FI35L  I      020SPURRK7PC0E  F    CF IDDOK7      1855006400500044PI  H 0160001600        -300ORL   K7D 0 NS
        SUSAP KMCOK7FI35L  I      030RW35LK7PG0GY M    CF IDDOK7      1855001800500046PI    00144             -300           0 NS
        SUSAP KMCOK7FI35L  I      040         0  M     VI                      0050                                          0 NS
        SUSAP KMCOK7FI35L  I      050OVIDOK7EA0EY      CF ORL K7      0490013004900110D   + 03000                          0 NS
        SUSAP KMCOK7FI35L  I      060OVIDOK7EA0EE  R   HM                      2290T010    + 03000                          0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7GRW35L   0100000055 N28242920W081174413+0000    -0001500087000057150IIDDO3

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 88**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-DDO**	**ILS OR LOC RWY 35L, AMDT 7** 02/05/2015 **ILS RWY 35L (CAT II), ILS RWY 35L (CAT III)** **ILS RWY 35L (SA CAT I)**	AMDT: **6C** DATED: **09/20/2012**

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        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7IIDDO3   011050RW35LN28261860W0811745270055N28243953W0811739761050 10400363300W00605700084
_____________________________________________________________________________________________________________________________________
                  1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7SORL  K7D                0   18018003025                                                                   M
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 88**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-DDO**	**ILS OR LOC RWY 35L, AMDT 7** 02/05/2015 **ILS RWY 35L (CAT II), ILS RWY 35L (CAT III)** **ILS RWY 35L (SA CAT I)**	AMDT: **6C** DATED: **09/20/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	NOGGI	NOGGI	010	IAF	IF		FB				AA 05000	
	NOGGI	FOBUK	020		TF		FB				AA 04000	
	NOGGI	FITEM	030		CF		FB		005.5()	003.2	AA 03000	
		FITEM	010	FACF	IF		FB				AA 03000 GI 01600	
		SPURR	020	FAF	CF		FB		005.0()	004.4	GI 01600 GS 01600	
		RW35L	030	MAP	CF		FO		005.0()	004.6	AT 00144	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		VI		FB		005.0()			
	OVIDO	050		CF		FO		049.0()	011.0	AA 03000	
	OVIDO	060		HM	R	FO		229.0()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ORL	N283233.81	W0812006.07	N2832.564	W08120.101
	IDDO (DME)	N282618.39	W0811748.15	N2826.307	W08117.803
	OVIDO	N284105.45	W0810858.00	N2841.091	W08108.967
	FITEM	N281528.58	W0811738.48	N2815.476	W08117.641
	FOBUK	N281219.08	W0811736.50	N2812.318	W08117.608
	NOGGI	N280948.59	W0811734.94	N2809.810	W08117.582
	SPURR	N281954.09	W0811741.26	N2819.902	W08117.688
	RW35L	N282429.20	W0811744.13	N2824.487	W08117.736
	IDDO (LOC)	N282618.60	W0811745.27	N2826.310	W08117.755

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35L	00087	57

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 88**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-DDO**	**ILS OR LOC RWY 35L, AMDT 7** 02/05/2015 **ILS RWY 35L (CAT II), ILS RWY 35L (CAT III)** **ILS RWY 35L (SA CAT I)**	AMDT: **6C** DATED: **09/20/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - LOC

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ORL   K7011220VTHA N28323381W081200607    N28323381W081200607E0000001022     NARORLANDO
        SUSAD KMCOK7 IDDO  K7011050 IT                    IDDON28261839W081174815     000960     NARORLANDO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   OVIDO K70    C   B N28410545W081085800                      W0063     NAR           OVIDO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7AMCO     0     120YHN28254580W081183240W006000096         1800018000C    MNAR    ORLANDO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7CAMICI K70    C     N28231433W081174335                    W0061     NAR           AMICI
        SUSAP KMCOK7CFITEM K70    C     N28152858W081173848                    W0061     NAR           FITEM
        SUSAP KMCOK7CFOBUK K70    C     N28121908W081173650                    W0061     NAR           FOBUK
        SUSAP KMCOK7CNOGGI K70    C     N28094859W081173494                    W0061     NAR           NOGGI
        SUSAP KMCOK7CSPURR K70    C     N28195409W081174126                    W0061     NAR           SPURR

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7FL35L  ANOGGI 010NOGGIK7PC0E  A    IF                                + 05000     18000                0 NS
        SUSAP KMCOK7FL35L  ANOGGI 020FOBUKK7PC0E  B    TF                                + 04000                          0 NS
        SUSAP KMCOK7FL35L  ANOGGI 030FITEMK7PC0EE      CF IDDOK7      1855010800550032PI  + 03000                          0 NS
        SUSAP KMCOK7FL35L  L      010FITEMK7PC0E  I    IF IDDOK7      18550108        PI  + 03000     18000                0 NS
        SUSAP KMCOK7FL35L  L      020SPURRK7PC0E  F    CF IDDOK7      1855006400500044PI  + 01600                ORL   K7D 0 NS
        SUSAP KMCOK7FL35L  L      021AMICIK7PC0E S     CF IDDOK7      1855003100500033PI  + 00540          -301                0 NS
        SUSAP KMCOK7FL35L  L      030RW35LK7PG0GY M    CF IDDOK7      1855001800500012PI    00144          -301                0 NS
        SUSAP KMCOK7FL35L  L      040         0  M     VI                      0050                                           0 NS
        SUSAP KMCOK7FL35L  L      050OVIDOK7EA0EY      CF ORL K7      0490013004900110D   + 03000                          0 NS
        SUSAP KMCOK7FL35L  L      060OVIDOK7EA0EE  R   HM                      2290T010    + 03000                          0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7GRW35L   0100000055 N28242920W081174413+0000    -0001500087000057150IIDDO3
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 88**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-DDO**	**ILS OR LOC RWY 35L, AMDT 7** 02/05/2015 **ILS RWY 35L (CAT II), ILS RWY 35L (CAT III)** **ILS RWY 35L (SA CAT I)**	AMDT: **6C** DATED: **09/20/2012**

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```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KMCOK7IIDDO3   011050RW35LN28261860W0811745270055N28243953W0811739761050 10400363300W00605700084

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KMCOK7SORL  K7D               0   18018003025                                                                       M
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 88**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-DDO**	**ILS OR LOC RWY 35L, AMDT 7** 02/05/2015 **ILS RWY 35L (CAT II), ILS RWY 35L (CAT III)** **ILS RWY 35L (SA CAT I)**	AMDT: **6C** DATED: **09/20/2012**

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ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	NOGGI	NOGGI	010	IAF	IF		FB				AA 05000	
	NOGGI	FOBUK	020		TF		FB				AA 04000	
	NOGGI	FITEM	030		CF		FB		005.5()	003.2	AA 03000	
		FITEM	010	FACF	IF		FB				AA 03000	
		SPURR	020	FAF	CF		FB		005.0()	004.4	AA 01600	
		AMICI	021	SDF	CF		FB		005.0()	003.3	AA 00540	
		RW35L	030	MAP	CF		FO		005.0()	001.2	AT 00144	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		VI		FB		005.0()			
	OVIDO	050		CF		FO		049.0()	011.0	AA 03000	
	OVIDO	060		HM	R	FO		229.0()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ORL	N283233.81	W0812006.07	N2832.564	W08120.101
	IDDO (DME)	N282618.39	W0811748.15	N2826.307	W08117.803
	OVIDO	N284105.45	W0810858.00	N2841.091	W08108.967
	AMICI	N282314.33	W0811743.35	N2823.239	W08117.723
	FITEM	N281528.58	W0811738.48	N2815.476	W08117.641
	FOBUK	N281219.08	W0811736.50	N2812.318	W08117.608
	NOGGI	N280948.59	W0811734.94	N2809.810	W08117.582
	SPURR	N281954.09	W0811741.26	N2819.902	W08117.688
	RW35L	N282429.20	W0811744.13	N2824.487	W08117.736
	IDDO (LOC)	N282618.60	W0811745.27	N2826.310	W08117.755

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35L	00087	57

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 88**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-DDO**	**ILS OR LOC RWY 35L, AMDT 7** 02/05/2015 **ILS RWY 35L (CAT II), ILS RWY 35L (CAT III)** **ILS RWY 35L (SA CAT I)**	AMDT: **6C** DATED: **09/20/2012**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CRUSE/I-CER 16.30 DME/RADAR (IAF)	SERAY/I-CER 13.79 DME/RADAR	005.48 / 2.51 (I-CER)	4000
SERAY/I-CER 13.79 DME/RADAR (IF)	FESHA/I-CER 10.64 DME/RADAR	005.48 / 3.15 (I-CER)	3000
FESHA/I-CER 10.64 DME/RADAR	HEWES/I-CER 6.23 DME/RADAR	005.48 / 4.41 (I-CER)	1600

MISSED APPROACH

ILS: DA
LOC: 4.57 MILES AFTER HEWES/I-CER 6.23 DME/RADAR OR AT I-CER 1.66 DME FIX

CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 3000 ON ORL VORTAC R-140 TO PRESK INT/ORL 16.17 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 4000 DIRECT SFB NDB AND HOLD. (ADF REQUIRED) (SIMULTANEOUS APPROACH NOT AUTHORIZED WITH RWY 35L).

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 139.79 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W SFB NDB, LT, 085.00 INBOUND.
CHART FAS OBST: 194 TRMSN TWR 282347N/0811657W
CHART IN PLANVIEW: SFB NDB.
CHART CIRCLING ICON.
CHART IN PLANVIEW: EXECUTIVE AIRPORT

1. PT ____ SIDE OF COURSE OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT CRUSE/I-CER 16.30 DME/RADAR
3. FAC: 005.48 FAF: HEWES/I-CER 6.23 DME/RADAR DIST FAF TO MAP: 4.57 THLD: 4.57
4. MIN. ALT: CRUSE 5000, SERAY 4000, FESHA 3000, HEWES 1600, WOLDI/I-CER 2.90 DME/RADAR 540*
5. DIST TO THLD FROM OM: - MM: 0.37 IM: 861 150 HAT: 1820 100 HAT: 866 GS ANT: 1050
6. MIN GS INCPT: 1600 GS ALT AT: HEWES 1600 OM: ____ MM: 264 IM: 190
7. GS ANGLE: 3.00 TCH: 54.9
8. MSA FROM: ORL VORTAC 3000

MAG VAR: 6W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: # | LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 35R	290	1800	200	290	1800	200	290	1800	200	290	1800	200			
S-LOC 35R	460	2400	370	460	2400	370	460	3500	370	460	3500	370			
CIRCLING	740	1	644	740	1	644	740	1 3/4	644	740	2	644			

NOTES:
CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 35R: CAT A, B, C, D, RA 101, RVR 1200, HAT 100, DA 190 MSL.
SA CATEGORY I SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-35R: CAT A, B, C, D, RA 157, RVR 1400, HAT 150, DA 240 MSL.
(SEE FORM 8260-10)

CAT A, B, C, D 700-2

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 96 TDZE: 90 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ORLANDO, FL	ORLANDO INTL	I-CER	ILS OR LOC RWY 35R, AMDT 2 02/05/2015 ILS RWY 35R (CAT II) ILS RWY 35R (SA CAT I)	AMDT: 1C DATED 09/20/2012

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART NOTE: BRIGHT LIGHTS ON HIGHWAY MIDWAY BETWEEN RWY 35L AND RWY 35R MAY BE MISTAKEN FOR RUNWAY LIGHTS.

LOC ONLY

***CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE S-LOC 35R CATS C/D VISIBILITY TO RVR 5500.**

SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 35L AND RWY 36L, OR 35L AND RWY 36R.

CHART NOTE: DME OR RADAR REQUIRED.

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ORLANDO, FL	**ELEVATION: 96** **TDZE: 90** AIRPORT NAME: **ORLANDO INTL**	**I-CER**	**ILS OR LOC RWY 35R, AMDT 2** 02/05/2015 **ILS RWY 35R (CAT II)** **ILS RWY 35R (SA CAT I)**	AMDT: **1C** DATED: **09/20/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - ILS

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ORL   K7011220VTHA N28323381W081200607    N28323381W081200607E0000001022     NARORLANDO
        SUSAD KMCOK7 ICER  K7011115 IT                    ICERN28264824W081165284     000980     NARORLANDO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   PRESK K70    C   L N28201033W081081622                        W0062     NAR           PRESK

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7AMCO     0     120YHN28254580W081183240W006000096         1800018000C    MNAR    ORLANDO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7CCRUSE K70    R     N28102745W081164736                      W0061     NAR           CRUSE
        SUSAP KMCOK7CFESHA K70    C     N28160797W081165084                      W0061     NAR           FESHA
        SUSAP KMCOK7CHEWES K70    C     N28203326W081165356                      W0061     NAR           HEWES
        SUSAP KMCOK7CSERAY K70    C     N28125847W081164890                      W0061     NAR           SERAY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7FI35R  ACRUSE 010CRUSEK7PC0E  A    IF                                + 05000     18000                0 NS
        SUSAP KMCOK7FI35R  ACRUSE 020SERAYK7PC0E  B    TF                                + 04000                          0 NS
        SUSAP KMCOK7FI35R  ACRUSE 030FESHAK7PC0EE      CF ICERK7      1855010600550032PI  + 03000                          0 NS
        SUSAP KMCOK7FI35R  I      010FESHAK7PC0E  I    IF ICERK7      18550106        PI  J 030000160018000                0 NS
        SUSAP KMCOK7FI35R  I      020HEWESK7PC0E  F    CF ICERK7      1855006200500044PI  H 0160001600        -300ORL   K7D 0 NS
        SUSAP KMCOK7FI35R  I      030RW35RK7PG0GY M    CF ICERK7      1855001700500046PI    00145             -300           0 NS
        SUSAP KMCOK7FI35R  I      040         0  M     CA                      0055      + 00500                          0 NS
        SUSAP KMCOK7FI35R  I      050PRESKK7EA0EY  R    CFYORL K7      13980162139801l0D   + 03000                          0 NS
        SUSAP KMCOK7FI35R  I      060PRESKK7EA0EE  R    HM                   1398T010    + 03000                          0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7GRW35R   0090010055 N28250820W081165638+0000    -000060009000005515OIICER2

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
```

QUALITY 12 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 90**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-CER**	**ILS OR LOC RWY 35R, AMDT 2** 02/05/2015 **ILS RWY 35R (CAT II)** **ILS RWY 35R (SA CAT I)**	AMDT: **1C** DATED: **09/20/2012**

```
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7IICER2   011115RW35RN28264761W0811657400055N28251863W0811651871041 10500399300W00605500087

                  1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7SORL  K7D               0   18018003025                                                                  M
```

CITY AND STATE	ELEVATION: **96** **TDZE: 90**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-CER**	**ILS OR LOC RWY 35R, AMDT 2** 02/05/2015 **ILS RWY 35R (CAT II)** **ILS RWY 35R (SA CAT I)**	AMDT: **1C** DATED: **09/20/2012**

QUALITY 12 CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	CRUSE	CRUSE	010	IAF	IF		FB				AA 05000	
	CRUSE	SERAY	020		TF		FB				AA 04000	
	CRUSE	FESHA	030		CF		FB		005.5()	003.2	AA 03000	
		FESHA	010	FACF	IF		FB				AA 03000 GI 01600	
		HEWES	020	FAF	CF		FB		005.0()	004.4	GI 01600 GS 01600	
		RW35R	030	MAP	CF		FO		005.0()	004.6	AT 00145	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		005.5()		AA 00500	
	PRESK	050		CF	R	FO		139.8()	011.0	AA 03000	
	PRESK	060		HM	R	FO		139.8()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ORL	N283233.81	W0812006.07	N2832.564	W08120.101
	ICER (DME)	N282648.24	W0811652.84	N2826.804	W08116.881
	PRESK	N282010.33	W0810816.22	N2820.172	W08108.270
	CRUSE	N281027.45	W0811647.36	N2810.458	W08116.789
	FESHA	N281607.97	W0811650.84	N2816.133	W08116.847
	HEWES	N282033.26	W0811653.56	N2820.554	W08116.893
	SERAY	N281258.47	W0811648.90	N2812.975	W08116.815
	RW35R	N282508.20	W0811656.38	N2825.137	W08116.940
	ICER (LOC)	N282647.61	W0811657.40	N2826.794	W08116.957

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35R	00090	55

QUALITY 12 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 90**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-CER**	**ILS OR LOC RWY 35R, AMDT 2** 02/05/2015 **ILS RWY 35R (CAT II)** **ILS RWY 35R (SA CAT I)**	AMDT: **1C** DATED: **09/20/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - LOC

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ORL   K7011220VTHA N28323381W081200607    N28323381W081200607E0000001022     NARORLANDO
        SUSAD KMCOK7 ICER  K7011115 IT                    ICERN28264824W081165284     000980     NARORLANDO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   PRESK K70    C   L N28201033W081081622                        W0062     NAR           PRESK

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7AMCO     0     120YHN28254580W081183240W006000096         1800018000C    MNAR    ORLANDO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7CCRUSE K70    R     N28102745W081164736                      W0061     NAR           CRUSE
        SUSAP KMCOK7CFESHA K70    C     N28160797W081165084                      W0061     NAR           FESHA
        SUSAP KMCOK7CHEWES K70    C     N28203326W081165356                      W0061     NAR           HEWES
        SUSAP KMCOK7CSERAY K70    C     N28125847W081164890                      W0061     NAR           SERAY
        SUSAP KMCOK7CWOLDI K70    C     N28235350W081165561                      W0061     NAR           WOLDI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7FL35R  ACRUSE 010CRUSEK7PC0E  A    IF                                  + 05000     18000                0 NS
        SUSAP KMCOK7FL35R  ACRUSE 020SERAYK7PC0E  B    TF                                  + 04000                          0 NS
        SUSAP KMCOK7FL35R  ACRUSE 030FESHAK7PC0EE      CF ICERK7      1855010600550032PI  + 03000                          0 NS
        SUSAP KMCOK7FL35R  L      010FESHAK7PC0E  I    IF ICERK7      18550106         PI  + 03000     18000                0 NS
        SUSAP KMCOK7FL35R  L      020HEWESK7PC0E  F    CF ICERK7      1855006200500044PI  + 01600                ORL   K7D 0 NS
        SUSAP KMCOK7FL35R  L      021WOLDIK7PC0E S     CF ICERK7      1855002900500033PI  + 00540          -301               0 NS
        SUSAP KMCOK7FL35R  L      030RW35RK7PG0GY M    CF ICERK7      1855001700500012PI    00145          -301               0 NS
        SUSAP KMCOK7FL35R  L      040         0  M     CA                      0055       + 00500                          0 NS
        SUSAP KMCOK7FL35R  L      050PRESKK7EA0EY  R    CFYORL K7      13980162139801l0D   + 03000                          0 NS
        SUSAP KMCOK7FL35R  L      060PRESKK7EA0EE  R    HM                     1398T010    + 03000                          0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7GRW35R   0090010055 N28250820W081165638+0000    -000060009000005515OIICER2
```

QUALITY 12 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 90**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-CER**	**ILS OR LOC RWY 35R, AMDT 2** 02/05/2015 **ILS RWY 35R (CAT II)** **ILS RWY 35R (SA CAT I)**	AMDT: **1C** DATED: **09/20/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KMCOK7IICER2   011115RW35RN28264761W0811657400055N28251863W0811651871041 10500399300W00605500087

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KMCOK7SORL  K7D               0   18018003025                                                                    M
```

QUALITY 12 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 90**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-CER**	**ILS OR LOC RWY 35R, AMDT 2** 02/05/2015 **ILS RWY 35R (CAT II)** **ILS RWY 35R (SA CAT I)**	AMDT: **1C** DATED: **09/20/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	CRUSE	CRUSE	010	IAF	IF		FB				AA 05000	
	CRUSE	SERAY	020		TF		FB				AA 04000	
	CRUSE	FESHA	030		CF		FB		005.5()	003.2	AA 03000	
		FESHA	010	FACF	IF		FB				AA 03000	
		HEWES	020	FAF	CF		FB		005.0()	004.4	AA 01600	
		WOLDI	021	SDF	CF		FB		005.0()	003.3	AA 00540	
		RW35R	030	MAP	CF		FO		005.0()	001.2	AT 00145	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		005.5()		AA 00500	
	PRESK	050		CF	R	FO		139.8()	011.0	AA 03000	
	PRESK	060		HM	R	FO		139.8()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ORL	N283233.81	W0812006.07	N2832.564	W08120.101
	ICER (DME)	N282648.24	W0811652.84	N2826.804	W08116.881
	PRESK	N282010.33	W0810816.22	N2820.172	W08108.270
	CRUSE	N281027.45	W0811647.36	N2810.458	W08116.789
	FESHA	N281607.97	W0811650.84	N2816.133	W08116.847
	HEWES	N282033.26	W0811653.56	N2820.554	W08116.893
	SERAY	N281258.47	W0811648.90	N2812.975	W08116.815
	WOLDI	N282353.50	W0811655.61	N2823.892	W08116.927
	RW35R	N282508.20	W0811656.38	N2825.137	W08116.940
	ICER (LOC)	N282647.61	W0811657.40	N2826.794	W08116.957

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35R	00090	55

QUALITY 12 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 90**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-CER**	**ILS OR LOC RWY 35R, AMDT 2** 02/05/2015 **ILS RWY 35R (CAT II)** **ILS RWY 35R (SA CAT I)**	AMDT: **1C** DATED: **09/20/2012**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TRAMP/16.75 DME/RADAR (IAF)	FLOZY/I-OJP 14.22 DME/RADAR	005.46 / 2.53 (I-OJP)	4000
FLOZY/14.22 DME/RADAR (IF)	SILKY/11.07 DME/RADAR	005.46 / 3.15 (I-OJP)	3000
SILKY/I-OJP 11.07 DME/RADAR	JAKOR/6.65 DME/RADAR	005.46 / 4.42 (I-OJP)	1600

MISSED APPROACH

ILS: DA
LOC: 4.56 MILES AFTER JAKOR/I-OJP 6.65 DME/RADAR OR AT I-OJP 2.09 DME FIX

CLIMB TO 500 THEN CLIMBING LEFT TURN TO 3000 DIRECT HERNY LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 500 THEN CLIMBING LEFT TURN TO 4000 ON ORL VORTAC R-227 TO CAMBE/ORL 20.00 DME AND HOLD. CONTINUE CLIMB-IN-HOLD TO 4000.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 069.70 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW CAMBE/ORL 20.00 DME, RT, 047.36 INBOUND.
CHART FAS OBST: 175 TREE 282405N/0811926W
CHART VDP AT 2.96 DME*
DISTANCE VDP TO THLD 0.87 MILES.
*LOC ONLY.
CHART IN PLANVIEW: CAMBE/ORL 20.00 DME.
CHART IN PLANVIEW: EXECUTIVE AIRPORT.
CHART CIRCLING ICON.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT TRAMP/16.75 DME/RADAR
3. FAC: 005.46 FAF: JAKOR/6.65 DME/RADAR DIST FAF TO MAP: 4.56 THLD: 4.56
4. MIN. ALT: TRAMP 5000, FLOZY 4000, SILKY 3000, JAKOR 1600, UVEKE/I-OJP 3.89 DME 540*
5. DIST TO THLD FROM OM: - MM: 0.39 IM: 859 150 HAT: 1813 100 HAT: 859 GS ANT: 1050
6. MIN GS INCPT: 1600 GS ALT AT: JAKOR 1600 OM: - MM: 271 IM: 192
7. GS ANGLE: 3.00 TCH: 56.3
8. MSA FROM: ORL VORTAC 3000

MAG VAR: 6W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: # | LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 36R	292	1800	200	292	1800	200	292	1800	200	292	1800	200			
S-LOC 36R	540	2400	448	540	2400	448	540	4500	448	540	4500	448			
CIRCLING	740	1	644	740	1	644	740	1 3/4	644	740	2	644			
UVEKE FIX MINIMUMS (DME REQUIRED)															
S-LOC 36R	440	2400	348	440	2400	348	440	3000	348	440	3000	348			
CIRCLING	740	1	644	740	1	644	740	1 3/4	644	740	2	644			

NOTES:
CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 36R: CAT A, B, C, D, RA 106, RVR 1200, HAT 100, DA 192 MSL.
CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS- 36R: CAT IIIa CAT A,B,C,D, RVR 700. CAT IIIb CAT A,B,C,D, RVR 600. CAT IIIc NA.
(SEE FORM 8260-10)

CAT A, B, C, D 700-2

QUALITY 9 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ORLANDO, FL	ELEVATION: 96 TDZE: 92 AIRPORT NAME: ORLANDO INTL	I-OJP	ILS OR LOC RWY 36R, AMDT 10 02/05/2015 ILS RWY 36R (CAT II) , ILS RWY 36R (CAT III) ILS RWY 36R (SA CAT I)	AMDT: 9C DATED 09/20/2012

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):

SA CATEGORY I SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-36R: CAT A, B, C, D, RA 158, RVR 1400, HAT 150, DA 242.

SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC OR LOA APPROVAL AND USE OF HUD TO DH.

CHART NOTE: ADF REQUIRED.

CHART NOTE: DME OR RADAR REQUIRED.

CHART PLANVIEW NOTE: RADAR REQUIRED.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 35L/R.

QUALITY 9 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ORLANDO, FL	**ELEVATION: 96** **TDZE: 92** AIRPORT NAME: **ORLANDO INTL**	**I-OJP**	**ILS OR LOC RWY 36R, AMDT 10** 02/05/2015 **ILS RWY 36R (CAT II) , ILS RWY 36R (CAT III)** **ILS RWY 36R (SA CAT I)**	SUP: AMDT: **9C** DATED: **09/20/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - ILS

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ORL   K7011220VTHA N28323381W081200607    N28323381W081200607E0000001022     NARORLANDO
        SUSAD KMCOK7 IOJP  K7011070 IT                    IOJPN28270076W081191801     000960     NARORLANDO INTL
        SUSADB       OR    K7002210HOLW N28302464W081260213                    W0060           NARHERNY

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7AMCO     0     120YHN28254580W081183240W006000096         1800018000C    MNAR    ORLANDO INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7CFLOZY K70    C     N28124527W081191127                    W0061     NAR           FLOZY
        SUSAP KMCOK7CJAKOR K70    C     N28202072W081191611                    W0061     NAR           JAKOR
        SUSAP KMCOK7CSILKY K70    C     N28155504W081191329                    W0061     NAR           SILKY
        SUSAP KMCOK7CTRAMP K70    R     N28101317W081190971                    W0061     NAR           TRAMP

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7FI36R  ATRAMP 010TRAMPK7PC0E  A    IF                              + 05000     18000                0 NS
        SUSAP KMCOK7FI36R  ATRAMP 020FLOZYK7PC0E  B    TF                              + 04000                          0 NS
        SUSAP KMCOK7FI36R  ATRAMP 030SILKYK7PC0EE      CF IOJPK7      1855011100550032PI  + 03000                          0 NS
        SUSAP KMCOK7FI36R  I      010SILKYK7PC0E  I    IF IOJPK7      18550111        PI  J 0300001600180000               0 NS
        SUSAP KMCOK7FI36R  I      020JAKORK7PC0E  F    CF IOJPK7      1855006700500044PI  H 0160001600        -300ORL   K7D 0 NS
        SUSAP KMCOK7FI36R  I      030RW36RK7PG0GY M    CF IOJPK7      1855002100500046PI    00147             -300           0 NS
        SUSAP KMCOK7FI36R  I      040         0  M     CA                     0055        + 00500                          0 NS
        SUSAP KMCOK7FI36R  I      050OR   K7DB0NY      DF                             + 03000                          0 NS
        SUSAP KMCOK7FI36R  I      060OR   K7DB0NE  R   HM                     0697T010    + 03000                          0 NS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7GRW36R   0120050055 N28245515W081191904+0000    -0000200091000056200IIOJP3

                1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7IIOJP3   011070RW36RN28270145W0811920380055N28250551W0811923630752 10500314300W00605600088

                1         2         3         4         5         6         7         8         9         0         1         2         3
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 92**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-OJP**	**ILS OR LOC RWY 36R, AMDT 10** 02/05/2015 **ILS RWY 36R (CAT II), ILS RWY 36R (CAT III)** **ILS RWY 36R (SA CAT I)**	AMDT: **9C** DATED: **09/20/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7SORL  K7D               0   18018003025                                                                  M
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 92**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-OJP**	**ILS OR LOC RWY 36R, AMDT 10** 02/05/2015 **ILS RWY 36R (CAT II), ILS RWY 36R (CAT III)** **ILS RWY 36R (SA CAT I)**	AMDT: **9C** DATED: **09/20/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	TRAMP	TRAMP	010	IAF	IF		FB				AA 05000	
	TRAMP	FLOZY	020		TF		FB				AA 04000	
	TRAMP	SILKY	030		CF		FB		005.5()	003.2	AA 03000	
		SILKY	010	FACF	IF		FB				AA 03000 GI 01600	
		JAKOR	020	FAF	CF		FB		005.0()	004.4	GI 01600 GS 01600	
		RW36R	030	MAP	CF		FO		005.0()	004.6	AT 00147	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		005.5()		AA 00500	
	OR	050		DF		FO				AA 03000	
	OR	060		HM	R	FO		069.7()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ORL	N283233.81	W0812006.07	N2832.564	W08120.101
	IOJP (DME)	N282700.76	W0811918.01	N2827.013	W08119.300
	OR	N283024.64	W0812602.13	N2830.411	W08126.036
	FLOZY	N281245.27	W0811911.27	N2812.755	W08119.188
	JAKOR	N282020.72	W0811916.11	N2820.345	W08119.269
	SILKY	N281555.04	W0811913.29	N2815.917	W08119.222
	TRAMP	N281013.17	W0811909.71	N2810.220	W08119.162
	RW36R	N282455.15	W0811919.04	N2824.919	W08119.317
	IOJP (LOC)	N282701.45	W0811920.38	N2827.024	W08119.340

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36R	00091	56

CITY AND STATE	ELEVATION: **96** **TDZE: 92**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-OJP**	**ILS OR LOC RWY 36R, AMDT 10** 02/05/2015 **ILS RWY 36R (CAT II), ILS RWY 36R (CAT III)** **ILS RWY 36R (SA CAT I)**	AMDT: **9C** DATED: **09/20/2012**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES **- TITLE 14 CFR PART 97.25**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - LOC

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ORL   K7011220VTHA N28323381W081200607    N28323381W081200607E0000001022     NARORLANDO
        SUSAD KMCOK7 IOJP  K7011070 IT                    IOJPN28270076W081191801     000960     NARORLANDO INTL
        SUSADB       OR    K7002210HOLW N28302464W081260213                    W0060           NARHERNY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7AMCO     0     120YHN28254580W081183240W006000096         1800018000C    MNAR    ORLANDO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7CFLOZY K70    C     N28124527W081191127                    W0061     NAR           FLOZY
        SUSAP KMCOK7CJAKOR K70    C     N28202072W081191611                    W0061     NAR           JAKOR
        SUSAP KMCOK7CSILKY K70    C     N28155504W081191329                    W0061     NAR           SILKY
        SUSAP KMCOK7CTRAMP K70    R     N28101317W081190971                    W0061     NAR           TRAMP
        SUSAP KMCOK7CUVEKE K70    C     N28230687W081191788                    W0061     NAR           UVEKE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7FL36R  ATRAMP 010TRAMPK7PC0E  A    IF                                + 05000     18000                0 NS
        SUSAP KMCOK7FL36R  ATRAMP 020FLOZYK7PC0E  B    TF                                + 04000                          0 NS
        SUSAP KMCOK7FL36R  ATRAMP 030SILKYK7PC0EE      CF IOJPK7      1855011100550032PI  + 03000                          0 NS
        SUSAP KMCOK7FL36R  L      010SILKYK7PC0E  I    IF IOJPK7      18550111        PI  + 03000     18000                0 NS
        SUSAP KMCOK7FL36R  L      020JAKORK7PC0E  F    CF IOJPK7      1855006700500044PI  + 01600                ORL   K7D 0 NS
        SUSAP KMCOK7FL36R  L      021UVEKEK7PC0E S     CF IOJPK7      1855003900500028PI  + 00540           -301          0 NS
        SUSAP KMCOK7FL36R  L      030RW36RK7PG0GY M    CF IOJPK7      1855002100500018PI    00147           -301          0 NS
        SUSAP KMCOK7FL36R  L      040         0  M     CA                      0055        + 00500                          0 NS
        SUSAP KMCOK7FL36R  L      050OR   K7DB0NY      DF                                + 03000                          0 NS
        SUSAP KMCOK7FL36R  L      060OR   K7DB0NE  R   HM                      0697T010    + 03000                          0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7GRW36R   0120050055 N28245515W081191904+0000    -0000200091000056200IIOJP3

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7IIOJP3   011070RW36RN28270145W0811920380055N28250551W0811923630752 10500314300W00605600088
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 92**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-OJP**	**ILS OR LOC RWY 36R, AMDT 10** 02/05/2015 **ILS RWY 36R (CAT II), ILS RWY 36R (CAT III)** **ILS RWY 36R (SA CAT I)**	AMDT: **9C** DATED: **09/20/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7SORL  K7D                0   18018003025                                                              M
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 92**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-OJP**	**ILS OR LOC RWY 36R, AMDT 10** 02/05/2015 **ILS RWY 36R (CAT II), ILS RWY 36R (CAT III)** **ILS RWY 36R (SA CAT I)**	AMDT: **9C** DATED: **09/20/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	TRAMP	TRAMP	010	IAF	IF		FB				AA 05000	
	TRAMP	FLOZY	020		TF		FB				AA 04000	
	TRAMP	SILKY	030		CF		FB		005.5()	003.2	AA 03000	
		SILKY	010	FACF	IF		FB				AA 03000	
		JAKOR	020	FAF	CF		FB		005.0()	004.4	AA 01600	
		UVEKE	021	SDF	CF		FB		005.0()	002.8	AA 00540	
		RW36R	030	MAP	CF		FO		005.0()	001.8	AT 00147	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		005.5()		AA 00500	
	OR	050		DF		FO				AA 03000	
	OR	060		HM	R	FO		069.7()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ORL	N283233.81	W0812006.07	N2832.564	W08120.101
	IOJP (DME)	N282700.76	W0811918.01	N2827.013	W08119.300
	OR	N283024.64	W0812602.13	N2830.411	W08126.036
	FLOZY	N281245.27	W0811911.27	N2812.755	W08119.188
	JAKOR	N282020.72	W0811916.11	N2820.345	W08119.269
	SILKY	N281555.04	W0811913.29	N2815.917	W08119.222
	TRAMP	N281013.17	W0811909.71	N2810.220	W08119.162
	UVEKE	N282306.87	W0811917.88	N2823.115	W08119.298
	RW36R	N282455.15	W0811919.04	N2824.919	W08119.317
	IOJP (LOC)	N282701.45	W0811920.38	N2827.024	W08119.340

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36R	00091	56

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 92**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-OJP**	**ILS OR LOC RWY 36R, AMDT 10** 02/05/2015 **ILS RWY 36R (CAT II), ILS RWY 36R (CAT III)** **ILS RWY 36R (SA CAT I)**	AMDT: **9C** DATED: **09/20/2012**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
KAKEY (IAF)	HERVI (FB)	185.48 / 3.19	4000
HERVI (IF)	FONIK (FB)	185.48 / 3.16	3000
FONIK	SEEDO (FB)	185.48 / 1.58	2500
SEEDO	COCAS (FB)	185.48 / 3.16	1500
COCAS (FAF)	JAXES/1.31 NM TO RW17L (FB)	185.48 / 2.95	
JAXES/1.31 NM TO RW17L	RW17L (MAP) (FO)	185.48 / 1.31	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17L

CLIMB TO 500 THEN CLIMBING LEFT TURN TO 3000 DIRECT PRESK AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT KAKEY
3. FAC: 185.48 FAF: COCAS DIST FAF TO MAP: 4.26 THLD: 4.26
4. MIN. ALT: KAKEY 4000, HERVI 4000, FONIK 3000, SEEDO 2500, COCAS 1500, JAXES/1.31 NM TO RW17L 560*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1500 GS ALT AT: COCAS 1500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 54.5 34:1 IS CLEAR
8. MSA FROM: RW17L 3000

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 319.79 INBOUND.
CHART FAS OBST: 241 POLE 282745N/0811718W
DISTANCE TO THLD FROM 200 HAT: 0.46 NM.
WAAS CHANNEL # 69214
REFERENCE PATH ID: W17B
CHART IN PLANVIEW: EXECUTIVE AIRPORT
CHART CIRCLING ICON.
LTP HAE: -0.6 M

MAG VAR: 6W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	290	2400	200	290	2400	200	290	2400	200	290	2400	200			
LNAV/VNAV DA	515	4800	425	515	4800	425	515	4800	425	515	4800	425			
LNAV MDA	500	2400	410	500	2400	410	500	4000	410	500	4000	410			
CIRCLING	740	1	644	740	1	644	740	1 3/4	644	740	2	644			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -1C (31F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: BRIGHT LIGHTS ON HIGHWAY MIDWAY BETWEEN RWY 17L AND RWY 17R MAY BE MISTAKEN FOR (SEE FORM 8260-10)

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 96 TDZE: 90 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ORLANDO, FL	ORLANDO INTL	RNAV	RNAV (GPS) RWY 17L, AMDT 1 5 FEBRUARY 2015	AMDT: ORIG-B DATED 10/17/2013

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW17L (MAP)	500 MSL	185.48	500
500 MSL	PRESK (FO)		3000

NOTES, (CONT.):
RUNWAY LIGHTS.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 17R AND RWY 18L, OR RWY 17R AND RWY 18R.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: FOR INOPERATIVE ALSF, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 3/8 MILE, AND LNAV CATS C/D VISIBILITY TO RVR 6000.
***LNAV ONLY.**
CHART PLANVIEW NOTE: RADAR REQUIRED.

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ORLANDO, FL	ELEVATION: 96 TDZE: 90 AIRPORT NAME: ORLANDO INTL	RNAV	RNAV (GPS) RWY 17L, AMDT 1 5 FEBRUARY 2015	SUP: AMDT: ORIG-B DATED: 10/17/2013

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMCO
RUNWAY	RW17L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17B
LTP/FTP LATITUDE	282637.3070N
LTP/FTP LONGITUDE	0811657.2920W
LTP/FTP ELLIPSOIDAL HEIGHT	-00006
FPAP LATITUDE	282507.9800N
FPAP LONGITUDE	0811656.3800W
THRESHOLD CROSSING HEIGHT (TCH)	00054.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0008
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	44181450

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00273
FPAP ORTHOMETRIC HEIGHT	+00273

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ORLANDO, FL	ELEVATION: 96 TDZE: 90 AIRPORT NAME: ORLANDO INTL	RNAV	RNAV (GPS) RWY 17L, AMDT 1 5 FEBRUARY 2015	SUP: AMDT: ORIG-B DATED: 10/17/2013

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   COCAS K70    C     N28305342W081165992                      W0062     NAR           COCAS
        SUSAEAENRT   FONIK K70    C     N28353856W081170285                      W0062     NAR           FONIK
        SUSAEAENRT   HERVI K70    C     N28384865W081170481                      W0062     NAR           HERVI
        SUSAEAENRT   JAXES K70    C     N28275590W081165810                      W0062     WGE           JAXES
        SUSAEAENRT   KAKEY K70    C     N28420069W081170679                      W0062     NAR           KAKEY
        SUSAEAENRT   PRESK K70    C   L N28201033W081081622                      W0062     NAR           PRESK
        SUSAEAENRT   SEEDO K70    C     N28340351W081170187                      W0062     NAR           SEEDO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7AMCO     0     120YHN28254580W081183240W006000096         1800018000C    MNAR    ORLANDO INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7FR17L  AKAKEY 010KAKEYK7EA0E  A    IF                                + 04000     18000                A JS
        SUSAP KMCOK7FR17L  AKAKEY 020HERVIK7EA0EE B 010TF                     18550032    + 04000                          A JS
        SUSAP KMCOK7FR17L  R      010HERVIK7EA0E  I    IF                                + 04000     18000                A JS
        SUSAP KMCOK7FR17L  R      011FONIKK7EA0E S  051TF                     18550032    + 03000                          A JS
        SUSAP KMCOK7FR17L  R      012SEEDOK7EA0E S  051TF                     18550016    + 02500                          A JS
        SUSAP KMCOK7FR17L  R      020COCASK7EA1E  F 051TF                     18550032    + 01500                RW17L K7PGA JS
        SUSAP KMCOK7FR17L  R      020COCASK7EA2WALPV       ALNAV/VNAV ALNAV                                                 JS
        SUSAP KMCOK7FR17L  R      021JAXESK7EA0E S  031TF                     18550030    V 0056000560        -300         A JS
        SUSAP KMCOK7FR17L  R      030RW17LK7PG0GY M 031TF                     18550013      00144             -300         A JS
        SUSAP KMCOK7FR17L  R      040         0  M     CA                     1855        + 00500                          A JS
        SUSAP KMCOK7FR17L  R      050PRESKK7EA0EY  L   DF                                + 03000                          A JS
        SUSAP KMCOK7FR17L  R      060PRESKK7EA0EE  R   HM                     31980040    + 03000                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7GRW17L   0090011855 N28263731W081165729+0000    -000060009000005515OIIARK2

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7PR17L  RW17L001 0000W17B0N2826373070W08116572920-000060300N2825079800W0811656380010675000800054 5F40035044181450
        SUSAP KMCOK7PR17L  RW17L002E      +00273+00273LPV       69214

                1         2         3         4         5         6         7         8         9         0         1         2         3
```

QUALITY 4

CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 90**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 17L, AMDT 1** 5 FEBRUARY 2015	AMDT: **ORIG-B**
				DATED: **10/17/2013**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7SRW17LK7PG               0   18018003025                                                                  M
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 96 TDZE: 90 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	ORLANDO INTL	RNAV	RNAV (GPS) RWY 17L, AMDT 1 5 FEBRUARY 2015	AMDT: ORIG-B DATED: 10/17/2013

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	KAKEY	KAKEY	010	IAF	IF		FB				AA 04000	
	KAKEY	HERVI	020		TF		FB	1.0	185.5(179.5T)	003.2	AA 04000	
		HERVI	010	FACF	IF		FB				AA 04000	
		FONIK	011	SDF	TF		FB	0.5	185.5(179.5T)	003.2	AA 03000	
		SEEDO	012	SDF	TF		FB	0.5	185.5(179.5T)	001.6	AA 02500	
		COCAS	020	FAF	TF		FB	0.5	185.5(179.5T)	003.2	AA 01500	
		JAXES	021	SDF	TF		FB	0.3	185.5(179.5T)	003.0	AA 00560	GS 00560
		RW17L	030	MAP	TF		FO	0.3	185.5(179.5T)	001.3	AT 00144	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		185.5(179.5T)		AA 00500	
	PRESK	050		DF	L	FO				AA 03000	
	PRESK	060		HM	R	FO		319.8(313.8T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COCAS	N283053.42	W0811659.92	N2830.890	W08116.999
	FONIK	N283538.56	W0811702.85	N2835.643	W08117.048
	HERVI	N283848.65	W0811704.81	N2838.811	W08117.080
	JAXES	N282755.90	W0811658.10	N2827.932	W08116.968
	KAKEY	N284200.69	W0811706.79	N2842.012	W08117.113
	PRESK	N282010.33	W0810816.22	N2820.172	W08108.270
	SEEDO	N283403.51	W0811701.87	N2834.059	W08117.031
	RW17L	N282637.31	W0811657.29	N2826.622	W08116.955

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17L	00090	55

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 90**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 17L, AMDT 1** 5 FEBRUARY 2015	AMDT: **ORIG-B**
				DATED: **10/17/2013**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SACRO (IAF)	DALTY (FB)	185.47 / 6.30	4000
DALTY (IF)	ELLAN (FB)	185.47 / 3.15	3000
ELLAN	GLOSI (FB)	185.47 / 1.58	2500
GLOSI	MINCO (FB)	185.47 / 2.84	1600
MINCO (FAF)	RW17R (MAP) (FO)	185.47 / 4.52	
RW17R (MAP)	290 MSL	185.47	
290 MSL	FOBUK (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17R

CLIMB TO 3000 DIRECT FOBUK AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT SACRO
3. FAC: 185.47 FAF: MINCO DIST FAF TO MAP: 4.52 THLD: 4.52
4. MIN. ALT: SACRO 4000, DALTY 4000, ELLAN 3000, GLOSI 2500, MINCO 1600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1600 GS ALT AT: MINCO 1600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 53.0 34:1 IS CLEAR
8. MSA FROM: RW17R 3000

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 005.47 INBOUND.
FAS OBST: 295 AAO 283002N/0811711W
DISTANCE TO THLD FROM 200 HAT: 0.46 NM.
CHART VDP AT 1.62 MILES TO RW17R*
*LNAV ONLY.
WAAS CHANNEL # 72913
REFERENCE PATH ID: W17A
CHART IN PLANVIEW: EXECUTIVE AIRPORT
CHART CIRCLING ICON
LTP HAE: -0.4 M

MAG VAR: 6W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	290	2400	200	290	2400	200	290	2400	200	290	2400	200			
LNAV/VNAV DA	526	5000	436	526	5000	436	526	5000	436	526	5000	436			
LNAV MDA	660	2400	570	660	2400	570	660	1 1/4	570	660	1 1/4	570			
CIRCLING	740	1	644	740	1	644	740	1 3/4	644	740	2	644			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -1C (31F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART NOTE: BRIGHT LIGHTS ON HIGHWAY MIDWAY BETWEEN RWY 17L AND RWY 17R MAY BE MISTAKEN FOR RUNWAY (SEE FORM 8260-10)

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 96 TDZE: 90 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ORLANDO, FL	ORLANDO INTL	RNAV	RNAV (GPS) RWY 17R, ORIG-C 5 FEBRUARY 2015	AMDT: ORIG-B
				DATED 10/17/2013

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NOTES, (CONT.):
LIGHTS.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 17L AND RWY18L, OR RWY 17L AND RWY 18R.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE LNAV CATS C/D VISIBILITY TO 1 5/8 MILE.

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ORLANDO, FL	**ELEVATION: 96** **TDZE: 90** AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 17R, ORIG-C** 5 FEBRUARY 2015	SUP: AMDT: **ORIG-B** DATED: **10/17/2013**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMCO
RUNWAY	RW17R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	282608.2025N
LTP/FTP LONGITUDE	0811745.1655W
LTP/FTP ELLIPSOIDAL HEIGHT	-00004
FPAP LATITUDE	282429.1950N
FPAP LONGITUDE	0811744.1335W
THRESHOLD CROSSING HEIGHT (TCH)	00053.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	DBE7E869

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00275
FPAP ORTHOMETRIC HEIGHT	+00275

QUALITY 4 CHECKED

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   DALTY K70    C     N28381548W081175280                    W0062     NAR           DALTY
        SUSAEAENRT   ELLAN K70    C     N28350599W081175081                    W0062     NAR           ELLAN
        SUSAEAENRT   FOBUK K70    C     N28121908W081173650                    W0061     NAR           FOBUK
        SUSAEAENRT   GLOSI K70    C     N28333095W081174981                    W0062     NAR           GLOSI
        SUSAEAENRT   MINCO K70    C     N28303998W081174802                    W0062     NAR           MINCO
        SUSAEAENRT   SACRO K70    C     N28443445W081175678                    W0062     NAR           SACRO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7AMCO     0     120YHN28254580W081183240W006000096         1800018000C    MNAR    ORLANDO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7FR17R  ASACRO 010SACROK7EA0E  A    IF                              + 04000     18000                A JS
        SUSAP KMCOK7FR17R  ASACRO 020DALTYK7EA0EE B 010TF                    18550063    + 04000                          A JS
        SUSAP KMCOK7FR17R  R      010DALTYK7EA0E  I    IF                              + 04000     18000                A JS
        SUSAP KMCOK7FR17R  R      011ELLANK7EA0E S  051TF                    18550032    + 03000                          A JS
        SUSAP KMCOK7FR17R  R      012GLOSIK7EA0E S  051TF                    18550016    + 02500                          A JS
        SUSAP KMCOK7FR17R  R      020MINCOK7EA1E  F 051TF                    18550028    + 01600                RW17R K7PGA JS
        SUSAP KMCOK7FR17R  R      020MINCOK7EA2WALPV       ALNAV/VNAV ALNAV                                               JS
        SUSAP KMCOK7FR17R  R      030RW17RK7PG0GY M 031TF                    18550045      00143            -300          A JS
        SUSAP KMCOK7FR17R  R      040         0  M     CA                    1855        + 00290                          A JS
        SUSAP KMCOK7FR17R  R      050FOBUKK7EA0EY      DF                              + 03000                          A JS
        SUSAP KMCOK7FR17R  R      060FOBUKK7EA0EE  R   HM                    00550040    + 03000                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7GRW17R   0100001855 N28260820W081174517+0000    -000040009000005315OIIDIZ2

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7PR17R  RW17R001 0000W17A0N2826082025W08117451655-000040300N2824291950W0811744133510675000000053OF400350DBE7E869
        SUSAP KMCOK7PR17R  RW17R002E      +00275+00275LPV       72913

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
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QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 90**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 17R, ORIG-C** 5 FEBRUARY 2015	AMDT: **ORIG-B**
				DATED: **10/17/2013**

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```
SUSAP KMCOK7SRW17RK7PG          0   18018003025                                    M
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 96 TDZE: 90	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: ORLANDO INTL	RNAV	RNAV (GPS) RWY 17R, ORIG-C 5 FEBRUARY 2015	AMDT: ORIG-B DATED: 10/17/2013

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	SACRO	SACRO	010	IAF	IF		FB				AA 04000	
	SACRO	DALTY	020		TF		FB	1.0	185.5(179.5T)	006.3	AA 04000	
		DALTY	010	FACF	IF		FB				AA 04000	
		ELLAN	011	SDF	TF		FB	0.5	185.5(179.5T)	003.2	AA 03000	
		GLOSI	012	SDF	TF		FB	0.5	185.5(179.5T)	001.6	AA 02500	
		MINCO	020	FAF	TF		FB	0.5	185.5(179.5T)	002.8	AA 01600	
		RW17R	030	MAP	TF		FO	0.3	185.5(179.5T)	004.5	AT 00143	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		185.5(179.5T)		AA 00290	
	FOBUK	050		DF		FO				AA 03000	
	FOBUK	060		HM	R	FO		005.5(359.5T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DALTY	N283815.48	W0811752.80	N2838.258	W08117.880
	ELLAN	N283505.99	W0811750.81	N2835.100	W08117.847
	FOBUK	N281219.08	W0811736.50	N2812.318	W08117.608
	GLOSI	N283330.95	W0811749.81	N2833.516	W08117.830
	MINCO	N283039.98	W0811748.02	N2830.666	W08117.800
	SACRO	N284434.45	W0811756.78	N2844.574	W08117.946
	RW17R	N282608.20	W0811745.17	N2826.137	W08117.753

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17R	00090	53

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 90**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 17R, ORIG-C** 5 FEBRUARY 2015	AMDT: **ORIG-B**
				DATED: **10/17/2013**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZANTI (IAF)	HABRA (FB)	185.46 / 4.98	4000
HABRA (IF)	GIPNE (FB)	185.46 / 3.15	3000
GIPNE	COBOP (FB)	185.46 / 2.52	2200
COBOP (FAF)	NAPPA/1.30 NM TO RW18L (FB)	185.46 / 5.15	
NAPPA/1.30 NM TO RW18L	RW18L (MAP) (FO)	185.46 / 1.30	
RW18L (MAP)	500 MSL	185.46	500
500 MSL	CAMBE (FO)		4000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW18L

CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 4000 DIRECT CAMBE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ZANTI
3. FAC: 185.46 FAF: COBOP DIST FAF TO MAP: 6.45 THLD: 6.45
4. MIN. ALT: ZANTI 4000, HABRA 4000, GIPNE 3000, COBOP 2200, NAPPA/1.30 NM TO RW18L 560*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2200 GS ALT AT: COBOP 2200 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS CLEAR
8. MSA FROM: RW18L 3000

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 047.36 INBOUND.
CHART FAS OBST: 218 POLE 282700N/0811903W
DISTANCE TO THLD FROM 200 HAT: 0.45 NM.
WAAS CHANNEL # 66012
REFERENCE PATH ID: W18A
CHART IN PLANVIEW: EXECUTIVE AIRPORT
CHART CIRCLING ICON.
LTP HAE: .3 M

MAG VAR: 6W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	296	4000	200	296	4000	200	296	4000	200	296	4000	200			
LNAV/VNAV DA	398	5000	302	398	5000	302	398	5000	302	398	5000	302			
LNAV MDA	480	5500	384	480	5500	384	480	6000	384	480	6000	384			
CIRCLING	740	1	644	740	1	644	740	1 3/4	644	740	2	644			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -1C (31F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
(SEE FORM 8260-10)

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 96 TDZE: 96 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ORLANDO, FL	ORLANDO INTL	RNAV	RNAV (GPS) RWY 18L, AMDT 1 5 FEBRUARY 2015	AMDT: ORIG-B DATED 10/17/2013

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
***LNAV ONLY**
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 17L/R.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

QUALITY 9 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ORLANDO, FL	**ELEVATION: 96** **TDZE: 96** AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 18L, AMDT 1** 5 FEBRUARY 2015	SUP: AMDT: **ORIG-B** DATED: **10/17/2013**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMCO
RUNWAY	RW18L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	282654.0035N
LTP/FTP LONGITUDE	0811920.3020W
LTP/FTP ELLIPSOIDAL HEIGHT	+00003
FPAP LATITUDE	282455.1465N
FPAP LONGITUDE	0811919.0355W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	556D42FD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00282
FPAP ORTHOMETRIC HEIGHT	+00282

QUALITY 9 CHECKED

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CAMBE K70    C   L N28185776W081364618                    W0059     NAR           CAMBE
        SUSAEAENRT   COBOP K70    W     N28332174W081192444                    W0062     NAR           COBOP
        SUSAEAENRT   GIPNE K70    W     N28355356W081192606                    W0062     NAR           GIPNE
        SUSAEAENRT   HABRA K70    W     N28390332W081192809                    W0062     NAR           HABRA
        SUSAEAENRT   NAPPA K70    W     N28281221W081192114                    W0061     WGE           NAPPA
        SUSAEAENRT   ZANTI K70    W     N28440265W081193130                    W0062     NAR           ZANTI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7AMCO     0     120YHN28254580W081183240W006000096         1800018000C    MNAR    ORLANDO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7FR18L  AZANTI 010ZANTIK7EA0E  A    IF                                + 04000     18000                A JS
        SUSAP KMCOK7FR18L  AZANTI 020HABRAK7EA0EE B 010TF                    18550050    + 04000                          A JS
        SUSAP KMCOK7FR18L  R      010HABRAK7EA0E  I    IF                                + 04000     18000                A JS
        SUSAP KMCOK7FR18L  R      011GIPNEK7EA0E S  051TF                    18550032    + 03000                          A JS
        SUSAP KMCOK7FR18L  R      020COBOPK7EA1E  F 051TF                    18550025    + 02200                RW18L K7PGA JS
        SUSAP KMCOK7FR18L  R      020COBOPK7EA2WALPV       ALNAV/VNAV ALNAV                                               JS
        SUSAP KMCOK7FR18L  R      021NAPPAK7EA0E S  031TF                    18550052    V 0056000565        -300       A JS
        SUSAP KMCOK7FR18L  R      030RW18LK7PG0GY M 031TF                    18550013      00147             -300       A JS
        SUSAP KMCOK7FR18L  R      040         0  M     CA                    1855        + 00500                      A JS
        SUSAP KMCOK7FR18L  R      050CAMBEK7EA0EY  R   DF                              + 04000                      A JS
        SUSAP KMCOK7FR18L  R      060CAMBEK7EA0EE  R   HM                    04740040    + 04000                      A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7GRW18L   0120051855 N28265400W081192030+0000    +000030009200005520OR

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7PR18L  RW18L001 0000W18A0N2826540035W08119203020+000030300N2824551465W0811919035510675000000550F400350556D42FD
        SUSAP KMCOK7PR18L  RW18L002E      +00282+00282LPV       66012

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
```

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 96**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 18L, AMDT 1** 5 FEBRUARY 2015	AMDT: **ORIG-B**
				DATED: **10/17/2013**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

SUSAP KMCOK7SRW18LK7PG 0 18018003025 M

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 96 TDZE: 96	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: ORLANDO INTL	RNAV	RNAV (GPS) RWY 18L, AMDT 1 5 FEBRUARY 2015	AMDT: ORIG-B DATED: 10/17/2013

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ZANTI	ZANTI	010	IAF	IF		FB				AA 04000	
	ZANTI	HABRA	020		TF		FB	1.0	185.5(179.5T)	005.0	AA 04000	
		HABRA	010	FACF	IF		FB				AA 04000	
		GIPNE	011	SDF	TF		FB	0.5	185.5(179.5T)	003.2	AA 03000	
		COBOP	020	FAF	TF		FB	0.5	185.5(179.5T)	002.5	AA 02200	
		NAPPA	021	SDF	TF		FB	0.3	185.5(179.5T)	005.2	AA 00560	GS 00565
		RW18L	030	MAP	TF		FO	0.3	185.5(179.5T)	001.3	AT 00147	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		185.5(179.5T)		AA 00500	
	CAMBE	050		DF	R	FO				AA 04000	
	CAMBE	060		HM	R	FO		047.4(041.4T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CAMBE	N281857.76	W0813646.18	N2818.963	W08136.770
	COBOP	N283321.74	W0811924.44	N2833.362	W08119.407
	GIPNE	N283553.56	W0811926.06	N2835.893	W08119.434
	HABRA	N283903.32	W0811928.09	N2839.055	W08119.468
	NAPPA	N282812.21	W0811921.14	N2828.204	W08119.352
	ZANTI	N284402.65	W0811931.30	N2844.044	W08119.522
	RW18L	N282654.00	W0811920.30	N2826.900	W08119.338

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18L	00092	55

CITY AND STATE	ELEVATION: **96** TDZE: **96** / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	**ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 18L, AMDT 1** 5 FEBRUARY 2015	AMDT: **ORIG-B**
				DATED: **10/17/2013**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
NAVAL (IF)	ONNER (FB)	185.45 / 3.15	4000
ONNER	HAMMY (FB)	185.45 / 3.15	3000
HAMMY	TUFFE (FB)	185.45 / 2.52	2200
TUFFE (FAF)	RW18R (MAP) (FO)	185.45 / 6.44	
RW18R (MAP)	500 MSL	185.45	500
500 MSL	CAMBE (FO)		4000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW18R

CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 4000 DIRECT CAMBE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT NAVAL**
3. FAC: **185.45** FAF: **TUFFE** DIST FAF TO MAP: **6.44** THLD: **6.44**
4. MIN. ALT: **NAVAL 4000, ONNER 4000, HAMMY 3000, TUFFE 2200**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **2200** GS ALT AT: **TUFFE 2200** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **55.3** **34:1 IS CLEAR**
8. MSA FROM: **RW18R 3000**

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 047.36 INBOUND.
CHART FAS OBST: 250 COMM TWR 282837N/0811924W
DISTANCE TO THLD FROM 200 HAT: 0.46 NM.
CHART VDP AT 1.18 MILES TO RW18R*
***LNAV ONLY.**
WAAS CHANNEL # 63212
REFERENCE PATH ID: W18B
CHART CIRCLING ICON.
CHART IN PLANVIEW: EXECUTIVE AIRPORT.
LTP HAE: .3 M

MAG VAR: **6W** EPOCH YEAR: **2015**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	294	2400	200	294	2400	200	294	2400	200	294	2400	200			
LNAV/VNAV DA	390	2400	296	390	2400	296	390	2400	296	390	2400	296			
LNAV MDA	540	2400	446	540	2400	446	540	4500	446	540	4500	446			
CIRCLING	740	1	644	740	1	644	740	1 3/4	644	740	2	644			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -1C (31F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
(SEE FORM 8260-10)

QUALITY 9 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ORLANDO, FL	**ELEVATION: 96** **TDZE: 94** AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 18R, AMDT 1** 5 FEBRUARY 2015	AMDT: **ORIG-B** DATED **10/17/2013**

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NOTES, (CONT.):
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 17L/R.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

QUALITY 9 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ORLANDO, FL	**ELEVATION: 96** **TDZE: 94** AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 18R, AMDT 1** 5 FEBRUARY 2015	SUP: AMDT: **ORIG-B** DATED: **10/17/2013**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMCO
RUNWAY	RW18R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18B
LTP/FTP LATITUDE	282653.8565N
LTP/FTP LONGITUDE	0811937.1090W
LTP/FTP ELLIPSOIDAL HEIGHT	+00003
FPAP LATITUDE	282455.0070N
FPAP LONGITUDE	0811935.8290W
THRESHOLD CROSSING HEIGHT (TCH)	00055.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	D34EDC85

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00282
FPAP ORTHOMETRIC HEIGHT	+00282

QUALITY 9 CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CAMBE K70    C   L N28185776W081364618                    W0059     NAR           CAMBE
        SUSAEAENRT   HAMMY K70    C     N28355333W081194298                    W0062     NAR           HAMMY
        SUSAEAENRT   NAVAL K70    C     N28421285W081194712                    W0062     NAR           NAVAL
        SUSAEAENRT   ONNER K70    C     N28390309W081194505                    W0062     NAR           ONNER
        SUSAEAENRT   TUFFE K70    C     N28332152W081194132                    W0062     NAR           TUFFE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7AMCO     0     120YHN28254580W081183240W006000096         1800018000C    MNAR    ORLANDO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7FR18R  R      010NAVALK7EA0E  I    IF                                + 04000     18000                A JS
        SUSAP KMCOK7FR18R  R      011ONNERK7EA0E S  051TF                    18550032    + 04000                          A JS
        SUSAP KMCOK7FR18R  R      012HAMMYK7EA0E S  051TF                    18550032    + 03000                          A JS
        SUSAP KMCOK7FR18R  R      020TUFFEK7EA1E  F 051TF                    18550025    + 02200                RW18R K7PGA JS
        SUSAP KMCOK7FR18R  R      020TUFFEK7EA2WALPV       ALNAV/VNAV ALNAV                                                 JS
        SUSAP KMCOK7FR18R  R      030RW18RK7PG0GY M 031TF                    18550064      00148             -300          A JS
        SUSAP KMCOK7FR18R  R      040         0  M     CA                    1855        + 00500                          A JS
        SUSAP KMCOK7FR18R  R      050CAMBEK7EA0EY  R   DF                                + 04000                          A JS
        SUSAP KMCOK7FR18R  R      060CAMBEK7EA0EE  R   HM                    04740040    + 04000                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7GRW18R   0120041855 N28265386W081193711-0012    +000030009300005520OIITFE1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7PR18R  RW18R001 0000W18BON2826538565W08119371090+000030300N2824550070W0811935829010675000000053F400350D34EDC85
        SUSAP KMCOK7PR18R  RW18R002E      +00282+00282LPV       63212

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7SRW18RK7PG               0   18018003025                                                                  M
```

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 94**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 18R, AMDT 1** 5 FEBRUARY 2015	AMDT: **ORIG-B**
				DATED: **10/17/2013**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		NAVAL	010	FACF	IF		FB				AA 04000	
		ONNER	011	SDF	TF		FB	0.5	185.5(179.5T)	003.2	AA 04000	
		HAMMY	012	SDF	TF		FB	0.5	185.5(179.5T)	003.2	AA 03000	
		TUFFE	020	FAF	TF		FB	0.5	185.5(179.5T)	002.5	AA 02200	
		RW18R	030	MAP	TF		FO	0.3	185.5(179.5T)	006.4	AT 00148	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		185.5(179.5T)		AA 00500	
	CAMBE	050		DF	R	FO				AA 04000	
	CAMBE	060		HM	R	FO		047.4(041.4T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CAMBE	N281857.76	W0813646.18	N2818.963	W08136.770
	HAMMY	N283553.33	W0811942.98	N2835.889	W08119.716
	NAVAL	N284212.85	W0811947.12	N2842.214	W08119.785
	ONNER	N283903.09	W0811945.05	N2839.052	W08119.751
	TUFFE	N283321.52	W0811941.32	N2833.359	W08119.689
	RW18R	N282653.86	W0811937.11	N2826.898	W08119.619

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18R	00093	55

CITY AND STATE	ELEVATION: **96** **TDZE: 94**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 18R, AMDT 1** 5 FEBRUARY 2015	AMDT: **ORIG-B**
				DATED: **10/17/2013**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ODDEL (IAF)	FOBUK (NOPT) (FB)	320.89 / 9.27	4000
FOBUK (IF/IAF)	FITEM (FB)	005.47 / 3.15	3000
FITEM	SPURR (FB)	005.47 / 4.41	1600
SPURR (FAF)	AMICI/1.24 NM TO RW35L (FB)	005.47 / 3.33	
AMICI/1.24 NM TO RW35L	RW35L (MAP) (FO)	005.47 / 1.24	
RW35L (MAP)	288 MSL	005.47	
288 MSL	SACRO (FO)		4000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35L

CLIMB TO 4000 DIRECT SACRO AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S FOBUK, RT, 005.47 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 005.47 FAF: SPURR DIST FAF TO MAP: 4.57 THLD: 4.57
4. MIN. ALT: FOBUK 4000, FITEM 3000, SPURR 1600, AMICI/1.24 NM TO RW35L 540*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1600 GS ALT AT: SPURR 1600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 56.8 34:1 IS CLEAR
8. MSA FROM: RW35L 3000

ADDITIONAL FLIGHT DATA:
HOLD N, LT, 185.47 INBOUND.
CHART FAS OBST: 233 POLE 282319N/0811700W
DISTANCE TO THLD FROM 200 HAT: 0.45 NM.
WAAS CHANNEL # 45813
REFERENCE PATH ID: W35B
CHART IN PLANVIEW: EXECUTIVE AIRPORT.
CHART CIRCLING ICON.
LTP HAE: -1.5 M

MAG VAR: 6W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	288	2400	200	288	2400	200	288	2400	200	288	2400	200			
LNAV/VNAV DA	407	2700	319	407	2700	319	407	2700	319	407	2700	319			
LNAV MDA	500	2400	412	500	2400	412	500	4000	412	500	4000	412			
CIRCLING	740	1	644	740	1	644	740	1 3/4	644	740	2	644			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -1C (31F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: BRIGHT LIGHTS ON HIGHWAY MIDWAY BETWEEN RWY 35L AND RWY 35R MAY BE MISTAKEN FOR RUNWAY LIGHTS.
(SEE FORM 8260-10)

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 96 TDZE: 88 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ORLANDO, FL	ORLANDO INTL	RNAV	RNAV (GPS) RWY 35L, AMDT 1 5 FEBRUARY 2015	AMDT: ORIG-B DATED 09/20/2012

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT ODDEL ON V267-295-531 SOUTHBOUND, AND V441 EASTBOUND.

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 35R, AND RWY 36L, OR RWY 35R AND RWY 36R.

CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

***LNAV ONLY**

CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 5100 AND LNAV CAT C/D VISIBILITY TO RVR 6000.

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ORLANDO, FL	**ELEVATION: 96** **TDZE: 88** AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 35L, AMDT 1** 5 FEBRUARY 2015	SUP: AMDT: **ORIG-B** DATED: **09/20/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMCO
RUNWAY	RW35L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35B
LTP/FTP LATITUDE	282429.1950N
LTP/FTP LONGITUDE	0811744.1335W
LTP/FTP ELLIPSOIDAL HEIGHT	-00015
FPAP LATITUDE	282608.2025N
FPAP LONGITUDE	0811745.1655W
THRESHOLD CROSSING HEIGHT (TCH)	00056.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	B40D977C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00264
FPAP ORTHOMETRIC HEIGHT	+00264

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ORLANDO, FL	ELEVATION: 96 TDZE: 88 AIRPORT NAME: ORLANDO INTL	RNAV	RNAV (GPS) RWY 35L, AMDT 1 5 FEBRUARY 2015	SUP: AMDT: ORIG-B DATED: 09/20/2012

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AMICI K70    C     N28231433W081174335                     W0061     WGE           AMICI
        SUSAEAENRT   FITEM K70    C     N28152858W081173848                     W0061     NAR           FITEM
        SUSAEAENRT   FOBUK K70    C     N28121908W081173650                     W0061     NAR           FOBUK
        SUSAEAENRT   ODDEL K70    C   L N28054551W081101024                     W0062     NAR           ODDEL
        SUSAEAENRT   SACRO K70    C     N28443445W081175678                     W0062     NAR           SACRO
        SUSAEAENRT   SPURR K70    C     N28195409W081174126                     W0061     NAR           SPURR

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7AMCO     0     120YHN28254580W081183240W006000096         1800018000C    MNAR    ORLANDO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7FR35L  AFOBUK 010FOBUKK7EA0EE AR   HF                    00550040    + 04000     18000                A JS
        SUSAP KMCOK7FR35L  AODDEL 010ODDELK7EA0E  A    IF                                        18000                A JS
        SUSAP KMCOK7FR35L  AODDEL 020FOBUKK7EA0EE B 010TF                    32090093    + 04000                          A JS
        SUSAP KMCOK7FR35L  R      010FOBUKK7EA0E  I    IF                              + 04000     18000                A JS
        SUSAP KMCOK7FR35L  R      011FITEMK7EA0E S  051TF                    00550032    + 03000                          A JS
        SUSAP KMCOK7FR35L  R      020SPURRK7EA1E  F 051TF                    00550044    + 01600                RW35L K7PGA JS
        SUSAP KMCOK7FR35L  R      020SPURRK7EA2WALPV       ALNAV/VNAV ALNAV                                               JS
        SUSAP KMCOK7FR35L  R      021AMICIK7EA0E S  031TF                    00550033    V 0054000541        -300         A JS
        SUSAP KMCOK7FR35L  R      030RW35LK7PG0GY M 031TF                    00550012      00144             -300         A JS
        SUSAP KMCOK7FR35L  R      040         0  M     CA                    0055        + 00288                          A JS
        SUSAP KMCOK7FR35L  R      050SACROK7EA0EY      DF                              + 04000                          A JS
        SUSAP KMCOK7FR35L  R      060SACROK7EA0EE  L   HM                    18550040    + 04000                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7GRW35L   0100000055 N28242920W081174413+0000    -000150008700005715OIIIDO3

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7PR35L  RW35L001 0000W35B0N2824291950W08117441335-000150300N2826082025W0811745165510675000000568F400350B40D977C
        SUSAP KMCOK7PR35L  RW35L002E      +00264+00264LPV       45813

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 88**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 35L, AMDT 1** 5 FEBRUARY 2015	AMDT: **ORIG-B**
				DATED: **09/20/2012**

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SUSAP KMCOK7SRW35LK7PG              0   18018003025                                                              M
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 96 TDZE: 88	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: 4
ORLANDO, FL	AIRPORT NAME: ORLANDO INTL	RNAV	RNAV (GPS) RWY 35L, AMDT 1 5 FEBRUARY 2015	AMDT: ORIG-B
				DATED: 09/20/2012

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	FOBUK	FOBUK	010	IAF	HF	R	FO		005.5(359.5T)	004.0	AA 04000	
	ODDEL	ODDEL	010	IAF	IF		FB					
	ODDEL	FOBUK	020		TF		FB	1.0	320.9(314.9T)	009.3	AA 04000	
		FOBUK	010	FACF	IF		FB				AA 04000	
		FITEM	011	SDF	TF		FB	0.5	005.5(359.5T)	003.2	AA 03000	
		SPURR	020	FAF	TF		FB	0.5	005.5(359.5T)	004.4	AA 01600	
		AMICI	021	SDF	TF		FB	0.3	005.5(359.5T)	003.3	AA 00540 GS 00541	
		RW35L	030	MAP	TF		FO	0.3	005.5(359.5T)	001.2	AT 00144	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		005.5(359.5T)		AA 00288	
	SACRO	050		DF		FO				AA 04000	
	SACRO	060		HM	L	FO		185.5(179.5T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AMICI	N282314.33	W0811743.35	N2823.239	W08117.723
	FITEM	N281528.58	W0811738.48	N2815.476	W08117.641
	FOBUK	N281219.08	W0811736.50	N2812.318	W08117.608
	ODDEL	N280545.51	W0811010.24	N2805.759	W08110.171
	SACRO	N284434.45	W0811756.78	N2844.574	W08117.946
	SPURR	N281954.09	W0811741.26	N2819.902	W08117.688
	RW35L	N282429.20	W0811744.13	N2824.487	W08117.736

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35L	00087	57

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: **96** TDZE: **88**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 35L, AMDT 1** 5 FEBRUARY 2015	AMDT: **ORIG-B**
				DATED: **09/20/2012**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ODDEL (IAF)	SERAY (FB)	326.81 / 9.29	4000
SERAY (IF/IAF)	FESHA (FB)	005.48 / 3.15	3000
FESHA	HEWES (FB)	005.48 / 4.41	1600
HEWES (FAF)	WOLDI/1.24 NM TO RW35R (FB)	005.48 / 3.33	
WOLDI/1.24 NM TO RW35R	RW35R (MAP) (FO)	005.48 / 1.24	
RW35R (MAP)	500 MSL	005.48	500
500 MSL	PRESK (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35R

CLIMB TO 500 THEN CLIMBING RIGHT TURN 3000 DIRECT PRESK AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S SERAY, RT, 005.48 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 005.48 FAF: HEWES DIST FAF TO MAP: 4.57 THLD: 4.57
4. MIN. ALT: SERAY 4000, FESHA 3000, HEWES 1600, WOLDI/1.24 NM TO RW35R 540*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1600 GS ALT AT: HEWES 1600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 54.9 34:1 IS CLEAR
8. MSA FROM: RW35R 3000

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 319.79 INBOUND.
CHART FAS OBST: 199 POLE 282504N/0811638W
DISTANCE TO THLD FROM 200 HAT: 0.46 NM.
WAAS CHANNEL # 86314
REFERENCE PATH ID: W35A
CHART IN PLANVIEW: EXECUTIVE AIRPORT
CHART CIRCLING ICON.
LTP HAE: -0.6 M

MAG VAR: 6W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	290	2400	200	290	2400	200	290	2400	200	290	2400	200			
LNAV/VNAV DA	360	2400	270	360	2400	270	360	2400	270	360	2400	270			
LNAV MDA	460	2400	370	460	2400	370	460	3500	370	460	3500	370			
CIRCLING	740	1	644	740	1	644	740	1 3/4	644	740	2	644			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -1C (31F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE LPV ALL CATS VISIBILITY TO RVR 2800, LNAV/VNAV ALL CATS (SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 96 TDZE: 90 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ORLANDO, FL	ORLANDO INTL	RNAV	RNAV (GPS) RWY 35R, AMDT 1 5 FEBRUARY 2015	4 AMDT: ORIG-B DATED 09/20/2012

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
VISIBILITY TO RVR 4500, AND LNAV CATS C/D VISIBILITY TO RVR 5500.
CHART NOTE: BRIGHT LIGHTS ON HIGHWAY MIDWAY BETWEEN RWY 35L AND RWY 35R MAY BE MISTAKEN FOR RUNWAY LIGHTS.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT ODDEL ON V267-295-531 SOUTHBOUND, AND V441 EASTBOUND.
CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 35L AND RWY 36L, OR RWY 35L AND RWY 36R.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
***LNAV ONLY**

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ORLANDO, FL	**ELEVATION: 96** **TDZE: 90** AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 35R, AMDT 1** 5 FEBRUARY 2015	SUP: AMDT: **ORIG-B** DATED: **09/20/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMCO
RUNWAY	RW35R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	282508.1970N
LTP/FTP LONGITUDE	0811656.3800W
LTP/FTP ELLIPSOIDAL HEIGHT	-00006
FPAP LATITUDE	282637.5300N
FPAP LONGITUDE	0811657.3000W
THRESHOLD CROSSING HEIGHT (TCH)	00054.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0008
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	DED696FA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00273
FPAP ORTHOMETRIC HEIGHT	+00273

QUALITY 4 CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAEAENRT   FESHA K70    C     N28160797W081165084                    W0061     NAR           FESHA
        SUSAEAENRT   HEWES K70    C     N28203326W081165356                    W0061     NAR           HEWES
        SUSAEAENRT   ODDEL K70    C   L N28054551W081101024                    W0062     NAR           ODDEL
        SUSAEAENRT   PRESK K70    C   L N28201033W081081622                    W0062     NAR           PRESK
        SUSAEAENRT   SERAY K70    C     N28125847W081164890                    W0061     NAR           SERAY
        SUSAEAENRT   WOLDI K70    C     N28235350W081165561                    W0062     WGE           WOLDI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7AMCO     0     120YHN28254580W081183240W006000096         1800018000C    MNAR    ORLANDO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7FR35R  AODDEL 010ODDELK7EA0E  A    IF                                          18000                A JS
        SUSAP KMCOK7FR35R  AODDEL 020SERAYK7EA0EE B 010TF                    32680093    + 04000                      A JS
        SUSAP KMCOK7FR35R  ASERAY 010SERAYK7EA0EE AR   HF                    00550040    + 04000     18000            A JS
        SUSAP KMCOK7FR35R  R      010SERAYK7EA0E  I    IF                                + 04000     18000            A JS
        SUSAP KMCOK7FR35R  R      011FESHAK7EA0E S  051TF                    00550032    + 03000                      A JS
        SUSAP KMCOK7FR35R  R      020HEWESK7EA1E  F 051TF                    00550044    + 01600           RW35R K7PGA JS
        SUSAP KMCOK7FR35R  R      020HEWESK7EA2WALPV       ALNAV/VNAV ALNAV                                          JS
        SUSAP KMCOK7FR35R  R      021WOLDIK7EA0E S  031TF                    00550033    V 0054000540   -300          A JS
        SUSAP KMCOK7FR35R  R      030RW35RK7PG0GY M 031TF                    00550012      00145        -300          A JS
        SUSAP KMCOK7FR35R  R      040         0  M     CA                    0055        + 00500                      A JS
        SUSAP KMCOK7FR35R  R      050PRESKK7EA0EY  R   DF                              + 03000                      A JS
        SUSAP KMCOK7FR35R  R      060PRESKK7EA0EE  R   HM                    31980040    + 03000                      A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7GRW35R   0090010055 N28250820W081165638+0000    -000060009000005515OIICER2

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7PR35R  RW35R001 0000W35A0N2825081970W08116563800-000060300N2826375300W0811657300010675000800054 9F400350DED696FA
        SUSAP KMCOK7PR35R  RW35R002E      +00273+00273LPV       86314

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
```

QUALITY 4

CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 90**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 35R, AMDT 1** 5 FEBRUARY 2015	AMDT: **ORIG-B**
				DATED: **09/20/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
----------------------------------------------------------------------------------------------------------------------------
SUSAP KMCOK7SRW35RK7PG              0   18018003025                                                              M
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: **96** TDZE: **90**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 35R, AMDT 1** 5 FEBRUARY 2015	AMDT: **ORIG-B**
				DATED: **09/20/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ODDEL	ODDEL	010	IAF	IF		FB					
	ODDEL	SERAY	020		TF		FB	1.0	326.8(320.8T)	009.3	AA 04000	
	SERAY	SERAY	010	IAF	HF	R	FO		005.5(359.5T)	004.0	AA 04000	
		SERAY	010	FACF	IF		FB				AA 04000	
		FESHA	011	SDF	TF		FB	0.5	005.5(359.5T)	003.2	AA 03000	
		HEWES	020	FAF	TF		FB	0.5	005.5(359.5T)	004.4	AA 01600	
		WOLDI	021	SDF	TF		FB	0.3	005.5(359.5T)	003.3	AA 00540 GS 00540	
		RW35R	030	MAP	TF		FO	0.3	005.5(359.5T)	001.2	AT 00145	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		005.5(359.5T)		AA 00500	
	PRESK	050		DF	R	FO				AA 03000	
	PRESK	060		HM	R	FO		319.8(313.8T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FESHA	N281607.97	W0811650.84	N2816.133	W08116.847
	HEWES	N282033.26	W0811653.56	N2820.554	W08116.893
	ODDEL	N280545.51	W0811010.24	N2805.759	W08110.171
	PRESK	N282010.33	W0810816.22	N2820.172	W08108.270
	SERAY	N281258.47	W0811648.90	N2812.975	W08116.815
	WOLDI	N282353.50	W0811655.61	N2823.892	W08116.927
	RW35R	N282508.20	W0811656.38	N2825.137	W08116.940

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35R	00090	55

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: **96** TDZE: **90**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 35R, AMDT 1** 5 FEBRUARY 2015	AMDT: **ORIG-B**
				DATED: **09/20/2012**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MINEE	BOYAB (FB)	091.25 / 14.78	4000
BOYAB (IAF)	EXBAN (NOPT) (FB)	065.57 / 8.75	4000
EXBAN (IF/IAF)	AMEBE (FB)	005.46 / 3.15	3000
AMEBE	BERDY (FB)	005.46 / 4.42	1600
BERDY (FAF)	RUTNE/2.00 NM TO RW36L (FB)	005.46 / 2.57	
RUTNE/2.00 NM TO RW36L	RW36L (MAP) (FO)	005.46 / 2.00	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW36L

CLIMB TO 500 THEN CLIMBING LEFT TURN TO 3000 DIRECT HERNY LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S EXBAN, LT, 005.46 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 005.46 FAF: BERDY DIST FAF TO MAP: 4.57 THLD: 4.57
4. MIN. ALT: EXBAN 4000, AMEBE 3000, BERDY 1600, RUTNE/2.00 NM TO RW36L 780*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1600 GS ALT AT: BERDY 1600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS CLEAR
8. MSA FROM: RW36L 3000

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 069.70 INBOUND.
CHART FAS OBST: 223 POLE 282503N/0812001W
CHART: 363 TOWER 282030N/0812029W
DISTANCE TO THLD FROM 200 HAT: 0.45 NM.
CHART VDP AT 1.00 MILES TO RW36L*
*LNAV ONLY.
WAAS CHANNEL # 82313
REFERENCE PATH ID: W36B
CHART IN PLANVIEW: EXECUTIVE AIRPORT.
CHART CIRCLING ICON.
LTP HAE: -.1 M

MAG VAR: 6W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	293	4000	200	293	4000	200	293	4000	200	293	4000	200			
LNAV/VNAV DA	412	5000	319	412	5000	319	412	5000	319	412	5000	319			
LNAV MDA	480	5500	387	480	5500	387	480	6000	387	480	6000	387			
CIRCLING	740	1	644	740	1	644	740	1 3/4	644	740	2	644			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -1C (31F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 35L/R.
(SEE FORM 8260-10)

QUALITY 9 CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	SUP:
ORLANDO, FL	ELEVATION: 96 TDZE: 93 ORLANDO INTL	RNAV	RNAV (GPS) RWY 36L, AMDT 1 5 FEBRUARY 2015	AMDT: ORIG-B DATED 09/20/2012

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW36L (MAP)	500 MSL	005.46	500
500 MSL	HERNY LOM (FO)		3000

NOTES, (CONT.):
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

QUALITY 9 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ORLANDO, FL	ELEVATION: 96 TDZE: 93 AIRPORT NAME: ORLANDO INTL	RNAV	RNAV (GPS) RWY 36L, AMDT 1 5 FEBRUARY 2015	SUP: AMDT: ORIG-B DATED: 09/20/2012

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMCO
RUNWAY	RW36L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36B
LTP/FTP LATITUDE	282455.0070N
LTP/FTP LONGITUDE	0811935.8290W
LTP/FTP ELLIPSOIDAL HEIGHT	-00001
FPAP LATITUDE	282653.8565N
FPAP LONGITUDE	0811937.1090W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	886426E3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00278
FPAP ORTHOMETRIC HEIGHT	+00278

QUALITY 9 CHECKED

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AMEBE K70    W     N28155468W081193008                      W0061     WGE           AMEBE
        SUSAEAENRT   BERDY K70    W     N28202036W081193290                      W0061     NAR           BERDY
        SUSAEAENRT   BOYAB K70    W     N28081864W081280031                      W0060     NAR           BOYAB
        SUSAEAENRT   EXBAN K70    W     N28124491W081192806                      W0061     NAR           EXBAN
        SUSAEAENRT   HERNY K70    C     N28302447W081260205                      W0061     NAR           HERNY LOM
        SUSAEAENRT   MINEE K70    C   L N28070602W081444018                      W0058     NAR           MINEE
        SUSAEAENRT   RUTNE K70    W     N28225469W081193455                      W0061     WGE           RUTNE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7AMCO     0     120YHN28254580W081183240W006000096         1800018000C    MNAR    ORLANDO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7FR36L  AEXBAN 010EXBANK7EA0EE AL   HF                     00550040    + 04000     18000                A JS
        SUSAP KMCOK7FR36L  AMINEE 010MINEEK7EA0E       IF                                         18000                A JS
        SUSAP KMCOK7FR36L  AMINEE 020BOYABK7EA0E  A 020TF                     09130148    + 04000                          A JS
        SUSAP KMCOK7FR36L  AMINEE 030EXBANK7EA0EE B 010TF                     06560088    + 04000                          A JS
        SUSAP KMCOK7FR36L  R      010EXBANK7EA0E  I    IF                                + 04000     18000                A JS
        SUSAP KMCOK7FR36L  R      011AMEBEK7EA0E S  051TF                     00550032    + 03000                          A JS
        SUSAP KMCOK7FR36L  R      020BERDYK7EA1E  F 051TF                     00550044    + 01600               RW36L K7PGA JS
        SUSAP KMCOK7FR36L  R      020BERDYK7EA2WALPV       ALNAV/VNAV ALNAV                                              JS
        SUSAP KMCOK7FR36L  R      021RUTNEK7EA0E S  031TF                     00550026    V 0078000782        -300      A JS
        SUSAP KMCOK7FR36L  R      030RW36LK7PG0GY M 031TF                     00550020      00146             -300      A JS
        SUSAP KMCOK7FR36L  R      040         0  M     CA                     0055        + 00500                      A JS
        SUSAP KMCOK7FR36L  R      050HERNYK7EA0EY  L   DF                                + 03000                      A JS
        SUSAP KMCOK7FR36L  R      060HERNYK7EA0EE  R   HM                     06970040    + 03000                      A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7GRW36L   0120040055 N28245501W081193583+0012    -0000100091000055200R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7PR36L  RW36L001 0000W36B0N2824550070W08119358290-000010300N2826538565W0811937109010675000000550F400350886426E3
        SUSAP KMCOK7PR36L  RW36L002E      +00278+00278LPV       82313
```

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 93**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 36L, AMDT 1** 5 FEBRUARY 2015	AMDT: **ORIG-B**
				DATED: **09/20/2012**

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```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAP KMCOK7SRW36LK7PG               0   18018003025                                                              M
```

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 93**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 36L, AMDT 1** 5 FEBRUARY 2015	AMDT: **ORIG-B**
				DATED: **09/20/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	EXBAN	EXBAN	010	IAF	HF	L	FO		005.5(359.5T)	004.0	AA 04000	
	MINEE	MINEE	010		IF		FB					
	MINEE	BOYAB	020	IAF	TF		FB	2.0	091.3(085.3T)	014.8	AA 04000	
	MINEE	EXBAN	030		TF		FB	1.0	065.6(059.6T)	008.8	AA 04000	
		EXBAN	010	FACF	IF		FB				AA 04000	
		AMEBE	011	SDF	TF		FB	0.5	005.5(359.5T)	003.2	AA 03000	
		BERDY	020	FAF	TF		FB	0.5	005.5(359.5T)	004.4	AA 01600	
		RUTNE	021	SDF	TF		FB	0.3	005.5(359.5T)	002.6	AA 00780	GS 00782
		RW36L	030	MAP	TF		FO	0.3	005.5(359.5T)	002.0	AT 00146	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		005.5(359.5T)		AA 00500	
	HERNY	050		DF	L	FO				AA 03000	
	HERNY	060		HM	R	FO		069.7(063.7T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AMEBE	N281554.68	W0811930.08	N2815.911	W08119.501
	BERDY	N282020.36	W0811932.90	N2820.339	W08119.548
	BOYAB	N280818.64	W0812800.31	N2808.311	W08128.005
	EXBAN	N281244.91	W0811928.06	N2812.749	W08119.468
	HERNY	N283024.47	W0812602.05	N2830.408	W08126.034
	MINEE	N280706.02	W0814440.18	N2807.100	W08144.670
	RUTNE	N282254.69	W0811934.55	N2822.912	W08119.576
	RW36L	N282455.01	W0811935.83	N2824.917	W08119.597

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36L	00091	55

CITY AND STATE	ELEVATION: **96** **TDZE: 93**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 36L, AMDT 1** 5 FEBRUARY 2015	AMDT: **ORIG-B**
				DATED: **09/20/2012**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MINEE	BOYAB (FB)	091.25 / 14.78	4000
BOYAB (IAF)	FLOZY (NOPT) (FB)	066.34 / 8.96	4000
FLOZY (IF/IAF)	SILKY (FB)	005.46 / 3.15	3000
SILKY	JAKOR (FB)	005.46 / 4.42	1600
JAKOR (FAF)	RW36R (MAP) (FO)	005.46 / 4.56	
RW36R (MAP)	500 MSL	005.46	500
500 MSL	HERNY LOM (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW36R

CLIMB TO 500 THEN CLIMBING LEFT TURN TO 3000 DIRECT HERNY LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD S FLOZY, LT, 005.46 INBOUND, 4000 FT. IN LIEU OF PT (IAF)**
3. FAC: **005.46** FAF: **JAKOR** DIST FAF TO MAP: **4.56** THLD: **4.56**
4. MIN. ALT: **FLOZY 4000, SILKY 3000, JAKOR 1600**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **1600** GS ALT AT: **JAKOR 1600** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **56.4** **34:1 IS CLEAR**
8. MSA FROM: **RW36R 3000**

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 069.70 INBOUND.
FAS OBST: 280 AAO 282116N/0811949W
CHART: 363 TOWER 282030N/0812029W
CHART IN PLANVIEW: EXECUTIVE AIRPORT
DISTANCE TO THLD FROM 200 HAT: 0.45 NM.
CHART VDP AT 1.18 MILES TO RW36R*
***LNAV ONLY.**
WAAS CHANNEL # 40212
REFERENCE PATH ID: W36A
CHART CIRCLING ICON
LTP HAE: -.2 M

MAG VAR: **6W** EPOCH YEAR: **2015**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	292	2400	200	292	2400	200	292	2400	200	292	2400	200			
LNAV/VNAV DA	454	3500	362	454	3500	362	454	3500	362	454	3500	362			
LNAV MDA	540	2400	448	540	2400	448	540	4500	448	540	4500	448			
CIRCLING	740	1	644	740	1	644	740	1 3/4	644	740	2	644			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -1C (31F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 35L/R.
(SEE FORM 8260-10)

QUALITY 9 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ORLANDO, FL	**ELEVATION: 96 TDZE: 92** AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 36R, AMDT 1** 5 FEBRUARY 2015	AMDT: **ORIG-B** DATED **09/20/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART NOTE: CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

QUALITY 9 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ORLANDO, FL	**ELEVATION: 96** **TDZE: 92** AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 36R, AMDT 1** 5 FEBRUARY 2015	SUP: AMDT: **ORIG-B** DATED: **09/20/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMCO
RUNWAY	RW36R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	282455.1465N
LTP/FTP LONGITUDE	0811919.0355W
LTP/FTP ELLIPSOIDAL HEIGHT	-00002
FPAP LATITUDE	282654.0035N
FPAP LONGITUDE	0811920.3020W
THRESHOLD CROSSING HEIGHT (TCH)	00056.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	FFD12C25

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00277
FPAP ORTHOMETRIC HEIGHT	+00277

QUALITY 9 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ORLANDO, FL	ELEVATION: 96 TDZE: 92 AIRPORT NAME: ORLANDO INTL	RNAV	RNAV (GPS) RWY 36R, AMDT 1 5 FEBRUARY 2015	SUP: AMDT: ORIG-B DATED: 09/20/2012

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BOYAB K70    W     N28081864W081280031                      W0060     NAR           BOYAB
        SUSAEAENRT   FLOZY K70    C     N28124527W081191127                      W0061     NAR           FLOZY
        SUSAEAENRT   HERNY K70    C     N28302447W081260205                      W0061     NAR           HERNY LOM
        SUSAEAENRT   JAKOR K70    C     N28202072W081191611                      W0061     NAR           JAKOR
        SUSAEAENRT   MINEE K70    C   L N28070602W081444018                      W0058     NAR           MINEE
        SUSAEAENRT   SILKY K70    C     N28155504W081191329                      W0061     NAR           SILKY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7AMCO     0     120YHN28254580W081183240W006000096         1800018000C    MNAR    ORLANDO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7FR36R  AFLOZY 010FLOZYK7EA0EE AL   HF                      00550040    + 04000     18000                A JS
        SUSAP KMCOK7FR36R  AMINEE 010MINEEK7EA0E       IF                                          18000                A JS
        SUSAP KMCOK7FR36R  AMINEE 020BOYABK7EA0E  A 020TF                      09130148    + 04000                          A JS
        SUSAP KMCOK7FR36R  AMINEE 030FLOZYK7EA0EE B 010TF                      06630090    + 04000                          A JS
        SUSAP KMCOK7FR36R  R      010FLOZYK7EA0E  I    IF                                  + 04000     18000                A JS
        SUSAP KMCOK7FR36R  R      011SILKYK7EA0E S  051TF                      00550032    + 03000                          A JS
        SUSAP KMCOK7FR36R  R      020JAKORK7EA1E  F 051TF                      00550044    + 01600                RW36R K7PGA JS
        SUSAP KMCOK7FR36R  R      020JAKORK7EA2WALPV       ALNAV/VNAV ALNAV                                                  JS
        SUSAP KMCOK7FR36R  R      030RW36RK7PG0GY M 031TF                      00550046      00147           -300           A JS
        SUSAP KMCOK7FR36R  R      040         0  M     CA                      0055        + 00500                          A JS
        SUSAP KMCOK7FR36R  R      050HERNYK7EA0EY  L   DF                                  + 03000                          A JS
        SUSAP KMCOK7FR36R  R      060HERNYK7EA0EE  R   HM                      06970040    + 03000                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7GRW36R   0120050055 N28245515W081191904+0000    -000020009100005620OIIOJP3

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7PR36R  RW36R001 0000W36A0N2824551465W08119190355-000020300N2826540035W0811920302010675000000564F400350FFD12C25
        SUSAP KMCOK7PR36R  RW36R002E      +00277+00277LPV       40212

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: **96** **TDZE: 92**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 36R, AMDT 1** 5 FEBRUARY 2015	AMDT: **ORIG-B**
				DATED: **09/20/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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SUSAP KMCOK7SRW36RK7PG              0   18018003025                                                              M
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QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 96 TDZE: 92	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: ORLANDO INTL	RNAV	RNAV (GPS) RWY 36R, AMDT 1 5 FEBRUARY 2015	AMDT: ORIG-B
				DATED: 09/20/2012

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	FLOZY	FLOZY	010	IAF	HF	L	FO		005.5(359.5T)	004.0	AA 04000	
	MINEE	MINEE	010		IF		FB					
	MINEE	BOYAB	020	IAF	TF		FB	2.0	091.3(085.3T)	014.8	AA 04000	
	MINEE	FLOZY	030		TF		FB	1.0	066.3(060.3T)	009.0	AA 04000	
		FLOZY	010	FACF	IF		FB				AA 04000	
		SILKY	011	SDF	TF		FB	0.5	005.5(359.5T)	003.2	AA 03000	
		JAKOR	020	FAF	TF		FB	0.5	005.5(359.5T)	004.4	AA 01600	
		RW36R	030	MAP	TF		FO	0.3	005.5(359.5T)	004.6	AT 00147	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		005.5(359.5T)		AA 00500	
	HERNY	050		DF	L	FO				AA 03000	
	HERNY	060		HM	R	FO		069.7(063.7T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BOYAB	N280818.64	W0812800.31	N2808.311	W08128.005
	FLOZY	N281245.27	W0811911.27	N2812.755	W08119.188
	HERNY	N283024.47	W0812602.05	N2830.408	W08126.034
	JAKOR	N282020.72	W0811916.11	N2820.345	W08119.269
	MINEE	N280706.02	W0814440.18	N2807.100	W08144.670
	SILKY	N281555.04	W0811913.29	N2815.917	W08119.222
	RW36R	N282455.15	W0811919.04	N2824.919	W08119.317

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36R	00091	56

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: **96** TDZE: **92**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**RNAV**	**RNAV (GPS) RWY 36R, AMDT 1** 5 FEBRUARY 2015	AMDT: **ORIG-B**
				DATED: **09/20/2012**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JOCKS INT/RSW 29.00 DME	PGD VOR	236.06 / 9.24	1900
VIOLA INT/RSW 39.10 DME	PGD VOR	099.45 / 18.40	1900

MISSED APPROACH

MAP: PGD VOR

CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 1600 DIRECT PGD VOR AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, LT, 021.91 INBOUND.
CHART FAS OBST: 329 TOWER 264644N/0820205W
CHART CIRCLING ICON
FAC CROSSES RWY C/L EXTENDED 2998 FROM THLD.

1. PT R SIDE OF COURSE 201.91 OUTBOUND 1600 FT WITHIN 10 MILES OF PGD VOR (IAF)
2.
3. FAC 021.91 FAF DIST FAF TO MAP THLD
4. MIN. ALT
8. MSA FROM: PGD VOR 2600

MAG VAR: 3W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-4	680	1	656	680	1	656	680	1 7/8	656	680	1 7/8	656			
CIRCLING	680	1	654	680	1	654	680	1 3/4	654	740	2	714			

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PAGE FIELD ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET; INCREASE S-4 CATS C/D VISIBILITY 1/8 MILE AND CIRCLING CATS C/D VISIBILITY 1/4 MILE.

CITY AND STATE	ELEVATION: 26 TDZE: 24	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
PUNTA GORDA, FL	AIRPORT NAME: PUNTA GORDA	PGD	VOR RWY 4, ORIG 5 FEBRUARY 2015	AMDT NONE
				DATE

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JANIE INT	MOQ NDB	265.16 / 11.09	3000
HARPS/SSI 39.62 DME	MOQ NDB	306.50 / 15.53	3000
WABIT INT	MOQ NDB	073.54 / 27.16	3000

MISSED APPROACH

MAP: 3.85 MILES AFTER MOQ NDB

CLIMBING RIGHT TURN TO 2300 DIRECT MOQ NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2300.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 328.97 INBOUND.
CHART FAS OBST: 200 TOWER 315134N/0813409W
MQN NDB TO RW33R: 3.43/65.
CHART CIRCLING ICON.
CHART R-3007C, D
CHART R-3005B, C, D, E

1. PT R SIDE OF COURSE 148.97 OUTBOUND 2300 FT WITHIN 10 MILES OF MOQ NDB (IAF)
2.
3. FAC 328.97 FAF MOQ NDB DIST FAF TO MAP 3.85 THLD 3.85
4. MIN. ALT MOQ NDB 1500
8. MSA FROM: MOQ NDB 2600

MAG VAR: 4W EPOCH YEAR:1985

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD @

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-33R	500	1	459	500	1	459	500	1 3/8	459	500	1 3/8	459			
CIRCLING	520	1	474	620	1	574	660	1 3/4	614	680	2	634			

NOTES:

CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SAVANNAH/HILTON HEAD INTL ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, S-33R CAT C/D VISIBILITY 1/8 MILE, AND CIRCLING CAT C/D
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 46 TDZE: 41 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
FORT STEWART(HINESVILLE), GA	WRIGHT AAF (FORT STEWART)/MIDCOAST RGNL	MOQ	NDB RWY 33R, ORIG-B 5 FEBRUARY 2015	AMDT ORIG-A DATE 04/03/2014

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - TITLE 14 CFR PART 97.27

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NOTES, (CONT.):
VISIBILITY 1/4 MILE.
CHART NOTE: PROCEDURE NA WHEN R3005C/D OR R3007C IS ACTIVE AND LHW TOWER IS CLOSED.
CHART NOTE: NIGHT LANDING: RWY 6R NA.
CHART NOTE: CIRCLING NA NORTHEAST OF RWY 15L/33R.

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 46 TDZE: 41 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FORT STEWART(HINESVILLE), GA	WRIGHT AAF (FORT STEWART)/MIDCOAST RGNL	MOQ	NDB RWY 33R, ORIG-B 5 FEBRUARY 2015	AMDT: ORIG-A DATED: 04/03/2014

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BARWU (IF/IAF)	AGOMY (FB)	054.44 / 9.62	1700
AGOMY (FAF)	RW06L (MAP) (FO)	054.52 / 4.99	
RW06L (MAP)	446 MSL	054.52	
446 MSL	BARWU (FO)		3000

MISSED APPROACH

LNAV: RW06L

CLIMBING RIGHT TURN TO 3000 DIRECT BARWU AND HOLD.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 297 TOWER 315102N/0813603W
CHART CIRCLING ICON.
CHART R-3005B, C, D, E.
CHART R-3007C, D.
AGOMY TO RW06L: 3.04/46

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW BARWU, RT, 054.44 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 054.52 FAF: AGOMY DIST FAF TO MAP: 4.99 THLD: 4.99
4. MIN. ALT: BARWU 3000, AGOMY 1700
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW06L 2600

MAG VAR: 4W EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	600	1	554	600	1	554	600	1 1/4	554	600	1 1/4	554			
CIRCLING	600	1	554	620	1	574	660	1 3/4	614	680	2	634			

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SAVANNAH/HILTON HEAD INTL ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, LNAV CAT C AND D VISIBILITY 1/4 MILE, AND CIRCLING CAT C VISIBILITY 1/4 MILE.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 46 TDZE: 46 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
FORT STEWART(HINESVILLE), GA	WRIGHT AAF (FORT STEWART)/MIDCOAST RGNL	RNAV	RNAV (GPS) RWY 6L, ORIG-B 5 FEBRUARY 2015	AMDT: ORIG-A DATED 04/03/2014

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):
CHART NOTE: CIRCLING NA NE OF RWY 15L/33R.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT BARWU ON V578 EASTBOUND.
CHART NOTE: NIGHT LANDING: RWY 6L, 6R NA.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART NOTE: PROCEDURE NA WHEN R3005C/D IS ACTIVE AND LHW TOWER IS CLOSED.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 46 TDZE: 46 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FORT STEWART(HINESVILLE), GA	WRIGHT AAF (FORT STEWART)/MIDCOAST RGNL	RNAV	RNAV (GPS) RWY 6L, ORIG-B 5 FEBRUARY 2015	AMDT: ORIG-A DATED: 04/03/2014

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AGOMY K70    W     N31495244W081384808                    W0064     NAR           AGOMY
        SUSAEAENRT   BARWU K70    C   L N31434421W081473068                    W0063     NAR           BARWU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLHWK7ALHW     0     050YHN31531790W081334184W004000046         1800018000M    MNAR    WRIGHT AAF (FORT STEWART)/MIDC

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLHWK7FR06L  ABARWU 010BARWUK7EA0EE AR   HF                    05440040    + 03000     18000                B JS
        SUSAP KLHWK7FR06L  R      010BARWUK7EA0E  I    IF                                + 03000     18000                B JS
        SUSAP KLHWK7FR06L  R      020AGOMYK7EA1E  F 051TF                    05440096    + 01700                RW06L K7PGB JS
        SUSAP KLHWK7FR06L  R      020AGOMYK7EA2WN          N          ALNAV                                              JS
        SUSAP KLHWK7FR06L  R      030RW06LK7PG0GY M 031TF                    05450050      00089            -304          B JS
        SUSAP KLHWK7FR06L  R      040         0  M     CA                    0545        + 00446                          B JS
        SUSAP KLHWK7FR06L  R      050BARWUK7EA0EY  R   DF                              + 03000                          B JS
        SUSAP KLHWK7FR06L  R      060BARWUK7EA0EE  R   HM                    05440040    + 03000                          B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLHWK7GRW06L   0050080546 N31530329W081341638-0200    -0017300043000046100R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLHWK7SRW06LK7PG              0   18018002625                                                                    M
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: **46** **TDZE: 46**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FORT STEWART(HINESVILLE), GA	AIRPORT NAME: **WRIGHT AAF (FORT STEWART)/MIDCOAST RGNL**	**RNAV**	**RNAV (GPS) RWY 6L, ORIG-B** 5 FEBRUARY 2015	AMDT: **ORIG-A**
				DATED: **04/03/2014**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BARWU	BARWU	010	IAF	HF	R	FO		054.4(050.4T)	004.0	AA 03000	
		BARWU	010	FACF	IF		FB				AA 03000	
		AGOMY	020	FAF	TF		FB	0.5	054.4(050.4T)	009.6	AA 01700	
		RW06L	030	MAP	TF		FO	0.3	054.5(050.5T)	005.0	AT 00089	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		054.5(050.5T)		AA 00446	
	BARWU	050		DF	R	FO				AA 03000	
	BARWU	060		HM	R	FO		054.4(050.4T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AGOMY	N314952.44	W0813848.08	N3149.874	W08138.801
	BARWU	N314344.21	W0814730.68	N3143.737	W08147.511
	RW06L	N315303.29	W0813416.38	N3153.055	W08134.273

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06L	00043	46

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: **46** TDZE: **46** / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FORT STEWART(HINESVILLE), GA	**WRIGHT AAF (FORT STEWART)/MIDCOAST RGNL**	**RNAV**	**RNAV (GPS) RWY 6L, ORIG-B** 5 FEBRUARY 2015	AMDT: **ORIG-A**
				DATED: **04/03/2014**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HARPS (IAF)	RICBO (FB)	294.58 / 9.01	2000
RICBO (IF)	BAARD (FB)	324.63 / 6.14	1600
BAARD (FAF)	RW33R (MAP) (FO)	324.59 / 4.66	
RW33R (MAP)	446 MSL	324.59	
446 MSL	HARPS (FO)		4000

MISSED APPROACH

LNAV: RW33R

CLIMBING RIGHT TURN TO 4000 DIRECT HARPS AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 018.33 INBOUND.
FAS OBST: 219 AAO 315033N/0813031W
CHART R-3005B, C, D, E.
CHART R-3007C, D.
CHART VDP AT 1.19 MILES TO RW33R.
CHART CIRCLING ICON.
BAARD TO RW33R: 3.04/65
CHART 515 TOWER 314834N/0813132W

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT RICBO
3. FAC: 324.59 FAF: BAARD DIST FAF TO MAP: 4.66 THLD: 4.66
4. MIN. ALT: RICBO 2000, BAARD 1600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS CLEAR
8. MSA FROM: RW33R 2600

MAG VAR: 4W EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	480	1	439	480	1	439	480	1 1/8	439	480	1 1/8	439			
CIRCLING	520	1	474	620	1	574	660	1 3/4	614	680	2	634			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SAVANNAH/HILTON HEAD INTL ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND LNAV CATS C AND D VISIBILITY 1/8 MILE AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.
CHART NOTE: NIGHT LANDING: RWY 6R NA.
(SEE FORM 8260-10)

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 46 TDZE: 41 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
FORT STEWART(HINESVILLE), GA	WRIGHT AAF (FORT STEWART)/MIDCOAST RGNL	RNAV	RNAV (GPS) RWY 33R, ORIG-B 5 FEBRUARY 2015	AMDT: ORIG-A DATED 04/03/2014

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):
CHART NOTE: CIRCLING NA NORTHEAST OF RWY 15L/33R.
CHART NOTE: PROCEDURE NA WHEN R3005C/D OR 3007C IS ACTIVE AND LHW TOWER IS CLOSED.
CHART PLANVIEW NOTE: RADAR REQUIRED.

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 46 TDZE: 41 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FORT STEWART(HINESVILLE), GA	WRIGHT AAF (FORT STEWART)/MIDCOAST RGNL	RNAV	RNAV (GPS) RWY 33R, ORIG-B 5 FEBRUARY 2015	AMDT: ORIG-A DATED: 04/03/2014

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BAARD K70    W     N31492521W081294395                    W0065     NAR           BAARD
        SUSAEAENRT   HARPS K70    C   L N31412956W081151575                    W0067     NAR           HARPS
        SUSAEAENRT   RICBO K70    C     N31443974W081250954                    W0066     NAR           RICBO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLHWK7ALHW     0     050YHN31531790W081334184W004000046         1800018000M    MNAR    WRIGHT AAF (FORT STEWART)/MIDC

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLHWK7FR33R  AHARPS 010HARPSK7EA0E  A    IF                                                18000                B JS
        SUSAP KLHWK7FR33R  AHARPS 020RICBOK7EA0EE B 010TF                      29460090    + 02000                          B JS
        SUSAP KLHWK7FR33R  R      010RICBOK7EA0E  I    IF                                + 02000     18000                B JS
        SUSAP KLHWK7FR33R  R      020BAARDK7EA1E  F 051TF                      32460061    + 01600                RW33R K7PGB JS
        SUSAP KLHWK7FR33R  R      020BAARDK7EA2WN          N          ALNAV                                                 JS
        SUSAP KLHWK7FR33R  R      030RW33RK7PG0GY M 031TF                      32460047      00099            -304          B JS
        SUSAP KLHWK7FR33R  R      040         0  M  010CA                      3246        + 00446                          B JS
        SUSAP KLHWK7FR33R  R      050HARPSK7EA0EY  R   DF                                + 04000                          B JS
        SUSAP KLHWK7FR33R  R      060HARPSK7EA0EE  R   HM                      01830040    + 04000                          B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLHWK7GRW33R   0049993246 N31530149W081331228+0100    -00203000330000651OOR

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLHWK7SRW33RK7PG               0   18018002625                                                                    M
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: **46** **TDZE: 41**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FORT STEWART(HINESVILLE), GA	AIRPORT NAME: **WRIGHT AAF (FORT STEWART)/MIDCOAST RGNL**	**RNAV**	**RNAV (GPS) RWY 33R, ORIG-B** 5 FEBRUARY 2015	AMDT: **ORIG-A**
				DATED: **04/03/2014**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HARPS	HARPS	010	IAF	IF		FB					
	HARPS	RICBO	020		TF		FB	1.0	294.6(290.6T)	009.0	AA 02000	
		RICBO	010	FACF	IF		FB				AA 02000	
		BAARD	020	FAF	TF		FB	0.5	324.6(320.6T)	006.1	AA 01600	
		RW33R	030	MAP	TF		FO	0.3	324.6(320.6T)	004.7	AT 00099	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB	1.0	324.6(320.6T)		AA 00446	
	HARPS	050		DF	R	FO				AA 04000	
	HARPS	060		HM	R	FO		018.3(014.3T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BAARD	N314925.21	W0812943.95	N3149.420	W08129.733
	HARPS	N314129.56	W0811515.75	N3141.493	W08115.263
	RICBO	N314439.74	W0812509.54	N3144.662	W08125.159
	RW33R	N315301.49	W0813312.28	N3153.025	W08133.205

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW33R	00033	65

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: **46** TDZE: **41**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FORT STEWART(HINESVILLE), GA	AIRPORT NAME: **WRIGHT AAF (FORT STEWART)/MIDCOAST RGNL**	**RNAV**	**RNAV (GPS) RWY 33R, ORIG-B** 5 FEBRUARY 2015	AMDT: **ORIG-A**
				DATED: **04/03/2014**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HLN VORTAC	HAU NDB	089.65 / 8.40	9700*
CUSDA/HLN 20.00 DME CW (IAF)	ZIMUM/HLN 20.00 DME (NOPT)	20.00 DME ARC	11100
PATRR/HLN 20.00 DME CW (IAF)	ZIMUM/HLN 20.00 DME (NOPT)	20.00 DME ARC	11100
ZIMUM/HLN 20.00 DME CW	DOOKR/HLN 20.00 DME	20.00 DME ARC (HLN LR-081)	10200
HUDVU/HLN 20.00 DME CCW (IAF)	KEDEC/HLN 20.00 DME (NOPT)	20.00 DME ARC	11100
NNORA/HLN 20.00 DME CCW (IAF)	KEDEC/HLN 20.00 DME (NOPT)	20.00 DME ARC	11100
(SEE FORM 8260-10)			

MISSED APPROACH

ILS: DA
LOC: 8.72 MILES AFTER HAU NDB

CLIMB TO 4600 THEN CLIMBING RIGHT TURN TO 9000 ON HEADING 021 AND HLN VORTAC R-336 TO WOKEN/GTF 37.68 DME AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E HAUSER NDB, RT, 266.71 INBOUND, 7400 FT. IN LIEU OF PT (IAF)
3. FAC: 266.71 FAF: HAU NDB PFAF: GELEY DIST FAF TO MAP: 8.72 THLD: 8.72
4. MIN. ALT: YERUT 9000, HAU NDB 7100*, FERRI OM/HLN 4.42 DME 5620*
5. DIST TO THLD FROM OM: 4.73 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1019
6. MIN GS INCPT: 7400 GS ALT AT: GELEY 7400 OM: 5428 MM: - IM: -
7. GS ANGLE: 3.00 TCH: 54.5
8. MSA FROM: HAU NDB 045-225 10800, 225-315 10000, 315-045 9200

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 026.00 INBOUND.
CHART: 175K ICON AT HAU NDB.
CHART: ARRIVAL HOLDING AT JUVGO: HOLD E, RT, 266.71 INBOUND, 11100. (DME REQUIRED).
FAS OBST: 4240 AAO 463447N/1115220W
4280 AAO 463424N/1115045W
CHART HLN R-336 AT CUSDA.
CHART HLN R-008 AT PATRR.
CHART HLN R-058 AT ZIMUM.
CHART HLN R-208 AT HUDVU.
CHART HLN R-175 AT NNORA.
CHART HLN R-103 AT KEDEC.
CHART CIRCLING ICON

MAG VAR: 16E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: # LOC: @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 27	4052	1/2	200	4052	1/2	200	4052	1/2	200	4052	1/2	200	4052	1/2	200
S-LOC 27	5620	3/4	1768	5620	1	1768	5620	3	1768	5620	3	1768	5620	3	1768
CIRCLING	5620	1 1/4	1743	5620	1 1/2	1743	5920	3	2043	5920	3	2043	5920	3	2043
FERRI FIX MINIMUMS*															
S-LOC 27	4520	1/2	668	4520	1/2	668	4520	1 1/2	668	4520	1 1/2	668	4520	1 1/2	668
CIRCLING	4640	1	763	4800	1 1/4	923	5920	3	2043	5920	3	2043	5920	3	2043

NOTES:
CHART PLANVIEW NOTE: ADF OR DME REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
*LOC ONLY
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-LOC 27 CAT C/D/E. FOR INOPERATIVE MALSR, (SEE FORM 8260-10)

#@ NA WHEN CONTROL TOWER CLOSED.
CAT A, B 1800-2, CAT C, D, E 2100-3
@ CAT A, B 1800-2, CAT C, D, E 2100-3

QUALITY 8 CHECKED

CITY AND STATE	ELEVATION: 3877 TDZE: 3852 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
HELENA, MT	HELENA RGNL	I-HLN	ILS OR LOC Z RWY 27, AMDT 2 5 FEBRUARY 2015	AMDT: 1A DATED 05/30/2013

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
KEDEC/HLN 20.00 DME CCW	DOOKR/HLN 20.00 DME	20.00 DME ARC (HLN LR-094)	10200
JUVGO/HLN 22.00 DME (IAF)	DOOKR/HLN 20.00 DME (NOPT)	266.71 / 2.00 (I-HLN)	10200
DOOKR/HLN 20.00 DME	YERUT/HLN 16.40 DME	266.71 / 3.60 (I-HLN)	9000
YERUT/HLN 16.40 DME (IF)	GELEY/HLN 10.67 DME	266.71 / 5.73 (I-HLN)	7400
YERUT/HLN 16.40 DME (IF)	HAU NDB	266.71 / 8.01 (I-HLN)	7100*

NOTES, (CONT.):
INCREASE S-ILS 27 CAT E VISIBILITY TO 3/4 MILE, INCREASE FERRI FIX MINIMUMS: S-LOC 27 CAT C/D/E VISIBILITY TO 1 7/8 MILES.
CHART NOTE: MISSED APPROACH REQUIRES A MINIMUM CLIMB OF 300 FT PER NM TO 6000, IF UNABLE TO MEET CLIMB GRADIENT, SEE ILS OR LOC Y RWY 27.
CIRCLING NA SOUTH OF RWY 9-27 FOR CATS D AND E.
CHART NOTE: NIGHT LANDING: RWY 5, 23, 35 NA.
CHART NOTE: DME FROM HLN VORTAC, SIMULTANEOUS RECEPTION OF I-HLN AND HLN DME REQUIRED.
CHART NOTE: HOLDING AT HAU NDB AUTHORIZED FOR CATEGORY A AND B AIRCRAFT ONLY.

QUALITY 8 CHECKED

CITY AND STATE	ELEVATION: 3877 TDZE: 3852 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
HELENA, MT	HELENA RGNL	I-HLN	ILS OR LOC Z RWY 27, AMDT 2 5 FEBRUARY 2015	AMDT: 1A DATED: 05/30/2013

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SYCAM	MEFIH (FO)	086.56 / 3.35	3000
HURTT (IAF)	MEFIH (NOPT) (FB)	132.78 / 7.51	3000
MEFIH (IF/IAF)	YEVUV (FB)	062.08 / 5.37	2400
YEVUV (FAF)	OJFOB/3.00 NM TO RW06 (FB)	062.13 / 2.52	
OJFOB/3.00 NM TO RW06	RW06 (MAP) (FO)	062.13 / 3.00	
RW06 (MAP)	1100 MSL	062.13	1100
1100 MSL	WUGED (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW06

CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 3000 DIRECT WUGAD AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW MEFIH, RT, 062.08 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 062.13 FAF: YEVUV DIST FAF TO MAP: 5.52 THLD: 5.52
4. MIN. ALT: MEFIH 3000, YEVUV 2400, OJFOB/3.00 NM TO RW06 1580*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2400 GS ALT AT: YEVUV 2400 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
8. MSA FROM: RW06 4100

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 197.56 INBOUND.
CHART FAS OBST: 726 TREE 370819N/0790222W
CHART FAS OBST: 778 TREE 370646N/0790316W
CHART FARMVILLE MOA.
DISTANCE TO THLD FROM 272 HATH: 0.71 NM.
CHART VDP AT 1.25 MILES TO RW06*
*LNAV ONLY.
WAAS CHANNEL # 82333
REFERENCE PATH ID: W06A
CHART CIRCLING ICON
LTP HAE: 150.2 M

MAG VAR: 9W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	868	1	272	868	1	272		NA			NA				
LNAV/VNAV DA	1031	1 1/2	435	1031	1 1/2	435		NA			NA				
LNAV MDA	1040	1	444	1040	1	444		NA			NA				
CIRCLING	1120	1	523	1180	1	583		NA			NA				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (3F) OR ABOVE 54C (130F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HURTT ON V143 NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SYCAM ON V469 SOUTHBOUND.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 597 THRE: 596 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BROOKNEAL, VA	BROOKNEAL/CAMPBELL COUNTY	RNAV	RNAV (GPS) RWY 6, ORIG 5 FEBRUARY 2015	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
***LNAV ONLY**
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LYNCHBURG RNGL/PRESTON GLENN FLD ALTIMETER SETTING AND INCREASE ALL DA 81 FEET AND ALL MDA 100 FEET, INCREASE LPV ALL CATS VISIBILITY 1/8 MILE, AND INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: BARO VNAV AND VDP NA WHEN USING LYNCHBURG RNGL/PRESTON GLENN FLD ALTIMETER SETTING.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BROOKNEAL, VA	**ELEVATION: 597 THRE: 596** AIRPORT NAME: **BROOKNEAL/CAMPBELL COUNTY**	**RNAV**	**RNAV (GPS) RWY 6, ORIG** 5 FEBRUARY 2015	SUP: AMDT: **NONE** DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	0V4
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	370818.9840N
LTP/FTP LONGITUDE	0790117.7695W
LTP/FTP ELLIPSOIDAL HEIGHT	+01502
FPAP LATITUDE	370912.4300N
FPAP LONGITUDE	0785948.5400W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1592
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	AA05991B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01817
FPAP ORTHOMETRIC HEIGHT	+01817

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HURTT K60    R   B N37055734W079195897                      W0089     NAR           HURTT
        SUSAEAENRT   MEFIH K60    W     N37014629W079121141                      W0090     NAR           MEFIH
        SUSAEAENRT   OJFOB K60    W     N37063096W079041793                      W0091     NAR           OJFOB
        SUSAEAENRT   SYCAM K60    C   L N37010297W079161677                      W0090     NAR           SYCAM
        SUSAEAENRT   WUGAD K60    W     N37160989W078560244                      W0092     NAR           WUGED
        SUSAEAENRT   YEVUV K60    W     N37050004W079064937                      W0091     NAR           YEVUV

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 0V4 K6A0V4     0     037YHN37083020W079005900W009000597         1800018000C    MNAR    BROOKNEAL/CAMPBELL COUNTY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 0V4 K6FR06   AHURTT 010HURTTK6EA0E  A    IF                                          18000                A JS
        SUSAP 0V4 K6FR06   AHURTT 020MEFIHK6EA0EE B 010TF                    13280075    + 03000                      A JS
        SUSAP 0V4 K6FR06   ASYCAM 010SYCAMK6EA0E       IF                                          18000                A JS
        SUSAP 0V4 K6FR06   ASYCAM 020MEFIHK6EA0EY   020TF                    08660034    + 03000                      A JS
        SUSAP 0V4 K6FR06   ASYCAM 030MEFIHK6EA0EE AR   HF                    06210040    + 03000                      A JS
        SUSAP 0V4 K6FR06   R      010MEFIHK6EA0E  I    IF                                + 03000      18000           A JS
        SUSAP 0V4 K6FR06   R      020YEVUVK6EA1E  F 051TF                    06210054    + 02400              RW06  K6PGA JS
        SUSAP 0V4 K6FR06   R      020YEVUVK6EA2WALPV       ALNAV/VNAV ALNAV                                           JS
        SUSAP 0V4 K6FR06   R      021OJFOBK6EA0E S  031TF                    06210025    V 0158001596      -300     A JS
        SUSAP 0V4 K6FR06   R      030RW06 K6PG0GY M 031TF                    06210030      00641           -300     A JS
        SUSAP 0V4 K6FR06   R      040         0  M     CA                    0621        + 01100                    A JS
        SUSAP 0V4 K6FR06   R      050WUGADK6EA0EY  L   DF                              + 03000                      A JS
        SUSAP 0V4 K6FR06   R      060WUGADK6EA0EE  R   HM                    19760040    + 03000                      A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 0V4 K6GRW06    0037980622 N37081898W079011777-0200    +01502005960000450 60R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 0V4 K6PR06   RW06 001 0000W06A0N3708189840W07901177695+015020300N3709124300W07859485400106751592000450F400500AA05991B
        SUSAP 0V4 K6PR06   RW06 002E      +01817+01817LPV       82333

                 1         2         3         4         5         6         7         8         9         0         1         2         3
```

CITY AND STATE	ELEVATION: 597 THRE: 596	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BROOKNEAL, VA	AIRPORT NAME: **BROOKNEAL/CAMPBELL COUNTY**	**RNAV**	**RNAV (GPS) RWY 6, ORIG** 5 FEBRUARY 2015	AMDT: **NONE**
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
MSA     1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------
        SUSAP 0V4 K6SRW06 K6PG              0   18018004125                                                        M
```

CITY AND STATE	ELEVATION: 597 THRE: 596	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BROOKNEAL, VA	AIRPORT NAME: **BROOKNEAL/CAMPBELL COUNTY**	**RNAV**	**RNAV (GPS) RWY 6, ORIG** 5 FEBRUARY 2015	AMDT: **NONE**
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HURTT	HURTT	010	IAF	IF		FB					
	HURTT	MEFIH	020		TF		FB	1.0	132.8(123.8T)	007.5	AA 03000	
	SYCAM	SYCAM	010		IF		FB					
	SYCAM	MEFIH	020		TF		FO	2.0	086.6(077.6T)	003.4	AA 03000	
	SYCAM	MEFIH	030	IAF	HF	R	FO		062.1(053.1T)	004.0	AA 03000	
		MEFIH	010	FACF	IF		FB				AA 03000	
		YEVUV	020	FAF	TF		FB	0.5	062.1(053.1T)	005.4	AA 02400	
		OJFOB	021	SDF	TF		FB	0.3	062.1(053.1T)	002.5	AA 01580 GS 01596	
		RW06	030	MAP	TF		FO	0.3	062.1(053.1T)	003.0	AT 00641	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		062.1(053.1T)		AA 01100	
	WUGAD	050		DF	L	FO				AA 03000	
	WUGAD	060		HM	R	FO		197.6(188.6T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HURTT	N370557.34	W0791958.97	N3705.956	W07919.983
	MEFIH	N370146.29	W0791211.41	N3701.772	W07912.190
	OJFOB	N370630.96	W0790417.93	N3706.516	W07904.299
	SYCAM	N370102.97	W0791616.77	N3701.050	W07916.280
	WUGAD	N371609.89	W0785602.44	N3716.165	W07856.041
	YEVUV	N370500.04	W0790649.37	N3705.001	W07906.823
	RW06	N370818.98	W0790117.77	N3708.316	W07901.296

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06	00596	45

CITY AND STATE	ELEVATION: 597 THRE: 596	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BROOKNEAL, VA	AIRPORT NAME: **BROOKNEAL/CAMPBELL COUNTY**	**RNAV**	**RNAV (GPS) RWY 6, ORIG** 5 FEBRUARY 2015	AMDT: **NONE**
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LYH VORTAC	IRAXE (FB)	083.33 / 8.10	3200
IRAXE (IAF)	WUGAD (NOPT) (FB)	109.92 / 6.80	3000
WUGAD (IF/IAF)	MEHHO (FB)	197.56 / 3.72	2200
MEHHO (FAF)	OVMUY/3.00 NM TO RW24 (FB)	227.24 / 1.92	
OVMUY/3.00 NM TO RW24	SOZIY (MAP) (FO)	227.24 / 3.00	
SOZIY / SOZIY (MAP)	1000 MSL	227.24	1000
1000 MSL	WUGAD (FO)		3000

MISSED APPROACH

LP: SOZIY
LNAV: SOZIY

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT WUGAD AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 675 TREE 371002N/0785857W
CHART FAS OBST: 695 TREE 370843N/0790043W
OBST: 856 AAO 371258N/0785838W
CHART FARMVILLE MOA.
WAAS CHANNEL # 97334
REFERENCE PATH ID: W24A
MEHHO TO RW23: 3.00/45.
CHART CIRCLING ICON
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 14.96 DEGREES.
FAC CROSSES RWY C/L EXTENDED 3073 FROM THLD.
LTP HAE: 148.1 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N WUGAD, RT, 197.56 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 227.24 FAF: MEHHO DIST FAF TO MAP: 4.92 THLD: 5.05
4. MIN. ALT: WUGAD 3000, MEHHO 2200, OVMUY/3.00 NM TO RW24 1580
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS CLEAR
8. MSA FROM: SOZIY 4100

MAG VAR: 9W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	940	1	351	940	1	351		NA			NA				
LNAV MDA	960	1	371	960	1	371		NA			NA				
CIRCLING	1120	1	523	1180	1	583		NA			NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON LYH VORTAC AIRWAY RADIALS 014 CW 081.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LYNCHBURG RGNL/PRESTON GLENN FLD ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 597 THRE: 589 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BROOKNEAL, VA	BROOKNEAL/CAMPBELL COUNTY	RNAV	RNAV (GPS) RWY 24, AMDT 1 5 FEBRUARY 2015	AMDT: ORIG DATED 10/11/2002

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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CITY AND STATE	ELEVATION: 597 THRE: 589 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BROOKNEAL, VA	BROOKNEAL/CAMPBELL COUNTY	RNAV	RNAV (GPS) RWY 24, AMDT 1 5 FEBRUARY 2015	AMDT: ORIG DATED: 10/11/2002

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	0V4
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	370836.6200N
LTP/FTP LONGITUDE	0790032.4900W
LTP/FTP ELLIPSOIDAL HEIGHT	+01481
FPAP LATITUDE	370726.4200N
FPAP LONGITUDE	0790141.4700W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	49429F5E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01795
FPAP ORTHOMETRIC HEIGHT	+01795

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
ARINC PACKET - 424-18 - RNAV (GPS)

                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        LYH   K6010920VTLA N37151648W079141097    N37151648W079141097W0050008711     NARLYNCHBURG

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   IRAXE K60    W     N37172754W079042434                      W0092     NAR           IRAXE
        SUSAEAENRT   MEHHO K60    W     N37122872W078564408                      W0092     NAR           MEHHO
        SUSAEAENRT   OVMUY K60    W     N37105826W078581324                      W0092     NAR           OVMUY
        SUSAEAENRT   SOZIY K60    W     N37083662W079003249                      W0092     NAR           SOZIY
        SUSAEAENRT   WUGAD K60    W     N37160989W078560244                      W0093     NAR           WUGAD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 0V4 K6A0V4     0     037YHN37083020W079005900W009000597         1800018000C    MNAR    BROOKNEAL/CAMPBELL COUNTY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 0V4 K6FR24   ALYH   010LYH  K6D 0V       IF                                                18000                A JS
        SUSAP 0V4 K6FR24   ALYH   020IRAXEK6EA0E  A 020TF                    08330081    + 03200                            A JS
        SUSAP 0V4 K6FR24   ALYH   030WUGADK6EA0EE B 010TF                    10990068    + 03000                            A JS
        SUSAP 0V4 K6FR24   AWUGAD 010WUGADK6EA0EE AR   HF                    19760040    + 03000     18000                  A JS
        SUSAP 0V4 K6FR24   R      010WUGADK6EA0E  I    IF                                + 03000     18000                  A JS
        SUSAP 0V4 K6FR24   R      020MEHHOK6EA1E  F 051TF                    19760037    + 02200                  SOZIY K6EAA JS
        SUSAP 0V4 K6FR24   R      020MEHHOK6EA2WALP        N          ALNAV                                                  JS
        SUSAP 0V4 K6FR24   R      021OVMUYK6EA0E S  031TF                    22720019    V 0158001590        -300          A JS
        SUSAP 0V4 K6FR24   R      030SOZIYK6EA0EY M 031TF                    22720030      00675             -300          A JS
        SUSAP 0V4 K6FR24   R      040         0  M     CA                    2272        + 01000                            A JS
        SUSAP 0V4 K6FR24   R      050WUGADK6EA0EY  R   DF                                + 03000                            A JS
        SUSAP 0V4 K6FR24   R      060WUGADK6EA0EE  R   HM                    19760040    + 03000                            A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 0V4 K6GRW24    0037982422 N37084148W079004021+0200    +0148100589000045060R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 0V4 K6PR24   RW24 001 0000W24A0N3708366200W07900324900+014810300N3707264200W079014147001067500000000450F40000049429F5E
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CITY AND STATE	ELEVATION: 597 THRE: 589	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BROOKNEAL, VA	AIRPORT NAME: **BROOKNEAL/CAMPBELL COUNTY**	**RNAV**	**RNAV (GPS) RWY 24, AMDT 1** 5 FEBRUARY 2015	AMDT: **ORIG** DATED: **10/11/2002**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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        SUSAP 0V4 K6PR24   RW24 002E      +01795+01795LP        97334

                  1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 0V4 K6SSOZIYK6EA              0   18018004125                                                                  M
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CITY AND STATE	ELEVATION: 597 THRE: 589	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BROOKNEAL, VA	AIRPORT NAME: BROOKNEAL/CAMPBELL COUNTY	RNAV	RNAV (GPS) RWY 24, AMDT 1 5 FEBRUARY 2015	AMDT: ORIG DATED: 10/11/2002

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	LYH	LYH	010		IF		FB					
	LYH	IRAXE	020	IAF	TF		FB	2.0	083.3(074.3T)	008.1	AA 03200	
	LYH	WUGAD	030		TF		FB	1.0	109.9(100.9T)	006.8	AA 03000	
	WUGAD	WUGAD	010	IAF	HF	R	FO		197.6(188.6T)	004.0	AA 03000	
		WUGAD	010	FACF	IF		FB				AA 03000	
		MEHHO	020	FAF	TF		FB	0.5	197.6(188.6T)	003.7	AA 02200	
		OVMUY	021	SDF	TF		FB	0.3	227.2(218.2T)	001.9	AA 01580 GS 01590	
		SOZIY	030	MAP	TF		FO	0.3	227.2(218.2T)	003.0	AT 00675	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		227.2(218.2T)		AA 01000	
	WUGAD	050		DF	R	FO				AA 03000	
	WUGAD	060		HM	R	FO		197.6(188.6T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LYH	N371516.48	W0791410.97	N3715.275	W07914.183
	IRAXE	N371727.54	W0790424.34	N3717.459	W07904.406
	MEHHO	N371228.72	W0785644.08	N3712.479	W07856.735
	OVMUY	N371058.26	W0785813.24	N3710.971	W07858.221
	SOZIY	N370836.62	W0790032.49	N3708.610	W07900.542
	WUGAD	N371609.89	W0785602.44	N3716.165	W07856.041
	RW24	N370841.48	W0790040.21	N3708.691	W07900.670

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW24	00589	45

CITY AND STATE	ELEVATION: 597 THRE: 589	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BROOKNEAL, VA	AIRPORT NAME: BROOKNEAL/CAMPBELL COUNTY	RNAV	RNAV (GPS) RWY 24, AMDT 1 5 FEBRUARY 2015	AMDT: ORIG DATED: 10/11/2002

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HOGOD (IF/IAF)	WANPO (FB)	140.86 / 7.39	2700
WANPO (FAF)	ZOKOV/1.60 NM TO RW14 (FB)	140.93 / 3.28	
ZOKOV/1.60 NM TO RW14	RW14 (MAP) (FO)	140.93 / 1.60	
RW14 (MAP)	1367 MSL	140.93	
1367 MSL	OLTOE (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW14

CLIMB TO 3000 DIRECT OLTOE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 321.08 INBOUND.
CHART FAS OBST: 1290 TREE 422628N/0935324W
DISTANCE TO THLD FROM 250 HAT: 0.66 NM.
WAAS CHANNEL # 40237
REFERENCE PATH ID: W14A
CHART CIRCLING ICON
LTP HAE: 310.1 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW HOGOD, RT, 140.86 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 140.93 FAF: WANPO DIST FAF TO MAP: 4.88 THLD: 4.88
4. MIN. ALT: HOGOD 3000, WANPO 2700, ZOKOV/1.60 NM TO RW14 1640*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2700 GS ALT AT: WANPO 2700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 3E EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1367	1	250	1367	1	250		NA			NA				
LNAV/VNAV DA	1463	1 1/4	346	1463	1 1/4	346		NA			NA				
LNAV MDA	1540	1	423	1540	1	423		NA			NA				
CIRCLING	1600	1	478	1600	1	478		NA			NA				

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING CLARION ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 1122 TDZE: 1117 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WEBSTER CITY, IA	WEBSTER CITY MUNI	RNAV	RNAV (GPS) RWY 14, ORIG 5 MARCH 2015	AMDT: NONE DATED

NOTES, (CONT.):
***LNAV ONLY**
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLARION ALTIMETER SETTING AND INCREASE ALL DAS 49 FEET, AND ALL MDA 60 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

TAA

	FROM	TO	ALT
1.	051/30 CW 231/30 (NOPT)	051/15 CW 231/15	3400
	051/15 CW 231/15	HOGOD (IF/IAF) (FB)	3000
2.	231/30 CW 051/30	HOGOD (IF/IAF) (FO)	3000

QUALITY 5 CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KEBS
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	422624.5635N
LTP/FTP LONGITUDE	0935222.5615W
LTP/FTP ELLIPSOIDAL HEIGHT	+03101
FPAP LATITUDE	422512.4770N
FPAP LONGITUDE	0935111.8025W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1576
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	13448311

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03370
FPAP ORTHOMETRIC HEIGHT	+03370

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 1122 TDZE: 1117 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WEBSTER CITY, IA	WEBSTER CITY MUNI	RNAV	RNAV (GPS) RWY 14, ORIG 5 MARCH 2015	AMDT: NONE DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HOGOD K30    W     N42361971W094020895                    E0013     NAR           HOGOD
        SUSAEAENRT   OLTOE K30    W     N42170579W093431566                    E0011     NAR           OLTOE
        SUSAEAENRT   WANPO K30    W     N42302139W093561543                    E0012     NAR           WANPO
        SUSAEAENRT   ZOKOV K30    W     N42274222W093533885                    E0012     NAR           ZOKOV

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEBSK3AEBS     0     038YHN42261109W093520828E003001122         1800018000C    MNAR    WEBSTER CITY MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEBSK3FR14   AHOGOD 010HOGODK3EA0EE AR   HF                    14090040    + 03000     18000                A JS
        SUSAP KEBSK3FR14   R      010HOGODK3EA0E  I    IF                                + 03000     18000                A JS
        SUSAP KEBSK3FR14   R      020WANPOK3EA1E  F 051TF                    14090074    + 02700                          A JS
        SUSAP KEBSK3FR14   R      020WANPOK3EA2WALPV       ALNAV/VNAV ALNAV                                               JS
        SUSAP KEBSK3FR14   R      021ZOKOVK3EA0E S  031TF                    14090033    V 0164001655        -300         A JS
        SUSAP KEBSK3FR14   R      030RW14 K3PG0GY M 031TF                    14090016      01146             -300         A JS
        SUSAP KEBSK3FR14   R      040         0  M     CA                    1409        + 01367                          A JS
        SUSAP KEBSK3FR14   R      050OLTOEK3EA0EY      DF                              + 03000                          A JS
        SUSAP KEBSK3FR14   R      060OLTOEK3EA0EE  R   HM                    32110040    + 03000                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEBSK3GRW14    0038511410 N42262456W093522256+0400    +0310101106000040075R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEBSK3PR14   RW14 001 0000W14A0N4226245635W09352225615+031010300N4225124770W093511180251067515760000400F40050013448311
        SUSAP KEBSK3PR14   RW14 002E      +03370+03370LPV       40237
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CITY AND STATE	ELEVATION: **1122** **TDZE: 1117**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WEBSTER CITY, IA	AIRPORT NAME: **WEBSTER CITY MUNI**	**RNAV**	**RNAV (GPS) RWY 14, ORIG** 5 MARCH 2015	AMDT: **NONE**
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HOGOD	HOGOD	010	IAF	HF	R	FO		140.9(143.9T)	004.0	AA 03000	
		HOGOD	010	FACF	IF		FB				AA 03000	
		WANPO	020	FAF	TF		FB	0.5	140.9(143.9T)	007.4	AA 02700	
		ZOKOV	021	SDF	TF		FB	0.3	140.9(143.9T)	003.3	AA 01640 GS 01655	
		RW14	030	MAP	TF		FO	0.3	140.9(143.9T)	001.6	AT 01146	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		140.9(143.9T)		AA 01367	
	OLTOE	050		DF		FO				AA 03000	
	OLTOE	060		HM	R	FO		321.1(324.1T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HOGOD	N423619.71	W0940208.95	N4236.329	W09402.149
	OLTOE	N421705.79	W0934315.66	N4217.097	W09343.261
	WANPO	N423021.39	W0935615.43	N4230.357	W09356.257
	ZOKOV	N422742.22	W0935338.85	N4227.704	W09353.648
	RW14	N422624.56	W0935222.56	N4226.409	W09352.376

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW14	01106	40

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: **1122** TDZE: **1117**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WEBSTER CITY, IA	AIRPORT NAME: **WEBSTER CITY MUNI**	**RNAV**	**RNAV (GPS) RWY 14, ORIG** 5 MARCH 2015	AMDT: **NONE**
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OLTOE (IF/IAF)	BLDSO (FB)	321.08 / 6.04	2700
BLDSO (FAF)	DOVVA/1.50 NM TO RW32 (FB)	321.02 / 3.33	
DOVVA/1.50 NM TO RW32	RW32 (MAP) (FO)	321.02 / 1.50	
RW32 (MAP)	1372 MSL	321.02	
1372 MSL	HOGOD (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW32

CLIMB TO 3000 DIRECT HOGOD AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 140.86 INBOUND.
CHART FAS OBST: 1196 TREE 422542N/0935218W
DISTANCE TO THLD FROM 250 HAT: 0.66 NM.
CHART VDP AT 0.97 MILES TO RW32*
*LNAV ONLY.
WAAS CHANNEL # 90516
REFERENCE PATH ID: W32A
CHART CIRCLING ICON
LTP HAE: 314.9 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE OLTOE, RT, 321.08 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 321.02 FAF: BLDSO DIST FAF TO MAP: 4.83 THLD: 4.83
4. MIN. ALT: OLTOE 3000, BLDSO 2700, DOVVA/1.50 NM TO RW32 1620*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2700 GS ALT AT: BLDSO 2700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 3E EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1372	1	250	1372	1	250		NA			NA				
LNAV/VNAV DA	1372	1	250	1372	1	250		NA			NA				
LNAV MDA	1460	1	338	1460	1	338		NA			NA				
CIRCLING	1600	1	478	1600	1	478		NA			NA				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

(SEE FORM 8260-10)

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 1122 TDZE: 1122 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WEBSTER CITY, IA	WEBSTER CITY MUNI	RNAV	RNAV (GPS) RWY 32, AMDT 2 5 MARCH 2015	AMDT: 1 DATED 09/18/2014

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLARION ALTIMETER SETTING AND INCREASE ALL DA 49 FT AND ALL MDA 60 FEET.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CLARION ALTIMETER SETTING.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

TAA

	FROM	TO	ALT
1.	231/30 CW 051/30 (NOPT)	231/15 CW 051/15	4000
	231/15 CW 051/15	OLTOE (IF/IAF) (FB)	3000
2.	051/30 CW 231/30	OLTOE (IF/IAF) (FO)	3000

QUALITY 5 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
WEBSTER CITY, IA	**ELEVATION: 1122** **TDZE: 1122** AIRPORT NAME: **WEBSTER CITY MUNI**	**RNAV**	**RNAV (GPS) RWY 32, AMDT 2** 5 MARCH 2015	SUP: AMDT: **1** DATED: **09/18/2014**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KEBS
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	422553.7985N
LTP/FTP LONGITUDE	0935152.3640W
LTP/FTP ELLIPSOIDAL HEIGHT	+03149
FPAP LATITUDE	422705.8820N
FPAP LONGITUDE	0935303.1420W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1576
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	F423DE86

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03418
FPAP ORTHOMETRIC HEIGHT	+03418

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 1122 TDZE: 1122 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WEBSTER CITY, IA	WEBSTER CITY MUNI	RNAV	RNAV (GPS) RWY 32, AMDT 2 5 MARCH 2015	AMDT: 1 DATED: 09/18/2014

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BLDSO K30    W     N42215919W093480240                    E0011     NAR           BLDSO
        SUSAEAENRT   DOVVA K30    W     N42244097W093504092                    E0012     NAR           DOVVA
        SUSAEAENRT   HOGOD K30    W     N42361971W094020895                    E0013     NAR           HOGOD
        SUSAEAENRT   OLTOE K30    W     N42170579W093431566                    E0011     NAR           OLTOE

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEBSK3AEBS     0     038YHN42261109W093520828E003001122         1800018000C    MNAR    WEBSTER CITY MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEBSK3FR32   AOLTOE 010OLTOEK3EA0EE AR   HF                    32110040    + 03000     18000                A JS
        SUSAP KEBSK3FR32   R      010OLTOEK3EA0E  I    IF                                + 03000     18000                A JS
        SUSAP KEBSK3FR32   R      020BLDSOK3EA1E  F 051TF                    32110060    + 02700                          A JS
        SUSAP KEBSK3FR32   R      020BLDSOK3EA2WALPV       ALNAV/VNAV ALNAV                                               JS
        SUSAP KEBSK3FR32   R      021DOVVAK3EA0E S  031TF                    32100033    V 0162001639        -300         A JS
        SUSAP KEBSK3FR32   R      030RW32 K3PG0GY M 031TF                    32100015      01161             -300         A JS
        SUSAP KEBSK3FR32   R      040         0  M     CA                    3210        + 01372                          A JS
        SUSAP KEBSK3FR32   R      050HOGODK3EA0EY      DF                              + 03000                          A JS
        SUSAP KEBSK3FR32   R      060HOGODK3EA0EE  R   HM                    14090040    + 03000                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEBSK3GRW32    0038513210 N42255380W093515236-0400    +03149011210000040075R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEBSK3PR32   RW32 001 0000W32A0N4225537985W09351523640+031490300N4227058820W0935303142010675157600040OF400500F423DE86
        SUSAP KEBSK3PR32   RW32 002E      +03418+03418LPV       90516
```

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: **1122** **TDZE: 1122**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WEBSTER CITY, IA	AIRPORT NAME: **WEBSTER CITY MUNI**	**RNAV**	**RNAV (GPS) RWY 32, AMDT 2** 5 MARCH 2015	AMDT: **1**
				DATED: **09/18/2014**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	OLTOE	OLTOE	010	IAF	HF	R	FO		321.1(324.1T)	004.0	AA 03000	
		OLTOE	010	FACF	IF		FB				AA 03000	
		BLDSO	020	FAF	TF		FB	0.5	321.1(324.1T)	006.0	AA 02700	
		DOVVA	021	SDF	TF		FB	0.3	321.0(324.0T)	003.3	AA 01620 GS 01639	
		RW32	030	MAP	TF		FO	0.3	321.0(324.0T)	001.5	AT 01161	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		321.0(324.0T)		AA 01372	
	HOGOD	050		DF		FO				AA 03000	
	HOGOD	060		HM	R	FO		140.9(143.9T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BLDSO	N422159.19	W0934802.40	N4221.987	W09348.040
	DOVVA	N422440.97	W0935040.92	N4224.683	W09350.682
	HOGOD	N423619.71	W0940208.95	N4236.329	W09402.149
	OLTOE	N421705.79	W0934315.66	N4217.097	W09343.261
	RW32	N422553.80	W0935152.36	N4225.897	W09351.873

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW32	01121	40

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: **1122** TDZE: **1122**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WEBSTER CITY, IA	AIRPORT NAME: **WEBSTER CITY MUNI**	**RNAV**	**RNAV (GPS) RWY 32, AMDT 2** 5 MARCH 2015	AMDT: **1**
				DATED: **09/18/2014**

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
FREDERICK, MD	FREDERICK MUNI	5 MARCH 2015	4

TAKEOFF MINIMUMS:

RWY 23, STANDARD.

RWY 5, 300-2 OR STANDARD WITH MINIMUM CLIMB OF 260 FT PER NM TO 600.

RWY 12, 500-2 3/4 OR STANDARD WITH MINIMUM CLIMB OF 395 FT PER NM TO 1000.

RWY 30, STANDARD WITH MINIMUM CLIMB OF 285 FT PER NM TO 900 OR 1500–2 1/2 FOR VCOA.

TEXTUAL DEPARTURE PROCEDURES:

RWY 5: CLIMBING LEFT TURN HEADING 340.00 AND ON FDK VOR R-010 TO 2100 BEFORE PROCEEDING ON COURSE.

RWY 12: CLIMB HEADING 123.95 TO 900 BEFORE PROCEEDING WESTBOUND.

RWY 23: CLIMB HEADING 228.50 TO 1200 BEFORE TURNING RIGHT.

RWY 30: CLIMBING RIGHT TURN HEADING 040.00 AND ON FDK R-010 TO 2400 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

RWY 30: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS FREDERICK MUNI AIRPORT AT OR ABOVE 1700 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5, LIGHT AND SIGN BEGINNING 44 FT FROM DER, 123 FT LEFT OF CENTERLINE, UP TO 3 FT AGL/286 FT MSL. TREES BEGINNING 1467 FT FROM DER, 630 FT RIGHT OF CENTERLINE, UP TO 90 FT AGL/389 FT MSL. TREES BEGINNING 2645 FT FROM DER, 610 FT LEFT OF CENTERLINE, UP TO 75 FT AGL/394 FT MSL. TREES BEGINNING 4525 FT FROM DER, 597 FT LEFT OF CENTERLINE, UP TO 75 FT AGL/434 FT MSL. ELEVATOR AND TREES BEGINNING 4824 FT FROM DER, 341 FT RIGHT OF CENTERLINE, UP TO 76 FT AGL/435 FT MSL. TREES 1.2 NM FROM DER, 1562 FT RIGHT OF CENTERLINE, UP TO 95 FT AGL/514 FT MSL. TREES 1.4 NM FROM DER, 936 FT RIGHT OF CENTERLINE, UP TO 89 FT AGL/508 FT MSL.

NOTE: RWY 12, WALL AND TREES BEGINNING 45 FT FROM DER, 283 FT RIGHT OF CENTERLINE, UP TO 14 FT AGL/308 FT MSL. TREES BEGINNING 1312 FT FROM DER, 228 FT LEFT OF CENTERLINE, UP TO 82 FT AGL/391 FT MSL. TREES BEGINNING 1667 FT FROM DER, 75 FT RIGHT OF CENTERLINE, UP TO 83 FT AGL/362 FT MSL. BUILDING AND TREES BEGINNING 3292 FT FROM DER, 45 FT LEFT OF CENTERLINE, UP TO 113 FT AGL/552 FT MSL. TOWER, POLE, GRAIN SILOS, AND TREES BEGINNING 3365 FT FROM DER, 41 FT FROM DER, UP TO 101 FT AGL/520 FT MSL. TREES 2.1 NM FROM DER, 1377 FT LEFT OF CENTERLINE, UP TO 90 FT AGL/779 FT MSL. TREES 2.3 NM FROM DER, 2711 FT LEFT OF CENTERLINE, UP TO 107 FT AGL/636 FT MSL.

NOTE: RWY 23, VEHICLES ON ROAD AND TREES BEGINNING 134 FT FROM DER, 376 FT RIGHT OF CENTERLINE, UP TO 21 FT AGL/327 FT MSL. POLE, BUILDINGS, AND TREES BEGINNING 737 FT FROM DER, 286 FT RIGHT OF CENTERLINE, UP TO 47 FT AGL/362 FT MSL. POLES AND TREES BEGINNING 1477 FT FROM DER, 41 FT LEFT OF CENTERLINE, UP TO 72 FT AGL/411 FT MSL. TREES BEGINNING 1701 FT FROM DER, 55 FT RIGHT OF CENTERLINE, UP TO 78 FT AGL/397 FT MSL.

NOTE: RWY 30, POLES AND TREES BEGINNING 4 FT FROM DER, 320 FT RIGHT OF CENTERLINE, UP TO 22 FT AGL/316 FT MSL. ANTENNA ON BUILDING AND TREES BEGINNING 1255 FT FROM DER, 750 FT LEFT OF CENTERLINE, UP TO 56 FT AGL/335 FT MSL. TREES BEGINNING 1096 FT FROM DER, 351 FT RIGHT OF CENTERLINE, UP TO 77 FT AGL/336 FT MSL. TREES 1962 FT FROM DER, 105 FT RIGHT OF CENTERLINE, UP TO 77 FT AGL/356 FT MSL.

CONTROLLING OBSTACLES:

RWY 5: 435 FT MSL ELEVATOR 392548.00N/0772123.00W (CLIMB GRADIENT). 514 FT MSL TREE 392600.99N/0772048.23W (CLIMB-TO ALTITUDE, CEILING). 508 FT MSL TREE 392613.54N/0772044.90W (VISIBILITY).

RWY 12: 552 FT MSL TREE 392502.70N/0772054.88W (CLIMB GRADIENT). 779 FT MSL TREE 392426.12N/0771933.57W (CLIMB-TO ALTITUDE, CEILING). 636 FT MSL TREE 392432.58N/0771911.87W (VISIBILITY).

RWY 30: 1739 FT MSL AAO 393025.93N/0772814.62W (CLIMB GRADIENT). 655 FT MSL MOBILE CRANE 392625.30N/0772527.41W (CLIMB-TO ALTITUDE).

RWY 30 (VCOA): 791 FT MSL TOWER 392630.00N/07718383.00W (VCA). 1949 FT MSL TOWER 392940.56N/0772955.32W (DIVERSE).

QUALITY 6 CHECKED

(CONTINUED)

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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City, State	Airport	Effective Date	Amdt. No.
FREDERICK, MD	FREDERICK MUNI	5 MARCH 2015	4

CONTROLLING OBSTACLES (CONTINUED):

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 5 – 2231 FT MSL TOWER 393436.40N/0772917.00W.

RWY 12, 30 – 1949 FT MSL TOWER 392940.56N/0772955.32W.

RWY 23 – 1819 FT MSL AAO 392812.70N/0772940.30W.

QUALITY 6 CHECKED

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
FREDERICK, MD	FREDERICK MUNI	5 MARCH 2015	4

REMARKS:

1. RETAINED PUBLISHED 260 FT PER NM CLIMB GRADIENT FOR RWY 5 (COMPUTED VALUE 252 FT PER NM).
2. RWY 12 CLIMB GRADIENT ROUNDED TO 395 FT PER NM FOR PUBLICATION (COMPUTED VALUE 393 FT PER NM).
3. RWY 30 CLIMB GRADIENT ROUNDED TO 285 FT PER NM FOR PUBLICATION (COMPUTED VALUE 279 FT PER NM).

FLIGHT INSPECTED BY: STEPHEN BAUER — *Digitally signed by* ***JULIE A MORGAN*** Dec 23, 2014 — 12/18/2014

REQUIRED EFFECTIVE DATE: ROUTINE

DEVELOPED BY; PETER GUIMOND — *Digitally signed by* ***JULIE A MORGAN*** Dec 23, 2014 — AJV-352 — 9/22/2014

APPROVED BY: SUSAN CRUMB — *Digitally signed by* ***JULIE A MORGAN*** Dec 23, 2014 — AJV-352 — 12/23/2014

COORDINATED WITH:

ALPA, AOPA, NBAA, ZDC, POTOMAC APP CON, FDK TOWER, ARPT MGR

CHANGES:

1. AMENDED RWY 5 CEIL/VIS FROM 400-2 1/2 TO 300-2.
2. AMENDED RWY 5 CLIMB TO ALTITUDE FROM 1700 TO 2100. ADDED INITIAL TAKEOFF HEADING OF 340.00 DEGREES.
3. AMENDED RWY 12 TEXTUAL DP TO READ CLIMB HEADING 123.95 TO 900 BEFORE PROCEEDING WESTBOUND.
4. AMENDED RWY 12 CLIMB GRADIENT FROM 385 FT PER NM TO 395 FT PER NM.
5. AMENDED RWY 23 DEPARTURE COURSE FROM 228.49 TO 228.50.
6. AMENDED RWY 30 CLIMB GRADIENT/CLIMB TO ALTITUDE FROM 290 FT PER NM TO 700 TO 285 FT PER NM TO 900.
7. ADDED INITIAL TAKEOFF HEADING OF 040.00 DEGREES TO RWY 30 TEXTUAL DP INSTRUCTIONS.
8. MOVED RWY 30 VCOA INSTRUCTIONS TO VISUAL CLIMB OVER AIRPORT BLOCK AND REFORMATTED ATC APPROVAL WORDING.
9. AMENDED CONTROLLING OBSTACLES AND OBSTACLES MANDATING ODP ROUTE DEVELOPMENT FOR ALL RWYS.
10. AMENDED TAKEOFF OBSTACLE NOTES FOR ALL RWYS.

REASONS:

1. NEW OBSTACLE STUDY.
2. NEW CONTROLLING OBSTACLE IDENTIFIED. INITIAL HEADING ADDED TO ASSIST NAVIGATING TO INTERCEPT FDK R-010.
3. OBSTACLES PROHIBIT WESTBOUND TURN UNTIL REACHING 900, ALL OTHER DIRECTIONS CLEAR.
4. NEW OBSTACLE STUDY.
5. MATCH CURRENT AIRNAV RWY BEARING VALUE.
6. NEW OBSTACLE STUDY.
7. ASSIST NAVIGATING TO INTERCEPT FDK R-010.
8. IAW CURRENT DOCUMENTATION POLICY.
9. NEW OBSTACLE STUDY.
10. NEW OBSTACLE STUDY.

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DWSON INT/MEM 23.53 DME (IAF)	MCVEY/MEM 14.84 DME/RADAR	177.99 / 8.69 (I-OOI) (MEM LR-352)	4000
MCVEY/MEM 14.84 DME/RADAR (IF)	BRALE/MEM 10.34 DME/RADAR	177.99 / 4.50 (I-OOI)	3000
BRALE/MEM 10.34 DME/RADAR	ELVIS/MEM 7.20 DME/RADAR	177.99 / 3.14 (I-OOI)	2000

MISSED APPROACH

ILS: DA
LOC: 5.14 MILES AFTER ELVIS/MEM 7.20 DME/RADAR OR AT MEM 2.07 DME FIX

CLIMB TO 900 THEN CLIMBING RIGHT TURN TO 5000 VIA MEM VORTAC R-212 TO JEPOB INT/UJM 20.00 DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA:
(SEE FORM 8260-10)

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 257.32 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW WALLZ INT/MEM 15.00 DME, LT, 051.54 INBOUND.
CHART FAS OBST: 384 TOWER 350439N/0895923W
CHART IN PLANVIEW: WALLZ INT/MEM 15.00 DME.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT MCVEY/MEM 14.84 DME/RADAR**
3. FAC: **177.99** FAF: **ELVIS/MEM 7.20 DME/RADAR** DIST FAF TO MAP: **5.14** THLD: **5.14**
4. MIN. ALT: **MCVEY 4000, BRALE 3000, ELVIS 2000, SAAMM/MEM 3.77 DME/RADAR 840***
5. DIST TO THLD FROM OM: **-** MM: **-** IM: **-** 150 HAT: **-** 100 HAT: **-** GS ANT: **950**
6. MIN GS INCPT: **2000** GS ALT AT: **ELVIS 2000** OM: **-** MM: **-** IM: **-**
7. GS ANGLE: **3.00** TCH: **51.8**
8. MSA FROM: **MEM VORTAC 135-315 2100, 315-135 2500**

MAG VAR: **1E** EPOCH YEAR: **2000**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **ILS: STANDARD #** **LOC: STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 18R	495	1800	200	495	1800	200	495	1800	200	495	1800	200	495	2400	200
S-LOC 18R	840	2400	545	840	2400	545	840	5000	545	840	6000	545	840	1 1/2	545
CIRCLING	940	1	599	940	1	599	940	1 1/2	599	940	2	599	1120	2 3/4	779
SAAMM FIX MINIMUMS (DME OR RADAR REQUIRED)															
S-LOC 18R	700	2400	405	700	2400	405	700	4000	405	700	4000	405	700	5000	405
CIRCLING	940	1	599	940	1	599	940	1 1/2	599	940	2	599	1120	2 3/4	779

NOTES:
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 18C/L.
CHART NOTE: DME OR RADAR REQUIRED.
***LOC ONLY**
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 18R CAT E VISIBILITY TO RVR 4000, S-LOC 18R CAT E VISIBILITY TO 2, SAAMM FIX MINIMUMS, INCREASE S-LOC 18R CAT E VISIBILITY TO 1 1/2.

 # CAT E 800-2 3/4
@ CAT E 800-2 3/4

QUALITY 9 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MEMPHIS, TN	**ELEVATION: 341 TDZE: 295** AIRPORT NAME: **MEMPHIS INTL**	**I-OOI**	**ILS OR LOC RWY 18R, AMDT 14C** 5 MARCH 2015	AMDT: **14B** DATED **05/31/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

MISSED APPROACH INSTRUCTIONS, (CONT.):
ALTERNATE MA: CLIMB TO 900 THEN CLIMBING RIGHT TURN TO 5000 VIA MEM VORTAC R-232 TO WALLZ INT/MEM 15.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000. (RADAR REQUIRED).

QUALITY 9 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MEMPHIS, TN	**ELEVATION: 341** **TDZE: 295** AIRPORT NAME: **MEMPHIS INTL**	**I-OOI**	**ILS OR LOC RWY 18R, AMDT 14C** 5 MARCH 2015	SUP: AMDT: **14B** DATED: **05/31/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	DWSON	DWSON	010	IAF	IF		FB					
	DWSON	MCVEY	020		TF		FB				AA 04000	
	DWSON	BRALE	030		CF		FB		178.0()	004.5	AA 03000	
		BRALE	010	FACF	IF		FB				AA 03000 GI 02000	
		ELVIS	020	FAF	CF		FB		178.0()	003.1	GI 02000 GS 02000	
		RW18R	030	MAP	CF		FO		178.0()	005.1	AT 00340	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		178.0()		AA 00900	
	JEPOB	050		CF		FO		212.2()	028.0	AA 05000	
	JEPOB	060		HM	R	FO		257.3()	T01.0	AA 05000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	MEM	N350054.42	W0895859.55	N3500.907	W08958.993
	DWSON	N352428.26	W0895942.57	N3524.471	W08959.710
	JEPOB	N343831.19	W0901643.56	N3438.520	W09016.726
	BRALE	N351115.61	W0895925.47	N3511.260	W08959.425
	ELVIS	N350806.92	W0895921.42	N3508.115	W08959.357
	MCVEY	N351546.01	W0895931.36	N3515.767	W08959.523
	RW18R	N350258.16	W0895914.79	N3502.969	W08959.247
	IOOI (LOC)	N350117.37	W0895912.63	N3501.290	W08959.211

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18R	00288	52

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **341** **TDZE: 295**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MEMPHIS, TN	AIRPORT NAME: **MEMPHIS INTL**	**I-OOI**	**ILS OR LOC RWY 18R, AMDT 14C** 5 MARCH 2015	AMDT: **14B**
				DATED: **05/31/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	DWSON	DWSON	010	IAF	IF		FB					
	DWSON	MCVEY	020		TF		FB				AA 04000	
	DWSON	BRALE	030		CF		FB		178.0()	004.5	AA 03000	
		BRALE	010	FACF	IF		FB				AA 03000	
		ELVIS	020	FAF	CF		FB		178.0()	003.1	AA 02000	
		SAAMM	021	SDF	CF		FB		178.0()	003.4	AA 00840	
		RW18R	030	MAP	CF		FO		178.0()	001.7	AT 00340	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		178.0()		AA 00900	
	JEPOB	050		CF		FO		212.2()	028.0	AA 05000	
	JEPOB	060		HM	R	FO		257.3()	T01.0	AA 05000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	MEM	N350054.42	W0895859.55	N3500.907	W08958.993
	DWSON	N352428.26	W0895942.57	N3524.471	W08959.710
	JEPOB	N343831.19	W0901643.56	N3438.520	W09016.726
	BRALE	N351115.61	W0895925.47	N3511.260	W08959.425
	ELVIS	N350806.92	W0895921.42	N3508.115	W08959.357
	MCVEY	N351546.01	W0895931.36	N3515.767	W08959.523
	SAAMM	N350440.30	W0895916.98	N3504.672	W08959.283
	RW18R	N350258.16	W0895914.79	N3502.969	W08959.247
	IOOI (LOC)	N350117.37	W0895912.63	N3501.290	W08959.211

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18R	00288	52

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **341** **TDZE: 295**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MEMPHIS, TN	AIRPORT NAME: **MEMPHIS INTL**	**I-OOI**	**ILS OR LOC RWY 18R, AMDT 14C** 5 MARCH 2015	AMDT: **14B**
				DATED: **05/31/2012**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MEM VORTAC	MCVEY (FO)	357.32 / 14.84	4400
MIOLA	TUNIE (FB)	238.35 / 25.24	4400
GQE VOR/DME	ZOKOR (FB)	105.90 / 17.70	4400
ZOKOR (IAF)	MCVEY (NOPT) (FB)	087.91 / 6.96	4400
TUNIE (IAF)	MCVEY (NOPT) (FB)	268.07 / 7.60	4400
MCVEY (IF/IAF)	ELVIS (FB)	177.98 / 7.64	2000
ELVIS (FAF)	RW18R (MAP) (FO)	177.99 / 5.14	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW18R

CLIMB TO 900 THEN CLIMBING RIGHT TURN TO 5000 DIRECT JEPOB AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD N MCVEY, RT, 177.98 INBOUND, 4400 FT. IN LIEU OF PT (IAF)**
3. FAC: **177.99** FAF: **ELVIS** DIST FAF TO MAP: **5.14** THLD: **5.14**
4. MIN. ALT: **MCVEY 4400, ELVIS 2000**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **2000** GS ALT AT: **ELVIS 2000** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **51.8** **34:1 IS CLEAR**
8. MSA FROM: **RW18R 2500**

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 257.32 INBOUND.
CHART FAS OBST: 624 ATCT 350259N/0895854W
DISTANCE TO THLD FROM 200 HAT: 0.49 NM.
CHART VDP AT 1.70 MILES TO RW18R*
***LNAV ONLY.**
WAAS CHANNEL # 56606
REFERENCE PATH ID: W18A
LTP HAE: 60.1 M

MAG VAR: **1E** EPOCH YEAR: **2000**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	**495**	**2400**	**200**	**495**	**2400**	**200**	**495**	**2400**	**200**	**495**	**2400**	**200**			
LNAV/VNAV DA	**874**	**1 1/2**	**579**	**874**	**1 1/2**	**579**	**874**	**1 1/2**	**579**	**874**	**1 1/2**	**579**			
LNAV MDA	**880**	**2400**	**585**	**880**	**2400**	**585**	**880**	**5000**	**585**	**880**	**6000**	**585**			
CIRCLING	**940**	**1**	**599**	**940**	**1**	**599**	**940**	**1 1/2**	**599**	**940**	**2**	**599**			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 18C/L.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GQE VOR/DME AIRWAY RADIALS 050 CW 121.
(SEE FORM 8260-10)

QUALITY 9 CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MEMPHIS, TN	**ELEVATION: 341 TDZE: 295** **MEMPHIS INTL**	**RNAV**	**RNAV (GPS) Z RWY 18R, AMDT 2C** 5 MARCH 2015	AMDT: **2B** DATED **04/04/2013**

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW18R (MAP)	900 MSL	177.99	900
900 MSL	JEPOB (FO)		5000

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MIOLA VIA V11 NORTHBOUND.

CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

QUALITY 9 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MEMPHIS, TN	**ELEVATION: 341** **TDZE: 295** AIRPORT NAME: **MEMPHIS INTL**	**RNAV**	**RNAV (GPS) Z RWY 18R, AMDT 2C** 5 MARCH 2015	SUP: AMDT: **2B** DATED: **04/04/2013**

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMEM
RUNWAY	RW18R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	350258.1600N
LTP/FTP LONGITUDE	0895914.7935W
LTP/FTP ELLIPSOIDAL HEIGHT	+00601
FPAP LATITUDE	350125.9940N
FPAP LONGITUDE	0895912.8185W
THRESHOLD CROSSING HEIGHT (TCH)	00051.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	EDF6C0C1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00879
FPAP ORTHOMETRIC HEIGHT	+00879

QUALITY 9 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MEMPHIS, TN	ELEVATION: 341 TDZE: 295 AIRPORT NAME: MEMPHIS INTL	RNAV	RNAV (GPS) Z RWY 18R, AMDT 2C 5 MARCH 2015	SUP: AMDT: 2B DATED: 04/04/2013

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ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        GQE   K4011300VDLW N35204931W090284137    N35204931W090284137E0040002111     NARGILMORE
        SUSAD        MEM   K7011750VTHW N35005442W089585955    N35005442W089585955E0010003602     NARMEMPHIS

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ELVIS K70    C     N35080692W089592142                    W0010     NAR           ELVIS
        SUSAEAENRT   JEPOB K70    C   L N34383119W090164356                    W0008     NAR           JEPOB
        SUSAEAENRT   MCVEY K70    C     N35154601W089593136                    W0011     NAR           MCVEY
        SUSAEAENRT   MIOLA K70    C   L N35285014W089234344                    W0015     NAR           MIOLA
        SUSAEAENRT   TUNIE K70    W     N35155378W089501458                    W0012     NAR           TUNIE
        SUSAEAENRT   ZOKOR K70    W     N35153835W090080090                    W0010     NAR           ZOKOR

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMEMK7AMEM     0     111YHN35023270W089583600E001000341         1800018000C    MNAR    MEMPHIS INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMEMK7FR18RZ AGQE   010GQE  K4D 0V       IF                                          18000                A JS
        SUSAP KMEMK7FR18RZ AGQE   020ZOKORK7EA0E  A 020TF                    10590177    + 04400                       A JS
        SUSAP KMEMK7FR18RZ AGQE   030MCVEYK7EA0EE B 010TF                    08790070    + 04400                       A JS
        SUSAP KMEMK7FR18RZ AMEM   010MEM  K7D 0V       IF                                          18000                A JS
        SUSAP KMEMK7FR18RZ AMEM   020MCVEYK7EA0EY   020TF                    35730148    + 04400                       A JS
        SUSAP KMEMK7FR18RZ AMEM   030MCVEYK7EA0EE AR   HF                    17800050    + 04400                       A JS
        SUSAP KMEMK7FR18RZ AMIOLA 010MIOLAK7EA0E       IF                                          18000                A JS
        SUSAP KMEMK7FR18RZ AMIOLA 020TUNIEK7EA0E  A 020TF                    23840252    + 04400                       A JS
        SUSAP KMEMK7FR18RZ AMIOLA 030MCVEYK7EA0EE B 010TF                    26810076    + 04400                       A JS
        SUSAP KMEMK7FR18RZ R      010MCVEYK7EA0E  I    IF                                + 04400     18000             A JS
        SUSAP KMEMK7FR18RZ R      020ELVISK7EA1E  F 051TF                    17800076    + 02000                RW18R K7PGA JS
        SUSAP KMEMK7FR18RZ R      020ELVISK7EA2WALPV       ALNAV/VNAV ALNAV                                                JS
        SUSAP KMEMK7FR18RZ R      030RW18RK7PG0GY M 031TF                    17800051      00340          -300           A JS
        SUSAP KMEMK7FR18RZ R      040         0  M     CA                    1780        + 00900                       A JS
        SUSAP KMEMK7FR18RZ R      050JEPOBK7EA0EY  R   DF                                + 05000                       A JS
        SUSAP KMEMK7FR18RZ R      060JEPOBK7EA0EE  R   HM                    25730050    + 05000                       A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
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QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: **341** **TDZE: 295**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MEMPHIS, TN	AIRPORT NAME: **MEMPHIS INTL**	**RNAV**	**RNAV (GPS) Z RWY 18R, AMDT 2C** 5 MARCH 2015	AMDT: **2B**
				DATED: **04/04/2013**

```
        SUSAP KMEMK7GRW18R   0093201780 N35025816W089591479+0300    +006010028800005215OIIOOI1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMEMK7PR18RZ RW18R001Z0000W18A0N3502581600W08959147935+006010300N3501259940W089591281851067500000000518F400350EDF6C0C1
        SUSAP KMEMK7PR18RZ RW18R002E      +00879+00879LPV       56606

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMEMK7SRW18RK7PG               0   18018002525                                                                    M
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QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: **341** TDZE: **295**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MEMPHIS, TN	AIRPORT NAME: **MEMPHIS INTL**	**RNAV**	**RNAV (GPS) Z RWY 18R, AMDT 2C** 5 MARCH 2015	AMDT: **2B**
				DATED: **04/04/2013**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	GQE	GQE	010		IF		FB					
	GQE	ZOKOR	020	IAF	TF		FB	2.0	105.9(106.9T)	017.7	AA 04400	
	GQE	MCVEY	030		TF		FB	1.0	087.9(088.9T)	007.0	AA 04400	
	MEM	MEM	010		IF		FB					
	MEM	MCVEY	020		TF		FO	2.0	357.3(358.3T)	014.8	AA 04400	
	MEM	MCVEY	030	IAF	HF	R	FO		178.0(179.0T)	005.0	AA 04400	
	MIOLA	MIOLA	010		IF		FB					
	MIOLA	TUNIE	020	IAF	TF		FB	2.0	238.4(239.4T)	025.2	AA 04400	
	MIOLA	MCVEY	030		TF		FB	1.0	268.1(269.1T)	007.6	AA 04400	
		MCVEY	010	FACF	IF		FB				AA 04400	
		ELVIS	020	FAF	TF		FB	0.5	178.0(179.0T)	007.6	AA 02000	
		RW18R	030	MAP	TF		FO	0.3	178.0(179.0T)	005.1	AT 00340	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		178.0(179.0T)		AA 00900	
	JEPOB	050		DF	R	FO				AA 05000	
	JEPOB	060		HM	R	FO		257.3(258.3T)	005.0	AA 05000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GQE	N352049.31	W0902841.37	N3520.822	W09028.690
	MEM	N350054.42	W0895859.55	N3500.907	W08958.993
	ELVIS	N350806.92	W0895921.42	N3508.115	W08959.357
	JEPOB	N343831.19	W0901643.56	N3438.520	W09016.726
	MCVEY	N351546.01	W0895931.36	N3515.767	W08959.523
	MIOLA	N352850.14	W0892343.44	N3528.836	W08923.724
	TUNIE	N351553.78	W0895014.58	N3515.896	W08950.243
	ZOKOR	N351538.35	W0900800.90	N3515.639	W09008.015
	RW18R	N350258.16	W0895914.79	N3502.969	W08959.247

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18R	00288	52

CITY AND STATE	ELEVATION: **341** **TDZE: 295**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MEMPHIS, TN	AIRPORT NAME: **MEMPHIS INTL**	**RNAV**	**RNAV (GPS) Z RWY 18R, AMDT 2C** 5 MARCH 2015	AMDT: **2B**
				DATED: **04/04/2013**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) - STANDARD, INSTRUMENT APPROACH PROCEDURE, TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MCVEY (IF)	ELVIS (TF) (FB) (RNP 1.00)	177.98 / 7.64	2000
ELVIS (FAF)	RW18R (MAP) (TF) (FB)	177.99 / 5.14	
RW18R (MAP)	ZUPIN (TF) (FB) (RNP 0.14)	177.98 / 0.30	
ZUPIN	HARUB (TF) (FB) (RNP 0.30)	178.00 / 0.61	
HARUB	JAGUR (TF) (FB) (RNP 1.00)	177.99 / 7.45	
JAGUR	JEPOB (TF) (FO) (RNP 1.00)	221.27 / 21.66	5000

MISSED APPROACH

RNP: DA

CLIMB TO 5000 ON TRACK 177.98 TO ZUPIN AND ON TRACK 178.00 TO HARUB AND ON TRACK 177.99 TO JAGUR AND ON TRACK 221.27 TO JEPOB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 257.32 INBOUND.
CHART FAS OBST: 292 TREE 350324N/0895932W
DISTANCE TO THLD FROM 267 HAT: 0.70 NM.
ROUTE TYPE QUALIFIER 1: F
ROUTE TYPE QUALIFIER 2: S
ROUTE TYPE: A,H
#TCH 340.2 MSL (DO NOT CHART)

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT MCVEY**
3. FAC: **177.99** FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: **MCVEY 4400**
5. DIST TO THLD FROM OM: **5.14** MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **2000** GS ALT AT: **ELVIS 2000** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **51.8#** **34:1 IS CLEAR**
8. MSA FROM: **RW18R 2600**

MAG VAR: **1E** EPOCH YEAR: **2000**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
AUTHORIZATION REQUIRED															
RNP 0.14 DA	**562**	**2400**	**267**	**562**	**2400**	**267**	**562**	**2400**	**267**	**562**	**2400**	**267**			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -9C (16F) OR ABOVE 48C (118F).
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE RNP 0.14 ALL CATS VISIBILITY TO RVR 5000.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 18C/L.
CHART NOTE: GPS REQUIRED.
(SEE FORM 8260-10)

QUALITY 4 CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
MEMPHIS, TN	**ELEVATION: 341 TDZE: 295** **MEMPHIS INTL**	**RNAV**	**RNAV (RNP) X RWY 18R, ORIG-D** 5 MARCH 2015	SUP: AMDT: **ORIG-C** DATED **05/31/2012**

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NOTES, (CONT.):

CHART NOTE: MISSED APPROACH REQUIRES RNP LESS THEN 1.0.

CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

CHART PLANVIEW NOTE: RADAR REQUIRED.

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MEMPHIS, TN	**ELEVATION: 341** **TDZE: 295** AIRPORT NAME: **MEMPHIS INTL**	**RNAV**	**RNAV (RNP) X RWY 18R, ORIG-D** 5 MARCH 2015	SUP: AMDT: **ORIG-C** DATED: **05/31/2012**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES **- TITLE 14 CFR PART 97.33**

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ARINC PACKET - 424-18 - RNAV (RNP)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   JEPOB K70    C   L N34383119W090164356                      W0009     NAR           JEPOB

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMEMK7AMEM     0     111YHN35023270W089583600E001000341         1800018000C    MNAR    MEMPHIS INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMEMK7CELVIS K70    C     N35080692W089592142                    W0011     NAR           ELVIS
        SUSAP KMEMK7CHARUB K70    W     N35020347W089591362                    W0011     NAR           HARUB
        SUSAP KMEMK7CJAGUR K70    W     N34543594W089590405                    W0011     NAR           JAGUR
        SUSAP KMEMK7CMCVEY K70    C     N35154601W089593136                    W0011     NAR           MCVEY
        SUSAP KMEMK7CZUPIN K70    W     N35024012W089591440                    W0011     NAR           ZUPIN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMEMK7FH18RX H      010MCVEYK7PC0E  I    IF                              + 04400     18000                A FS
        SUSAP KMEMK7FH18RX H      020ELVISK7PC1E  F 010TF                              + 02000                 RW18R K7PGA FS
        SUSAP KMEMK7FH18RX H      020ELVISK7PC2W                                            A142                        FS
        SUSAP KMEMK7FH18RX H      030RW18RK7PG0G  M 142TF                                 00340            -300          A FS
        SUSAP KMEMK7FH18RX H      040ZUPINK7PC0E M  142TF                                                               A FS
        SUSAP KMEMK7FH18RX H      050HARUBK7PC0E    031TF                                                               A FS
        SUSAP KMEMK7FH18RX H      060JAGURK7PC0E    010TF                                                               A FS
        SUSAP KMEMK7FH18RX H      070JEPOBK7EA0EY   010TF                              + 05000                          A FS
        SUSAP KMEMK7FH18RX H      080JEPOBK7EA0EE  R   HM                   25730050    + 05000                          A FS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMEMK7GRW18R   0093201780 N35025816W089591479+0300    +006010028800005215OIIOOI1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMEMK7SRW18RK7PG               0   18018002625                                                                  M
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **341** **TDZE: 295**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MEMPHIS, TN	AIRPORT NAME: **MEMPHIS INTL**	**RNAV**	**RNAV (RNP) X RWY 18R, ORIG-D** 5 MARCH 2015	AMDT: **ORIG-C**
				DATED: **05/31/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		MCVEY	010	FACF	IF		FB				AA 04400	
		ELVIS	020	FAF	TF		FB	1.0			AA 02000	
		RW18R	030	MAP	TF		FB	0.14			AT 00340	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ZUPIN	040		TF		FB	0.14				
	HARUB	050		TF		FB	0.3				
	JAGUR	060		TF		FB	1.0				
	JEPOB	070		TF		FO	1.0			AA 05000	
	JEPOB	080		HM	R	FO		257.3(258.3T)	005.0	AA 05000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JEPOB	N343831.19	W0901643.56	N3438.520	W09016.726
	ELVIS	N350806.92	W0895921.42	N3508.115	W08959.357
	HARUB	N350203.47	W0895913.62	N3502.058	W08959.227
	JAGUR	N345435.94	W0895904.05	N3454.599	W08959.068
	MCVEY	N351546.01	W0895931.36	N3515.767	W08959.523
	ZUPIN	N350240.12	W0895914.40	N3502.669	W08959.240
	RW18R	N350258.16	W0895914.79	N3502.969	W08959.247

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18R	00288	52

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **341** **TDZE: 295**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MEMPHIS, TN	AIRPORT NAME: **MEMPHIS INTL**	**RNAV**	**RNAV (RNP) X RWY 18R, ORIG-D** 5 MARCH 2015	AMDT: **ORIG-C**
				DATED: **05/31/2012**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) - STANDARD, INSTRUMENT APPROACH PROCEDURE, TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MCVEY (IF)	ELVIS (TF) (FB) (RNP 1.00)	177.98 / 7.64	2000
ELVIS (FAF)	RW18R (MAP) (TF) (FO)	177.99 / 5.14	
RW18R (MAP)	JAGUR (TF) (FB) (RNP 1.00)	177.99 / 8.36	
JAGUR	JEPOB (TF) (FO) (RNP 1.00)	221.27 / 21.66	5000

MISSED APPROACH

RNP: DA

CLIMB TO 5000 ON TRACK 177.99 TO JAGUR AND ON TRACK 221.27 TO JEPOB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 257.32 INBOUND.
CHART FAS OBST: 300 BILLBOARD 350340N/0895924W
DISTANCE TO THLD FROM 346 HAT: 0.94 NM.
ROUTE TYPE: A,H
ROUTE TYPE QUALIFIER 1: F
#TCH 340.2 MSL (DO NOT CHART)
ROUTE TYPE QUALIFIER 2: S

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT MCVEY**
3. FAC: **177.99** FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: **MCVEY 4400**
5. DIST TO THLD FROM OM: **5.14** MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **2000** GS ALT AT: **ELVIS 2000** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **51.8#** **34:1 IS CLEAR**
8. MSA FROM: **RW18R 2600**

MAG VAR: **1E** EPOCH YEAR: **2000**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
AUTHORIZATION REQUIRED															
RNP 0.19* DA	**641**	**4000**	**346**	**641**	**4000**	**346**	**641**	**4000**	**346**	**641**	**4000**	**346**			
RNP 0.30 DA	**769**	**6000**	**474**	**769**	**6000**	**474**	**769**	**6000**	**474**	**769**	**6000**	**474**			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -9C (16F) OR ABOVE 48C (118F).
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE RNP 0.19* ALL CATS VISIBILITY TO RVR 6000 AND RNP 0.30 ALL CATS VISIBILITY TO 1 3/4 MILE.
CHART NOTE: GPS REQUIRED.
(SEE FORM 8260-10)

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 341 TDZE: 295 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MEMPHIS, TN	**MEMPHIS INTL**	**RNAV**	**RNAV (RNP) Y RWY 18R, ORIG-D** 5 MARCH 2015	AMDT: **ORIG-C** DATED **05/31/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):

CHART NOTE: *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 425 FEET PER NM TO 1000.

CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

CHART PLANVIEW NOTE: RADAR REQUIRED.

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 18C/L.

QUALITY 9 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MEMPHIS, TN	**ELEVATION: 341** **TDZE: 295** AIRPORT NAME: **MEMPHIS INTL**	**RNAV**	**RNAV (RNP) Y RWY 18R, ORIG-D** 5 MARCH 2015	SUP: AMDT: **ORIG-C** DATED: **05/31/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (RNP)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   JEPOB K70    C   L N34383119W090164356                      W0009     NAR           JEPOB

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMEMK7AMEM     0     111YHN35023270W089583600E001000341         1800018000C    MNAR    MEMPHIS INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMEMK7CELVIS K70    C     N35080692W089592142                      W0011     NAR           ELVIS
        SUSAP KMEMK7CJAGUR K70    W     N34543594W089590405                      W0011     NAR           JAGUR
        SUSAP KMEMK7CMCVEY K70    C     N35154601W089593136                      W0011     NAR           MCVEY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMEMK7FH18RY H      010MCVEYK7PC0E  I    IF                              + 04400     18000                A FS
        SUSAP KMEMK7FH18RY H      020ELVISK7PC1E  F 010TF                              + 02000                RW18R K7PGA FS
        SUSAP KMEMK7FH18RY H      020ELVISK7PC2W                                           A031A192                      FS
        SUSAP KMEMK7FH18RY H      030RW18RK7PG0GY M 031TF                               00340             -300          A FS
        SUSAP KMEMK7FH18RY H      040JAGURK7PC0E M  010TF                                                              A FS
        SUSAP KMEMK7FH18RY H      050JEPOBK7EA0EY   010TF                             + 05000                           A FS
        SUSAP KMEMK7FH18RY H      060JEPOBK7EA0EE  R   HM                  25730050    + 05000                           A FS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMEMK7GRW18R   0093201780 N35025816W089591479+0300    +006010028800005215OIIOOI1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMEMK7SRW18RK7PG               0   18018002625                                                                      M
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **341** **TDZE: 295**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MEMPHIS, TN	AIRPORT NAME: **MEMPHIS INTL**	**RNAV**	**RNAV (RNP) Y RWY 18R, ORIG-D** 5 MARCH 2015	AMDT: **ORIG-C**
				DATED: **05/31/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		MCVEY	010	FACF	IF		FB				AA 04400	
		ELVIS	020	FAF	TF		FB	1.0			AA 02000	
		RW18R	030	MAP	TF		FO	0.3			AT 00340	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	JAGUR	040		TF		FB	1.0				
	JEPOB	050		TF		FO	1.0			AA 05000	
	JEPOB	060		HM	R	FO		257.3(258.3T)	005.0	AA 05000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JEPOB	N343831.19	W0901643.56	N3438.520	W09016.726
	ELVIS	N350806.92	W0895921.42	N3508.115	W08959.357
	JAGUR	N345435.94	W0895904.05	N3454.599	W08959.068
	MCVEY	N351546.01	W0895931.36	N3515.767	W08959.523
	RW18R	N350258.16	W0895914.79	N3502.969	W08959.247

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18R	00288	52

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **341** **TDZE: 295**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MEMPHIS, TN	AIRPORT NAME: **MEMPHIS INTL**	**RNAV**	**RNAV (RNP) Y RWY 18R, ORIG-D** 5 MARCH 2015	AMDT: **ORIG-C**
				DATED: **05/31/2012**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
UKW VORTAC	GREGS (FB)	101.89 / 18.54	4000
BYP VORTAC	TADDI (FB)	243.87 / 22.94	3000
GREGS (IAF)	IHZOP (NOPT) (FB)	109.93 / 5.69	4000
TADDI (IAF)	JELUV (NOPT) (FB)	269.78 / 18.48	3000
IHZOP	JIDOS (FB)	086.97 / 8.50	3000
JELUV	JIDOS (FB)	264.95 / 8.49	3000
JIDOS (IF/IAF)	HOLIW (FB)	177.06 / 6.80	2300
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

CLIMB TO 1900 THEN CLIMBING RIGHT TURN TO 4000 DIRECT GREGS AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N JIDOS, RT, 177.06 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 177.06 FAF: HOLIW DIST FAF TO MAP: 5.05 THLD: 5.05
4. MIN. ALT: JIDOS 3000, HOLIW 2300, ZOMLO/2.00 NM TO RW18 1320*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2300 GS ALT AT: HOLIW 2300 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 53.0 34:1 IS CLEAR
8. MSA FROM: RW18 4000

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 109.93 INBOUND.
CHART FAS OBST: 855 TOWER 331439N/0971202W
DISTANCE TO THLD FROM 200 HAT: 0.46 NM.
CHART VDP AT 1.35 MILES TO RW18*
*LNAV ONLY.
WAAS CHANNEL # 50520
REFERENCE PATH ID: W18A
LTP HAE: 168.1 M

MAG VAR: 4E EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	840	1/2	200	840	1/2	200	840	1/2	200	840	1/2	200			
LNAV/VNAV DA	1103	1 1/8	463	1103	1 1/8	463	1103	1 1/8	463	1103	1 1/8	463			
LNAV MDA	1120	1/2	480	1120	1/2	480	1120	1	480	1120	1	480			
CIRCLING	1160	1	518	1160	1	518	1160	1 1/2	518	1260	2	618			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BOWIE VORTAC AIRWAY RADIALS 033 CW 184.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BONHAM VORTAC AIRWAY RADIALS 173 CW 305.
(SEE FORM 8260-10)

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: 642 TDZE: 640 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DENTON, TX	DENTON MUNI	RNAV	RNAV (GPS) RWY 18, ORIG-A 5 MARCH 2015	AMDT: ORIG DATED 03/10/2011

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HOLIW (FAF)	ZOMLO/2.00 NM TO RW18 (FB)	177.06 / 3.05	
ZOMLO/2.00 NM TO RW18	RW18 (MAP) (FO)	177.06 / 2.00	
RW18 (MAP)	1900 MSL	177.06	1900
1900 MSL	GREGS (FO)		4000

NOTES, (CONT.):
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT WORTH ALLIANCE ALTIMETER SETTING AND INCREASE ALL DA 44 FEET AND ALL MDA 60 FEET. INCREASE LNAV/VNAV VISIBILITY 1/8 MILE ALL CATS, INCREASE CIRCLING CAT D VISIBILITY 1/4 MILE. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE VISIBILITY LNAV CAT C/D AND LNAV/VNAV ALL CATS, 3/8 MILE.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING FORT WORTH ALLIANCE ALTIMETER SETTING.

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DENTON, TX	**ELEVATION: 642** **TDZE: 640** AIRPORT NAME: **DENTON MUNI**	**RNAV**	**RNAV (GPS) RWY 18, ORIG-A** 5 MARCH 2015	SUP: AMDT: **ORIG** DATED: **03/10/2011**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDTO
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	331242.1900N
LTP/FTP LONGITUDE	0971151.8400W
LTP/FTP ELLIPSOIDAL HEIGHT	+01681
FPAP LATITUDE	331112.9355N
FPAP LONGITUDE	0971153.8055W
THRESHOLD CROSSING HEIGHT (TCH)	00053.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	8C7D1DE1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01948
FPAP ORTHOMETRIC HEIGHT	+01948

QUALITY 16 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES **- FAR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        BYP   K4011460VTHA N33321495W096140274    N33321495W096140274E0060007002     NARBONHAM
        SUSAD        UKW   K4011240VTHA N33320919W097491660    N33320919W097491660E0060011022     NARBOWIE

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   GREGS K40    C   L N33270219W097275780                    E0041     NAR           GREGS
        SUSAEAENRT   HOLIW K40    W     N33174564W097114515                    E0039     NAR           HOLIW
        SUSAEAENRT   IHZOP K40    W     N33244338W097214529                    E0040     NAR           IHZOP
        SUSAEAENRT   JELUV K40    W     N33244408W097012738                    E0038     NAR           JELUV
        SUSAEAENRT   JIDOS K40    W     N33243434W097113613                    E0039     NAR           JIDOS
        SUSAEAENRT   TADDI K40    C   L N33233288W096392539                    E0036     NAR           TADDI
        SUSAEAENRT   ZOMLO K40    W     N33144240W097114919                    E0039     NAR           ZOMLO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTOK4ADTO     0     070YHN33120756W097115261E004000642         1800018000C    MNAR    DENTON MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTOK4FR18   ABYP   010BYP  K4D 0V       IF                                                  18000                A JS
        SUSAP KDTOK4FR18   ABYP   020TADDIK4EA0E  A 020TF                    24390229    + 03000                                A JS
        SUSAP KDTOK4FR18   ABYP   030JELUVK4EA0E    010TF                    26980185    + 03000                                A JS
        SUSAP KDTOK4FR18   ABYP   040JIDOSK4EA0EE B 010TF                    26500085    + 03000                                A JS
        SUSAP KDTOK4FR18   AJIDOS 010JIDOSK4EA0EE AR   HF                   17710040    + 03000     18000                      A JS
        SUSAP KDTOK4FR18   AUKW   010UKW  K4D 0V       IF                                          18000                      A JS
        SUSAP KDTOK4FR18   AUKW   020GREGSK4EA0E  A 020TF                    10190185    + 04000                                A JS
        SUSAP KDTOK4FR18   AUKW   030IHZOPK4EA0E    010TF                    10990057    + 04000                                A JS
        SUSAP KDTOK4FR18   AUKW   040JIDOSK4EA0EE B 010TF                    08700085    + 03000                                A JS
        SUSAP KDTOK4FR18   R      010JIDOSK4EA0E  I    IF                                + 03000     18000                      A JS
        SUSAP KDTOK4FR18   R      020HOLIWK4EA1E  F 051TF                    17710068    + 02300                 RW18  K4PGA JS
        SUSAP KDTOK4FR18   R      020HOLIWK4EA2WALPV       ALNAV/VNAV ALNAV                                                     JS
        SUSAP KDTOK4FR18   R      021ZOMLOK4EA0E S  031TF                    17710031    V 0132001329        -300             A JS
        SUSAP KDTOK4FR18   R      030RW18 K4PG0GY M 031TF                    17710020      00692             -300             A JS
        SUSAP KDTOK4FR18   R      040         0  M     CA                    1771        + 01900                              A JS
        SUSAP KDTOK4FR18   R      050GREGSK4EA0EY  R   DF                               + 04000                              A JS
        SUSAP KDTOK4FR18   R      060GREGSK4EA0EE  R   HM                   10990050    + 04000                              A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
```

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: **642** **TDZE: 640**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DENTON, TX	AIRPORT NAME: **DENTON MUNI**	**RNAV**	**RNAV (GPS) RWY 18, ORIG-A** 5 MARCH 2015	AMDT: **ORIG**
				DATED: **03/10/2011**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
RUNWAY  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTOK4GRW18    0070021771 N33124219W097115184-0200    +016810063900005315OIIDTO1

                  1         2         3         4         5         6         7         8         9         0         1         2         3
PP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTOK4PR18   RW18 001 0000W18A0N3312421900W09711518400+016810300N3311129355W097115380551067506160005300F4003508C7D1DE1
        SUSAP KDTOK4PR18   RW18 002E      +01948+01948LPV       50520

                  1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTOK4SRW18 K4PG               0   18018004025                                                                          M
```

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: **642** TDZE: **640**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DENTON, TX	AIRPORT NAME: **DENTON MUNI**	**RNAV**	**RNAV (GPS) RWY 18, ORIG-A** 5 MARCH 2015	AMDT: **ORIG**
				DATED: **03/10/2011**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BYP	BYP	010		IF		FB					
	BYP	TADDI	020	IAF	TF		FB	2.0	243.9(247.9T)	022.9	AA 03000	
	BYP	JELUV	030		TF		FB	1.0	269.8(273.8T)	018.5	AA 03000	
	BYP	JIDOS	040		TF		FB	1.0	265.0(269.0T)	008.5	AA 03000	
	JIDOS	JIDOS	010	IAF	HF	R	FO		177.1(181.1T)	004.0	AA 03000	
	UKW	UKW	010		IF		FB					
	UKW	GREGS	020	IAF	TF		FB	2.0	101.9(105.9T)	018.5	AA 04000	
	UKW	IHZOP	030		TF		FB	1.0	109.9(113.9T)	005.7	AA 04000	
	UKW	JIDOS	040		TF		FB	1.0	087.0(091.0T)	008.5	AA 03000	
		JIDOS	010	FACF	IF		FB				AA 03000	
		HOLIW	020	FAF	TF		FB	0.5	177.1(181.1T)	006.8	AA 02300	
		ZOMLO	021	SDF	TF		FB	0.3	177.1(181.1T)	003.1	AA 01320	GS 01329
		RW18	030	MAP	TF		FO	0.3	177.1(181.1T)	002.0	AT 00692	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		177.1(181.1T)		AA 01900	
	GREGS	050		DF	R	FO				AA 04000	
	GREGS	060		HM	R	FO		109.9(113.9T)	005.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BYP	N333214.95	W0961402.74	N3332.249	W09614.046
	UKW	N333209.19	W0974916.60	N3332.153	W09749.277
	GREGS	N332702.19	W0972757.80	N3327.037	W09727.963
	HOLIW	N331745.64	W0971145.15	N3317.761	W09711.753
	IHZOP	N332443.38	W0972145.29	N3324.723	W09721.755
	JELUV	N332444.08	W0970127.38	N3324.735	W09701.456
	JIDOS	N332434.34	W0971136.13	N3324.572	W09711.602
	TADDI	N332332.88	W0963925.39	N3323.548	W09639.423
	ZOMLO	N331442.40	W0971149.19	N3314.707	W09711.820
	RW18	N331242.19	W0971151.84	N3312.703	W09711.864

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00639	53

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: **642**	**TDZE: 640**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DENTON, TX	AIRPORT NAME: **DENTON MUNI**		**RNAV**	**RNAV (GPS) RWY 18, ORIG-A** 5 MARCH 2015	AMDT: **ORIG**
					DATED: **03/10/2011**

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30998; Amdt. No. 3626]

Standard Instrument Approach Procedures, and Takeoff Minimums and Obstacle Departure Procedures; Miscellaneous Amendments

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: This rule amends, suspends, or removes Standard Instrument Approach Procedures (SIAPs) and associated Takeoff Minimums and Obstacle Departure Procedures for operations at certain airports. These regulatory actions are needed because of the adoption of new or revised criteria, or because of changes occurring in the National Airspace System, such as the commissioning of new navigational facilities, adding new obstacles, or changing air traffic requirements. These changes are designed to provide for the safe and efficient use of the navigable airspace and to promote safe flight operations under instrument flight rules at the affected airports.

DATES: This rule is effective [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER]. The compliance date for each SIAP, associated Takeoff Minimums, and ODP is specified in the amendatory provisions.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER].

ADDRESSES: Availability of matter incorporated by reference in the amendment is as follows:

For Examination

1. U.S. Department of Transportation, Docket Ops-M30, 1200 New Jersey Avenue SE, West Bldg., Ground Floor, Washington, D.C., 20590-0001;

2. The FAA Air Traffic Organization Service Area in which the affected airport is located;

3. The office of Aeronautical Navigation Products, 6500 South MacArthur Blvd., Oklahoma City, OK 73169 or,

4. The National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

Availability

All SIAPs and Takeoff Minimums and ODPs are available online free of charge. Visit the National Flight Data Center online at nfdc.faa.gov to register. Additionally, individual SIAP and Takeoff Minimums and ODP copies may be obtained from the FAA Air Traffic Organization Service Area in which the affected airport is located.

FOR FURTHER INFORMATION CONTACT: Richard A. Dunham III, Flight Procedure Standards Branch (AFS-420)Flight Technologies and Procedures Division, Flight Standards Service, Federal Aviation Administration, Mike Monroney Aeronautical Center, 6500 South MacArthur Blvd., Oklahoma City, OK. 73169 (Mail Address: P.O. Box 25082 Oklahoma City, OK. 73125) telephone: (405) 954-4164.

SUPPLEMENTARY INFORMATION:

This rule amends Title 14, Code of Federal Regulations, Part 97 (14 CFR part 97) by amending the referenced SIAPs. The complete regulatory description of each SIAP is listed on the appropriate FAA Form 8260, as modified by the National Flight Data Center (NFDC)/Permanent Notice to Airmen (P-NOTAM), and is incorporated by reference under 5 U.S.C. 552(a), 1 CFR part 51, and 14 CFR §97.20. The large number of SIAPs, their complex nature, and the need for a special format make their verbatim publication in the **Federal Register** expensive and impractical. Further, airmen do not use the regulatory text of the SIAPs, but refer to their graphic depiction on charts printed by publishers of aeronautical materials. Thus, the advantages of incorporation by reference are realized and publication of the complete description of each SIAP contained on FAA form documents is unnecessary.

This amendment provides the affected CFR sections, and specifies the SIAPs and Takeoff Minimums and ODPs with their applicable effective dates. This amendment also identifies the airport and its location, the procedure and the amendment number.

Availability and Summary of Material Incorporated by Reference

The material incorporated by reference is publicly available as listed in the ADDRESSES section.

The material incorporated by reference describes SIAPs, Takeoff Minimums and ODPs as identified in the amendatory language for part 97 of this final rule.

The Rule

This amendment to 14 CFR part 97 is effective upon publication of each separate SIAP and Takeoff Minimums and ODP as amended in the transmittal. For safety and timeliness of change considerations, this amendment incorporates only specific changes contained for each SIAP and Takeoff Minimums and ODP as modified by FDC permanent NOTAMs.

The SIAPs and Takeoff Minimums and ODPs, as modified by FDC permanent NOTAM, and contained in this amendment are based on the criteria contained in the U.S. Standard for Terminal Instrument Procedures (TERPS). In developing these changes to SIAPs and Takeoff Minimums and ODPs, the TERPS criteria were applied only to specific conditions existing at the affected

airports. All SIAP amendments in this rule have been previously issued by the FAA in a FDC NOTAM as an emergency action of immediate flight safety relating directly to published aeronautical charts.

The circumstances that created the need for these SIAP and Takeoff Minimums and ODP amendments require making them effective in less than 30 days.

Because of the close and immediate relationship between these SIAPs, Takeoff Minimums and ODPs, and safety in air commerce, I find that notice and public procedure under 5 U.S.C. 553(b) are impracticable and contrary to the public interest and, where applicable, under 5 U.S.C. 553(d), good cause exists for making these SIAPs effective in less than 30 days.

The FAA has determined that this regulation only involves an established body of technical regulations for which frequent and routine amendments are necessary to keep them operationally current. It, therefore-- (1) is not a “significant regulatory action” under Executive Order 12866; (2) is not a “significant rule” under DOT regulatory Policies and Procedures (44 FR 11034; February 26, 1979); and (3) does not warrant preparation of a regulatory evaluation as the anticipated impact is so minimal. For the same reason, the FAA certifies that this

amendment will not have a significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

List of Subjects in 14 CFR part 97

Air Traffic Control, Airports, Incorporation by reference, Navigation (Air).

Issued in Washington, DC on **JANUARY 2, 2015.**

John Duncan
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

Accordingly, pursuant to the authority delegated to me, Title 14, Code of Federal regulations, Part 97, (14 CFR part 97), is amended by amending Standard Instrument Approach Procedures and Takeoff Minimums and ODPs, effective at 0901 UTC on the dates specified, as follows:

PART 97 – STANDARD INSTRUMENT APPROACH PROCEDURES

1. The authority citation for part 97 continues to read as follows:

AUTHORITY: 49 U.S.C. 106(g), 40103, 40106, 40113, 40114, 40120, 44502, 44514, 44701, 44719, 44721-44722.

2. Part 97 is amended to read as follows:

By amending: §97.23 VOR, VOR/DME, VOR or TACAN, and VOR/DME or TACAN; §97.25 LOC, LOC/DME, LDA, LDA/DME, SDF, SDF/DME; §97.27 NDB, NDB/DME; §97.29 ILS, ILS/DME, MLS, MLS/DME, MLS/RNAV; §97.31 RADAR SIAPs; §97.33 RNAV SIAPs; and §97.35 COPTER SIAPs, Identified as follows:

.....EFFECTIVE UPON PUBLICATION

AIRAC DATE	STATE	CITY	AIRPORT	FDC NUMBER	FDC DATE	SUBJECT
5-Feb-15	IA	Cherokee	Cherokee County Rgnl	4/0182	12/18/14	RNAV (GPS) Y RWY 36, Orig-A
5-Feb-15	KY	Lexington	Blue Grass	4/0198	12/22/14	RNAV (GPS) RWY 27, Orig
5-Feb-15	TX	Corpus Christi	Corpus Christi Intl	4/0220	12/22/14	RNAV (RNP) Z RWY 36, Amdt 1
5-Feb-15	TX	Corpus Christi	Corpus Christi Intl	4/0226	12/22/14	RNAV (RNP) Z RWY 31, Orig-C
5-Feb-15	TX	Corpus Christi	Corpus Christi Intl	4/0228	12/22/14	RNAV (RNP) Z RWY 13, Orig-B
5-Feb-15	TX	Corpus Christi	Corpus Christi Intl	4/0230	12/22/14	RNAV (GPS) Y RWY 13, Amdt 1B
5-Feb-15	TX	Corpus Christi	Corpus Christi Intl	4/0232	12/22/14	RNAV (GPS) RWY 18, Amdt 1
5-Feb-15	TX	Corpus Christi	Corpus Christi Intl	4/0233	12/22/14	ILS OR LOC RWY 36, Amdt 13
5-Feb-15	TX	Corpus Christi	Corpus Christi Intl	4/0234	12/22/14	RNAV (GPS) Y RWY 36, Amdt 2
5-Feb-15	TX	Corpus Christi	Corpus Christi Intl	4/0239	12/22/14	VOR OR TACAN RWY 18, Amdt 28
5-Feb-15	TX	Corpus Christi	Corpus Christi Intl	4/0240	12/22/14	ILS OR LOC RWY 13, Amdt 27B
5-Feb-15	TX	Corpus Christi	Corpus Christi Intl	4/0242	12/22/14	RNAV (GPS) Y RWY 31, Amdt 3A
5-Feb-15	TX	Corpus Christi	Corpus Christi Intl	4/0243	12/22/14	LOC RWY 31, Amdt 8A
5-Feb-15	MO	St Joseph	Rosecrans Memorial	4/0256	12/18/14	RNAV (GPS) RWY 31, Orig-A
5-Feb-15	OH	Youngstown	Youngstown Elser Metro	4/0262	12/29/14	Takeoff Minimums and (Obstacle) DP, Amdt 1
5-Feb-15	IA	Red Oak	Red Oak Muni	4/0270	12/29/14	RNAV (GPS) RWY 5, Amdt 1
5-Feb-15	IA	Shenandoah	Shenandoah Muni	4/0274	12/29/14	VOR/DME RWY 12, Amdt 4
5-Feb-15	IA	Sheldon	Sheldon Muni	4/0283	12/29/14	RNAV (GPS) RWY 33, Amdt 1
5-Feb-15	IA	Spencer	Spencer Muni	4/0289	12/29/14	NDB RWY 30, Amdt 9
5-Feb-15	IA	Spencer	Spencer Muni	4/0290	12/29/14	RNAV (GPS) RWY 18, Amdt 1
5-Feb-15	IA	Spencer	Spencer Muni	4/0292	12/29/14	RNAV (GPS) RWY 30, Amdt 1
5-Feb-15	IA	Spencer	Spencer Muni	4/0293	12/29/14	RNAV (GPS) RWY 36, Amdt 1
5-Feb-15	IA	Sioux City	Sioux Gateway/Col Bud Day Field	4/0336	12/29/14	ILS OR LOC RWY 13, Amdt 2A

5-Feb-15	IA	Sioux City	Sioux Gateway/Col Bud Day Field	4/0337	12/29/14	ILS OR LOC RWY 31, Amdt 25B
5-Feb-15	IA	Sioux City	Sioux Gateway/Col Bud Day Field	4/0338	12/29/14	NDB RWY 35, Orig-E
5-Feb-15	IA	Sioux City	Sioux Gateway/Col Bud Day Field	4/0341	12/29/14	VOR OR TACAN RWY 31, Amdt 26C
5-Feb-15	IA	Sioux City	Sioux Gateway/Col Bud Day Field	4/0342	12/29/14	RNAV (GPS) RWY 13, Orig-B
5-Feb-15	IA	Sioux City	Sioux Gateway/Col Bud Day Field	4/0343	12/29/14	VOR/DME OR TACAN RWY 13, Amdt 18B
5-Feb-15	IA	Sioux City	Sioux Gateway/Col Bud Day Field	4/0345	12/29/14	NDB RWY 31, Amdt 23D
5-Feb-15	IA	Sioux City	Sioux Gateway/Col Bud Day Field	4/0346	12/29/14	NDB RWY 13, Amdt 15F
5-Feb-15	CA	Santa Maria	Santa Maria Pub/Capt G Allan Hancock Fld	4/0424	12/22/14	RNAV (GPS) RWY 30, Orig-B
5-Feb-15	KS	Goodland	Renner Fld /Goodland Muni/	4/0431	12/29/14	RNAV (GPS) RWY 30, Amdt 1
5-Feb-15	KS	Goodland	Renner Fld /Goodland Muni/	4/0432	12/29/14	VOR/DME RWY 30, Amdt 8
5-Feb-15	KS	Goodland	Renner Fld /Goodland Muni/	4/0438	12/29/14	ILS OR LOC RWY 30, Amdt 2
5-Feb-15	KS	Goodland	Renner Fld /Goodland Muni/	4/0441	12/29/14	VOR RWY 30, Amdt 9
5-Feb-15	KS	Hill City	Hill City Muni	4/0442	12/23/14	RNAV (GPS) RWY 18, Amdt 1
5-Feb-15	KS	Pittsburg	Atkinson Muni	4/0444	12/23/14	RNAV (GPS) RWY 16, Amdt 2A
5-Feb-15	KS	Pittsburg	Atkinson Muni	4/0448	12/23/14	RNAV (GPS) RWY 4, Amdt 1B
5-Feb-15	KS	Belleville	Belleville Muni	4/0452	12/29/14	RNAV (GPS) RWY 36, Orig
5-Feb-15	CO	Pueblo	Pueblo Memorial	4/0491	12/22/14	VOR/DME RWY 26L, Orig
5-Feb-15	KS	Norton	Norton Muni	4/0736	12/22/14	NDB RWY 16, Amdt 2
5-Feb-15	KS	Norton	Norton Muni	4/0737	12/22/14	NDB RWY 34, Amdt 2
5-Feb-15	KS	Norton	Norton Muni	4/0738	12/22/14	RNAV (GPS) RWY 16, Amdt 1
5-Feb-15	KS	Norton	Norton Muni	4/0739	12/22/14	RNAV (GPS) RWY 34, Amdt 1
5-Feb-15	IN	Marion	Marion Muni	4/0749	12/22/14	RNAV (GPS) RWY 15, Orig-A
5-Feb-15	KS	Burlington	Coffey County	4/1228	12/23/14	RNAV (GPS) RWY 36, Orig
5-Feb-15	KS	Burlington	Coffey County	4/1250	12/23/14	RNAV (GPS) RWY 18, Orig
5-Feb-15	MN	Perham	Perham Muni	4/1256	12/23/14	RNAV (GPS) RWY 31, Amdt 1
5-Feb-15	MN	Springfield	Springfield Muni	4/1262	12/23/14	RNAV (GPS) RWY 13, Orig
5-Feb-15	MN	Springfield	Springfield Muni	4/1263	12/23/14	RNAV (GPS) RWY 31, Orig
5-Feb-15	MN	Springfield	Springfield Muni	4/1264	12/23/14	VOR/DME RWY 13, Amdt 3
5-Feb-15	MN	Moorhead	Moorhead Muni	4/1311	12/23/14	RNAV (GPS) RWY 30, Amdt 1

5-Feb-15	MN	Orr	Orr Rgnl	4/1352	12/29/14	NDB RWY 13, Amdt 8A
5-Feb-15	MN	Orr	Orr Rgnl	4/1353	12/29/14	RNAV (GPS) RWY 13, Orig-A
5-Feb-15	MN	Worthington	Worthington Muni	4/1371	12/29/14	VOR RWY 18, Amdt 10
5-Feb-15	MN	Worthington	Worthington Muni	4/1373	12/29/14	RNAV (GPS) RWY 29, Orig
5-Feb-15	MN	Worthington	Worthington Muni	4/1375	12/29/14	NDB RWY 29, Amdt 1
5-Feb-15	MN	Worthington	Worthington Muni	4/1377	12/29/14	RNAV (GPS) RWY 18, Orig
5-Feb-15	MN	Worthington	Worthington Muni	4/1385	12/29/14	ILS OR LOC RWY 29, Amdt 1
5-Feb-15	MN	Paynesville	Paynesville Muni	4/1402	12/29/14	RNAV (GPS) RWY 29, Amdt 1
5-Feb-15	MN	Paynesville	Paynesville Muni	4/1404	12/29/14	RNAV (GPS) RWY 11, Amdt 1
5-Feb-15	MN	Park Rapids	Park Rapids Muni-Konshok Field	4/1405	12/23/14	NDB RWY 31, Amdt 2
5-Feb-15	MN	Park Rapids	Park Rapids Muni-Konshok Field	4/1406	12/23/14	RNAV (GPS) RWY 31, Orig
5-Feb-15	MN	Park Rapids	Park Rapids Muni-Konshok Field	4/1411	12/23/14	ILS OR LOC RWY 31, Amdt 1B
5-Feb-15	MN	Park Rapids	Park Rapids Muni-Konshok Field	4/1412	12/23/14	VOR RWY 31, Amdt 14
5-Feb-15	FL	Venice	Venice Muni	4/1521	12/29/14	RNAV (GPS) RWY 5, Orig-B
5-Feb-15	FL	Venice	Venice Muni	4/1522	12/29/14	RNAV (GPS) RWY 13, Amdt 1B
5-Feb-15	FL	Venice	Venice Muni	4/1523	12/29/14	RNAV (GPS) RWY 31, Amdt 1B
5-Feb-15	VT	Morrisville	Morrisville-Stowe State	4/1529	12/22/14	RNAV (GPS) Y RWY 19, Amdt 1
5-Feb-15	VT	Morrisville	Morrisville-Stowe State	4/1531	12/22/14	RNAV (GPS) Z RWY 19, Amdt 1
5-Feb-15	MN	Pipestone	Pipestone Muni	4/1550	12/23/14	RNAV (GPS) RWY 18, Amdt 1
5-Feb-15	MN	Pipestone	Pipestone Muni	4/1551	12/23/14	RNAV (GPS) RWY 36, Amdt 1
5-Feb-15	MN	Rush City	Rush City Rgnl	4/1554	12/23/14	NDB RWY 34, Orig
5-Feb-15	MN	Rush City	Rush City Rgnl	4/1556	12/23/14	RNAV (GPS) RWY 34, Orig
5-Feb-15	MN	Ortonville	Ortonville Muni-Martinson Field	4/1559	12/23/14	RNAV (GPS) RWY 34, Orig
5-Feb-15	MN	Ortonville	Ortonville Muni-Martinson Field	4/1560	12/23/14	NDB RWY 34, Amdt 2
5-Feb-15	MO	Aurora	Jerry Sumners Sr Aurora Muni	4/1564	12/23/14	RNAV (GPS) RWY 18, Orig
5-Feb-15	MO	Branson West	Branson West Muni - Emerson Field	4/1565	12/23/14	RNAV (GPS) RWY 21, Amdt 1
5-Feb-15	MO	Osage Beach	Grand Glaize-Osage Beach	4/1579	12/23/14	VOR RWY 32, Amdt 6A
5-Feb-15	MO	Osage Beach	Grand Glaize-Osage Beach	4/1581	12/23/14	RNAV (GPS) RWY 32, Amdt 1

5-Feb-15	MO	Lee's Summit	Lee's Summit Muni	4/1582	12/23/14	RNAV (GPS) RWY 11, Amdt 1
5-Feb-15	MO	Lee's Summit	Lee's Summit Muni	4/1583	12/23/14	RNAV (GPS) RWY 36, Amdt 2
5-Feb-15	MO	Lee's Summit	Lee's Summit Muni	4/1586	12/23/14	RNAV (GPS) RWY 18, Amdt 2
5-Feb-15	MO	Lee's Summit	Lee's Summit Muni	4/1587	12/23/14	RNAV (GPS) RWY 29, Amdt 2
5-Feb-15	MO	Sikeston	Sikeston Memorial Muni	4/1595	12/23/14	RNAV (GPS) RWY 2, Amdt 1
5-Feb-15	MO	Sikeston	Sikeston Memorial Muni	4/1596	12/23/14	RNAV (GPS) RWY 20, Amdt 2
5-Feb-15	MO	Sikeston	Sikeston Memorial Muni	4/1597	12/23/14	VOR RWY 20, Amdt 4
5-Feb-15	MO	Sikeston	Sikeston Memorial Muni	4/1598	12/23/14	VOR/DME RWY 2, Amdt 3
5-Feb-15	MO	Trenton	Trenton Muni	4/1610	12/23/14	RNAV (GPS) RWY 18, Orig
5-Feb-15	MO	Trenton	Trenton Muni	4/1611	12/23/14	NDB RWY 18, Amdt 7B
5-Feb-15	MO	Trenton	Trenton Muni	4/1612	12/23/14	RNAV (GPS) RWY 36, Orig
5-Feb-15	MO	Trenton	Trenton Muni	4/1613	12/23/14	NDB RWY 36, Amdt 10
5-Feb-15	ND	Cavalier	Cavalier Muni	4/1614	12/23/14	RNAV (GPS) RWY 34, Amdt 1
5-Feb-15	ND	Linton	Linton Muni	4/1615	12/23/14	RNAV (GPS) RWY 27, Orig
5-Feb-15	ND	Devils Lake	Devils Lake Rgnl	4/1616	12/23/14	VOR RWY 13, Amdt 1A
5-Feb-15	ND	Devils Lake	Devils Lake Rgnl	4/1617	12/23/14	RNAV (GPS) RWY 21, Amdt 1A
5-Feb-15	ND	Devils Lake	Devils Lake Rgnl	4/1618	12/23/14	RNAV (GPS) RWY 31, Amdt 1A
5-Feb-15	ND	Devils Lake	Devils Lake Rgnl	4/1622	12/23/14	VOR RWY 31, Amdt 1A
5-Feb-15	ND	Devils Lake	Devils Lake Rgnl	4/1624	12/23/14	RNAV (GPS) RWY 13, Amdt 1A
5-Feb-15	NE	Hartington	Hartington Muni/ Bud Becker Fld	4/1627	12/22/14	RNAV (GPS) RWY 13, Orig
5-Feb-15	NE	Hartington	Hartington Muni/ Bud Becker Fld	4/1630	12/22/14	RNAV (GPS) RWY 31, Orig
5-Feb-15	NE	Pender	Pender Muni	4/1641	12/22/14	RNAV (GPS) RWY 33, Orig
5-Feb-15	NE	Tecumseh	Tecumseh Muni	4/1642	12/22/14	RNAV (GPS) RWY 15, Orig
5-Feb-15	NE	Tecumseh	Tecumseh Muni	4/1647	12/22/14	RNAV (GPS) RWY 33, Orig
5-Feb-15	NE	Creighton	Creighton Muni	4/1648	12/22/14	RNAV (GPS) RWY 13, Orig
5-Feb-15	NE	Creighton	Creighton Muni	4/1651	12/22/14	RNAV (GPS) RWY 31, Orig
5-Feb-15	NE	Central City	Central City Muni - Larry Reineke Field	4/1653	12/22/14	RNAV (GPS) RWY 34, Orig
5-Feb-15	NE	Central City	Central City Muni - Larry Reineke Field	4/1654	12/22/14	RNAV (GPS) RWY 16, Orig
5-Feb-15	NE	Red Cloud	Red Cloud Muni	4/1655	12/23/14	RNAV (GPS) RWY 34, Orig
5-Feb-15	NE	Harvard	Harvard State	4/1656	12/23/14	RNAV (GPS) RWY 17, Orig
5-Feb-15	NE	Harvard	Harvard State	4/1657	12/23/14	RNAV (GPS) RWY 35, Amdt 1
5-Feb-15	NE	Atkinson	Stuart-Atkinson Muni	4/1658	12/29/14	VOR/DME RWY 29, Amdt 1

5-Feb-15	NE	Atkinson	Stuart-Atkinson Muni	4/1659	12/29/14	RNAV (GPS) RWY 29, Orig
5-Feb-15	NE	Superior	Superior Muni	4/1660	12/23/14	RNAV (GPS) RWY 32, Orig
5-Feb-15	NE	Scottsbluff	Western Nebraska Rgnl/William B Heilig Field	4/1661	12/23/14	ILS OR LOC RWY 30, Amdt 10
5-Feb-15	NE	Scottsbluff	Western Nebraska Rgnl/William B Heilig Field	4/1662	12/23/14	RNAV (GPS) RWY 5, Amdt 1
5-Feb-15	NE	Scottsbluff	Western Nebraska Rgnl/William B Heilig Field	4/1663	12/23/14	RNAV (GPS) RWY 30, Amdt 1
5-Feb-15	NE	Beatrice	Beatrice Muni	4/1691	12/23/14	VOR RWY 36, Amdt 9
5-Feb-15	NE	Burwell	Cram Field	4/1692	12/22/14	RNAV (GPS) RWY 15, Orig
5-Feb-15	NE	Burwell	Cram Field	4/1693	12/22/14	NDB RWY 15, Amdt 1
5-Feb-15	NE	Chadron	Chadron Muni	4/1697	12/23/14	RNAV (GPS) RWY 29, Orig
5-Feb-15	NE	Chadron	Chadron Muni	4/1698	12/23/14	NDB RWY 20, Amdt 12A
5-Feb-15	NE	Chadron	Chadron Muni	4/1702	12/23/14	RNAV (GPS) RWY 20, Amdt 2
5-Feb-15	NE	Kearney	Kearney Rgnl	4/1704	12/23/14	RNAV (GPS) RWY 13, Orig
5-Feb-15	NE	Kearney	Kearney Rgnl	4/1705	12/23/14	VOR RWY 13, Amdt 2A
5-Feb-15	NE	Fremont	Fremont Muni	4/1707	12/23/14	VOR/DME RWY 14, Amdt 3
5-Feb-15	NE	Fremont	Fremont Muni	4/1708	12/23/14	RNAV (GPS) RWY 14, Amdt 2
5-Feb-15	NE	Fremont	Fremont Muni	4/1709	12/23/14	RNAV (GPS) RWY 32, Orig
5-Feb-15	NE	Grant	Grant Muni	4/1712	12/23/14	VOR/DME RWY 15, Amdt 2
5-Feb-15	NE	Hastings	Hastings Muni	4/1713	12/23/14	RNAV (GPS) RWY 4, Orig
5-Feb-15	NE	Hastings	Hastings Muni	4/1714	12/23/14	VOR RWY 4, Amdt 6
5-Feb-15	NE	Hastings	Hastings Muni	4/1715	12/23/14	RNAV (GPS) RWY 32, Orig
5-Feb-15	NE	Hastings	Hastings Muni	4/1716	12/23/14	VOR RWY 32, Amdt 14
5-Feb-15	NE	Kimball	Kimball Muni/Robert E Arraj Field	4/1717	12/23/14	RNAV (GPS) RWY 28, Amdt 1
5-Feb-15	NE	North Platte	North Platte Rgnl Airport Lee Bird Field	4/1720	12/23/14	RNAV (GPS) RWY 30, Amdt 2
5-Feb-15	NE	North Platte	North Platte Rgnl Airport Lee Bird Field	4/1721	12/23/14	ILS OR LOC RWY 30, Amdt 7
5-Feb-15	NE	North Platte	North Platte Rgnl Airport Lee Bird Field	4/1723	12/23/14	RNAV (GPS) RWY 35, Amdt 1
5-Feb-15	NE	North Platte	North Platte Rgnl Airport Lee Bird Field	4/1724	12/23/14	RNAV (GPS) RWY 12, Amdt 1
5-Feb-15	NE	Wayne	Wayne Muni/ Stan Morris Fld	4/1725	12/23/14	RNAV (GPS) RWY 23, Amdt 1
5-Feb-15	NE	Ogallala	Searle Field	4/1728	12/23/14	VOR RWY 26, Amdt 6
5-Feb-15	NE	Ogallala	Searle Field	4/1729	12/23/14	RNAV (GPS) RWY 26, Amdt 2
5-Feb-15	NE	Ogallala	Searle Field	4/1730	12/23/14	RNAV (GPS) RWY 31, Orig
5-Feb-15	NE	Ogallala	Searle Field	4/1731	12/23/14	VOR/DME RWY 26, Amdt 1

5-Feb-15	SD	Sioux Falls	Joe Foss Field	4/1794	12/22/14	RNAV (GPS) RWY 33, Amdt 1
5-Feb-15	SD	Sioux Falls	Joe Foss Field	4/1795	12/22/14	VOR/DME OR TACAN RWY 33, Amdt 12C
5-Feb-15	SD	Sioux Falls	Joe Foss Field	4/1796	12/22/14	RNAV (GPS) RWY 3, Amdt 1A
5-Feb-15	SD	Sioux Falls	Joe Foss Field	4/1797	12/22/14	RNAV (GPS) RWY 15, Amdt 1
5-Feb-15	SD	Sioux Falls	Joe Foss Field	4/1798	12/22/14	VOR OR TACAN RWY 15, Amdt 21C
5-Feb-15	SD	Sioux Falls	Joe Foss Field	4/1799	12/22/14	ILS OR LOC RWY 3, Amdt 27E
5-Feb-15	SD	Hot Springs	Hot Springs Muni	4/1801	12/23/14	RNAV (GPS) RWY 19, Orig
5-Feb-15	SD	Lemmon	Lemmon Muni	4/1805	12/23/14	RNAV (GPS) RWY 29, Orig
5-Feb-15	SD	Madison	Madison Muni	4/1806	12/23/14	RNAV (GPS) RWY 33, Orig
5-Feb-15	SD	Madison	Madison Muni	4/1808	12/23/14	RNAV (GPS) RWY 15, Orig
5-Feb-15	SD	Miller	Miller Muni	4/1810	12/23/14	RNAV (GPS) RWY 15, Amdt 1
5-Feb-15	SD	Philip	Philip	4/1813	12/23/14	RNAV (GPS) RWY 30, Orig
5-Feb-15	SD	Rapid City	Rapid City Rgnl	4/1814	12/23/14	VOR OR TACAN RWY 32, Amdt 24F
5-Feb-15	SD	Rapid City	Rapid City Rgnl	4/1815	12/23/14	RNAV (GPS) RWY 23, Orig
5-Feb-15	SD	Rapid City	Rapid City Rgnl	4/1816	12/23/14	RNAV (GPS) RWY 5, Orig
5-Feb-15	SD	Rapid City	Rapid City Rgnl	4/1817	12/23/14	RNAV (GPS) RWY 32, Amdt 1B
5-Feb-15	GA	Atlanta	Hartsfield - Jackson Atlanta Intl	4/3067	12/29/14	RNAV (GPS) RWY 9L, Amdt 4
5-Feb-15	GA	Atlanta	Hartsfield - Jackson Atlanta Intl	4/3068	12/29/14	RNAV (GPS) PRM RWY 9L (SIMULTANEOUS CLOSE PARALLEL), Orig
5-Feb-15	NH	Berlin	Berlin Rgnl	4/4988	12/18/14	RNAV (GPS) RWY 18, Orig
5-Feb-15	NH	Berlin	Berlin Rgnl	4/4989	12/18/14	VOR B, Amdt 3
5-Feb-15	NH	Berlin	Berlin Rgnl	4/4990	12/18/14	VOR/DME RWY 18, Amdt 2
5-Feb-15	IA	Boone	Boone Muni	4/9745	12/29/14	RNAV (GPS) RWY 33, Amdt 1
5-Feb-15	VA	Richmond/ Ashland	Hanover County Muni	4/9757	12/22/14	RNAV (GPS) RWY 16, Orig-C
5-Feb-15	VA	Richmond/ Ashland	Hanover County Muni	4/9758	12/22/14	VOR RWY 16, Amdt 2C
5-Feb-15	VA	Richmond/ Ashland	Hanover County Muni	4/9759	12/22/14	LOC RWY 16, Amdt 3C
5-Feb-15	IA	Burlington	Southeast Iowa Rgnl	4/9838	12/29/14	VOR/DME RWY 12, Amdt 6A
5-Feb-15	IA	Des Moines	Des Moines Intl	4/9859	12/29/14	ILS OR LOC RWY 31, ILS RWY 31 (CAT II & III), Amdt 23A
5-Feb-15	IA	Pocahontas	Pocahontas Muni	4/9889	12/29/14	RNAV (GPS) RWY 12, Orig-B
5-Feb-15	IA	Pocahontas	Pocahontas Muni	4/9890	12/29/14	NDB RWY 12, Amdt 5B

AIRAC Date: 5 FEBRUARY 2015

FDC **4/0182** CKP IAP CHEROKEE COUNTY RGNL, CHEROKEE, IA. RNAV (GPS) Y RWY 36, ORIG-A... CHANGE APT ELEV FROM 1227 TO 1226. CIRCLING CAT A/B HAA 574. THIS IS RNAV (GPS) Y RWY 36 ORIG-B. 1412171439-PERM

FDC **4/0198** LEX IAP BLUE GRASS, LEXINGTON, KY. RNAV (GPS) RWY 27, ORIG... LPV DA 1359/HAT 385, VISIBILITY 1 1/4 ALL CATS. LNAV/VNAV DA 1388/HAT 414, VISIBILITY 1 3/8 ALL CATS. LNAV CATS C/D VISIBILITY 1 1/8. DELETE NOTE: STRAIGHT-IN MINIMUMS NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHANGE WHEN LOCAL ALTIMETER SETTING NOT RECEIVED NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FRANKFORT ALTIMETER SETTING AND INCREASE ALL DA 63 FEET AND ALL MDA 80 FEET; INCREASE LPV AND LNAV/VNAV ALL CATS AND LNAV CATS C AND D VISIBILITY 1/4 MILE. DISTANCE TO THLD FROM 385 HAT 1.07 NM. THIS IS RNAV (GPS) RWY 27 ORIG-A. 1412171517-PERM

FDC **4/0220** CRP IAP CORPUS CHRISTI INTL, CORPUS CHRISTI, TX. RNAV (RNP) Z RWY 36, AMDT 1... RNP 0.11 DA 290. RNP 0.30 DA 400. CHART TDZE 40. DELETE THRE 39. CHART APT ELEV 44. THIS IS RNAV (RNP) Z RWY 36, AMDT 1A. 1412171540-PERM

FDC **4/0226** CRP IAP CORPUS CHRISTI INTL, CORPUS CHRISTI, TX. RNAV (RNP) Z RWY 31, ORIG-C... RNP 0.20 DA* 325. RNP 0.30 DA 384. CHART TDZE 44. DELETE THRE 40. CHART APT ELEV 44. THIS IS RNAV (RNP) Z RWY 31 ORIG-D. 1412171540-PERM

FDC **4/0228** CRP IAP CORPUS CHRISTI INTL, CORPUS CHRISTI, TX. RNAV (RNP) Z RWY 13, ORIG-B... CHANGE THRE 43 TO TDZE 43. CHART APT ELEV 44. THIS IS RNAV (RNP) Z RWY 13 ORIG-C. 1412171540-PERM

FDC **4/0230** CRP IAP CORPUS CHRISTI INTL, CORPUS CHRISTI, TX. RNAV (GPS) Y RWY 13, AMDT 1B... CHANGE THRE 43 TO TDZE 43. CHART APT ELEV 44. CIRCLING CAT A/B/C HAA 616, CAT D HAA 696, CAT E HAA 776. THIS IS RNAV (GPS) Y RWY 13, AMDT 1C. 1412171540-PERM

FDC **4/0232** CRP IAP CORPUS CHRISTI INTL, CORPUS CHRISTI, TX. RNAV (GPS) RWY 18, AMDT 1... LPV DA 242. LNAV/VNAV DA 345. LNAV HAT 618 ALL CATS. CIRCLING CAT A/B HAA 616, CAT C/D/E HAA 776. CHART TDZE 42. DELETE THRE 40. CHART APT ELEV 44. THIS IS RNAV (GPS) RWY 18, AMDT 1A. 1412171540-PERM

FDC **4/0233** CRP IAP CORPUS CHRISTI INTL, CORPUS CHRISTI, TX. ILS OR LOC RWY 36, AMDT 13... S-ILS 36 DA 240. S-LOC 36 HAT 300 ALL CATS. CIRCLING CAT A HAA 456, CAT B HAA 536, CAT C/D/E HAA 776. CHART TDZE 40. DELETE THRE 39. CHART APT ELEV 44. THIS IS ILS OR LOC RWY 36, AMDT 13A. 1412171540-PERM

FDC **4/0234** CRP IAP CORPUS CHRISTI INTL, CORPUS CHRISTI, TX. RNAV (GPS) Y RWY 36, AMDT 2... LPV DA 240. LNAV/VNAV DA 356. LNAV HAT 400 ALL CATS. CIRCLING CAT A HAA 456, CAT B HAA 536, CAT C/D/E HAA 776. CHART TDZE 40. DELETE THRE 39. CHART APT ELEV 44. THIS IS RNAV (GPS) Y RWY 36, AMDT 2A. 1412171540-PERM

FDC **4/0239** CRP IAP CORPUS CHRISTI INTL, CORPUS CHRISTI, TX. VOR OR TACAN RWY 18, AMDT 28... CHART APT ELEV 44. CHART TDZE 42, DELETE THRE 40. S-18 HAT 658 ALL CATS; S-18 VISIBILITY CAT A/B 1, CAT C/D/E 1 7/8; CIRCLING CAT A/B HAA 656, CAT C/D/E HAA 776. WUNEV DME MINIMUMS: S-18 HAT 558 ALL CATS; S-18 VISIBILITY CAT A/B 1, CAT C/D/E 1 5/8; CIRCLING CAT A/B MDA 600/HAA 556, CAT C/D/E HAA 776. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY. DELETE NOTE: FOR INOP MALSR, INCREASE S-18 CAT E VISIBILITY TO 1 5/8 MILE; INCREASE WUNEV CAT E VISIBILITY TO 1 7/8 MILE. THIS IS VOR OR TACAN RWY 18, AMDT 28A. 1412171550-PERM

FDC **4/0240** CRP IAP CORPUS CHRISTI INTL, CORPUS CHRISTI, TX. ILS OR LOC RWY 13, AMDT 27B... CIRCLING CAT A HAA 456, CAT B/C HAA 536, CAT D HAA 696, CAT E HAA 776. CHANGE THRE 43 TO TDZE 43. CHART APT ELEV 44. THIS IS ILS OR LOC RWY 13, AMDT 27C. 1412171550-PERM

FDC **4/0242** CRP IAP CORPUS CHRISTI INTL, CORPUS CHRISTI, TX. RNAV (GPS) Y RWY 31, AMDT 3A... CHART TDZE 44. DELETE THRE 40. CHART APT ELEV 44. CIRCLING CAT A HAA 476, CAT B/C 536, CAT D 696, CAT E 776. THIS IS RNAV (GPS) Y RWY 31, AMDT 3B. 1412171554-PERM

FDC **4/0243** CRP IAP CORPUS CHRISTI INTL, CORPUS CHRISTI, TX. LOC RWY 31, AMDT 8A... S-31 HAT 316 ALL CATS. CHART TDZE 44. DELETE THRE 40. CHART APT ELEV 44. CIRCLING CAT A HAA 476, CAT B/C 536, CAT D 696, CAT E 776. THIS IS LOC RWY 31, AMDT 8B. 1412171554-PERM

FDC **4/0256** STJ IAP ROSECRANS MEMORIAL, ST JOSEPH, MO. RNAV (GPS) RWY 31, ORIG-A... CHANGE ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KANSAS CITY INTL ALTIMETER SETTING AND INCREASE ALL DA 97 FEET AND INCREASE LPV VISIBILITY 1/8 MILE AND LNAV/VNAV VISIBILITY 3/8 MILE ALL CATS; INCREASE ALL MDA 100 FEET AND LNAV CAT C AND D VISIBILITY 1/4 MILE, AND CIRCLING CAT C 1/2 MILE, CAT D 1/4 MILE. THIS IS RNAV (GPS) RWY 31 ORIG-B. 1412171559-PERM

FDC **4/0262** 4G4 ODP YOUNGSTOWN ELSER METRO, YOUNGSTOWN, OH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1... TAKEOFF MINIMUMS: RWY 28, 300 - 2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 463 FT PER NM TO 1300. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 1A. 1412171603-PERM

FDC **4/0270** RDK IAP RED OAK MUNI, RED OAK, IA. RNAV (GPS) RWY 5, AMDT 1... LPV DA 1293. LNAV/VNAV DA 1660. LNAV HAT 557 CATS A AND B. CHART TDZE 1043 DELETE THRE 1041. THIS IS RNAV (GPS) RWY 5, AMDT 1A. 1412171627-PERM

FDC **4/0274** SDA IAP SHENANDOAH MUNI, SHENANDOAH, IA. VOR/DME RWY 12, AMDT 4... S-12 HAT 656 CATS A AND B. CHART TDZE 964 DELETE THRE 952. THIS IS VOR/DME RWY 12, AMDT 4A. 1412171639-PERM

FDC **4/0283** SHL IAP SHELDON MUNI, SHELDON, IA. RNAV (GPS) RWY 33, AMDT 1... LPV DA 1718. LNAV/VNAV DA 1696. LNAV HAT 361 CATS A-C. CHART TDZE 1419 DELETE THRE 1413. THIS IS RNAV (GPS) RWY 33, AMDT 1A. 1412171725-PERM

FDC **4/0289** SPW IAP SPENCER MUNI, SPENCER, IA. NDB RWY 30, AMDT 9... CHANGE TDZE 1337 TO 1338. S-30 HAT 502 ALL CATS. THIS IS NDB RWY 30, AMDT 9A. 1412171735-PERM

FDC **4/0290** SPW IAP SPENCER MUNI, SPENCER, IA. RNAV (GPS) RWY 18, AMDT 1... CHART TDZE 1338 DELETE THRE 1335. LPV DA 1588. LNAV/VNAV DA 1608. LNAV HAT 442 ALL CATS. THIS IS RNAV (GPS) RWY 18, AMDT 1A. 1412171735-PERM

FDC **4/0292** SPW IAP SPENCER MUNI, SPENCER, IA. RNAV (GPS) RWY 30, AMDT 1... CHART TDZE 1338 DELETE THRE 1335. LPV DA 1588. LNAV/VNAV DA 1623. LNAV HAT 382 ALL CATS. THIS IS RNAV (GPS) RWY 30, AMDT 1A. 1412171735-PERM

FDC **4/0293** SPW IAP SPENCER MUNI, SPENCER, IA. RNAV (GPS) RWY 36, AMDT 1... CHART TDZE 1338 DELETE THRE 1337. LPV DA 1588. LNAV/VNAV DA 1588. LNAV HAT 322 ALL CATS. THIS IS RNAV (GPS) RWY 36, AMDT 1A. 1412171735-PERM

FDC **4/0336** SUX IAP SIOUX GATEWAY/COL. BUD DAY FIELD, SIOUX CITY, IA. ILS OR LOC RWY 13, AMDT 2A... S-ILS 13 DA 1295. S-LOC 13 HAT 485 ALL CATS. CHART TDZE 1095 DELETE THRE 1093. THIS IS ILS OR LOC RWY 13, AMDT 2B. 1412171908-PERM

FDC **4/0337** SUX IAP SIOUX GATEWAY/COL. BUD DAY FIELD, SIOUX CITY, IA. ILS OR LOC RWY 31, AMDT 25B... S-ILS 31 DA 1296. S-LOC 31 HAT 464 ALL CATS. CHART TDZE 1096 DELETE THRE 1093. THIS IS ILS OR LOC RWY 31, AMDT 25C. 1412171908-PERM

FDC **4/0338** SUX IAP SIOUX GATEWAY/COL. BUD DAY FIELD, SIOUX CITY, IA. NDB RWY 35, ORIG-E... S-35 HAT 1104 ALL CATS. MOWVY FIX MINIMUMS S-35 HAT 464 ALL CATS. CHART TDZE 1095 DELETE THRE 1095. THIS IS NDB RWY 35, ORIG-F. 1412171908-PERM

FDC **4/0341** SUX IAP SIOUX GATEWAY/COL BUD DAY FIELD, SIOUX CITY, IA. VOR OR TACAN RWY 31, AMDT 26C... S-31 HAT 464 ALL CATS. CHART TDZE 1096 DELETE THRE 1093. THIS IS VOR OR TACAN RWY 31, AMDT 26D. 1412171908-PERM

FDC **4/0342** SUX IAP SIOUX GATEWAY/COL. BUD DAY FIELD, SIOUX CITY, IA. RNAV (GPS) RWY 13, ORIG-B... LPV DA 1295. LNAV/VNAV DA 1582. LNAV HAT 525 ALL CATS. CHART TDZE 1095 DELETE THRE 1093. THIS IS RNAV (GPS) RWY 13, ORIG-C. 1412171908-PERM

FDC **4/0343** SUX IAP SIOUX GATEWAY/COL. BUD DAY FIELD, SIOUX CITY, IA. VOR/DME OR TACAN RWY 13, AMDT 18B... S-13 HAT 525 ALL CATS. CHART TDZE 1095 DELETE THRE 1093. THIS IS VOR/DME OR TACAN RWY 13, AMDT 18C. 1412171908-PERM

FDC **4/0345** SUX IAP SIOUX GATEWAY/COL BUD DAY FIELD, SIOUX CITY, IA. NDB RWY 31, AMDT 23D... S-31 HAT 544 ALL CATS. CHART TDZE 1096 DELETE THRE 1093. THIS IS NDB RWY 31, AMDT 23E. 1412171908-PERM

FDC **4/0346** SUX IAP SIOUX GATEWAY/COL BUD DAY FIELD, SIOUX CITY, IA. NDB RWY 13, AMDT 15F... S-13 HAT 565 ALL CATS. CHART TDZE 1095 DELETE THRE 1093. THIS IS NDB RWY 13, AMDT 15G. 1412171908-PERM

FDC **4/0424** SMX IAP SANTA MARIA PUB/CAPT G ALLAN HANCOCK FLD, SANTA MARIA, CA. RNAV (GPS) RWY 30, ORIG-B... CHART NOTE: NIGHT LANDING: RWY 2 NA.. THIS IS RNAV (GPS) RWY 30 ORIG-C. 1412172036-PERM

FDC **4/0431** GLD IAP RENNER FLD /GOODLAND MUNI/, GOODLAND, KS. RNAV (GPS) RWY 30, AMDT 1... LPV DA 3854. LNAV/VNAV DA 3904. LNAV HAT 366 ALL CATS. CIRCLING HAA CAT A 423, CAT B/C 463, CAT D 563. CHART TDZE 3654, DELETE THRE 3652. CHANGE APT ELEV 3656 TO APT ELEV 3657. THIS IS RNAV (GPS) RWY 30, AMDT 1A. 1412172042-PERM

FDC **4/0432** GLD IAP RENNER FLD /GOODLAND MUNI/, GOODLAND, KS. VOR/DME RWY 30, AMDT 8... S-30 HAT 366 ALL CATS. CIRCLING HAA CAT A 423, CAT B/C 463, CAT D 563. CHART TDZE 3654, DELETE THRE 3652. CHANGE APT ELEV 3656 TO APT ELEV 3657. THIS IS VOR/DME RWY 30, AMDT 8A. 1412172053-PERM

FDC **4/0438** GLD IAP RENNER FLD /GOODLAND MUNI/, GOODLAND, KS. ILS OR LOC RWY 30, AMDT 2... S-ILS 30 DA 3854. S-LOC 30 HAT 446 ALL CATS. CIRCLING HAA CAT A 443, CAT B/C 463, CAT D 563. CHART TDZE 3654, DELETE THRE 3652. CHANGE APT ELEV 3656 TO APT ELEV 3657. THIS IS ILS OR LOC RWY 30, AMDT 2A. 1412172053-PERM

FDC **4/0441** GLD IAP RENNER FLD /GOODLAND MUNI/, GOODLAND, KS. VOR RWY 30, AMDT 9... S-30 HAT 546 ALL CATS. CIRCLING HAA CATS A/B/C 543, CAT D 563. CHART TDZE 3654, DELETE THRE 3652. CHANGE APT ELEV 3656 TO APT ELEV 3657. THIS IS VOR RWY 30, AMDT 9A. 1412172053-PERM

FDC **4/0442** HLC IAP HILL CITY MUNI, HILL CITY, KS. RNAV (GPS) RWY 18, AMDT 1... CHART TDZE 2238, DELETE THRE 2238. THIS IS RNAV (GPS) RWY 18, AMDT 1A. 1412172124-PERM

FDC **4/0444** PTS IAP ATKINSON MUNI, PITTSBURG, KS. RNAV (GPS) RWY 16, AMDT 2A... CHANGE THRE 933 TO TDZE 933. THIS IS RNAV (GPS) RWY 16, AMDT 2B. 1412172129-PERM

FDC **4/0448** PTS IAP ATKINSON MUNI, PITTSBURG, KS. RNAV (GPS) RWY 4, AMDT 1B... CHANGE THRE 946 TO TDZE 946. THIS IS RNAV (GPS) RWY 4, AMDT 1C. 1412172129-PERM

FDC **4/0452** RPB IAP BELLEVILLE MUNI, BELLEVILLE, KS. RNAV (GPS) RWY 36, ORIG... CHANGE THRE 1538 TO TDZE 1538. THIS IS RNAV (GPS) RWY 36 ORIG-A. 1412172150-PERM

FDC **4/0491** PUB IAP PUEBLO MEMORIAL, PUEBLO, CO. VOR/DME RWY 26L, ORIG... CHANGE MISSED APPROACH TO READ: CLIMB TO 6100 THEN CLIMBING LEFT TURN TO 7500 DIRECT PUB VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7500. THIS IS VOR/DME RWY 26L ORIG-A. 1411252039-PERM

FDC **4/0736** NRN IAP NORTON MUNI, NORTON, KS. NDB RWY 16, AMDT 2... DELETE NOTE: PROCEDURE NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.. THIS IS NDB RWY 16, AMDT 2A. 1412181226-PERM

FDC **4/0737** NRN IAP NORTON MUNI, NORTON, KS. NDB RWY 34, AMDT 2... DELETE NOTE: PROCEDURE NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.. THIS IS NDB RWY 34, AMDT 2A. 1412181226-PERM

FDC **4/0738** NRN IAP NORTON MUNI, NORTON, KS. RNAV (GPS) RWY 16, AMDT 1... DELETE NOTE: PROCEDURE NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.. THIS IS RNAV (GPS) RWY 16, AMDT 1A. 1412181226-PERM

FDC **4/0739** NRN IAP NORTON MUNI, NORTON, KS. RNAV (GPS) RWY 34, AMDT 1... DELETE NOTE: PROCEDURE NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.. THIS IS RNAV (GPS) RWY 34, AMDT 1A. 1412181226-PERM

FDC **4/0749** MZZ IAP MARION MUNI, MARION, IN. RNAV (GPS) RWY 15, ORIG-A... LNAV MDA 1300/HAT 441 ALL CATS, VISIBILITY CAT C/D 1 3/8. CHANGE WHEN LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING IS NOT RECEIVED, USE FT. WAYNE INTL ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET, INCREASE LNAV CAT C/D VISIBILITY 1/4 MILE AND CIRCLING CAT C VISIBILITY 1/8 MILE. THIS IS RNAV (GPS) RWY 15 ORIG-B. 1412181248-PERM

FDC **4/1228** UKL IAP COFFEY COUNTY, BURLINGTON, KS. RNAV (GPS) RWY 36, ORIG... LPV DA 1423. LNAV/VNAV DA 1423. LNAV HAT 307 ALL CATS. CHART TDZE 1173, DELETE THRE 1170. THIS IS RNAV (GPS) RWY 36 ORIG-A. 1412191635-PERM

FDC **4/1250** UKL IAP COFFEY COUNTY, BURLINGTON, KS. RNAV (GPS) RWY 18, ORIG... LPV DA 1424. LNAV/VNAV DA 1424. LNAV HAT 366 ALL CATS. CHART TDZE 1174, DELETE THRE 1172. THIS IS RNAV (GPS) RWY 18 ORIG-A. 1412191749-PERM

FDC **4/1256** 16D IAP PERHAM MUNI, PERHAM, MN. RNAV (GPS) RWY 31, AMDT 1... LPV DA 1669 LNAV/VNAV DA 2158 LNAV HAT CATS A/B 706 CHART TDZE 1374 DELETE THRE 1371 THIS IS RNAV (GPS) RWY 31, AMDT 1A. 1412191848-PERM

FDC **4/1262** D42 IAP SPRINGFIELD MUNI, SPRINGFIELD, MN. RNAV (GPS) RWY 13, ORIG... LP HAT 427 ALL CATS. LNAV HAT 447 ALL CATS. CIRCLING CAT A/B HAA 587, CAT C HAA 747. CHANGE AIRPORT ELEV TO 1073. CHART TDZE 1073, DELETE THRE 1070. THIS IS RNAV (GPS) RWY 13 ORIG-A. 1412191922-PERM

FDC **4/1263** D42 IAP SPRINGFIELD MUNI, SPRINGFIELD, MN. RNAV (GPS) RWY 31, ORIG... LNAV HAT 427 ALL CATS. CIRCLING CAT A/B HAA 587, CAT C HAA 747. CHANGE AIRPORT ELEV TO 1073. CHART TDZE 1073, DELETE THRE 1067. THIS IS RNAV (GPS) RWY 31 ORIG-A. 1412191922-PERM

FDC **4/1264** D42 IAP SPRINGFIELD MUNI, SPRINGFIELD, MN. VOR/DME RWY 13, AMDT 3... S-13 HAT 547. CIRCLING CAT A/B HAA 587, CAT C HAA 747. CHANGE AIRPORT ELEV TO 1073. CHART TDZE 1073, DELETE THRE 1070. THIS IS VOR/DME RWY 13, AMDT 3A. 1412191922-PERM

FDC **4/1311** JKJ IAP MOORHEAD MUNI, MOORHEAD, MN. RNAV (GPS) RWY 30, AMDT 1... CHART TDZE 918 DELETE THRE 918. CHANGE UNCOMPENSATED BARO-VNAV NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). THIS IS RNAV (GPS) RWY 30, AMDT 1A. 1412192001-PERM

FDC **4/1352** ORB IAP ORR RGNL, ORR, MN. NDB RWY 13, AMDT 8A... S-13 HAT 687 ALL CATS CIRCLING CAT A/B/C HAA 687 CAT D HAA 807 CHANGE AP ELEV TO 1313. CHART TDZE 1313. THIS IS NDB RWY 13, AMDT 8B. 1412192021-PERM

FDC **4/1353** ORB IAP ORR RGNL, ORR, MN. RNAV (GPS) RWY 13, ORIG-A... LP HAT 407 ALL CATS LNAV HAT 447 ALL CATS CIRCLING HAA 607 ALL CATS CHANGE AP ELEV TO 1313. CHART TDZE 1313 DELETE THRE 1309. THIS IS RNAV (GPS) RWY 13, ORIG-B. 1412192021-PERM

FDC **4/1371** OTG IAP WORTHINGTON MUNI, WORTHINGTON, MN. VOR RWY 18, AMDT 10... S-18 HAT 506 ALL CATS. CHART TDZE 1574 DELETE THRE 1571. THIS IS VOR RWY 18, AMDT 10A. 1412192029-PERM

FDC **4/1373** OTG IAP WORTHINGTON MUNI, WORTHINGTON, MN. RNAV (GPS) RWY 29, ORIG... LPV DA 1770. LNAV/VNAV DA 1992. LNAV HAT 390 ALL CATS. CHART TDZE 1570 DELETE THRE 1566. THIS IS RNAV (GPS) RWY 29, ORIG-A. 1412192029-PERM

FDC **4/1375** OTG IAP WORTHINGTON MUNI, WORTHINGTON, MN. NDB RWY 29, AMDT 1... S-29 HAT 530 ALL CATS. CHART TDZE 1570 DELETE THRE 1566. THIS IS NDB RWY 29, AMDT 1A. 1412192029-PERM

FDC **4/1377** OTG IAP WORTHINGTON MUNI, WORTHINGTON, MN. RNAV (GPS) RWY 18, ORIG... LPV DA 1774. LNAV/VNAV DA 1824. LNAV HAT 346 ALL CATS. CHART TDZE 1574 DELETE THRE 1571. THIS IS RNAV (GPS) RWY 18, ORIG-A. 1412192029-PERM

FDC **4/1385** OTG IAP WORTHINGTON MUNI, WORTHINGTON, MN. ILS OR LOC RWY 29, AMDT 1... S-ILS 29 DA 1770. S-LOC 29 HAT 430 ALL CATS. CHART TDZE 1570 DELETE THRE 1566. THIS IS ILS OR LOC RWY 29, AMDT 1A. 1412192029-PERM

FDC **4/1402** PEX IAP PAYNESVILLE MUNI, PAYNESVILLE, MN. RNAV (GPS) RWY 29, AMDT 1... CHART TDZE 1183 DELETE THRE 1183. DELETE PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. THIS IS RNAV (GPS) RWY 29, AMDT 1A. 1412192104-PERM

FDC **4/1404** PEX IAP PAYNESVILLE MUNI, PAYNESVILLE, MN. RNAV (GPS) RWY 11, AMDT 1... CHART TDZE 1183 DELETE THRE 1183. DELETE PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. THIS IS RNAV (GPS) RWY 11, AMDT 1A. 1412192104-PERM

FDC **4/1405** PKD IAP PARK RAPIDS MUNI-KONSHOK FIELD, PARK RAPIDS, MN. NDB RWY 31, AMDT 2... S-31 HAT 516 ALL CATS #WOTIR FIX MINIMUMS: S-31 HAT 416 ALL CATS CHART TDZE 1444 DELETE THRE 1443. THIS IS NDB RWY 31, AMDT 2A. 1412192129-PERM

FDC **4/1406** PKD IAP PARK RAPIDS MUNI-KONSHOK FIELD, PARK RAPIDS, MN. RNAV (GPS) RWY 31, ORIG... LPV DA 1644 LNAV/VNAV DA 1731 LNAV HAT 356 ALL CATS CHART TDZE 1444 DELETE THRE 1443. THIS IS RNAV (GPS) RWY 31, ORIG-A. 1412192129-PERM

FDC **4/1411** PKD IAP PARK RAPIDS MUNI-KONSHOK FIELD, PARK RAPIDS, MN. ILS OR LOC RWY 31, AMDT 1B... S-ILS 31 DA 1644 S-LOC 31 HAT 356 ALL CATS CIRCLING HAA CATS A/B/C 475, CAT D 555 CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT CHANGE AP ELEV TO 1445 CHANGE TDZE TO 1444. THIS IS ILS OR LOC RWY 31, AMDT 1C. 1412192129-PERM

FDC **4/1412** PKD IAP PARK RAPIDS MUNI-KONSHOK FIELD, PARK RAPIDS, MN. VOR RWY 31, AMDT 14... S-31 HAT 536 ALL CATS WIRBO FIX MINIMUMS: S-31 HAT 376 ALL CATS CHART TDZE 1444 DELETE THRE 1443 THIS IS VOR RWY 31, AMDT 14A. 1412192129-PERM

FDC **4/1521** VNC IAP VENICE MUNI, VENICE, FL. RNAV (GPS) RWY 5, ORIG-B... DELETE NOTE: NIGHT LANDING: RWY 5 NA.. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 5 ORIG-C. 1412201325-PERM

FDC **4/1522** VNC IAP VENICE MUNI, VENICE, FL. RNAV (GPS) RWY 13, AMDT 1B... DELETE NOTE: NIGHT LANDING: RWY 13 NA.. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 13, AMDT 1C. 1412201325-PERM

FDC **4/1523** VNC IAP VENICE MUNI, VENICE, FL. RNAV (GPS) RWY 31, AMDT 1B... DELETE NOTE: NIGHT LANDING: RWY 31 NA. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 31, AMDT 1C. 1412201325-PERM

FDC **4/1529** MVL IAP MORRISVILLE-STOWE STATE, MORRISVILLE, VT. RNAV (GPS) Y RWY 19, AMDT 1... DELETE NOTE: PROCEDURE NA AT NIGHT. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. CHART NOTE:HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. THIS IS RNAV (GPS) Y RWY 19, AMDT 1A. 1412201422-PERM

FDC **4/1531** MVL IAP MORRISVILLE-STOWE STATE, MORRISVILLE, VT. RNAV (GPS) Z RWY 19, AMDT 1... DELETE NOTE: PROCEDURE NA AT NIGHT. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. CHART NOTE:HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. THIS IS RNAV (GPS) Z RWY 19, AMDT 1A. 1412201422-PERM

FDC **4/1550** PQN IAP PIPESTONE MUNI, PIPESTONE, MN. RNAV (GPS) RWY 18, AMDT 1... LPV DA 1987, VIS 1 ALL CATS LNAV/VNAV DA 2034, VIS 1 ALL CATS LNAV HAT 443 ALL CATS CHART TDZE 1737 DELETE THRE 1736 MSA RWY 18 25 NM 3900. THIS IS RNAV (GPS) RWY 18, AMDT 1A. 1412201556-PERM

FDC **4/1551** PQN IAP PIPESTONE MUNI, PIPESTONE, MN. RNAV (GPS) RWY 36, AMDT 1... LPV DA 1934, VISIBILITY 1 ALL CATS. LNAV/VNAV DA 1984, VISIBILITY 1 ALL CATS LNAV HAT 346 ALL CATS CHART TDZE 1734 DELETE THRE 1728. THIS IS RNAV (GPS) RWY 36, AMDT 1A. 1412201556-PERM

FDC **4/1554** ROS IAP RUSH CITY RGNL, RUSH CITY, MN. NDB RWY 34, ORIG... S-34 HAT 554 ALL CATS. CIRCLING HAA 554 ALL CATS. CHART TDZE 926 DELETE TDZE 920. CHANGE AIRPORT ELEV TO 926. THIS IS NDB RWY 34, ORIG-A. 1412201616-PERM

FDC **4/1556** ROS IAP RUSH CITY RGNL, RUSH CITY, MN. RNAV (GPS) RWY 34, ORIG... LPV DA 1190. LNAV/VNAV DA 1240. LNAV HAT 394 ALL CATS. CHART TDZE 926 DELETE TDZE 919. THIS IS RNAV (GPS) RWY 34, ORIG-A. 1412201616-PERM

FDC **4/1559** VVV IAP ORTONVILLE MUNI-MARTINSON FIELD, ORTONVILLE, MN. RNAV (GPS) RWY 34, ORIG... LP HAT 423 ALL CATS LNAV HAT 423 ALL CATS CHART TDZE 1097 DELETE THRE 1095. THIS IS RNAV (GPS) RWY 34, ORIG-A. 1412201628-PERM

FDC **4/1560** VVV IAP ORTONVILLE MUNI-MARTINSON FIELD, ORTONVILLE, MN. NDB RWY 34, AMDT 2... CIRCLING HAA 639 ALL CATS CHANGE AP ELEV TO 1101. THIS IS NDB RWY 34, AMDT 2A. 1412201628-PERM

FDC **4/1564** 2H2 IAP JERRY SUMNERS SR AURORA MUNI, AURORA, MO. RNAV (GPS) RWY 18, ORIG... CHANGE THRE 1434 TO TDZE 1434. THIS IS RNAV (GPS) RWY 18, ORIG-A. 1412201636-PERM

FDC **4/1565** FWB IAP BRANSON WEST MUNI-EMERSON FIELD, BRANSON WEST, MO. RNAV (GPS) RWY 21, AMDT 1... CHANGE THRE 1348 TO TDZE 1348. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 21, AMDT 1A.. 1412201643-PERM

FDC **4/1579** K15 IAP GRAND GLAIZE-OSAGE BEACH, OSAGE BEACH, MO. VOR RWY 32, AMDT 6A... S-32 HAT 545. ZOBGA FIX MINIMUMS (DME REQUIRED): S-32 HAT 405. CHART TDZE 875 DELETE THRE 858. THIS IS VOR RWY 32, AMDT 6B. 1412201736-PERM

FDC **4/1581** K15 IAP GRAND GLAIZE- OSAGE BEACH, OSAGE BEACH, MO. RNAV (GPS) RWY 32, AMDT 1... LP HAT 345 ALL CATS. LNAV HAT 365 ALL CATS. CHART TDZE 875 DELETE THRE 858. THIS IS RNAV (GPS) RWY 32, AMDT 1A. 1412201736-PERM

FDC **4/1582** LXT IAP LEE'S SUMMIT MUNI, LEE'S SUMMIT, MO. RNAV (GPS) RWY 11, AMDT 1... LPV DA 1254. LNAV/VNAV DA 1280. LNAV HAT 356 ALL CATS. CHART TDZE 1004 DELETE THRE 993. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 11, AMDT 1A. 1412201801-PERM

FDC **4/1583** LXT IAP LEE'S SUMMIT MUNI, LEE'S SUMMIT, MO. RNAV (GPS) RWY 36, AMDT 2... LPV DA 1248. LNAV/VNAV DA 1472. LNAV HAT 542 ALL CATS. CHART TDZE 998 DELETE THRE 992. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 36, AMDT 2A. 1412201801-PERM

FDC **4/1586** LXT IAP LEE'S SUMMIT MUNI, LEE'S SUMMIT, MO. RNAV (GPS) RWY 18, AMDT 2... LPV DA 1248. LNAV/VNAV DA 1362/HAT 364. LNAV HAT 422 ALL CATS. CHART TDZE 998 DELETE THRE 995. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHANGE WHEN LOCAL ALTIMETER SETTING NOT RECEIVED NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLES B. WHEELER DOWNTOWN ALTIMETER SETTING AND INCREASE ALL DA 68 FEET AND ALL MDA 80 FEET, INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE, LNAV CAT C VISIBILITY 1/8 MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE. THIS IS RNAV (GPS) RWY 18, AMDT 2A. 1412201801-PERM

FDC **4/1587** LXT IAP LEE'S SUMMIT MUNI, LEE'S SUMMIT, MO. RNAV (GPS) RWY 29, AMDT 2... LPV DA 1254. LNAV/VNAV DA 1285. LNAV HAT 356 ALL CATS. CHART TDZE 1004 DELETE THRE 1001. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 29, AMDT 2A. 1412201801-PERM

FDC **4/1595** SIK IAP SIKESTON MEMORIAL MUNI, SIKESTON, MO. RNAV (GPS) RWY 2, AMDT 1... LPV DA 629. LNAV/VNAV DA 769. LNAV HAT 405 ALL CATS. CHART TDZE 315 DELETE THRE 313. THIS IS RNAV (GPS) RWY 2, AMDT 1A. 1412201839-PERM

FDC **4/1596** SIK IAP SIKESTON MEMORIAL MUNI, SIKESTON, MO. RNAV (GPS) RWY 20, AMDT 2... LPV DA 565. LNAV/VNAV DA 761. LNAV HAT 405 ALL CATS. CHART TDZE 315 DELETE THRE 314. THIS IS RNAV (GPS) RWY 20, AMDT 2A. 1412201839-PERM

FDC **4/1597** SIK IAP SIKESTON MEMORIAL MUNI, SIKESTON, MO. VOR RWY 20, AMDT 4... S-20 HAT 505 ALL CATS. CHART TDZE 315 DELETE THRE 314. THIS IS VOR RWY 20, AMDT 4A. 1412201839-PERM

FDC **4/1598** SIK IAP SIKESTON MEMORIAL MUNI, SIKESTON, MO. VOR/DME RWY 2, AMDT 3... S-2 HAT 705 ALL CATS. CHART TDZE 315 DELETE THRE 313. THIS IS VOR/DME RWY 2, AMDT 3A. 1412201839-PERM

FDC **4/1610** TRX IAP TRENTON MUNI, TRENTON, MO. RNAV (GPS) RWY 18, ORIG... CHANGE THRE 757 TO TDZE 757. DELETE PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. THIS IS RNAV (GPS) RWY 18, ORIG-A. 1412201930-PERM

FDC **4/1611** TRX IAP TRENTON MUNI, TRENTON, MO. NDB RWY 18, AMDT 7B... CHANGE THRE 757 TO TDZE 757. THIS IS NDB RWY 18, AMDT 7C. 1412201930-PERM

FDC **4/1612** TRX IAP TRENTON MUNI, TRENTON, MO. RNAV (GPS) RWY 36, ORIG... LPV DA 1082. LNAV/VNAV DA 1195. LNAV HAT 563. DELETE PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART TDZE 757 DELETE THRE 755. THIS IS RNAV (GPS) RWY 36, ORIG-A. 1412201931-PERM

FDC **4/1613** TRX IAP TRENTON MUNI, TRENTON, MO. NDB RWY 36, AMDT 10... S-36 HAT 743 ALL CATS. CHART TDZE 757 DELETE THRE 755. THIS IS NDB RWY 36, AMDT 10A. 1412201931-PERM

FDC **4/1614** 2C8 IAP CAVALIER MUNI, CAVALIER, ND. RNAV (GPS) RWY 34, AMDT 1... LPV DA 1157. LNAV HAT 548 ALL CATS. CHART TDZE 892 DELETE THRE 891 THIS IS RNAV (GPS) RWY 34, AMDT 1A. 1412201941-PERM

FDC **4/1615** 7L2 IAP LINTON MUNI, LINTON, ND. RNAV (GPS) RWY 27, ORIG... CHANGE THRE 1779 TO TDZE 1779. THIS IS RNAV (GPS) RWY 27 ORIG-A. 1412201955-PERM

FDC **4/1616** DVL IAP DEVILS LAKE RGNL, DEVILS LAKE, ND. VOR RWY 13, AMDT 1A... CHART TDZE 1470 DELETE THRE 1470. THIS IS VOR RWY 13, AMDT 1B. 1412202002-PERM

FDC **4/1617** DVL IAP DEVILS LAKE RGNL, DEVILS LAKE, ND. RNAV (GPS) RWY 21, AMDT 1A... LPV DA 1699. LNAV/VNAV DA 1699. LNAV HAT 351. CHART TDZE 1449 DELETE THRE 1441. THIS IS RNAV (GPS) RWY 21, AMDT 1B. 1412202002-PERM

FDC **4/1618** DVL IAP DEVILS LAKE RGNL, DEVILS LAKE, ND. RNAV (GPS) RWY 31, AMDT 1A... LPV DA 1650. LNAV/VNAV DA 1721. LNAV HAT 370 ALL CATS. CHART TDZE 1450 DELETE THRE 1443. THIS IS RNAV (GPS) RWY 31, AMDT 1B. 1412202002-PERM

FDC **4/1622** DVL IAP DEVILS LAKE RGNL, DEVILS LAKE, ND. VOR RWY 31, AMDT 1A... S-31 HAT 570 ALL CATS. CHART TDZE 1450 DELETE THRE 1443. THIS IS VOR RWY 31, AMDT 1B. 1412202002-PERM

FDC **4/1624** DVL IAP DEVILS LAKE RGNL, DEVILS LAKE, ND. RNAV (GPS) RWY 13, AMDT 1A... CHART TDZE 1470 DELETE THRE 1470. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. THIS IS RNAV (GPS) RWY 13, AMDT 1B. 1412202002-PERM

FDC **4/1627** 0B4 IAP HARTINGTON MUNI/ BUD BECKER FLD, HARTINGTON, NE. RNAV (GPS) RWY 13, ORIG... LPV DA 1763. LNAV/VNAV DA 2084. LNAV HAT 617 ALL CATS. CHART TDZE 1383, DELETE THRE 1367. THIS IS RNAV (GPS) RWY 13 ORIG-A. 1412202039-PERM

FDC **4/1630** 0B4 IAP HARTINGTON MUNI/ BUD BECKER FLD, HARTINGTON, NE. RNAV (GPS) RWY 31, ORIG... LPV DA 1690. LNAV/VNAV DA 1769. LNAV HAT 597 ALL CATS. CHART TDZE 1383, DELETE THRE 1382. THIS IS RNAV (GPS) RWY 31 ORIG-A. 1412202039-PERM

FDC **4/1641** 0C4 IAP PENDER MUNI, PENDER, NE. RNAV (GPS) RWY 33, ORIG... LPV DA 1637. LNAV/VNAV DA 1928. LNAV CAT A/B HAT 517. CHART TDZE 1343 DELETE THRE 1332. THIS IS RNAV (GPS) RWY 33, ORIG-A. 1412202047-PERM

FDC **4/1642** 0G3 IAP TECUMSEH MUNI, TECUMSEH, NE. RNAV (GPS) RWY 15, ORIG... LPV DA 1619. LNAV/VNAV DA 1670. LNAV CAT A/B HAT 474. CHART TDZE 1306 DELETE THRE 1305. THIS IS RNAV (GPS) RWY 15, ORIG-A. 1412202053-PERM

FDC **4/1647** 0G3 IAP TECUMSEH MUNI, TECUMSEH, NE. RNAV (GPS) RWY 33, ORIG... LPV DA 1569. LNAV/VNAV DA 1619. LNAV CAT A/B HAT 374. CHART TDZE 1306 DELETE THRE 1301. THIS IS RNAV (GPS) RWY 33, ORIG-A. 1412202053-PERM

FDC **4/1648** 6K3 IAP CREIGHTON MUNI, CREIGHTON, NE. RNAV (GPS) RWY 13, ORIG... LPV DA 1976. LNAV/VNAV DA 2026. LNAV HAT 473 ALL CATS. CHART TDZE 1647, DELETE THRE 1642. THIS IS RNAV (GPS) RWY 13 ORIG-A. 1412202105-PERM

FDC **4/1651** 6K3 IAP CREIGHTON MUNI, CREIGHTON, NE. RNAV (GPS) RWY 31, ORIG... LPV DA 2026. LNAV/VNAV DA 2026. LNAV HAT 473 ALL CATS. CHART TDZE 1647, DELETE THRE 1644. THIS IS RNAV (GPS) RWY 31 ORIG-A. 1412202105-PERM

FDC **4/1653** 07K IAP CENTRAL CITY MUNI-LARRY REINEKE FIELD, CENTRAL CITY, NE. RNAV (GPS) RWY 34, ORIG... LPV DA 2010. LNAV/VNAV DA 2010. LNAV HAT 363 ALL CATS. CHART TDZE 1717 DELETE THRE 1716. THIS IS RNAV (GPS) RWY 34, ORIG-A. 1412202118-PERM

FDC **4/1654** 07K IAP CENTRAL CITY MUNI-LARRY REINEKE FIELD, CENTRAL CITY, NE. RNAV (GPS) RWY 16, ORIG... LPV DA 2010. LNAV/VNAV DA 2010. LNAV HAT 363 ALL CATS. CHART TDZE 1717 DELETE THRE 1715. THIS IS RNAV (GPS) RWY 16, ORIG-A. 1412202118-PERM

FDC **4/1655** 7V7 IAP RED CLOUD MUNI, RED CLOUD, NE. RNAV (GPS) RWY 34, ORIG... LPV DA 2047. LNAV/VNAV DA 2056. LNAV CAT A/B HAT 523. CHART TDZE 1737 DELETE THRE 1717. THIS IS RNAV (GPS) RWY 34, ORIG-A. 1412202125-PERM

FDC **4/1656** 08K IAP HARVARD STATE, HARVARD, NE. RNAV (GPS) RWY 17, ORIG... LPV DA 2102. LNAV/VNAV DA 2117. LNAV HAT 425 ALL CATS. CHART TDZE 1815, DELETE THRE 1814. THIS IS RNAV (GPS) RWY 17 ORIG-A. 1412202135-PERM

FDC **4/1657** 08K IAP HARVARD STATE, HARVARD, NE. RNAV (GPS) RWY 35, AMDT 1... LPV DA 2051. LNAV/VNAV DA 2101. LNAV HAT 506 ALL CATS. CHART TDZE 1814, DELETE THRE 1806. THIS IS RNAV (GPS) RWY 35, AMDT 1A. 1412202135-PERM

FDC **4/1658** 8V2 IAP STUART-ATKINSON MUNI, ATKINSON, NE. VOR/DME RWY 29, AMDT 1... S-29 HAT 510 ALL CATS. CHART TDZE 2130 DELETE THRE 2126. THIS IS VOR/DME RWY 29, AMDT 1A. 1412202143-PERM

FDC **4/1659** 8V2 IAP STUART-ATKINSON MUNI, ATKINSON, NE. RNAV (GPS) RWY 29, ORIG... LPV DA 2432. LNAV/VNAV DA 2457. LNAV HAT 430 ALL CATS. CHART TDZE 2130 DELETE THRE 2126. CHANGE ALTIMETER SETTING NOTE TO READ: USE O'NEILL ALTIMETER SETTING; WHEN NOT RECEIVED, USE AINSWORTH ALTIMETER SETTING AND INCREASE ALL DA 110 FEET AND ALL MDA 120 FEET. INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 3/8 MILE. THIS IS RNAV (GPS) RWY 29, ORIG-A. 1412202142-PERM

FDC **4/1660** 12K IAP SUPERIOR MUNI, SUPERIOR, NE. RNAV (GPS) RWY 32, ORIG... LPV DA 2014. LNAV/VNAV DA 2054. LNAV CAT A/B/C HAT 420. CHART TDZE 1680 DELETE THRE 1639. THIS IS RNAV (GPS) RWY 32, ORIG-A. 1412202153-PERM

FDC **4/1661** BFF IAP WESTERN NEB. RGNL/WILLIAM B. HEILIG FIELD, SCOTTSBLUFF, NE. ILS OR LOC RWY 30, AMDT 10... S-ILS 30 DA 4152. S-LOC 30 HAT 348 ALL CATS. CHART TDZE 3952 DELETE THRE 3944. THIS IS ILS OR LOC RWY 30, AMDT 10A. 1412202158-PERM

FDC **4/1662** BFF IAP WESTERN NEB. RGNL/WILLIAM B. HEILIG FIELD, SCOTTSBLUFF, NE. RNAV (GPS) RWY 5, AMDT 1... LPV DA 4202. LNAV/VNAV DA 4418. LNAV HAT 528 ALL CATS. CHART TDZE 3952 DELETE THRE 3949. THIS IS RNAV (GPS) RWY 5, AMDT 1A. 1412202158-PERM

FDC **4/1663** BFF IAP WESTERN NEB. RGNL/WILLIAM B. HEILIG FIELD, SCOTTSBLUFF, NE. RNAV (GPS) RWY 30, AMDT 1... LPV DA 4202. LNAV/VNAV DA 4301. LNAV HAT 428 ALL CATS. CHART TDZE 3952. THIS IS RNAV (GPS) RWY 30, AMDT 1A. 1412202200-PERM

FDC **4/1691** BIE IAP BEATRICE MUNI, BEATRICE, NE. VOR RWY 36, AMDT 9... S-36 HAT 673 ALL CATS. OVCIP FIX MINIMUMS: S-36 HAT 433 ALL CATS. CHART TDZE 1307 DELETE THRE 1305. THIS IS VOR RWY 36, AMDT 9A. 1412211433-PERM

FDC **4/1692** BUB IAP CRAM FIELD, BURWELL, NE. RNAV (GPS) RWY 15, ORIG... LPV DA 2480. LNAV/VNAV DA 2478. LNAV HAT 498 ALL CATS. CHART TDZE 2182 DELETE THRE 2172. THIS IS RNAV (GPS) RWY 15, ORIG-A. 1412211435-PERM

FDC **4/1693** BUB IAP CRAM FIELD, BURWELL, NE. NDB RWY 15, AMDT 1... S-15 HAT 878 ALL CATS. CHART TDZE 2182 DELETE THRE 2172. THIS IS NDB RWY 15, AMDT 1A. 1412211435-PERM

FDC **4/1697** CDR IAP CHADRON MUNI, CHADRON, NE. RNAV (GPS) RWY 29, ORIG... LPV DA 3540. LNAV/VNAV DA 3767. LNAV HAT 490 ALL CATS. CHART TDZE 3290, DELETE THRE 3284. THIS IS RNAV (GPS) RWY 29 ORIG-A. 1412211527-PERM

FDC **4/1698** CDR IAP CHADRON MUNI, CHADRON, NE. NDB RWY 20, AMDT 12A... S-20 HAT 734 ALL CATS. CHART TDZE 3286. DELETE THRE 3269. THIS IS NDB RWY 20, AMDT 12B. 1412211527-PERM

FDC **4/1702** CDR IAP CHADRON MUNI, CHADRON, NE. RNAV (GPS) RWY 20, AMDT 2... LPV DA 3536. LNAV/VNAV DA 3684. LNAV HAT 354 ALL CATS. CHART TDZE 3286. DELETE THRE 3269. THIS IS RNAV (GPS) RWY 20, AMDT 2A. 1412211527-PERM

FDC **4/1704** EAR IAP KEARNEY RGNL, KEARNEY, NE. RNAV (GPS) RWY 13, ORIG... LPV DA 2330. LNAV/VNAV DA 2380. LNAV HAT 590 ALL CATS. CHART TDZE 2130 DELETE THRE 2129. THIS IS RNAV (GPS) RWY 13, ORIG-A. 1412211549-PERM

FDC **4/1705** EAR IAP KEARNEY RGNL, KEARNEY, NE. VOR RWY 13, AMDT 2A... S-13 HAT 590 ALL CATS. SAYOL FIX MINIMUMS: S-13 HAT 390 ALL CATS. CHART TDZE 2130. DELETE THRE 2129. THIS IS VOR RWY 13, AMDT 2B. 1412211549-PERM

FDC **4/1707** FET IAP FREMONT MUNI, FREMONT, NE. VOR/DME RWY 14, AMDT 3... S-14 HAT 616 ALL CATS. CHART TDZE 1204. DELETE THRE 1203. THIS IS VOR/DME RWY 14, AMDT 3A. 1412211609-PERM

FDC **4/1708** FET IAP FREMONT MUNI, FREMONT, NE. RNAV (GPS) RWY 14, AMDT 2... LPV DA 1454. LNAV/VNAV DA 1496. LNAV HAT 396 ALL CATS. CHART TDZE 1204. DELETE THRE 1203. THIS IS RNAV (GPS) RWY 14, AMDT 2A. 1412211609-PERM

FDC **4/1709** FET IAP FREMONT MUNI, FREMONT, NE. RNAV (GPS) RWY 32, ORIG... LPV DA 1456. LNAV/VNAV DA 1712. LNAV HAT 476 ALL CATS. CHART TDZE 1204. DELETE THRE 1203. THIS IS RNAV (GPS) RWY 32 ORIG-A. 1412211609-PERM

FDC **4/1712** GGF IAP GRANT MUNI, GRANT, NE. VOR/DME RWY 15, AMDT 2... S-15 HAT 517 ALL CATS. CHART TDZE 3423. DELETE THRE 3422. THIS IS VOR/DME RWY 15, AMDT 2A. 1412211621-PERM

FDC **4/1713** HSI IAP HASTINGS MUNI, HASTINGS, NE. RNAV (GPS) RWY 4, ORIG... LPV DA 2194. LNAV/VNAV DA 2267. LNAV HAT 436 ALL CATS. CHART TDZE 1944. DELETE THRE 1939. THIS IS RNAV (GPS) RWY 4 ORIG-A. 1412211634-PERM

FDC **4/1714** HSI IAP HASTINGS MUNI, HASTINGS, NE. VOR RWY 4, AMDT 6... S-4 HAT 596 ALL CATS. CHART TDZE 1944. DELETE THRE 1939. THIS IS VOR RWY 4, AMDT 6A. 1412211634-PERM

FDC **4/1715** HSI IAP HASTINGS MUNI, HASTINGS, NE. RNAV (GPS) RWY 32, ORIG... LPV DA 2194. LNAV/VNAV DA 2194. LNAV HAT 436 ALL CATS. CHART TDZE 1944. DELETE THRE 1940. THIS IS RNAV (GPS) RWY 32 ORIG-A. 1412211634-PERM

FDC **4/1716** HSI IAP HASTINGS MUNI, HASTINGS, NE. VOR RWY 32, AMDT 14... S-32 HAT 596 ALL CATS. CHART TDZE 1944. DELETE THRE 1940. THIS IS VOR RWY 32, AMDT 14A. 1412211634-PERM

FDC **4/1717** IBM IAP KIMBALL MUNI/ROBERT E ARRAJ FIELD, KIMBALL, NE. RNAV (GPS) RWY 28, AMDT 1... LPV DA 5158. LNAV/VNAV DA 5158. LNAV HAT 292 ALL CATS. CHART TDZE 4908. DELETE THRE 4900. THIS IS RNAV (GPS) RWY 28, AMDT 1A. 1412211646-PERM

FDC **4/1720** LBF IAP NORTH PLATTE RGNL AIRPORT LEE BIRD FIELD, NORTH PLATTE, NE. RNAV (GPS) RWY 30, AMDT 2... LPV DA 2971. LNAV/VNAV DA 3021. LNAV HAT 349 ALL CATS. CHART TDZE 2771 DELETE THRE 2769. THIS IS RNAV (GPS) RWY 30, AMDT 2A. 1412211720-PERM

FDC **4/1721** LBF IAP NORTH PLATTE RGNL AIRPORT LEE BIRD FIELD, NORTH PLATTE, NE. ILS OR LOC RWY 30, AMDT 7... S-ILS 30 DA 2971. S-LOC 30 HAT 429 ALL CATS. CHART TDZE 2771 DELETE THRE 2769. THIS IS ILS OR LOC RWY 30, AMDT 7A. 1412211720-PERM

FDC **4/1723** LBF IAP NORTH PLATTE RGNL AIRPORT LEE BIRD FIELD, NORTH PLATTE, NE. RNAV (GPS) RWY 35, AMDT 1... LP HAT 364 ALL CATS. LNAV HAT 384 ALL CATS. CHART TDZE 2776 DELETE THRE 2773. THIS IS RNAV (GPS) RWY 35, AMDT 1A. 1412211720-PERM

FDC **4/1724** LBF IAP NORTH PLATTE RGNL AIRPORT LEE BIRD FIELD, NORTH PLATTE, NE. RNAV (GPS) RWY 12, AMDT 1... CHART TDZE 2777 DELETE THRE 2777. THIS IS RNAV (GPS) RWY 12, AMDT 1A. 1412211721-PERM

FDC **4/1725** LCG IAP WAYNE MUNI/ STAN MORRIS FLD, WAYNE, NE. RNAV (GPS) RWY 23, AMDT 1... LPV DA 1866. LNAV/VNAV DA 1869. LNAV CAT A/B HAT 510. CHART TDZE 1430 DELETE THRE 1426. THIS IS RNAV (GPS) RWY 23, AMDT 1A. 1412211731-PERM

FDC **4/1728** OGA IAP SEARLE FIELD, OGALLALA, NE. VOR RWY 26, AMDT 6... S-26 HAT 786 ALL CATS. CHART TDZE 3254 DELETE THRE 3245. THIS IS VOR RWY 26, AMDT 6A. 1412211840-PERM

FDC **4/1729** OGA IAP SEARLE FIELD, OGALLALA, NE. RNAV (GPS) RWY 26, AMDT 2... LPV DA 3504. LNAV/VNAV DA 3540. LNAV HAT 366 ALL CATS. CHART TDZE 3254 DELETE THRE 3245. THIS IS RNAV (GPS) RWY 26, AMDT 2A. 1412211840-PERM

FDC **4/1730** OGA IAP SEARLE FIELD, OGALLALA, NE. RNAV (GPS) RWY 31, ORIG... LPV DA 3522. LNAV/VNAV DA 3522. LNAV HAT 468 ALL CATS. CHART TDZE 3272 DELETE THRE 3245. THIS IS RNAV (GPS) RWY 31, ORIG-A. 1412211840-PERM

FDC **4/1731** OGA IAP SEARLE FIELD, OGALLALA, NE. VOR/DME RWY 26, AMDT 1... S-26 HAT 566 ALL CATS. CHART TDZE 3254 DELETE THRE 3245. THIS IS VOR/DME RWY 26, AMDT 1A. 1412211840-PERM

FDC **4/1794** FSD IAP JOE FOSS FIELD, SIOUX FALLS, SD. RNAV (GPS) RWY 33, AMDT 1... LPV DA 1725. LNAV/VNAV DA 1979. LNAV HAT 496. CHART TDZE 1424. DELETE THRE 1422. THIS IS RNAV (GPS) RWY 33, AMDT 1A. 1412212212-PERM

FDC **4/1795** FSD IAP JOE FOSS FIELD, SIOUX FALLS, SD. VOR/DME OR TACAN RWY 33, AMDT 12C... S-33 HAT 516. CHART TDZE 1424. DELETE THRE 1422. THIS IS VOR/DME OR TACAN RWY 33, AMDT 12D. 1412212212-PERM

FDC **4/1796** FSD IAP JOE FOSS FIELD, SIOUX FALLS, SD. RNAV (GPS) RWY 3, AMDT 1A... CHANGE THRE 1424 TO TDZE 1424. THIS IS RNAV (GPS) RWY 3, AMDT 1B. 1412212217-PERM

FDC **4/1797** FSD IAP JOE FOSS FIELD, SIOUX FALLS, SD. RNAV (GPS) RWY 15, AMDT 1... CHANGE THRE 1429 TO TDZE 1429. THIS IS RNAV (GPS) RWY 15, AMDT 1A. 1412212217-PERM

FDC **4/1798** FSD IAP JOE FOSS FIELD, SIOUX FALLS, SD. VOR OR TACAN RWY 15, AMDT 21C... CHANGE THRE 1429 TO TDZE 1429. THIS IS VOR OR TACAN RWY 15, AMDT 21D. 1412212217-PERM

FDC **4/1799** FSD IAP JOE FOSS FIELD, SIOUX FALLS, SD. ILS OR LOC RWY 3, AMDT 27E... CHANGE THRE 1424 TO TDZE 1424. THIS IS ILS OR LOC RWY 3, AMDT 27F. 1412212217-PERM

FDC **4/1801** HSR IAP HOT SPRINGS MUNI, HOT SPRINGS, SD. RNAV (GPS) RWY 19, ORIG... LP HAT 694. LNAV HAT 754. CHART TDZE 3146. DELETE THRE 3142. THIS IS RNAV (GPS) RWY 19, ORIG-A. 1412212331-PERM

FDC **4/1805** LEM IAP LEMMON MUNI, LEMMON, SD. RNAV (GPS) RWY 29, ORIG... LPV DA 2823. LNAV/VNAV DA 2831. LNAV HAT 487. CHART TDZE 2573. DELETE THRE 2570. THIS IS RNAV (GPS) RWY 29, ORIG-A. 1412212334-PERM

FDC **4/1806** MDS IAP MADISON MUNI, MADISON, SD. RNAV (GPS) RWY 33, ORIG... LPV DA 1963. LNAV/VNAV DA 2013. LNAV HAT 407. CHART TDZE 1713. DELETE THRE 1710. THIS IS RNAV (GPS) RWY 33, ORIG-A. 1412212356-PERM

FDC **4/1808** MDS IAP MADISON MUNI, MADISON, SD. RNAV (GPS) RWY 15, ORIG... CHANGE THRE 1718 TO TDZE 1718. THIS IS RNAV (GPS) RWY 15, ORIG-A. 1412212356-PERM

FDC **4/1810** MKA IAP MILLER MUNI, MILLER, SD. RNAV (GPS) RWY 15, AMDT 1... LPV DA 1883. LNAV/VNAV DA 1964. LNAV HAT 531. CHART TDZE 1569. DELETE THRE 1560. THIS IS RNAV (GPS) RWY 15, AMDT 1A. 1412220001-PERM

FDC **4/1813** PHP IAP PHILIP, PHILIP, SD. RNAV (GPS) RWY 30, ORIG... LPV DA 2456. LNAV/VNAV DA 2794. LNAV HAT 414. CHART TDZE 2206. DELETE THRE 2194. THIS IS RNAV (GPS) RWY 30, ORIG-A. 1412220007-PERM

FDC **4/1814** RAP IAP RAPID CITY RGNL, RAPID CITY, SD. VOR OR TACAN RWY 32, AMDT 24F... S-32 HAT 280. CHART TDZE 3160. DELETE THRE 3143. THIS IS VOR OR TACAN RWY 32, AMDT 24G. 1412220021-PERM

FDC **4/1815** RAP IAP RAPID CITY RGNL, RAPID CITY, SD. RNAV (GPS) RWY 23, ORIG... CHANGE THRE 3204 TO TDZE 3204. THIS IS RNAV (GPS) RWY 23, ORIG-A. 1412220021-PERM

FDC **4/1816** RAP IAP RAPID CITY RGNL, RAPID CITY, SD. RNAV (GPS) RWY 5, ORIG... LPV DA 3449. LNAV/VNAV DA 3449. LNAV HAT 301. CHART TDZE 3199. DELETE THRE 3173. THIS IS RNAV (GPS) RWY 5, ORIG-A. 1412220021-PERM

FDC **4/1817** RAP IAP RAPID CITY RGNL, RAPID CITY, SD. RNAV (GPS) RWY 32, AMDT 1B... CHANGE THRE 3142 TO READ TDZE 3160. THIS IS RNAV (GPS) RWY 32, AMDT 1C. 1412220021-PERM

FDC **4/3067** ATL IAP HARTSFIELD - JACKSON ATLANTA INTL, ATLANTA, GA. RNAV (GPS) RWY 9L, AMDT 4 ... DELETE NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS. THIS IS RNAV (GPS) RWY 9L, AMDT 4A 1411131222-PERM

FDC **4/3068** ATL IAP HARTSFIELD - JACKSON ATLANTA INTL, ATLANTA, GA. RNAV (GPS) PRM RWY 9L (SIMULTANEOUS CLOSE PARALLEL), ORIG... DELETE NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS. THIS IS RNAV (GPS) PRM RWY 9L (SIMULTANEOUS CLOSE PARALLEL) ORIG-A. 1411131222-PERM

FDC **4/4988** BML IAP BERLIN RGNL, BERLIN, NH. RNAV (GPS) RWY 18, ORIG... CIRCLING CATS B/C MDA 2280/HAA 1119. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 18 ORIG-A. 1412081415-PERM

FDC **4/4989** BML IAP BERLIN RGNL, BERLIN, NH. VOR-B, AMDT 3... DELETE NOTE: CIRCLING TO RWY 36 NA AT NIGHT. DELETE NOTE: WHEN VGSI INOPERATIVE, CIRCLING RWY 18 NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS VOR-B, AMDT 3A. 1412081415-PERM

FDC **4/4990** BML IAP BERLIN RGNL, BERLIN, NH. VOR/DME RWY 18, AMDT 2... DELETE NOTE: CIRCLING TO RWY 36 NA AT NIGHT. DELETE NOTE: WHEN VGSI INOPERATIVE, CIRCLING RWY 18 NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS VOR/DME RWY 18, AMDT 2A. 1412081415-PERM

FDC **4/9745** BNW IAP BOONE MUNI, BOONE, IA. RNAV (GPS) RWY 33, AMDT 1... CHANGE THRE 1139 TO TDZE 1139. THIS IS RNAV (GPS) RWY 33, AMDT 1A. 1412161710-PERM

FDC **4/9757** OFP IAP HANOVER COUNTY MUNI, RICHMOND/ASHLAND, VA. RNAV (GPS) RWY 16, ORIG-C... DELETE NOTES: NIGHT LANDING RWY 34 NA. RWY 16, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD. CHANGE HELICOPTER RESTRICTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 16 ORIG-D. 1412161747-PERM

FDC **4/9758** OFP IAP HANOVER COUNTY MUNI, RICHMOND/ASHLAND, VA. VOR RWY 16, AMDT 2C... DELETE NOTE: NIGHT LANDING RWY 34 NA. CHANGE HELICOPTER RESTRICTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. THIS IS VOR RWY 16, AMDT 2D. 1412161747-PERM

FDC **4/9759** OFP IAP HANOVER COUNTY MUNI, RICHMOND/ASHLAND, VA. LOC RWY 16, AMDT 3C... DELETE NOTES: NIGHT LANDING RWY 34 NA. RWY 16, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD. CHANGE HELICOPTER RESTRICTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS LOC RWY 16, AMDT 3D. 1412161747-PERM

FDC **4/9838** BRL IAP SOUTHEAST IOWA RGNL, BURLINGTON, IA. VOR/DME RWY 12, AMDT 6A... CHANGE TDZE 692 TO 693. S-12 HAT 587 ALL CATS. THIS IS VOR/DME RWY 12, AMDT 6B. 1412161929-PERM

FDC **4/9859** DSM IAP DES MOINES INTL, DES MOINES, IA. ILS OR LOC RWY 31, AMDT 23A... ILS RWY 31 (CAT II AND III), AMDT 23A... CHANGE THRE 958 TO TDZE 958. THIS IS ILS OR LOC RWY 31, AMDT 23B; ILS RWY 31 (CAT II AND III), AMDT 23B. 1412162006-PERM

FDC **4/9889** POH IAP POCAHONTAS MUNI, POCAHONTAS, IA. RNAV (GPS) RWY 12, ORIG-B... CHANGE THRE 1226 TO TDZE 1226. THIS IS RNAV (GPS) RWY 12 ORIG-C. 1412162047-PERM

FDC **4/9890** POH IAP POCAHONTAS MUNI, POCAHONTAS, IA. NDB RWY 12, AMDT 5B... CHANGE THRE 1226 TO TDZE 1226. THIS IS NDB RWY 12, AMDT 5C. 1412162047-PERM