Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 05/04/2010	Task #: 2008041414764705004	Request #: 20080414147647
Procedure: RNAV (GPS) RWY 10 R 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: LPV	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 PT

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

pg 1 of 8

FORT PIERCE, FL ST LUCIE COUNTY INTL (KFPR) RNAV (GPS) RWY 10R, AMDT 1 (LPV) ENROUTE-YES FC: 7.24.12 PUB: 9.20.12

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): ANGEE-INT, REV 9; AWOTA, REV 3; SHEDS-INT, REV 12; SIVYO-INT, REV 2; TIKIY-INT, REV 3; TREASURE (TRV) VTAC, REV 16; ZAHZA-INT, REV 3; (INFO ONLY) MIMBE, REV 2.

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

RNAV (GPS) RWY 10R

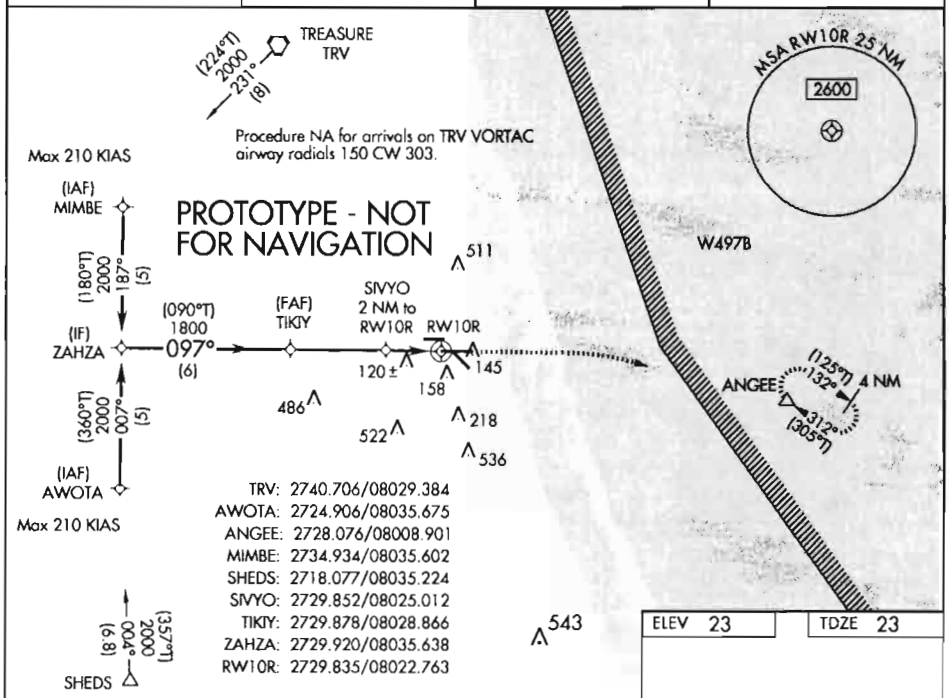
FORT PIERCE/ ST. LUCIE COUNTY INTL(FPR)

WAAS	APP CRS	Rwy Idg	6492
CH 69529	097°	THRE	23
W10A		Apt Elev	23

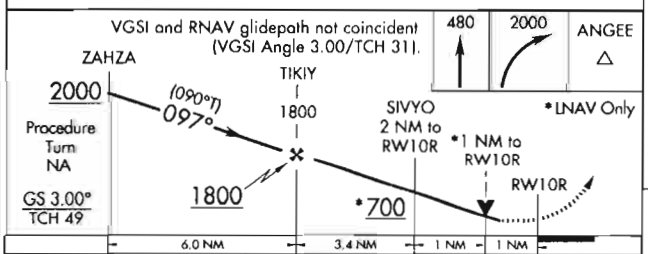
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15C° (5F°) or above 43C° (109F°). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Vero Beach altimeter setting and increase LPV DA all Cats to 296, LNAV/VNAV DA all Cats to 446, and all MDA 40 feet; increase LPV all Cats and LNAV Cats C/D visibility ⅛ mile. Baro-VNAV and VDP NA when using Vero Beach altimeter setting.

MISSED APPROACH: Climb to 480 then climbing right turn to 2000 direct ANGEE and hold, continue climb-in-hold to 2000.

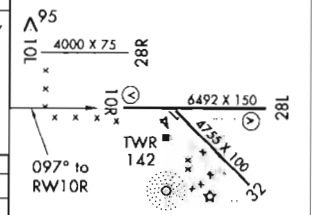
ATIS	MIAMI CENTER	FORT PIERCE TOWER*	GND CON
134.825	132.25 370.9	128.2 (CTAF)	119.55



ELEV 23	TDZE 23

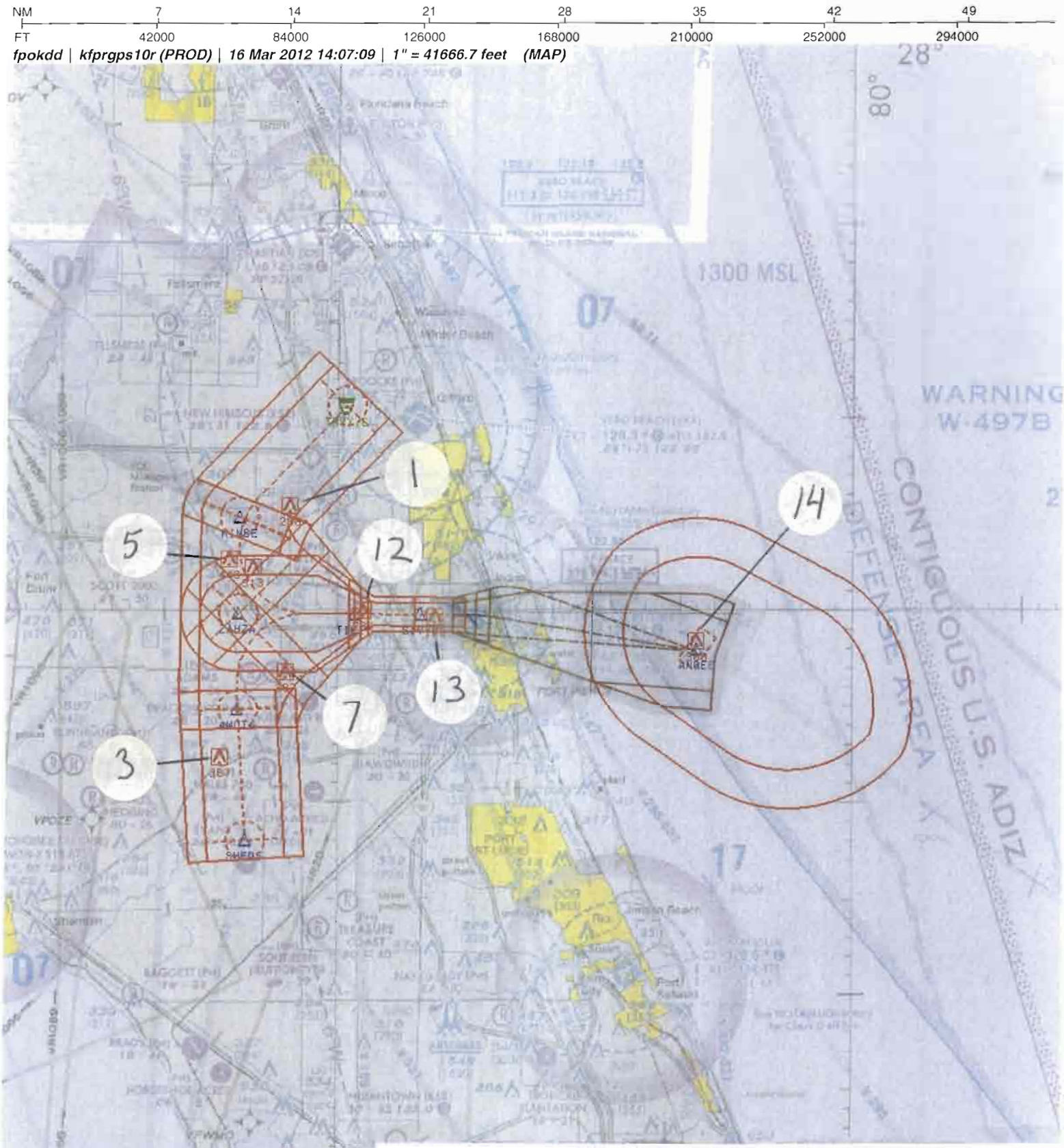


CATEGORY	A	B	C	D
LPV DA		273-¾	250 (300-¾)	
LNAV/VNAV DA		423-1⅜	400 (400-1⅜)	
LNAV MDA		380-1	357 (400-1)	
CIRCLING	460-1 437 (500-1)	480-1 457 (500-1)	480-1½ 457 (500-1½)	580-2 557 (600-2)

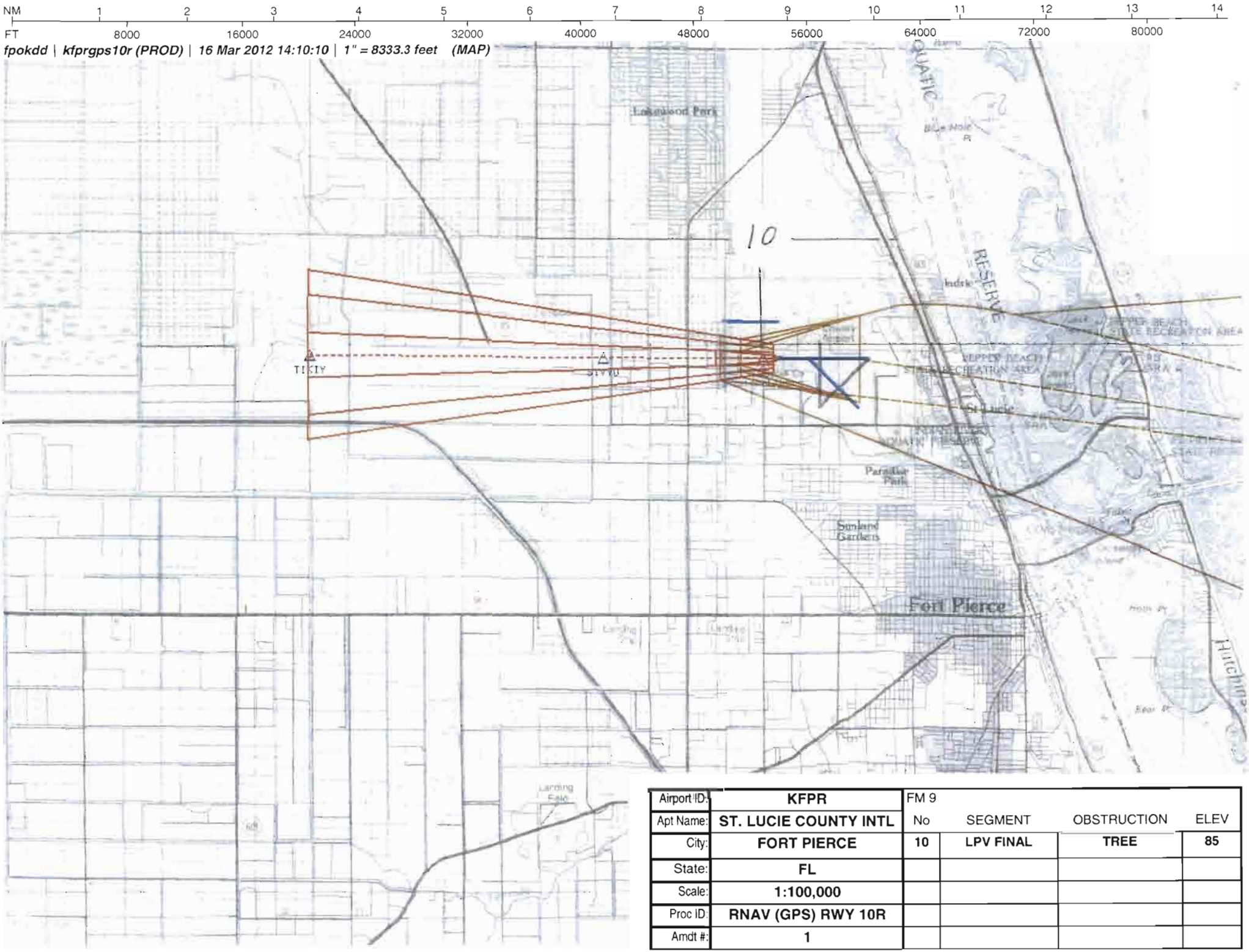


REIL Rwy 10R
MIRL Rwys 10L-28R, 10R-28L, and 14-32

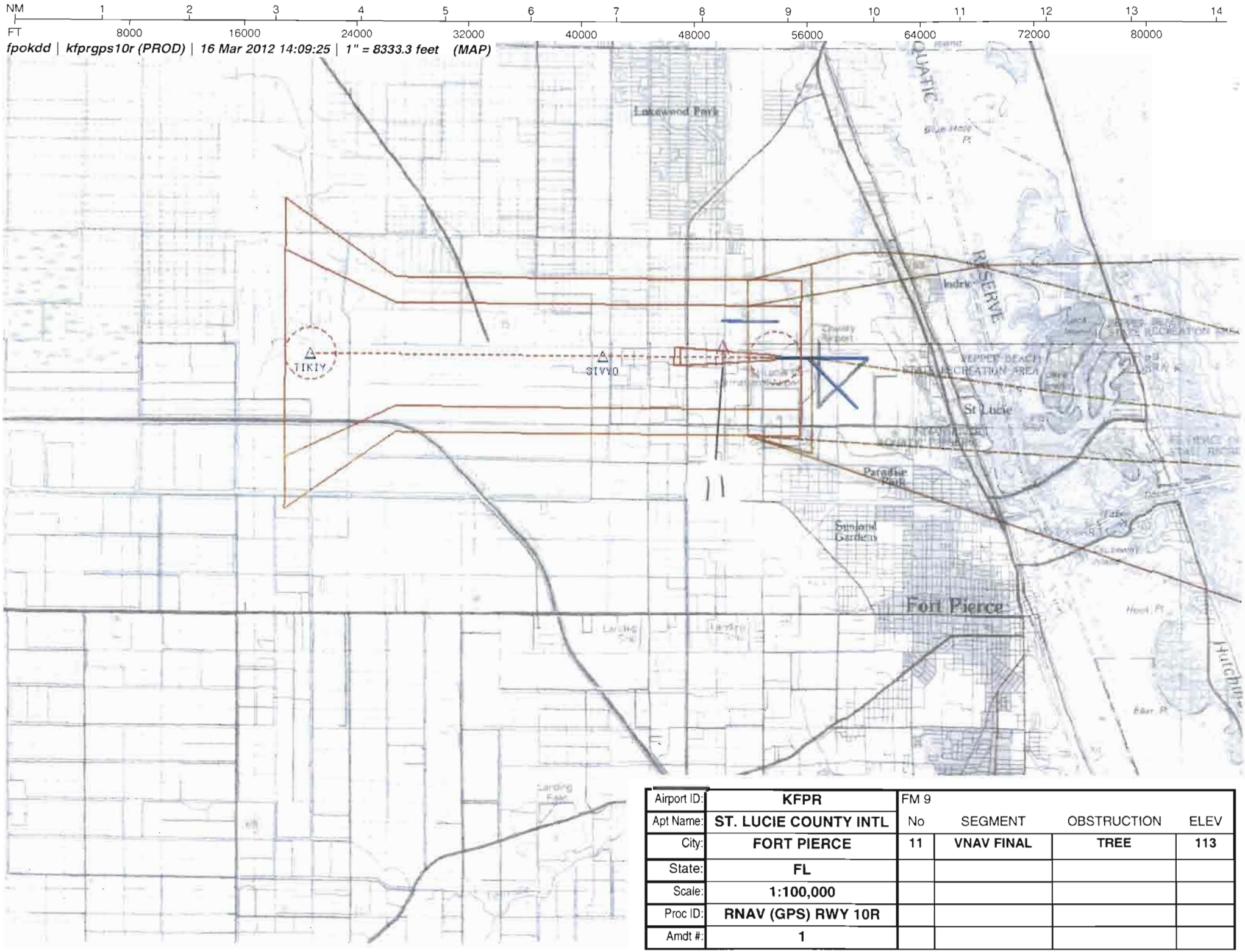
FORT PIERCE/ ST. LUCIE COUNTY INTL(FPR)
27°30'N-80°22'W
RNAV (GPS) RWY 10R



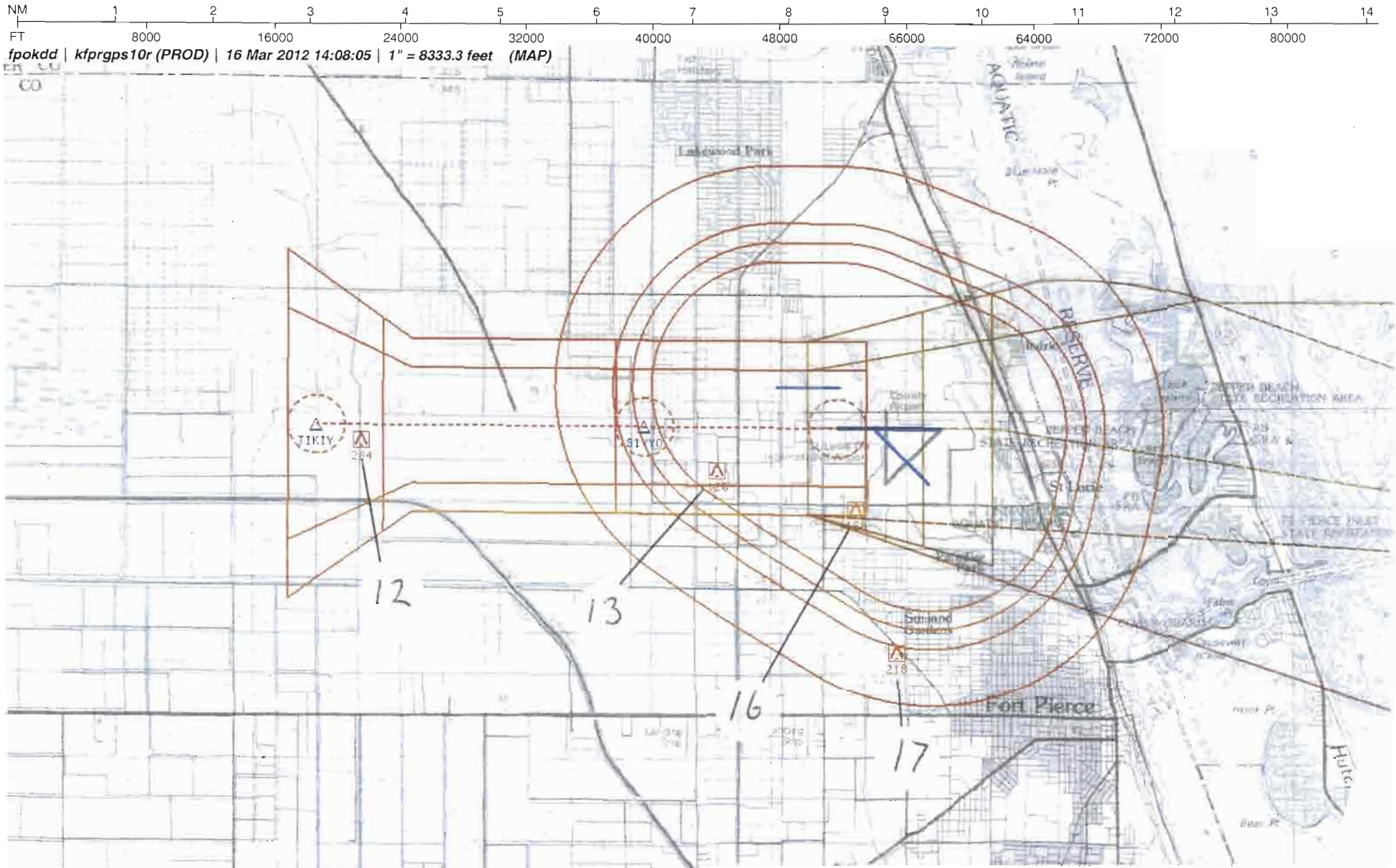
Airport ID:	KFPR	FM 9			
Apt Name:	ST. LUCIE COUNTY INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	FORT PIERCE	1	TRV FEEDER	TOWER	288
State:	FL	3	SHEDS FEEDER	TOWER	367
Scale:	1:500,000	5	MIMBE INITIAL	TOWER	443
Proc ID:	RNAV (GPS) RWY 10R	7	AWOTA INITIAL / INTERM	TOWER	337
Amdt #:	1	12	LNAV FINAL	AAO	234
		13	LNAV FINAL S/D	TREE	120
		14	MA LVL SFC / MA HOLDING	SHIP	300



Airport ID:	KFPR	FM 9			
Apt Name:	ST. LUCIE COUNTY INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	FORT PIERCE	10	LPV FINAL	TREE	85
State:	FL				
Scale:	1:100,000				
Proc ID:	RNAV (GPS) RWY 10R				
Amdt #:	1				



Airport ID:	KFPR	FM 9			
Apt Name:	ST. LUCIE COUNTY INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	FORT PIERCE	11	VNAV FINAL	TREE	113
State:	FL				
Scale:	1:100,000				
Proc ID:	RNAV (GPS) RWY 10R				
Amdt #:	1				



Airport ID:	KFPR	FM 9			
Apt Name:	ST. LUCIE COUNTY INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	FORT PIERCE	12	LNAV FINAL	AAO	234
State:	FL	13	LNAV FINAL S/D	TREE	120
Scale:	1:100,000	16	CIRC CAT A-C	POLE	158
Proc ID:	RNAV (GPS) RWY 10R	17	CIRC CAT D	TOWER	218
Amdt #:	1				

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	MIMBE (FB)	230.84 / 7.98	2000
SHEDS	AWOTA (FB)	003.63 / 6.82	2000
MIMBE (IAF)	ZAHZA (FB)	187.37 / 5.00	2000
AWOTA (IAF)	ZAHZA (FB)	007.37 / 5.00	2000
ZAHZA (IF)	TIKIY (FB)	097.37 / 6.02	1800
TIKIY (FAF)	SIVYO/2.00 NM TO RW10R (FB)	097.42 / 3.43	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW10R

CLIMB TO 480 THEN CLIMBING RIGHT TURN TO 2000 DIRECT ANGEE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ZAHZA
3. FAC: 097.42 FAF: TIKIY DIST FAF TO MAP: 5.43 THLD: 5.43
4. MIN. ALT: ZAHZA 2000, TIKIY 1800, SIVYO/2.00 NM TO RW10R 700*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1800 GS ALT AT: TIKIY 1800 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 48.6 34:1 IS CLEAR
8. MSA FROM: RW10R 2600

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 311.60 INBOUND.
CHART FAS OBST: 120 TREE 272919N/0802410W
CHART W497B.
DISTANCE TO THLD FROM 250 HATH: 0.63 NM.
CHART VDP AT 0.96 MILES TO RW10R*
*LNAV ONLY.
WAAS CHANNEL # 69529
REFERENCE PATH ID: W10A
LTP HAE: -20.5 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	273	3/4	250	273	3/4	250	273	3/4	250	273	3/4	250			
LNAV/VNAV DA	423	1 3/8	400	423	1 3/8	400	423	1 3/8	400	423	1 3/8	400			
LNAV MDA	380	1	357	380	1	357	380	1	357	380	1	357			
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).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE AT MIMBE : MAX 210 KIAS.
CHART PLANVIEW NOTE AT AWOTA : MAX 210 KIAS.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 23 THRE: 23 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
FORT PIERCE, FL	ST LUCIE COUNTY INTL	RNAV	RNAV (GPS) RWY 10R, 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**	**02/24/2012**

APPROVED BY

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

CHANGES:

1. VRB VORTAC IDENTIFIER CHANGED TO TRV VORTAC.
2. ALL COURSES CHANGED BY 3 DEGREES.
3. PFAF MOVED (SEE TICKIY -2); DIST TO MAP/THLD CHANGED FROM 5.34 TO 5.43.
4. SIVYO STEPDOWN FIX MOVED FROM 3 TO 2 NM TO RW10R; STEPDOWN ALTITUDE CHANGED FROM 1020 TO 700.
5. MISSED APPROACH CHANGED REMOVING VOCDU DF/TF SEGMENT, ADDED DF TO ANGEE SEGMENT, AND PROVIDED A CLIMB TO ALTITUDE OF 480.
6. ADDED LPV AND LNAV/VNAV MINIMUMS.
7. LOWERED LNAV MDA FROM 440 TO 380.
8. LOWERED LNAV CATS C/D VISIBILITY FROM 1 1/4 TO 1.
9. DELETED CIRCLING TO RWY 28R NA AT NIGHT NOTE.
10. UPDATED ALTIMETER SETTING ADJUSTMENT NOTE.
11. ADDED 210 AIRSPEED RESTRICTION AT IAF'S.
12. LOWERED CIRCLING CAT A MDA FROM 480 TO 460.
13. VDA/TCH CHANGED FROM 3.04/52 TO 3.00/49.
14. ADDED VGSI NOT COINCIDENT NOTE.
SEE 8260-10

REASONS:

1. FPT REQUESTED.
2. MAG/VAR CHANGE.
3. BARO-VNAV PFAF FORMULA UTILIZED.
4. MATCH ILS PROCEDURE - MOVING IT ALLOWED FOR A STEPDOWN FIX TO BE UTILIZED ON THE ILS PROCEDURE.
5. FPT REQUESTED.
6. FPT REQUESTED.
7. CONTROLLING OBSTACLE.
8. CORRESPOND WITH LOWERING MINS.
9. 20:1 PENETRATION NO LONGER EXISTS.
10. CORRESPOND WITH NEW MINIMUMS.
11. FPT REQUESTED.
12. CONTROLLING OBSTACLE.
13. MATCH ILS PROCEDURE.
14. MORE THAN 3' DIFFERENCE.
SEE 8260-10

QUALITY CHECKED 4

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SIVYO/2.00 NM TO RW10R	RW10R (MAP) (FO)	097.45 / 2.00	
RW10R (MAP)	480 MSL	097.45	480
480 MSL	ANGEE (FO)		2000

NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON TRV VORTAC AIRWAY RADIALS 150 CW 303.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
*LNAV ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE VERO BEACH ALTIMETER SETTING AND INCREASE LPV DA ALL CATS TO 296, LNAV/VNAV DA ALL CATS TO 446, AND ALL MDA 40 FEET; INCREASE LPV ALL CATS AND LNAV CATS C/D VISIBILITY 1/8 MILE.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING VERO BEACH ALTIMETER SETTING.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 23 THRE: 23 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FORT PIERCE, FL	ST LUCIE COUNTY INTL	RNAV	RNAV (GPS) RWY 10R, 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. VDP MOVED FROM 1.2 NM TO 1 NM TO THRESHOLD. 16. UPDATED PROCEDURE NA NOTE.

REASONS:

REASONS CONT.
15. ADJUSTED DUE TO VDA/TCH CHANGE AND NOT USING VGSI.
16. MATCH TRV VORTAC CHANGE AND RADIALS CHANGING DUE TO MAG/VAR UPDATE; ENSURE TURNS DON'T EXCEED 90 DEGREES.

EFFECTIVE CONCURRENT WITH: KFPR ILS OR LOC RWY 10R, AMDT 3

QUALITY 4 CHECKED

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFPR
RUNWAY	RW10R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	272950.1160N
LTP/FTP LONGITUDE	0802245.7540W
LTP/FTP ELLIPSOIDAL HEIGHT	-00205
FPAP LATITUDE	272949.3800N
FPAP LONGITUDE	0802105.5600W
THRESHOLD CROSSING HEIGHT (TCH)	00048.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0768
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	A0E654B2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00070
FPAP ORTHOMETRIC HEIGHT	+00070

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 23 THRE: 23	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FORT PIERCE, FL	AIRPORT NAME: ST LUCIE COUNTY INTL	RNAV	RNAV (GPS) RWY 10R, 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:

REASONS:

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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
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ANGEE K70    C   B N27280457W080085406                    W0065     NAR          ANGEE
        SUSAEAENRT   AWOTA K70    W     N27245435W080354047                    W0062     NAR          AWOTA
        SUSAEAENRT   MIMBE K70    W     N27345601W080353611                    W0062     NAR          MIMBE
        SUSAEAENRT   SHEDS K70    C   L N27180461W080351345                    W0062     NAR          SHEDS
        SUSAEAENRT   SIVYO K70    C     N27295109W080250069                    W0063     NAR          SIVYO
        SUSAEAENRT   TIKIY K70    C     N27295266W080285194                    W0063     NAR          TIKIY
        SUSAEAENRT   ZAHZA K70    C     N27295518W080353829                    W0062     NAR          ZAHZA

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFPRK7AFPR     0     064YHN27295090W080222150W007000023         1800018000C    MNAR    ST LUCIE COUNTY INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFPRK7FR10R  ASHEDS 010SHEDSK7EA0E       IF                                          18000                A JS
        SUSAP KFPRK7FR10R  ASHEDS 020AWOTAK7EA0E  A 020TF                    00360068    + 02000          210              A-JS
        SUSAP KFPRK7FR10R  ASHEDS 030ZAHZAK7EA0EE B 010TF                    00740050    + 02000                           A JS
        SUSAP KFPRK7FR10R  ATRV   010TRV  K7D 0V       IF                                          18000                A JS
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        SUSAP KFPRK7FR10R  ATRV   030ZAHZAK7EA0EE B 010TF                    18740050    + 02000                           A JS
        SUSAP KFPRK7FR10R  R      010ZAHZAK7EA0E  I    IF                                + 02000     18000                A JS
        SUSAP KFPRK7FR10R  R      020TIKIYK7EA1E  F 051TF                    09740060    + 01800                RW10R K7PGA JS
        SUSAP KFPRK7FR10R  R      020TIKIYK7EA2WALPV       ALNAV/VNAV ALNAV                                                JS
        SUSAP KFPRK7FR10R  R      021SIVYOK7EA0E S  031TF                    09740034    V 0070000708        -300         A JS
        SUSAP KFPRK7FR10R  R      030RW10RK7PG0GY M 031TF                    09750020      00072             -300         A JS
        SUSAP KFPRK7FR10R  R      040         0  M     CA                    0975        + 00480                           A JS
        SUSAP KFPRK7FR10R  R      050ANGEEK7EA0EY  R   DF                                + 02000                           A JS
        SUSAP KFPRK7FR10R  R      060ANGEEK7EA0EE  R   HM                    31160040    + 02000                           A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFPRK7GRW10R   0064920975 N27295012W080224575+0000    -00205000230000049150I
```

CITY AND STATE	ELEVATION: **23** **THRE: 23**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FORT PIERCE, FL	AIRPORT NAME: **ST LUCIE COUNTY INTL**	**RNAV**	**RNAV (GPS) RWY 10R, 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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```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
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        ------------------------------------------------------------------------------------------------------------------------------------
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        SUSAP KFPRK7PR10R  RW10R002E      +00070+00070LPV       69529

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFPRK7SRW10RK7PG              0   18018002625                                                                          M
```

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: **23** THRE: **23**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FORT PIERCE, FL	AIRPORT NAME: **ST LUCIE COUNTY INTL**	**RNAV**	**RNAV (GPS) RWY 10R, 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**

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
	SHEDS	SHEDS	010		IF		FB					
	SHEDS	AWOTA	020	IAF	TF		FB	2.0	003.6(356.6T)	006.8	AA 02000	AB 210
	SHEDS	ZAHZA	030		TF		FB	1.0	007.4(000.4T)	005.0	AA 02000	
	TRV	TRV	010		IF		FB					
	TRV	MIMBE	020	IAF	TF		FB	2.0	230.8(223.8T)	008.0	AA 02000	AB 210
	TRV	ZAHZA	030		TF		FB	1.0	187.4(180.4T)	005.0	AA 02000	
		ZAHZA	010	FACF	IF		FB				AA 02000	
		TIKIY	020	FAF	TF		FB	0.5	097.4(090.4T)	006.0	AA 01800	
		SIVYO	021	SDF	TF		FB	0.3	097.4(090.4T)	003.4	AA 00700 GS 00708	
		RW10R	030	MAP	TF		FO	0.3	097.5(090.5T)	002.0	AT 00072	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		097.5(090.5T)		AA 00480	
	ANGEE	050		DF	R	FO				AA 02000	
	ANGEE	060		HM	R	FO		311.6(304.6T)	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
	ANGEE	N272804.57	W0800854.06	N2728.076	W08008.901
	AWOTA	N272454.35	W0803540.47	N2724.906	W08035.675
	MIMBE	N273456.01	W0803536.11	N2734.934	W08035.602
	SHEDS	N271804.61	W0803513.45	N2718.077	W08035.224
	SIVYO	N272951.09	W0802500.69	N2729.852	W08025.012
	TIKIY	N272952.66	W0802851.94	N2729.878	W08028.866
	ZAHZA	N272955.18	W0803538.29	N2729.920	W08035.638
	RW10R	N272950.12	W0802245.75	N2729.835	W08022.763

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW10R	00023	49

CITY AND STATE	ELEVATION: **23** THRE: **23**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FORT PIERCE, FL	AIRPORT NAME: **ST LUCIE COUNTY INTL**	**RNAV**	**RNAV (GPS) RWY 10R, 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	MIMBE	1. TOWER (12-003496)	273505.42N/0803240.20W	288 (1A)	1000	AT712	2000
			2. TERRAIN	273819.00N/0803111.00W	34 (0)		AS1500	1500
FEEDER	SHEDS	AWOTA	3. TOWER (12-003912)	272201.19N/0803639.71W	367 (1A)	1000	AT633	2000
			4. TERRAIN	272138.00N/0803738.00W	30 (0)		AS1500	1500
INITIAL	MIMBE	ZAHZA	5. TOWER (12-003866)	273221.53N/0803610.28W	443 (1A)	1000	AT557	2000
			6. TERRAIN	273539.00N/0803742.00W	27 (0)		AS1500	1500
INITIAL	AWOTA	ZAHZA	7. TOWER (12-002845)	272626.79N/0803251.31W	337 (2C)	1000	AT663	2000
			8. TERRAIN	273118.00N/0803715.00W	27 (0)		AS1500	1500
INTERMEDIATE	ZAHZA	TIKIY	7. TOWER (12-002845)	272626.79N/0803251.31W	337 (2C)	500	AT963	1800
			9. TERRAIN	273312.00N/0803154.00W	27 (0)		AS1500	1500
FINAL: LPV	TIKIY	RW10R	10. TREE (KFPRT0308)	272944.29N/0802255.27W	85 (1A)	34:1		273/250
FINAL: LNAV/VNAV	TIKIY	RW10R	11. TREE (KFPRT0351)	272952.38N/0802326.72W	113 (1A)	PDA		423/400
FINAL: LNAV	TIKIY	SIVYO/2.00 NM TO RW10R	12. AAO	272937.93N/0802819.68W	234 (2C)	250	DG193 RA23	700
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	DA / DA / RW10R	ANGEE				ASC		2000
			14. SHIP	272804.57N/0800854.06W	300 (2C)	1000		1300
ELEV:	86/262/280		15. TERRAIN	272950.12N/0802245.75W	24 (0)		AS1500	1500
16. POLE (12-020304)	272854.17N/0802232.68W	158 (1A)	300					460
16. POLE (12-020304)	272854.17N/0802232.68W	158 (1A)	300	HAA				480
16. POLE (12-020304)	272854.17N/0802232.68W	158 (1A)	300	HAA				480
17. TOWER (12-000118)	272725.00N/0802205.00W	218 (5D)	300	AC50				580

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
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	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW10R

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (12-001525)	185/ 22.4	1549 (5D)	2600					

CITY AND STATE	ELEVATION: 23 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
FORT PIERCE, FL	ST LUCIE COUNTY INTL	RNAV	RNAV (GPS) RWY 10R, AMDT 1	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
ZMA ARTCC FPR TOWER	NWS	OTHER: ASOS	SOURCE: KFPR / KVRB
	FAA		DISTANCE: 0 / 9.76
	A/C		HOURS REMOTE OPERATION: 0 / 24
SATISFACTORY ON:			
X VHF X UHF HF	LOCATION:		ADJUSTMENT: 0 / 23

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: 23.0
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 48.6

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

10. WAIVERS: **NONE**

PART D - PREPARED BY:	DATE:
KELLY DEAN	02/24/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VGSI DATA: 3.00/52.2

SEE ATTACHED AIRSPACE LETTER.

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

TAA NOT DEVELOPED PER FPT.
ISA DEVIATION = -30 (NO HISTORICAL DATA AVAILABLE)

25 DEGREE BANK ANGLE UTILIZED FOR TURN AT MIMBE (IAF).

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.

VEGETATION 100 FT 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 MAP CL AND OUTWARD ARE 300 FT PER OSG (GARY RAYMOND).

QUALITY
4

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FINAL: LNAV STEPDOWN	**SIVYO/2.00 NM TO**	**RW10R**	**13. TREE (KFPRT0372)**	**272918.93N/0802409.80W**	**120 (1A)**	**250**		**380**
	RW10R							
3. MISSED APPROACH MAP:								
3. MISSED APPROACH								
3. MISSED APPROACH 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
									4

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
FORT PIERCE, FL	**ELEVATION: 23** AIRPORT NAME: **ST LUCIE COUNTY INTL**	**RNAV**	**RNAV (GPS) RWY 10R, AMDT 1**	**ASO**

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
SATISFACTORY ON:	☐ NWS	OTHER:	SOURCE:
	☐ FAA		DISTANCE:
	☐ A/C		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:

RADIO FIX AND HOLDING DATA RECORD

NAME: ANGEE **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 272804.57N/0800854.06W **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	TREASURE	TRV	VORTAC	H	131.60	124.60	22.13	22.13		2000	45000
2	PAHOKEE	PHK	VORTAC	H	035.22	035.22		50.26		2000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
PHK	VORTAC	R-035	51	2000	14600

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	SE	TRV	VORTAC	131.60	311.60	R	1		2000	6000	5	7
2	SE		WP	131.60	311.60	R		4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	SHIP	272804.57N/0800854.06W	300	2C
2	200	SHIP	272804.57N/0800854.06W	300	2C
2	310	SHIP	272804.57N/0800854.06W	300	2C

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	RNAV (GPS) RWY 10R	KFPR	FORT PIERCE	FL (US)

REMARKS:
TREASURE (FAC 1) AND PAHOKEE (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	BR62V	1, 2				(US)
EN ROUTE	V492	1, 2				(US)
IAP	ILS OR LOC RWY 10R	1, 2	1	KFPR	FORT PIERCE	FL (US)
IAP	NDB RWY 28L	1, 2		KFPR	FORT PIERCE	FL (US)
IAP	NDB-A	1, 2		KFPR	FORT PIERCE	FL (US)
IAP	RNAV (GPS) RWY 10R		2	KFPR	FORT PIERCE	FL (US)
IAP	RNAV (GPS) RWY 14		2	KFPR	FORT PIERCE	FL (US)
IAP	RNAV (GPS) RWY 32			KFPR	FORT PIERCE	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
FAC 1 NAME/IDENT CHANGED FROM VERO BEACH/VRB TO TRESURE/TRV; MAG BRG CHANGED FROM 128.6 TO 131.6.
UDATED HOLDING PATTERN 1 IDENT FROM VRB TO TRV; CRS CHANGED TO MATCH FAC 1.
UPDATED HOLDING PATTER 2 CRS TO MATCH PATTERNS.
ADDED 310 OBSTACLE EVAL FOR HOLDING PATTERN 2.
UPDATED HOLDING CONTROLLING OBSTACLES.

DEVELOPED BY: **DATE:** 02/22/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

SIGNATURE:

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

QUALITY A 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:

QUALITY A CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SHEDS **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 271804.61N/0803513.45W **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	TREASURE	TRV	VORTAC	H	199.99	192.99	23.16	23.16		2000	17500
2	PALM BEACH	PBI	VORTAC	H	327.29	324.29	45.84	45.84		3000	17500
3	PAHOKEE	PHK	VORTAC	H	010.19	010.19	31.52	31.52		2000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
PBI	VORTAC	R-327	46	3000	14600

FIX RESTRICTIONS:
MRA V51 3000

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

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	230	TOWER (12-001525)	270721.00N/0802320.00W	1549	5D

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED ON AIRWAY RADIALS AT OR ABOVE 3000 MSL.

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SNDLR (RNAV)			KSUA	STUART	FL (US)
DP	TBIRD (RNAV)			KPBI	WEST PALM BEACH	FL (US)
EN ROUTE	V51	1, 2, 3				(US)
EN ROUTE	V531	1, 2, 3				(US)
IAP	RNAV (GPS) RWY 10R			KFPR	FORT PIERCE	FL (US)
IAP	RNAV (GPS) RWY 32			KOBE	OKEECHOBEE	FL (US)
IAP	GPS RWY 12			KSUA	STUART	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
CORRECT ESV DATA FOR PBI VORTAC; MAX ALTITUDE CHANGED FROM 17500 TO 14600.

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: PBI ATCT, FPR ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: SIVYO **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 272951.09N/0802500.69W **TYPE:** WP, 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	FORT PIERCE	I-FJD	LOC/DME		277.47	270.47	3.23	3.24		460	4500

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

REMARKS:
FORT PIERCE (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 10R	1		KFPR	FORT PIERCE	FL (US)
IAP	RNAV (GPS) RWY 10R			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 1NM EAST, FIX NAME RETAINED PER ATC OPERATIONAL REQUIREMENT.
DME TO FIX TYPE.
ADDED FAC 1.
UPDATED FIX USE AND REMARKS.

DEVELOPED BY: **DATE:** 02/22/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TIKIY **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 272952.66N/0802851.94W **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	FORT PIERCE	I-FJD	LOC/DME		277.47	270.47	6.66	6.66	32978	1800	4500
2	TREASURE	TRV	VORTAC	H	184.56	177.56		10.81		1800	17500

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

REMARKS:
FORT PIERCE (FAC 1) AND TREASURE (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 10R	1, 2		KFPR	FORT PIERCE	FL (US)
IAP	RNAV (GPS) RWY 10R			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:
FIX MOVED 549FT WEST.
ADDED INT AND DME TO FIX TYPE.
ADDED FAC 1 AND FAC 2.
UPDATED FIX USE AND REMARKS.

DEVELOPED BY: **DATE:** 02/22/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY: FPR 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)

QUALITY A CHECKED

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

RADIO FIX AND HOLDING DATA RECORD

NAME: ZAHZA **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 272955.18N/0803538.29W **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	FORT PIERCE	I-FJD	LOC/DME		277.47	270.47	12.68	12.69		2000	4500
2	TREASURE	TRV	VORTAC	H	214.35	207.35	12.11	12.11		2000	17500
3	FORT PIERCE	FPR	NDB	H	100.42	093.42		11.80		2000	17500

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

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	W	I-FJD	LOC/DME	277.47	097.47	R	1		2000	4500	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-001384)	272928.00N/0804622.00W	478	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
FORT PIERCE (FAC 1) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 10R	1, 2, 3	1	KFPR	FORT PIERCE	FL (US)
IAP	RNAV (GPS) RWY 10R			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:
ADDED INT AND DME TO FIX TYPE.
ADDED FAC 1 AND FAC 2.
ADDED HOLDING PATTERN 1.
UPDATED FIX USE AND REMARKS.

DEVELOPED BY: **DATE:** 02/22/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

SIGNATURE:

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

QUALITY 4 CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: MIMBE **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 273456.01N/0803536.11W **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 10R			KFPR	FORT PIERCE	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 06/30/2011

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

DEVELOPED BY: **DATE:** 12/16/2010 **OFFICE:** AVN-110 **NAME:** DONALD SMITH (SEAN BARBEE)

APPROVED BY: **DATE:** 04/11/2011 **OFFICE:** AVN-110 **NAME:** DARRYEL ADAMS

SIGNATURE:

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

QUALITY 4 CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

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

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

PROCEDURE: **RNAV (GPS) RWY 10R** 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 **THLD** to 1000' point **2.92**
   (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 **90.42**
4. High Terrain in **FINAL** segment containing 1000' point **34**
5. Distance from **THLD** to 1500' point **4.83**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.76**
7. True Course of **FINAL** segment containing 1500' point **90.42**
8. High Terrain in **FINAL** segment containing 1500' point **34**
9. Threshold Coordinates (if straight-in) ... **272950.12N** / **0802245.75W**
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 ..... **272952.66N** / **0802851.94W**
    (Click to Select)

REMARKS: Approach/Drawing attached.

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: VOCDU **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 272947.48N/0801701.66W **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 10R			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:** 12/16/2010 **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:

CANCELLED