Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 05/04/2010	Task #: 2008041414764705005	Request #: 20080414147647
Procedure: RNAV (GPS) RWY 28L AMDT 1		Airport ID: KFPR	Airport: ST LUCIE COUNTY INTL		Reimbursable #:
City: FORT PIERCE	ST: FL	GPS #:		Estimated Chart Date: 09/20/2012	FICO #:
Fac ID:	Fac. Type: LNAV	Specialist: KELLY DEAN			

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	12/28/2011	05/11/2012	DONALD SMITH	
QA:	05/11/2012	05/11/2012	DAVID PUGLISI	
Liaison:	05/11/2012		Alfonso	HARD DATE - MAGVAR

MAG VAR

Procedure Comments: ENROUTE **Remark Type:** INFORMATION

pg 3 of 8

FORT PIERCE, FL ST LUCIE COUNTY INTL (KFPR) RNAV (GPS) RWY 28L, AMDT 1 (LNAV) ENROUTE-YES FC: 7.24.12 PUB: 9.20.12

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): AWOTA, REV 3; BRONG, REV 2; JUDUD, REV 2; SESOC, ORIG; TEGUC, ORIG; TREASURE (TRV) VTAC, REV 16; VOYUT, REV 2; YADDU, REV 2.

CONTACT: DON SMITH, AJV-352 LEAD, 405.954.1036:

RNAV (GPS) RWY 28L

FORT PIERCE/ ST. LUCIE COUNTY INTL (FPR)

APP CRS	Rwy Idg	6492
292°	THRE	21
	Apt Elev	23

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 43°C (109°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Vero Beach altimeter setting and increase LNAV/VNAV DA to 433 and all MDA 40 feet; increase LNAV/VNAV all Cats and LNAV Cats C/D visibility ½ mile. Baro-VNAV NA when using local altimeter setting.

MISSED APPROACH: Climb to 440 then climbing left turn to 2000 direct AWOTA and hold.

ATIS	MIAMI CENTER	FORT PIERCE TOWER ▪	GND CON
134.825	132.25 370.9	128.2 (CTAF)	119.55

PROTOTYPE - NOT FOR NAVIGATION

TREASURE TRV

Procedure NA for arrivals on TRV VORTAC airway radials 129 CW 197.

(112°T) 2000 119° (20.6)

TRV 27 40 706/080 29 384
AWOTA 27 24 906/080 35.675
BRONG 27 27.083/080 09.619
JUDUD 27 20 791/080 11.525
SESOC 27 29 822/080 21.006
TEGUC 27 29.301/080 18.834
VOYUT 27 33.084/080 07.797
YADDU 27 28.703/080 16.344
RW28L 27 29.827/080 21 561

W-497B

(IAF) VOYUT Max 210 KIAS

(195°T) 2000 202° (6.2)

(285°T) 1600 292° (6.2)

(IF) BRONG

(FAF) YADDU

(MAP) SESOC

TEGUC 2 NM to SESOC

△511 △486 △522 △218 △536 158△

AWOTA

007° 187° 4 NM

MSA SESOC 25 NM 2600

(015°T) 2000 022° (6.5)

(IAF) JUDUD Max 210 KIAS

△543

Radar required for arrivals at JUDUD

ELEV 23 THRE 21

△95

10L 4000 X 75 28R

10R 6492 X 150 28L

TWR 142

4755 X 100 32

REIL Rwy 10R

MIRL Rwys 10L-28R, 10R-28L, and 14-32

440 2000 AWOTA

*LNAV only

TEGUC 2 NM to SESOC

YADDU 1600

BRONG (285°T) 292° 2000

Procedure Turn NA

SESOC RW28L *860 1600

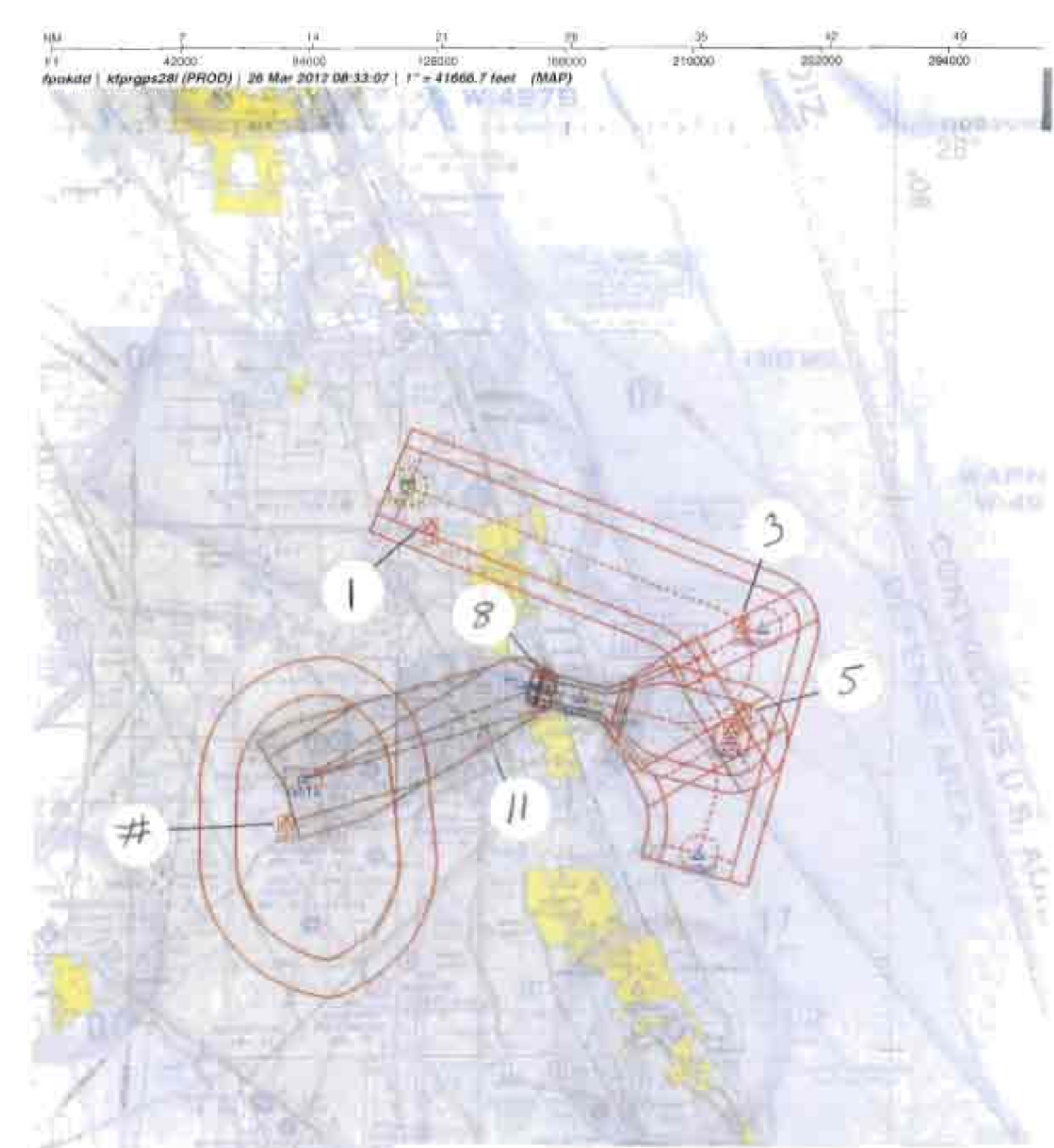
GS 3.00° TCH 59

0.5 2 NM 2.3 NM 6.2 NM

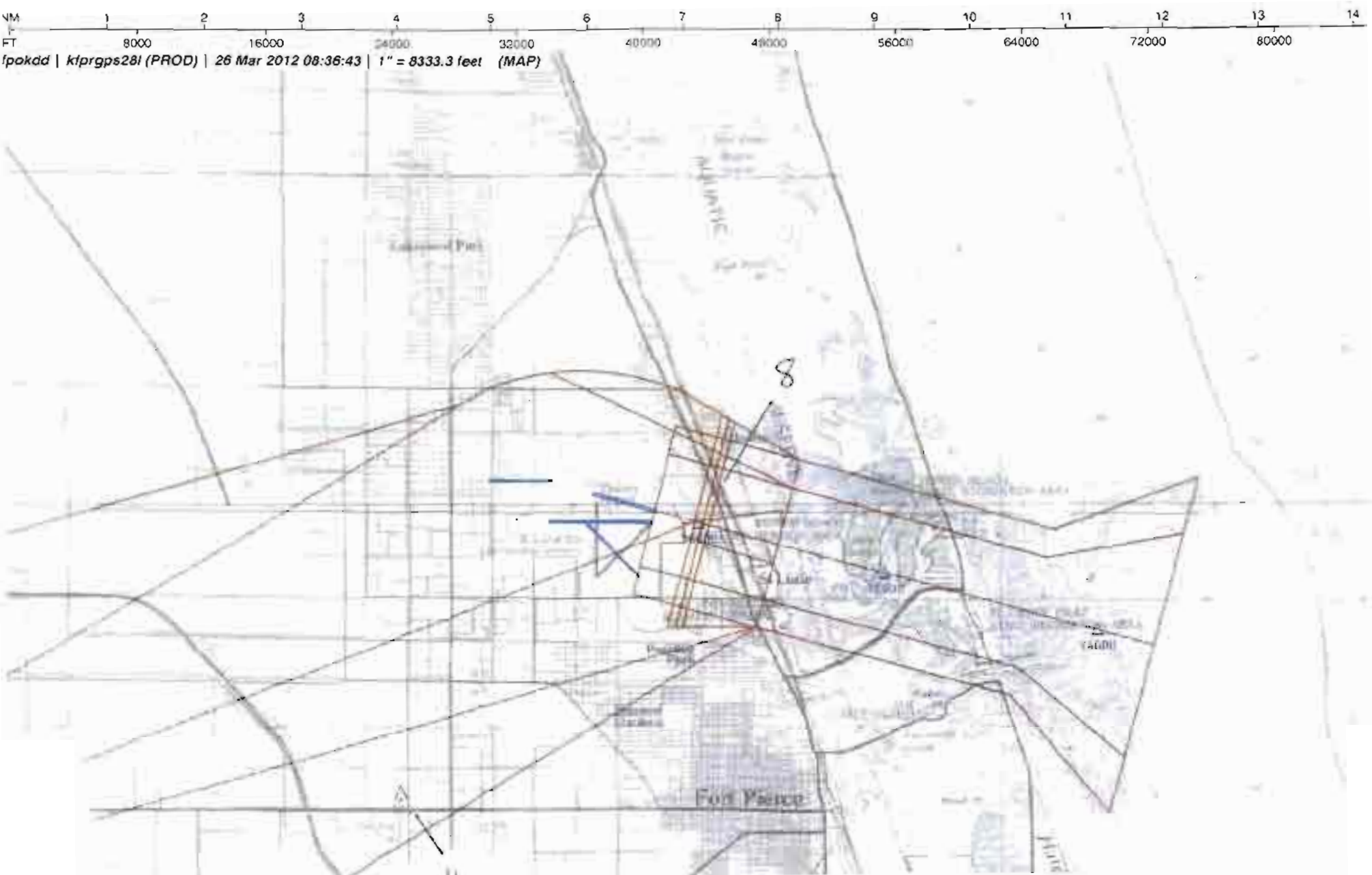
CATEGORY	A	B	C	D
LNAV/VNAV DA	410-1¼		389 (400-1¼)	
LNAV MDA	400-1		379 (400-1)	
CIRCLING	460-1 437 (500-1)	480-1 457 (500-1)	480-1½ 457 (500-1½)	580-2 557 (600-2)

27°30'N-80°22'W

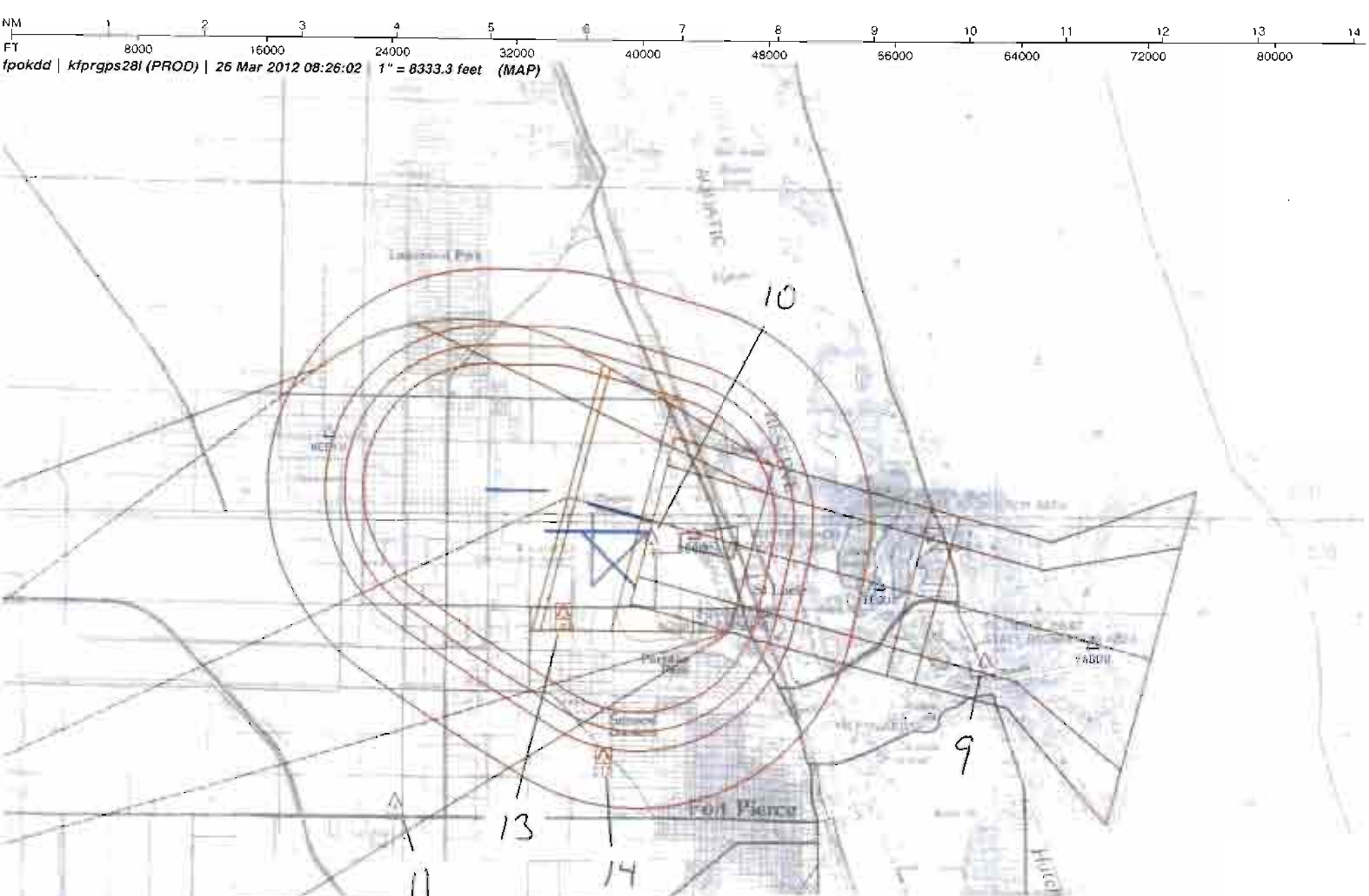
FORT PIERCE/ ST. LUCIE COUNTY INTL (FPR) RNAV (GPS) RWY 28L



Airport ID:	KFPR	FM 9			
Apt Name:	ST. LUCIE COUNTY INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	FORT PIERCE	1	TRV FEEDER	TOWER	345
State:	FL	3	VOYUT INITIAL	SHIP	300
Scale:	1:500,000	5	JUDUD INITIAL / INTERM	SHIP	300
Proc ID:	RNAV (GPS) RWY 28L	8	VNAV FINAL	POLE	134
Amdt #:	1	11	MA LVL SFC	TOWER	522
		#	MA HOLDING	TOWER	367



Airport ID:	KFPR	FM 9			
Apt Name:	ST. LUCIE COUNTY INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	FORT PIERCE	8	VNAV FINAL	POLE	134
State:	FL	11	MA LVL SFC	TOWER	522
Scale:	1:100,000				
Proc ID:	RNAV (GPS) RWY 28L				
Amdt #:	1				



Airport ID:	KFPR	FM 9			
Apt Name:	ST. LUCIE COUNTY INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	FORT PIERCE	9	LNAV FINAL	AAO	214
State:	FL	10	LNAV S/D FINAL	TOWER	145
Scale:	1:100,000	13	CIRC CAT A-C	POLE	158
Proc ID:	RNAV (GPS) RWY 28L	14	CIRC CAT D	TOWER	218
Amdt #:	1	11	MA LVL SFC	TOWER	522

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
TRV VORTAC	VOYUT (FB)	118.54 / 20.63	2000
VOYUT (IAF)	BRONG (FB)	202.15 / 6.20	2000
JUDUD (IAF)	BRONG (FB)	022.13 / 6.50	2000
BRONG (IF)	YADDU (FB)	292.14 / 6.20	1600
YADDU (FAF)	TEGUC/2.00 NM TO SESOC (FB)	292.08 / 2.29	
TEGUC/2.00 NM TO SESOC (SEE FORM 8260-10)	SESOC (MAP) (FO)	292.07 / 2.00	

MISSED APPROACH

LNAV/VNAV: DA
LNAV: SESOC

CLIMB TO 440 THEN CLIMBING LEFT TURN TO 2000 DIRECT AWOTA AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 007.37 INBOUND.
CHART FAS OBST: 145 TWR 272942N/0802130W CHART W-497B.
DISTANCE TO THLD FROM 389 HATH: 1.04 NM.
FAC CROSSES RWY C/L EXTENDED 3001 FROM THLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT BRONG
3. FAC: 292.08 FAF: YADDU DIST FAF TO MAP: 4.29 THLD: 4.77
4. MIN. ALT: BRONG 2000, YADDU 1600, TEGUC/2.00 NM TO SESOC 860* *LNAV ONLY
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1600 GS ALT AT: YADDU 1600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 59.3 34:1 IS NOT CLEAR
8. MSA FROM: SESOC 2600

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
LNAV/VNAV DA	410	1 1/4	389	410	1 1/4	389	410	1 1/4	389	410	1 1/4	389			
LNAV MDA	400	1	379	400	1	379	400	1	379	400	1	379			
CIRCLING	460	1	437	480	1	457	480	1 1/2	457	580	2	557			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 43C (109F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE AT JUDUD : MAX 210 KIAS.
(SEE FORM 8260-10)

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 23 THRE: 21	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
FORT PIERCE, FL	AIRPORT NAME: ST LUCIE COUNTY INTL	RNAV	RNAV (GPS) RWY 28L, AMDT 1	AMDT: ORIG-A
				DATED 06/30/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[X] YES [ ] NO		**CONCURRENT**

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[ ]	[ ]	[X]	[ ]	[X]	[X]	[X] **ZMA, FPR ATCT, AIRPORT MANAGER**

FLIGHT CHECKED BY

NAME:	FIFO	DATE:

DEVELOPED BY

NAME:	FIFO	DATE:
KELLY DEAN	**AJV-352**	**02/28/2012**

APPROVED BY

NAME:		FIFO	DATE:
DARRYEL ADAMS	**MANAGER**	**AJV-352**	

CHANGES:

1. VRB VORTAC IDENTIFIER CHANGED TO TRV VORTAC.
2. PROCEDURE REDESIGNED TO 3001' FROM THRESHOLD ON CENTERLINE (SESOC); FAF TO MAP/THLD UPDATED.
3. PROCEDURE REDESIGNED TO APPROACH FROM SOUTHEAST; FINAL, MISSED, INITIALS, AND FEEDER COURSE ADJUSTED.
4. ADDED LNAV/VNAV MINIMUMS.
5. ADDED LNAV STEPDOWN FIX (TEGUC).
6. LOWERED LNAV MDA FROM 420 TO 400.
7. LOWERED LNAV CAT D VISIBILITY FROM 1 1/4 TO 1.
8. LOWERED CIRCLING CAT A MDA FROM 480 TO 460.
9. ADDED 210 AIRSPEED RESTRICTIONS AT IAF'S.
10. LOWERED FAF ALTITUDE FROM 1800 TO 1600.
11. DELETED CIRCLING TO RWY 28R NA AT NIGHT NOTE.
12. CHANGED PROCEDURE NA FOR ARRIVALS AT TRV VORTAC (182 CHANGED TO 197).
13. ADDED RADAR REQUIRED FOR ARRIVALS AT JUDUD.
14. UPDATED BACKUP ALTIMETER SETTING NOTE.
SEE 8260-10

REASONS:

1. FPT REQUESTED.
2. .54 ALIGNMENT CRITERIA.
3. NOISE ABATEMENT AREA EAST OF AIRPORT.
4. .54 CRITERIA NOW ALLOWS OFFSET LNAV/VNAV MINIMUMS.
5. USED TO MITIGATE AAO ADDITION TO FINAL, ALLOW TO KEEP LOWER MINIMUMS.
6. CONTROLLING OBSTACLE AFTER STEPDOWN ADDITION.
7. CORRESPOND WITH LOWERING MINIMUMS.
8. CONTROLLING OBSTACLE.
9. FPT REQUESTED.
10. ATC REQUESTED.
11. 20:1 PENETRATION NO LONGER EXISTS.
12. MAINTAIN 90 DEGREE MAX TURN AFTER ADJUSTING OUTBOUND COURSE.
13. SEGMENT NOT ATTACHED TO ENROUTE STRUCTURE.
14. REFLECT NEW MINIMUMS.
SEE 8260-10

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SESOC (MAP)	440 MSL	292.07	440
440 MSL	AWOTA (FO)		2000

NOTES, (CONT.):
CHART PLANVIEW NOTE AT VOYUT : MAX 210 KIAS.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON TRV VORTAC AIRWAY RADIALS 129 CW 197.
CHART PLANVIEW NOTE: RADAR REQUIRED FOR ARRIVALS AT JUDUD.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE VERO BEACH ALTIMETER SETTING AND INCREASE LNAV/VNAV DA TO 433 AND ALL MDA 40 FEET; INCREASE LNAV/VNAV ALL CATS AND LNAV CATS C/D VISIBILITY 1/8 MILE.
CHART NOTE: BARO-VNAV NA WHEN USING LOCAL ALTIMETER SETTING.

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 23 THRE: 21	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FORT PIERCE, FL	AIRPORT NAME: ST LUCIE COUNTY INTL	RNAV	RNAV (GPS) RWY 28L, AMDT 1	AMDT: ORIG-A
				DATED: 06/30/2011

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:

CHANGES CONT.
15. ADDED BARO-VNAV TO VDP NA NOTE WHEN USING BACKUP ALTIMETER. 16. MISSED HOLDING COURSE CHANGED BY 3 DEGREES. 17. VDA CHANGED FROM 3.05 TO 3.00. 18. DELETED VDP. 19. DELETED FIX WEBKU FROM MISSED ALLOWING TURN DIRECT TO AWOTA.

REASONS:

REASONS CONT.
15. ADDED LNAV/VNAV MINIMUMS.
16. MAG/VAR CHANGE AT AIRPORT.
17. 3.00 UTILIZED DUE TO LNAV/VNAV MINS.
18. TOO CLOSE TO MAP.
19. FPT REQUEST.

07/24/2012: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 2/28/12. UPDATED ARINC TRANSITION NAME FROM TEGUC TO TRV.

EFFECTIVE CONCURRENT WITH: KFPR RNAV (GPS) RWY 10R, AMDT 1

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

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        TRV   K7011730VTHA N27404233W080292301    N27404233W080292301W0070000112     NARTREASURE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AWOTA K70    W     N27245435W080354047                      W0062     NAR           AWOTA
        SUSAEAENRT   BRONG K70    W     N27270499W080093712                      W0065     NAR           BRONG
        SUSAEAENRT   JUDUD K70    W     N27204746W080113151                      W0065     NAR           JUDUD
        SUSAEAENRT   SESOC K70    W     N27294934W080210034                      W0064     NAR           SESOC
        SUSAEAENRT   TEGUC K70    W     N27291808W080185004                      W0064     NAR           TEGUC
        SUSAEAENRT   VOYUT K70    W     N27330503W080074782                      W0065     NAR           VOYUT
        SUSAEAENRT   YADDU K70    W     N27284219W080162061                      W0064     NAR           YADDU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFPRK7AFPR     0     064YHN27295090W080222150W007000023         1800018000C    MNAR    ST LUCIE COUNTY INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFPRK7FR28L  AJUDUD 010JUDUDK7EA0E  A    IF                                                18000210              A-JS
        SUSAP KFPRK7FR28L  AJUDUD 020BRONGK7EA0EE B 010TF                     02210065    + 02000                              A JS
        SUSAP KFPRK7FR28L  ATRV   010TRV  K7D 0V       IF                                                18000                 A JS
        SUSAP KFPRK7FR28L  ATRV   020VOYUTK7EA0E  A 020TF                     11850206    + 02000          210                 A-JS
        SUSAP KFPRK7FR28L  ATRV   030BRONGK7EA0EE B 010TF                     20220062    + 02000                              A JS
        SUSAP KFPRK7FR28L  R      010BRONGK7EA0E  I    IF                                  + 02000     18000                    A JS
        SUSAP KFPRK7FR28L  R      020YADDUK7EA1E  F 051TF                     29210062    + 01600                  SESOC K7EAA JS
        SUSAP KFPRK7FR28L  R      020YADDUK7EA2WN          ALNAV/VNAV ALNAV                                                      JS
        SUSAP KFPRK7FR28L  R      021TEGUCK7EA0E S  031TF                     29210023    V 0086000870        -300             A JS
        SUSAP KFPRK7FR28L  R      030SESOCK7EA0EY M 031TF                     29210020      00080             -300             A JS
        SUSAP KFPRK7FR28L  R      040         0  M     CA                     2921        + 00440                              A JS
        SUSAP KFPRK7FR28L  R      050AWOTAK7EA0EY  L   DF                                  + 02000                              A JS
        SUSAP KFPRK7FR28L  R      060AWOTAK7EA0EE  R   HM                     00740040    + 02000                              A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFPRK7GRW28L   0064922775 N27294959W080213366+0000    -0021100021000059150R

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

QUALITY

CITY AND STATE	ELEVATION: 23 THRE: 21	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FORT PIERCE, FL	AIRPORT NAME: ST LUCIE COUNTY INTL	RNAV	RNAV (GPS) RWY 28L, AMDT 1	AMDT: ORIG-A
				DATED: 06/30/2011

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:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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```
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFPRK7SSESOCK7EA                0   18018002625                                                                          M
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 23 THRE: 21	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FORT PIERCE, FL	AIRPORT NAME: ST LUCIE COUNTY INTL	RNAV	RNAV (GPS) RWY 28L, AMDT 1	AMDT: ORIG-A
				DATED: 06/30/2011

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:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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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
	JUDUD	JUDUD	010	IAF	IF		FB					AB 210
	JUDUD	BRONG	020		TF		FB	1.0	022.1(015.1T)	006.5	AA 02000	
	TRV	TRV	010		IF		FB					
	TRV	VOYUT	020	IAF	TF		FB	2.0	118.5(111.5T)	020.6	AA 02000	AB 210
	TRV	BRONG	030		TF		FB	1.0	202.2(195.2T)	006.2	AA 02000	
		BRONG	010	FACF	IF		FB				AA 02000	
		YADDU	020	FAF	TF		FB	0.5	292.1(285.1T)	006.2	AA 01600	
		TEGUC	021	SDF	TF		FB	0.3	292.1(285.1T)	002.3	AA 00860 GS 00870	
		SESOC	030	MAP	TF		FO	0.3	292.1(285.1T)	002.0	AT 00080	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		292.1(285.1T)		AA 00440	
	AWOTA	050		DF	L	FO				AA 02000	
	AWOTA	060		HM	R	FO		007.4(000.4T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	TRV	N274042.33	W0802923.01	N2740.706	W08029.384
	AWOTA	N272454.35	W0803540.47	N2724.906	W08035.675
	BRONG	N272704.99	W0800937.12	N2727.083	W08009.619
	JUDUD	N272047.46	W0801131.51	N2720.791	W08011.525
	SESOC	N272949.34	W0802100.34	N2729.822	W08021.006
	TEGUC	N272918.08	W0801850.04	N2729.301	W08018.834
	VOYUT	N273305.03	W0800747.82	N2733.084	W08007.797
	YADDU	N272842.19	W0801620.61	N2728.703	W08016.344
	RW28L	N272949.59	W0802133.66	N2729.827	W08021.561

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28L	00021	59

CITY AND STATE	ELEVATION: 23 THRE: 21	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FORT PIERCE, FL	AIRPORT NAME: **ST LUCIE COUNTY INTL**	**RNAV**	**RNAV (GPS) RWY 28L, AMDT 1**	AMDT: **ORIG-A**
				DATED: **06/30/2011**

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:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	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.
FEEDER	TRV VORTAC	VOYUT	1. TOWER (12-003083)	273808.00N/0802757.00W	345 (2C)	1000	AT655	2000
			2. TERRAIN	273857.00N/0803009.00W	27 (0)		AS1500	1500
INITIAL	VOYUT	BRONG	3. SHIP	273242.50N/0800902.20W	300 (2C)	1000	AT700	2000
			4. TERRAIN	273228.40N/0800901.85W	0 (0)		AS1500	1500
INITIAL	JUDUD	BRONG	5. SHIP	272804.57N/0800854.06W	300 (2C)	1000	AT700	2000
			6. TERRAIN	272704.92N/0800854.06W	0 (0)		AS1500	1500
INTERMEDIATE	BRONG	YADDU	5. SHIP	272804.57N/0800854.06W	300 (2C)	500	AT800	1600
			7. TERRAIN	272804.57N/0800854.06W	0 (0)		AS1500	1500
FINAL: LNAV/VNAV	YADDU	SESOC	8. POLE (KFPRT0687)	273005.63N/0802045.96W	134 (1A)	34:1		410/389
FINAL: LNAV	YADDU	TEGUC/2.00 NM TO	9. AAO	272825.75N/0801735.67W	214 (2C)	250	RA24 DG372	860
		SESOC						
FINAL: LNAV STEPDOWN	TEGUC/2.00 NM TO	SESOC	10. TWR (KFPRT0410)	272941.78N/0802130.44W	145 (1A)	250		400
	SESOC							
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	DA / SESOC	AWOTA				ASC		2000
			11. TOWER (12-002193)	272656.00N/0802432.00W	522 (2C)	1000		1600
ELEV:	249/300		12. TERRAIN	272900.00N/0802700.00W	187 (200)		AS1500	1700

4. CIRCLING AREA	DISTANCE	REQUIRED	ACTUAL	HT. ABV. ARPT.
CATEGORY A	1.3 NM	350	437	
CATEGORY B	1.5 NM	450	457	
CATEGORY C	1.7 NM	450	457	
CATEGORY D	2.3 NM	550	557	
CATEGORY E	4.5 NM	550		

13. POLE (12-020304)	272854.17N/0802232.68W	158 (1A)	300		460
13. POLE (12-020304)	272854.17N/0802232.68W	158 (1A)	300	HAA	480
13. POLE (12-020304)	272854.17N/0802232.68W	158 (1A)	300	HAA	480
14. TOWER (12-000118)	272725.00N/0802205.00W	218 (5D)	300	AC50	580

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: SESOC

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (12-001525)	192/ 22.5	1549 (5D)	2600					

QUALITY CHECKED

CITY AND STATE	ELEVATION: 23 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
FORT PIERCE, FL	ST LUCIE COUNTY INTL	RNAV	RNAV (GPS) RWY 28L, AMDT 1	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
ZMA ARTCC FPR TOWER	[ ] NWS OTHER: ASOS [ ] FAA [ ] A/C	SOURCE: KFPR / KVRB DISTANCE: 0 / 9.76 HOURS REMOTE OPERATION:
SATISFACTORY ON:		
[X] VHF [X] UHF [ ] HF	LOCATION:	ADJUSTMENT: 0 / 24

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	
5. APPROACH & RUNWAY LIGHTING	[ ]	ALS
	[ ]	(S) SALS
	[ ]	MALS
	[ ]	HIRL
	[X]	MIRL 10L (PCL), 14 (PCL), 28R (PCL), 10R (PCL), 32 (PCL), 28L (PCL)
	[X]	REIL 10R (PCL)
	[ ]	TDZ
	[ ]	C/LINE
	[X]	OTHER (SPECIFY) PAPI-4L 14 VASI-4L 10R (PCL), 28L (PCL)
6. RUNWAY MARKINGS	BASIC	BSC-G 10L, 28R
	ALL WEATHER	PIR-G 10R, 28L
	INSTRUMENT	NPI-G 14, 32
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 21.1
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 59.3
9. FINAL APPROACH COURSE AIMING	[ ]	RUNWAY THRESHOLD 3001 FT. FROM THRESHOLD
	[X]	ON CENTERLINE FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: KELLY DEAN	DATE: 02/28/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

VDP NOT ESTABLISHED - TOO CLOSE TO MAP.

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VGSI: 3.00/59.3

SEE ATTACHED AIRSPACE LETTER.

RASS (PRESSURE PATTERNS SAME)
KFPR 23.4, KVRB 23.5
RA=22.47
KFPR AND KVRB ARE ON SERVICE A.

FAC OFFSET 14.56 DEGREE SOUTH OF RUNWAY CENTERLINE FOR NOISE ABATEMENT CONCERNS EAST OF THE AIRPORT. LPV NOT DEVELOPED.
TAA NOT DEVELOPED PER FPT.

ISA DEVIATION = -30 (NO HISTORICAL DATA AVAILABLE)

100 FT VEGETATION USED PER OSG (GARY RAYMOND).
BOAT HEIGHTS WITHIN CHANNEL ARE 50 FT, OUTSIDE CHANNEL CLOSE TO BAY ARE 90 FT PER OSG (GARY RAYMOND).
SHIP HEIGHTS VICINITY IF AND OUTWARD ARE 300 FT PER OSG (GARY RAYMOND).

POFA PENETRATED BY AIRPORT SIGN (KFPRT0002). VERIFIED BY OSG (GARY RAYMOND) AS FIXED BY FUNCTION AND FRANGIBLE.

TERPS, VOLUME 1, "VISUAL PORTION OF FINAL" (34:1)
PENETRATIONS:
117 TWR (KFPRT0683) 272938.43N/0802100.51W (13.69)
57 TREE (KFPRT0499) 272954.49N/0802122.38W (12.04)
54 TREE (KFPRT0493) 272946.37N/0802123.46W (11.70)
59 TREE (KFPRT0505) 272953.96N/0802121.16W (10.80)
55 TREE (KFPRT0500) 272944.89N/0802122.06W (8.95)
77 TREE (KFPRT0602) 272955.50N/0802113.32W (8.08)
57 TREE (KFPRT0512) 272952.57N/0802120.42W (6.80)
38 TREE (KFPRT0420) 272945.90N/0802127.64W (6.75)
55 TREE (KFPRT0506) 272954.97N/0802121.13W (6.74)
64 TREE (KFPRT0548) 272954.89N/0802117.69W (6.64)
68 TREE (KFPRT0574) 272952.94N/0802116.13W (6.46)
74 TREE (KFPRL017) 272955.45N/0802113.52W (5.61)
51 TREE (KFPRL009) 272944.97N/0802122.12W (5.11)
53 TREE (KFPRL011) 272953.97N/0802121.15W (4.77)
58 TREE (KFPRT0534) 272954.16N/0802119.22W (4.67)
67 TREE (KFPRT0575) 272953.98N/0802115.74W (4.45)
70 TREE (KFPRT0588) 272952.54N/0802114.61W (4.42)
55 TREE (KFPRT0516) 272951.81N/0802120.24W (4.31)
43 TREE (KFPRT0475) 272945.82N/0802124.78W (4.18)
69 TREE (KFPRT0582) 272952.90N/0802114.83W (4.01)
53 TREE (KFPRT0508) 272956.49N/0802120.79W (3.88)
54 TREE (KFPRT0515) 272952.08N/0802120.37W (3.66)
69 TREE (KFPRT0585) 272955.71N/0802114.61W (3.50)
35 RD (KFPRT0423) 272947.08N/0802127.42W (3.20)
27 FENCE (KFPRL002) 272953.56N/0802130.05W (2.32)
53 TREE (KFPRT0517) 272951.43N/0802120.18W (2.14)
35 RD (KFPRT0424) 272947.16N/0802126.99W (2.06)
67 TREE (KFPRL016) 272952.74N/0802114.83W (2.01)
77 TREE (KFPRT0632) 272958.49N/0802110.97W (1.94)
35 RD (KFPRT0425) 272947.17N/0802126.94W (1.93)
44 TREE (KFPRT0492) 272945.15N/0802123.52W (1.83)
35 RD (KFPRT0427) 272947.18N/0802126.89W (1.80)
71 TREE (KFPRT0605) 272954.24N/0802113.21W (1.76)
62 TREE (KFPRT0559) 272959.09N/0802116.56W (1.75)
35 RD (KFPRT0428) 272947.19N/0802126.84W (1.67)
CONT.

QUALITY CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
3. MISSED APPROACH	MAP:								
	ELEV:								

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.									
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL							
CATEGORY B	1.5 NM		450								
CATEGORY C	1.7 NM		450								
CATEGORY D	2.3 NM		550								
CATEGORY E	4.5 NM		550								

5. MINIMUM SAFE ALTITUDES

PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

QUALITY CHECKED

CITY AND STATE	ELEVATION: 23 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
FORT PIERCE, FL	ST LUCIE COUNTY INTL	RNAV	RNAV (GPS) RWY 28L, AMDT 1	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
SATISFACTORY ON:	☐ NWS ☐ FAA ☐ A/C OTHER:	SOURCE: DISTANCE: HOURS REMOTE OPERATION:
☐ VHF ☐ UHF ☐ HF	LOCATION:	ADJUSTMENT:

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

5. APPROACH & RUNWAY LIGHTING	
☐	**ALS**
☐	**(S) SALS**
☐	**MALS**
☐	**HIRL**
☐	**MIRL**
☐	**REIL**
☐	**TDZ**
☐	**C/LINE**
☐	**OTHER (SPECIFY)**

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	
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			
	☐	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	☐	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS:

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS:

CONTINUED.
35 RD (KFPRT0429) 272947.19N/0802126.78W (1.51)
63 TREE (KFPRL013) 272952.96N/0802116.14W (1.48)
35 RD (KFPRT0430) 272947.20N/0802126.73W (1.38)
35 RD (KFPRT0431) 272947.21N/0802126.68W (1.24)
62 TREE (KFPRT0563) 272951.12N/0802116.44W (1.23)
65 TREE (KFPRT0578) 272945.76N/0802115.34W (1.18)
35 RD (KFPRT0432) 272947.21N/0802126.63W (1.11)
52 TREE (KFPRT0519) 272944.17N/0802120.22W (1.06)
49 TREE (KFPRT0504) 272946.68N/0802121.32W (1.04)
52 TREE (KFPRT0521) 272951.18N/0802120.14W (1.03)
35 RD (KFPRT0434) 272947.22N/0802126.58W (0.98)
35 RD (KFPRT0435) 272947.22N/0802126.53W (0.85)
35 RD (KFPRT0436) 272947.22N/0802126.48W (0.71)
35 RD (KFPRT0437) 272947.23N/0802126.43W (0.58)
59 TREE (KFPRT0552) 272946.18N/0802117.36W (0.54)
68 TREE (KFPRT0594) 272957.28N/0802113.85W (0.53)
70 TREE (KFPRT0609) 272946.81N/0802113.05W (0.15)
57 TREE (KFPRT0520) 272958.88N/0802120.08W (6.06)

POLICY APPROVED USE OF AFS-420 MEMOS:
HARMONIZED FLIGHT INSTRUMENT PROCEDURE DESIGN CALCULATIONS.
REVISED PERFORMANCE BASED NAVIGATION (PBN) FLY-BY (FB) / RADIUS-TO-FIX (RF) TURN MAXIMUM BANK ANGLE LIMITS; OMNI-DIRECTIONAL TAILWIND REQUIREMENTS; AND MINIMUM INITIAL DEPARTURE LEG SEGMENT LENGTH DESIGN CRITERIA.

25 DEGREE ANGLE OF BANK UTILIZED FOR TURN AT VOYUT (IAF).
25 DEGREE ANGLE OF BANK UTILIZED FOR 90 DEGREE RADAR VECTOR TURN EVAL AT JUDUD (IAF).
25 DEGREE ANGLE OF BANK UTILIZED FOR MISSED APPROACH.

QUALITY 1 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: AWOTA **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 272454.35N/0803540.47W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

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		WP	187.37	007.37	R		4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-003912)	272201.19N/0803639.71W	367	1A

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 10R			KFPR	FORT PIERCE	FL (US)
IAP	RNAV (GPS) RWY 28L		1	KFPR	FORT PIERCE	FL (US)
IAP	RNAV (GPS) RWY 32		1	KFPR	FORT PIERCE	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
CHANGED HOLDING PATTERN 1 CRS FROM 004.37 TO 007.37.

DEVELOPED BY: **DATE:** 02/23/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY:
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: BRONG **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 272704.99N/0800937.12W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 28L			KFPR	FORT PIERCE	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
FIX MOVED 5.63NM SOUTH; FIX NAME RETAINED PER ATC OPERATIONAL REQUIREMENT.

DEVELOPED BY: **DATE:** 02/27/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY: KFPR ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: JUDUD **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 272047.46N/0801131.51W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 28L			KFPR	FORT PIERCE	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
FIX MOVED 7.33NM SOUTHWEST; FIX NAME RETAINED PER ATC OPERATIONAL REQUIREMENT.
FIX NO LONGER ON BR62V; DME REMOVED FROM FIX TYPE.
DELETED FAC 1.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 02/27/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY: KFPR ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: SESOC **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 272949.34N/0802100.34W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 28L			KFPR	FORT PIERCE	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 02/27/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY: KFPR ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: TEGUC **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 272918.08N/0801850.04W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 28L			KFPR	FORT PIERCE	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 02/27/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY: KFPR ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: TREASURE VORTAC **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 274042.33N/0802923.01W **TYPE:**

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	TREASURE	TRV	VORTAC	H							45000

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

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	N	TRV	VORTAC	348.00	168.00	L	1-1 1/2		2000	24000	4	19
2	N	TRV	VORTAC	348.00	168.00	R	1-1 1/2		2000	24000	4	19
3	NW	TRV	VORTAC	336.95	156.95	R		4	2000	6000	4	5
4	N		WP	351.09	171.09	L		8	13000	45000	12	31
5	NW	TRV	VORTAC	303.00	123.00	R	1		2000	6000	4	5
6	N		WP	348.10	168.10	L		10	10000	16000	15	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-002803)	274408.00N/0802726.00W	524	5D
2	200	TOWER (12-002803)	274408.00N/0802726.00W	524	5D
3	200	TOWER (12-002803)	274408.00N/0802726.00W	524	5D
4	230	TOWER (12-002803)	274408.00N/0802726.00W	524	5D
5	200	TOWER (12-003485)	274431.00N/0803923.00W	398	5D
6	230	TOWER (12-002803)	274408.00N/0802726.00W	524	5D

REASON FOR NONSTANDARD HOLDING:
PAT 4 AVOID ADJACENT AIRSPACE
PAT 6 ATC REQUEST
PAT 1 AVOID ADJACENT AIRSPACE

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRECIPITOUS TERRAIN EVAL COMPLETED.
PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER W-497B.
PAT 2 HOLDING ATC REQUEST.
PAT 5 ALTERNATE MISSED APPROACH HOLDING. (DO NOT CHART)

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	MELBOURNE			KMLB	MELBOURNE	FL (US)
DP	CITRUS			KMCO	ORLANDO	FL (US)
DP	ORLANDO			KMCO	ORLANDO	FL (US)
DP	MALRY			KORL	ORLANDO	FL (US)
DP	SOAPS			KORL	ORLANDO	FL (US)
DP	SANFORD			KSFB	ORLANDO	FL (US)
DP	PALM BEACH			KPBI	WEST PALM BEACH	FL (US)
EN ROUTE	BR62V					(US)
EN ROUTE	J45					(US)
EN ROUTE	J79					(US)
EN ROUTE	V159					(US)
EN ROUTE	V225					(US)
EN ROUTE	V295					(US)
EN ROUTE	V3					(US)
EN ROUTE	V51					(US)
EN ROUTE	V537					(US)
IAP	ILS OR LOC RWY 10R			KFPR	FORT PIERCE	FL (US)
IAP	NDB RWY 28L			KFPR	FORT PIERCE	FL (US)
IAP	NDB-A			KFPR	FORT PIERCE	FL (US)
IAP	RNAV (GPS) RWY 10R			KFPR	FORT PIERCE	FL (US)
IAP	RNAV (GPS) RWY 28L			KFPR	FORT PIERCE	FL (US)
IAP	VOR/DME RWY 14		3	KFPR	FORT PIERCE	FL (US)
IAP	ILS OR LOC RWY 09R			KMLB	MELBOURNE	FL (US)
IAP	LOC BC RWY 27L			KMLB	MELBOURNE	FL (US)
IAP	RNAV (GPS) RWY 09L			KMLB	MELBOURNE	FL (US)
IAP	RNAV (GPS) RWY 09R			KMLB	MELBOURNE	FL (US)
IAP	RNAV (GPS) RWY 27L			KMLB	MELBOURNE	FL (US)
IAP	RNAV (GPS) RWY 27R			KMLB	MELBOURNE	FL (US)
IAP	RNAV (GPS) RWY 14			KOBE	OKEECHOBEE	FL (US)
IAP	RNAV (GPS) RWY 23			KOBE	OKEECHOBEE	FL (US)
IAP	VOR RWY 11R			KVRB	VERO BEACH	FL (US)
IAP	VOR/DME RWY 29L		5	KVRB	VERO BEACH	FL (US)
STAR	CAYSL (RNAV)			KBCT	BOCA RATON	FL (US)

STAR	BLUFI		KFLL	FORT LAUDERDALE	FL (US)
STAR	FISEL (RNAV)		KFLL	FORT LAUDERDALE	FL (US)
STAR	GISSH		KFLL	FORT LAUDERDALE	FL (US)
STAR	ANNEY	1	KHST	HOMESTEAD	FL (US)
STAR	HILEY (RNAV)	6	KHST	HOMESTEAD	FL (US)
STAR	ANNEY	1	KX51	HOMESTEAD	FL (US)
STAR	HILEY (RNAV)	6	KX51	HOMESTEAD	FL (US)
STAR	FRWAY (RNAV)		K06FA	JUPITER	FL (US)
STAR	ANNEY	1	K07FA	KEY LARGO	FL (US)
STAR	HILEY (RNAV)	6	K07FA	KEY LARGO	FL (US)
STAR	ANNEY	1	KMIA	MIAMI	FL (US)
STAR	HILEY (RNAV)	6	KMIA	MIAMI	FL (US)
STAR	LONNI (RNAV)	4	KMIA	MIAMI	FL (US)
STAR	ANNEY	1	KTMB	MIAMI	FL (US)
STAR	HILEY (RNAV)	6	KTMB	MIAMI	FL (US)
STAR	BAIRN (RNAV)		KMCO	ORLANDO	FL (US)
STAR	CWRLD (RNAV)		KMCO	ORLANDO	FL (US)
STAR	GOOFY		KMCO	ORLANDO	FL (US)
STAR	FRWAY (RNAV)		KF45	WEST PALM BEACH	FL (US)
STAR	FRWAY (RNAV)		KPBI	WEST PALM BEACH	FL (US)
STAR	TUXXI		KPBI	WEST PALM BEACH	FL (US)

REQUIRED CHARTING: DP, STAR, MILITARY IAP, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
FIX NAME CHANGED FROM VERO BEACH VORTAC TO TREASURE VORTAC.
CHANGED HOLD PATTERN 3 MAX TEMPLATE FROM 16 TO 5; CHANGED LEG LENGTH FROM TIME TO DME.
CHANGED INBOUND COURSE TO PAT 1, 2, 3, 4, 5, 6, ADDED 3 DEGREES FOR MAGVAR CHANGE.

DEVELOPED BY: **DATE:** 03/16/2012 **OFFICE:** AJV-352 **NAME:** STEVE BRUMMETT

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY: VRB ATCT
OTHER: DAB APP CON/MLB TWR

QUALITY A CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: VOYUT **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 273305.03N/0800747.82W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 28L			KFPR	FORT PIERCE	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
FIX MOVED 5.05NM SOUTHEAST; FIX NAME RETAINED PER ATC OPERATIONAL REQUIREMENT.

DEVELOPED BY: **DATE:** 02/27/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY: KFPR ATCT
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: YADDU **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 272842.19N/0801620.61W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 28L			KFPR	FORT PIERCE	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
FIX MOVED 2.51NM SOUTH; FIX NAME RETAINED PER ATC OPERATIONAL REQUIREMENT.

DEVELOPED BY: **DATE:** 02/27/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY: KFPR ATCT
OTHER:

QUALITY CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **FORT PIERCE** STATE: **FL**

AIRPORT NAME: **ST LUCIE COUNTY INTL** ID: **KFPR**

PROCEDURE: **RNAV (GPS) RWY 28L** AMDT: **1**

DOCKET # :
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **FTP**** to 1000' point **2.89**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **285.08**
4. High Terrain in **FINAL** segment containing 1000' point **14**
5. Distance from **MAP*** to 1500' point **4.09**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.50**
7. True Course of **FINAL** segment containing 1500' point **285.08**
8. High Terrain in **FINAL** segment containing 1500' point **14**
9. Threshold Coordinates (if straight-in) ... **272949.59N** / **0082133.66W**
10. ARP Coordinates ..... **272950.90N** / **0802221.50W**
11. Runway Approach End and distance furthest from ARP.....RWY **10L**
    Distance **1.07** NM
12. FAF Coordinates ..... **272842.19N** / **0801620.61W**
    (Click to Select)

REMARKS: Approach/Drawing attached.
*LNAV MAP (SESOC): 272949.34N/0802100.34W
**LNAV/VNAV FTP: 272956.81N/0802131.49W

Federal Aviation Administration

Memorandum

Date:

To: Dick Powell Manager, National Flight Data Center, AJV-21

From: Darryel Adams, Manager, Terminal Procedures & Charting Services, Eastern Team, AJV-352

Subject: **ACTION:** Magnetic Variation Change

The Magnetic Variation (MV) data for the airport(s) and/or facility(s) listed under the 'Airport/Facility" column will be revised effective concurrent with the publication of the procedure(s) listed below.

ILS OR LOC RWY 10R AMDT 3
NDB-A AMDT 1
NDB RWY 28L AMDT 2
RNAV (GPS) RWY 19R AMDT 1
RNAV (GPS) RWY 14 AMDT 1
RNAV (GPS) RWY 28L AMDT 1
RNAV (GPS) RWY 32 AMDT 1
VOR/DME RWY 14 AMDT 9

Estimated Chart Date: 09/20/2012

Runway Numbers are not affected

Please publish these changes in the National Flight Data Digest.

FLORIDA

Location	Name	Airport /Facility	Identifier	Assigned Magnetic Variation Value	Epoch Year
FORT PIERCE	ST LUCIE COUNTY INTL	Airport	KFPR / FPR	Old 4 ° WEST New 7 ° WEST	2015
FORT PIERCE	FORT PIERCE	NDB/H	FPR	Old 4 ° WEST New 7 ° WEST	2015
FORT PIERCE		ILS	FJD	Old 4 ° WEST New 7 ° WEST	2015

If you have any questions please notify Darryel Adams (301-427-4824).

RADIO FIX AND HOLDING DATA RECORD

NAME: WEBKU **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 272904.30N/0802449.60W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 28L			KFPR	FORT PIERCE	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 06/30/2011

REASON FOR REVISION:
DELETED FAC 1.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 12/20/2010 **OFFICE:** AVN-110 **NAME:** DONALD SMITH (SEAN BARBEE)

APPROVED BY: **DATE:** **OFFICE:** AVN-110 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY: FPR ATCT
OTHER: