U.S. DEPARTMENT OF TRANSPORTATION --
FEDERAL AVIATION ADMINISTRATION -- FLIGHT STANDARDS SERVICE
RNAV SPECIAL INSTRUMENT APPROACH PROCEDURE -- FLIGHT STANDARDS SERVICE

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.

If an instrument approach procedure of the above type is conducted at the below named airport, it shall be conducted in accordance with a charted instrument approach procedure predicted on the specifications contained herein, unless an approach is conducted in accordance with a different procedure for such airport authorized by the Administrator. Minimum altitudes shall correspond with those established for en route operation in the particular area or as set forth below.

SPECIFICATION - NOT FOR COCKPIT USE

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
KIZER (IAF)	POBNE (FB)	079.46 / 8.40	2800
GUANO (IAF)	POBNE (FB)	137.60 / 12.21	2800
POBNE (IF)	GAMGY (FB)	056.67 / 6.17	1700
GAMGY (FAF)	PIXEE/3.00 NM TO RW05 (FB)	056.71 / 2.03	
(SEE FORM 8260-10)			

MISSED APPROACH

MAP:
LNAV: RW05

CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 2000 DIRECT SMYRA AND HOLD.

1. PT ___ SIDE OF COURSE ___ OUTBOUND ___ FT WITHIN ___ MILES OF ___ (IAF)
2. PROFILE STARTS AT POBNE
3. FAC: 056.71 FAF: GAMGY DIST FAF TO MAP: 5.03 THLD: 5.03
4. MIN. ALT: POBNE 2800, GAMGY 1700, PIXEE/3.00 NM TO RW05 1040
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: RW05 2800

ADDITIONAL FLIGHT DATA:

HOLD S, LT, 340.53 INBOUND.
CHART FAS OBST: 129 POWER POLE 290317N/0810505W
CHART: 154 TREE 290249N/0810604W
CHART: 144 TREE 290326N/0810547W
GAMGY TO RW05: 3.04/52.

MAG VAR: 5W EPOCH YEAR: 2000

MINIMUMS

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

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	440	1	418	440	1	418	440	1 1/8	418		NA				
CIRCLING	460	1	436	620	1	596	620	1 1/2	596		NA				

NOTES:
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: USE DAYTONA BEACH ALTIMETER SETTING; WHEN NOT RECEIVED, USE ORMOND BEACH ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET; INCREASE LNAV CAT C VISIBILITY 1/8 MILE AND CIRCLING CAT C
(SEE 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 24 THRE: 22	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DAYTONA BEACH, FL	AIRPORT NAME: SPRUCE CREEK	RNAV	RNAV (GPS) RWY 5, AMDT 1	AMDT: ORIG
				DATED: 10/22/2009

NOTES CONTINUED:

AIR CARRIER NOTES:

The procedure on the other side and the foregoing data are hereby:

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: **KELLY DEAN**	FIFO **AJV-352**	DATE: **07/13/2011**
RECOMMENDED BY		
NAME: **DARRYEL ADAMS** **MANAGER**	FIFO **AJV-352**	DATE:
APPROVED BY		
NAME:	REGION, FLT STANDARDS	DATE:

OPERATIONS SPECIFICATIONS -- AIRPORT

_____ holding Air Carrier Operating Certificate No. _____ hereby acknowledges receipt of Operations Specifications to operate into and out of the airport named on the other side as a ☐ Regular, ☐ Refueling, ☐ Alternate, ☐ Provisional for _____ airport with the following type aircraft:

Unless otherwise authorized in the Operations Specifications - Airport, an instrument approach of this type shall be conducted in accordance with the procedure specified on the other side and the air carrier minimums specified above with the following exceptions:

DATE: _____ RECEIVED FOR THE AIR CARRIER BY: _____ TITLE: _____

SIGNATURE

AMENDMENT NO. _____

BY DIRECTION OF THE ADMINISTRATOR _____ _____

SIGNATURE TITLE

EFFECTIVE DATE: _____

QUALITY CHECKED

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PIXEE/3.00 NM TO RW05	RW05 (MAP) (FO)	056.73 / 3.00	
RW05 (MAP)	1200 MSL	056.73	1200
1200 MSL	SMYRA (FO)		2000

NOTES, (CONT.):
VISIBILITY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KIZER ON V152 - 437 SOUTHWEST BOUND AND ON V437 NORTHWEST BOUND.
CHART NOTE: USE OF SPRUCE CREEK AIRPORT REQUIRES PERMISSION OF THE OWNER; USE OF THIS PROCEDURE REQUIRES SPECIFIC AUTHORIZATION BY FAA FLIGHT STANDARDS.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 24 THRE: 22	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: .
DAYTONA BEACH, FL	AIRPORT NAME: SPRUCE CREEK	RNAV	RNAV (GPS) RWY 5, AMDT 1	AMDT: ORIG
				DATED: 10/22/2009

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

1. DELETED COURSE REVERSAL AT IF (POBNE).
2. CHANGED MISSED APPROACH C/L FROM POBNE TO SMYRA.
3. RAISED PIXEE STEPDOWN ALTITUDE FROM 520 TO 1040.
4. CHARTED 34:1 IS NOT CLEAR.
5. UPDATED BACKUP ALTIMETER SETTING NOTE TO REFLECT LNAV CAT C VISBILITY REDUCTION.
6. LOWERED LNAV CAT C VISIBILITY FROM 1 1/4 TO 1 1/8.
7. CHANGED HAT TO REFLECT THRE VS TDZE.
8. LOWERED CIRCLING CAT A MDA FROM 520 TO 460.
9. CHARTED PROCEDURE NA AT NIGHT
10. ADDED VISIBILITY REDUCTION BY HELICOPTERS NA NOTE.
11. ADDED PROCEDURE NA NOTE FOR ARRIVALS AT KIZER.

REASONS:

1-2. USER REQUEST.
3. PLACE STEPDOWN ALTITUDE ON OPTIMUM GLIDEPATH.
4. 34:1 PENETRATIONS EXIST.
5. REFLECT ADJUSTMENT OT LNAV CAT C VISIBILITY.
6-7. TERPS CHANGE 20.
8. NEW CONTROLLING OBSTRUCTION.
9-10 VISUAL PENETRATIONS EXIST.
11. TURNS EXCEED 90 DEGREES.

06/13/2012 THIS IS A CORRECTED COPY OF THE FORM DATE 29 MAY 2012
CORRECTED CHANGES LINE 8: CAT C CHANGED TO CAT A.
CORRECTED HELICOPTER VISIBILITY NA NOTE TO REFLECT 8260.19E PARA 8-54I(3) CHANGE 2.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        TUSAEAENRT   GAMGY K70    W     N29013098W081073308                      W0061     NAR           GAMGY
        TUSAEAENRT   GUANO K70    C   L N29055873W081231893                      W0059     NAR           GUANO
        TUSAEAENRT   KIZER K70    C   L N28552600W081221783                      W0059     NAR           KIZER
        TUSAEAENRT   PIXEE K70    W     N29024681W081054375                      W0061     NAR           PIXEE
        TUSAEAENRT   POBNE K70    W     N28574109W081130408                      W0060     NAR           POBNE
        TUSAEAENRT   SMYRA K70    C   L N29001948W080593451                      W0062     NAR           SMYRA

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        TUSAP 7FL6K7A        0     040YHN29044860W081024800W005000024        1800018000P    MNAR    SPRUCE CREEK

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        TUSAP 7FL6K7FR05   AGUANO 010GUANOK7EA0E  A    IF                                          18000                B JS
        TUSAP 7FL6K7FR05   AGUANO 020POBNEK7EA0EE B 010TF                    13760122    + 02800                       B JS
        TUSAP 7FL6K7FR05   AKIZER 010KIZERK7EA0E  A    IF                                          18000                B JS
        TUSAP 7FL6K7FR05   AKIZER 020POBNEK7EA0EE B 010TF                    07950084    + 02800                       B JS
        TUSAP 7FL6K7FR05   R      010POBNEK7EA0E  I    IF                                + 02800     18000                B JS
        TUSAP 7FL6K7FR05   R      020GAMGYK7EA1E  F 051TF                    05670062    + 01700                RW05  K7PGB JS
        TUSAP 7FL6K7FR05   R      020GAMGYK7EA2WN         N          ALNAV                                                JS
        TUSAP 7FL6K7FR05   R      021PIXEEK7EA0E S  031TF                    05670020    V 0104001042       -304          B JS
        TUSAP 7FL6K7FR05   R      030RW05 K7PG0GY M 031TF                    05670030      00074            -304          B JS
        TUSAP 7FL6K7FR05   R      040         0  M     CA                    0567        + 01200                       B JS
        TUSAP 7FL6K7FR05   R      050SMYRAK7EA0EY  R   DF                              + 02000                       B JS
        TUSAP 7FL6K7FR05   R      060SMYRAK7EA0EE  L   HM                    34050040    + 02000                       B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        TUSAP 7FL6K7GRW05    0040000568 N29043854W081030250+0000    -00215000220346521 76R
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 24 THRE: 22	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DAYTONA BEACH, FL	AIRPORT NAME: SPRUCE CREEK	RNAV	RNAV (GPS) RWY 5, AMDT 1	AMDT: ORIG
				DATED: 10/22/2009

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER ☐ (specify) _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        TUSAP 7FL6K7SRW05 K7PG                0   18018002825                                                                M
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 24 THRE: 22	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DAYTONA BEACH, FL	AIRPORT NAME: SPRUCE CREEK	RNAV	RNAV (GPS) RWY 5, AMDT 1	AMDT: ORIG
				DATED: 10/22/2009

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - 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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GUANO	GUANO	010	IAF	IF						
	GUANO	POBNE	020	IF	TF		FB	1.0	137.6(132.6T)	012.2	02800
	KIZER	KIZER	010	IAF	IF						
	KIZER	POBNE	020	IF	TF		FB	1.0	079.5(074.5T)	008.4	02800
		POBNE	010	FACF	IF						02800
		GAMGY	020	FAF	TF		FB	0.5	056.7(051.7T)	006.2	01700
		PIXEE	021	SDF	TF		FO	0.3	056.7(051.7T)	002.0	0104001042
		RW05	030	MAP	TF		FO	0.3	056.7(051.7T)	003.0	00074

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA				056.7(051.7T)		01200
	SMYRA	050		DF	R	FO				02000
	SMYRA	060		HM	L	FO		340.5(335.5T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GAMGY	N290130.98	W0810733.08	N2901.516	W08107.551
	GUANO	N290558.73	W0812318.93	N2905.979	W08123.316
	KIZER	N285526.00	W0812217.83	N2855.433	W08122.297
	PIXEE	N290246.81	W0810543.75	N2902.780	W08105.729
	POBNE	N285741.09	W0811304.08	N2857.685	W08113.068
	SMYRA	N290019.48	W0805934.51	N2900.325	W08059.575
	RW05	N290438.54	W0810302.50	N2904.642	W08103.042

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05	00022	52

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 24 THRE: 22 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DAYTONA BEACH, FL	SPRUCE CREEK	RNAV	RNAV (GPS) RWY 5, AMDT 1	AMDT: ORIG
				DATED: 10/22/2009

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER ☐ (specify) _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
INITIAL	KIZER	POBNE	1. TOWER (12-002157)	285511.08N/0811906.57W	1740 (1A)	1000	AT1351	2800
			2. TERRAIN	285745.00N/0812012.00W	122 (100)		AS1500	1600
INITIAL	GUANO	POBNE	3. TOWER (12-001280)	285809.00N/0811630.00W	449 (3C)	1000	AT1351	2800
			4. TERRAIN	285633.00N/0812112.00W	119 (100)		AS1500	1600
INTERMEDIATE	POBNE	GAMGY	5. TOWER (12-020509)	290130.96N/0810851.38W	449 (5D)	500	AT751	1700
			6. TERRAIN	285633.00N/0810851.38W	119 (100)		AS1500	1600
FINAL: LNAV	GAMGY	PIXEE/3.00 NM TO	7. AAO	290214.10N/0810633.18W	249 (2C)	250	DG508 RA16 RA17	1040
		RW05						
FINAL: LNAV STEPDOWN	PIXEE/3.00 NM TO	RW05	8. POWER POLE	290317.33N/0810504.61W	129 (2C)	250	RA16 XP45	440
	RW05							
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	RW05	SMYRA				ASC		2000
			9. TOWER (12-002514)	290033.00N/0805826.00W	375 (5D)	1000	AC50	1500
ELEV:	324		10. TERRAIN	290148.00N/0810106.00W	46 (0)		AS1500	1500

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED		HT. ABV. ARPT. ACTUAL						
CATEGORY A	1.3 NM	350	436	11. TREE	290524.23N/0810205.33W	129 (2C)	300	RA16	460
CATEGORY B	1.5 NM	450	596	12. TOWER (12-003378)	290507.00N/0810058.00W	300 (3C)	300	RA16	620
CATEGORY C	1.7 NM	450	596	12. TOWER (12-003378)	290507.00N/0810058.00W	300 (3C)	300	RA16	620
CATEGORY D	2.3 NM	550							
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW05

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (12-004309)	186/ 28.0	1749 (4D)	2800					

QUALITY CHECKED

CITY AND STATE	ELEVATION: 24 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
DAYTONA BEACH, FL	SPRUCE CREEK	RNAV	RNAV (GPS) RWY 5, AMDT 1	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
DAB APP CON PIE FSS ZJX ARTCC SATISFACTORY ON:	N W S / F A A / A / C — OTHER: ASOS	SOURCE: KDAB / KOMN DISTANCE: 6.00 / 13.65 HOURS REMOTE OPERATION: 24 / 24
X V H F X U H F H F	LOCATION: KDAB	ADJUSTMENT: 16 / 17

4. MONITOR STATUS	PRIMARY NAVAID:		
	MONITOR POINT:		
	HRS OPTN:	CAT 1	
		CAT 3	

5. APPROACH & RUNWAY LIGHTING	
	ALS
	(S) SALS
	MALS
	HIRL
X	MIRL 05 (PCL), 23 (PCL)
	REIL
	TDZ
	C/LINE
	OTHER (SPECIFY)

6. RUNWAY MARKINGS	BASIC		
	ALL WEATHER		
	INSTRUMENT NPI-G 23		
7. RUNWAY VISUAL RANGE	APPROACH		
	MIDFIELD		
	ROLL OUT		
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:	
	DISTANCE FROM RWY:	ELEV GP ANTENNA:	
		THRESHOLD CROSSING HEIGHT:	

9. FINAL APPROACH COURSE AIMING			
	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: KELLY DEAN	DATE: 07/13/2011
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

VDP NOT ESTABLISHED - FULL TIME REMOTE ALTIMETER, OBSTACLES PENETRATE VDP SURFACES.

THRESHOLD DISPLACED 346 FT.

PARA 251, 20:1 PENETRATION.

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TERPS PARAGRAPH 289 APPLIED TO 154 TREE
290249N/0810604W
TERPS PARAGRAPH 289 APPLIED TO 144 TREE
290326N/0810547W

VGSI: NONE

NO ADDITIONAL AIRSPACE REQUIRED.

VEGETATION HEIGHT OF 100 FEET.

RASS (PRESSURE PATTERNS SAME)
K7FL6 23.5
KDAB 33.8, RA=15.25
KOMN 29.0, RA=32.17
KDAB AND KOMN ARE ON SERVICE A.

MSA OBST UTILIZES 4D AC PER OE 1999-ASO-2313.

TERPS, VOLUME 1 "VISUAL PORTION OF FINAL" PENETRATION:
RW05 20:1
124 TREE 290437.61N/0810306.17W (96.11)
RW23 20:1
124 TREE 290459.05N/0810229.38W (97.34)
AIRPORT HAS NO SURVEY. NUMEROUS TREES, POWERLINES, HOUSES EXIST ALONG AND AT BOTH END OF RUNWAYS. THESE OBSTACLES OF UNKNOWN HEIGHT RESULT IN 20:1 AND 34:1 PENETRATIONS OF VISUAL SURFACES TO BOTH RUNWAY ENDS. WHEN PLACING 100' NOTIONAL TREES LISTED ABOVE, TREES RESULTED IN OVER 95' PENETRATION. DUE TO PENETRATIONS, PROCEDURE NA AT NIGHT. IF PENETRATIONS ARE CLEARED TO ONE END, STRAIGHT-IN OR CIRCLING MAY BE AUTHORIZED.

PROCEDURE AMENDED TO CHANGE MISSED APPROACH. TO PREVENT DATA BASE PROCESSING COSTS TO USER, FAF AND IF COORDINATES DID NOT CHANGE. FAF NOT COMPUTED UTILIZING LNAV/VNAV FORMULA AS PROCEDURE IS LNAV ONLY.

MISSED APPROACH CLIMBS TO 2000 WHEN MEA ON AIRWAY IS 4000. REQUESTED BY AIR TRAFFIC (M. BRAGER) DUE TO TRAFFIC SEPARATION. 40:1 EVAL COMPLETED ALONG V3-533 AIRWAY - NO PENETRATIONS.

XP - MAINTAIN EXISTING MINIMUMS

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: POBNE **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 285741.09N/0811304.08W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX RESTRICTIONS:
SPECIAL RNAV (GPS) RWY 5, K7FL6, DAYTONA BEACH, FL

HOLDING: **HOLDING TYPE OF ACTION:** CANCEL

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 5			K7FL6	DAYTONA BEACH	FL (US)

REQUIRED CHARTING: SPECIAL IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 12/15/2011

REASON FOR REVISION:
DELETED HOLDING PATTERN.
UPDATED FIX USE AND REMARKS.
ADDED SPECIAL IAP TO REQUIRED CHARTING.

DEVELOPED BY: **DATE:** 07/12/2011 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: DAB APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GAMGY **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 290130.98N/0810733.08W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX RESTRICTIONS:
SPECIAL RNAV (GPS) RWY 5, K7FL6, DAYTONA BEACH, FL

INFO ONLY

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
K7FL6 R05 DISPLACED THRESHOLD COORDINATES: 290438.56N-0810302.47W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 5			K7FL6	DAYTONA BEACH	FL (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 08/27/2009

REASON FOR REVISION:
CHANGED DISPLACED RWY THRESHOLD COORDINATES FROM 290438.54N-0810302.50W TO 290438.56N-0810302.47W.
MOVED FIX 208.33 FEET SOUTHWEST TO RNP PFAF LOCATION.
UPDATED FIX USE. CHANGED GPS RWY 5 TO RNAV (GPS) RWY 5.
DELETED FAC 1.

DEVELOPED BY: **DATE:** 03/17/2009 **OFFICE:** AVN-110 **NAME:** PETER GETZ (GEORGE TRAMMELL)

APPROVED BY: **DATE:** 07/20/2009 **OFFICE:** AVN-110 **NAME:** PETER GETZ

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: DAB APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GUANO **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 290558.73N/0812318.93W **TYPE:** WP, INT, DME

INFO ONLY

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	ORLANDO	ORL	VORTAC	H	355.17	355.17	33.45	33.45		3000	17500
2	ORMOND BEACH	OMN	VORTAC	H	230.00	230.00		18.93		3000	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	FATHE (RNAV)			KMCO	ORLANDO	FL (US)
DP	JAGUAR	1, 2		KMCO	ORLANDO	FL (US)
DP	JEEMY (RNAV)			KMCO	ORLANDO	FL (US)
DP	MCCOY	1, 2		KMCO	ORLANDO	FL (US)
EN ROUTE	V267					(US)
IAP	SPECIAL RNAV (GPS) RWY 5			K7FL6	DAYTONA BEACH	FL (US)
IAP	RNAV (GPS) RWY 7R			KDAB	DAYTONA BEACH	FL (US)
IAP	RNAV (GPS) Y RWY 7L			KDAB	DAYTONA BEACH	FL (US)
IAP	RNAV (GPS) Z RWY 7L			KDAB	DAYTONA BEACH	FL (US)

REQUIRED CHARTING: DP, IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 08/27/2009

REASON FOR REVISION:
UPDATED FIX USE. CHANGED GPS RWY 5 TO RNAV (GPS) RWY 5.
DELETED FAC 3.

DEVELOPED BY: **DATE:** 03/17/2009 **OFFICE:** AVN-110 **NAME:** PETER GETZ (GEORGE TRAMMELL)

APPROVED BY: **DATE:** 07/20/2009 **OFFICE:** AVN-110 **NAME:** PETER GETZ

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: DAB APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KIZER **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 285526.00N/0812217.83W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	ORMOND BEACH	OMN	VORTAC	H	211.00	211.00	26.47	26.47		2700	17500
2	MELBOURNE	MLB	VOR/DME	L	328.71	321.71		62.56		5000	17500
3	ORLANDO	ORL	VORTAC	H	355.17	355.17	22.89	22.89		2700	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MLB	VOR/DME	R-329	63	5000	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	S	ORL	VORTAC	355.17	355.17	R		5	3000	14000	5	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-001568)	285618.00N/0811857.00W	1740	3C

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.
DME HOLDING ONLY.

REMARKS:
MELBOURNE (FAC 2) AND ORMOND BEACH (FAC 1) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V152	1, 3				(US)
EN ROUTE	V267	1, 3	1			(US)
EN ROUTE	V437	1, 2				(US)
IAP	SPECIAL RNAV (GPS) RWY 5			K7FL6	DAYTONA BEACH	FL (US)
IAP	RNAV (GPS) RWY 31			KLEE	LEESBURG	FL (US)
IAP	RNAV (GPS) RWY 7			KEVB	NEW SMYRNA BEACH	FL (US)
IAP	NDB-B	1, 2		KSFB	ORLANDO	FL (US)

REQUIRED CHARTING: IAP, SPECIAL IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
RAISED FAC 2 MRA FROM 3000 TO 5000; CHANGED MAG BRG FROM 323.71 TO 328.71.
UPDATED ESV TO CHANGE MIN ALT FROM 3000 TO 5000; CHANGED RADIAL FROM R-324 TO R-329.
UPDATED FIX USE AND REMARKS.
ADDED SPECIAL IAP TO REQUIRED CHARTING.

05/24/2012 THIS IS AN UPDATED COPY OF THE FORM DATED 07/12/2011
CHANGED FAC 2 MAG BRG FROM 323.71 TO 328.71.
CHANGED ESV R-324 TO R-329.
ADDED FAC 1 AND FAC 2 TO USED TO ESTABLISH FIX COORDINATES REMARK.

DEVELOPED BY: **DATE:** 07/12/2011 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: DAB, ORL APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: PIXEE **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 290246.81N/0810543.75W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

INFO ONLY

FIX RESTRICTIONS:
SPECIAL RNAV (GPS) RWY 5, K7FL6, DAYTONA BEACH, FL

REMARKS:
K7FL6 R05 DISPLACED THRESHOLD COORDINATES: 290438.56N-0810302.47W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 5			K7FL6	DAYTONA BEACH	FL (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 08/27/2009

DEVELOPED BY: **DATE:** 03/17/2009 **OFFICE:** AVN-110 **NAME:** PETER GETZ (GEORGE TRAMMELL)

APPROVED BY: **DATE:** 07/20/2009 **OFFICE:** AVN-110 **NAME:** PETER GETZ

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC:
ATC FACILITY: DAB APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SMYRA **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 290019.48N/0805934.51W **TYPE:** WP, INT, DME

INFO ONLY

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	ORMOND BEACH	OMN	VORTAC	H	160.53	160.53	18.90	18.90		1600	17500
2	ORLANDO	ORL	VORTAC	H	033.00	033.00	33.05	33.05		1600	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	S	OMN	VORTAC	160.53	340.53	L	1		1600	14000	5	12
2	S		WP	160.53	340.53	L		4	2000	14000	4	11
3	SW	ORL	VORTAC	033.00	033.00	R	1		2000	6000	5	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (10-2514)	290033.00N/0805826.00W	375	5D
2	200	TOWER (10-2514)	290033.00N/0805826.00W	375	5D
3	200	TOWER (12-002514)	290033.00N/0805826.00W	375	5D

REASON FOR NONSTANDARD HOLDING:
PAT 1 AVOID W-158

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER R-2935 (11,000 FT AND ABOVE).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V3-V533.	1, 2				(US)
IAP	SPECIAL RNAV (GPS) RWY 5		2	K7FL6	DAYTONA BEACH	FL (US)
IAP	VOR RWY 16	1, 2	1	KDAB	DAYTONA BEACH	FL (US)
IAP	RNAV (GPS) RWY 30			KDED	DELAND	FL (US)
IAP	ILS OR LOC RWY 9L	1, 2	3	KSFB	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 18			KSFB	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 27R	1, 2	3	KSFB	ORLANDO	FL (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13 **DATE OF REVISION:** 07/28/2011

REASON FOR REVISION:
UPDATED FIX USE.
ADDED KSFB RNAV (GPS) RWY 18 TO FIX USE.

DEVELOPED BY: **DATE:** 03/15/2011 **OFFICE:** AJV-352 **NAME:** KHALED SALEM

APPROVED BY: **DATE:** 06/13/2011 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: DAB APP CON
OTHER: MCO APP CON

QUALITY CHECKED