Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 12/07/2011	Task #: 2009091423769401005	Request #: 20090914237694
Procedure: RNAV (GPS) RWY 13 AMDT 2		Airport ID: KFHB	Airport: FERNANDINA BEACH MUNI		Reimbursable #:
City: FERNANDINA BEACH ST: FL		GPS #:		Estimated Chart Date: 01/10/2013	FICO #:
Fac ID: **Fac. Type:** LPV			Specialist: BRIAN SHAFFER		

Procedure Review

P2

	Rec'd	Rel'd	Full Name	Comments
Lead:	03/29/2012	08/13/2012	MARLON ROBINSON	
QA:	08/13/2012	08/17/2012	STEVEN SZUKALA	
Liaison:	08/17/2012		Spurlin	

Procedure Comments:

Remark Type: INFORMATION

Pkg 1 of 3

FERNANDINA BEACH, FL FERNANDINA BEACH MUNI (KFHB) RNAV (GPS) RWY 13, AMDT 2 (LPV) ENROUTE-NO FC: 11.27.12 PUB: 1.10.13

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): ACAPU, REV 4; HIROP, REV 1; HUPAR, REV 1; JOBUK, REV 1; ZIGOL, REV 4.
REQUEST FLIGHT CHECK 4D ACCURACY CODE OBSTACLE 13-002274/8260-9 OBSTACLE #9, TOWER, 304740.00N/0813428.00W, 301' AGL/335' MSL.

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

WAAS	APP CRS	Rwy Idg	5152
CH 50318	131°	THRE	12
W13A		Apt Elev	16

RNAV (GPS) RWY 13

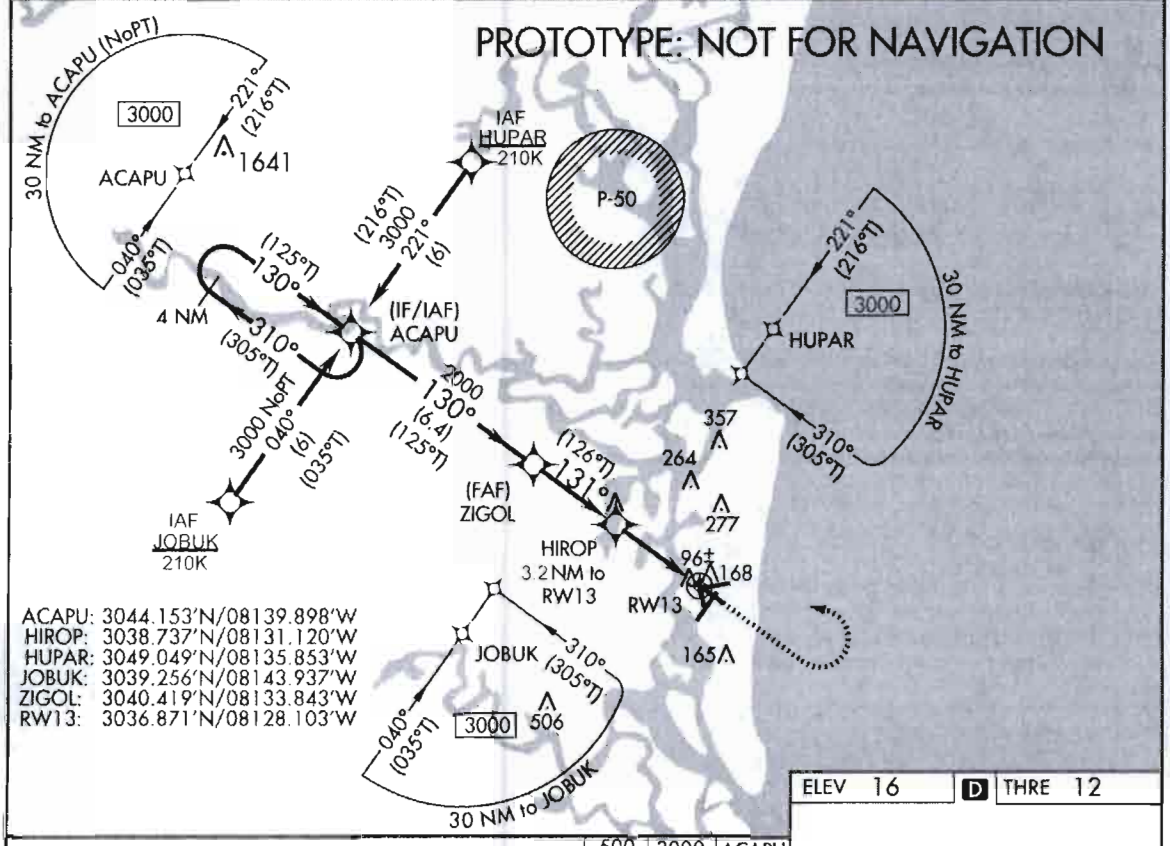
FERNANDINA BEACH MUNI (FHB)

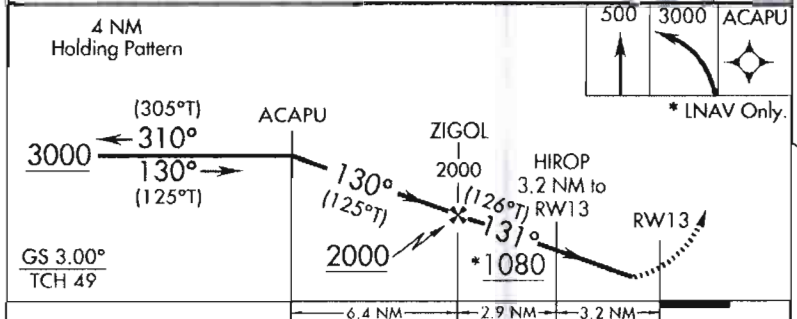
When VGSI inop, Circling Rwy 22 NA at night. Baro-VNAV NA when using Jacksonville Intl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). When VGSI inop, straight-in/Circling Rwy 13 procedure NA at night. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Jacksonville Intl altimeter setting and increase LPV DA to 320; LNAV/VNAV DA to 475, and all MDA 40 feet; increase LNAV/VNAV all Cats visibility ⅛ mile and LNAV Cat C/D visibility ¼ mile. Circling to Rwy 9 and 27 NA at night.

MISSED APPROACH: Climb to 500 then climbing left turn to 3000 direct ACAPU and hold.

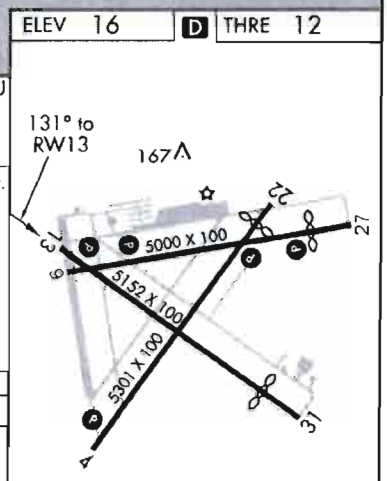
AWOS-3	JACKSONVILLE APP CON	GCO	UNICOM
118.075	127.0 322.4	121.725	122.7 (CTAF)

PROTOTYPE: NOT FOR NAVIGATION

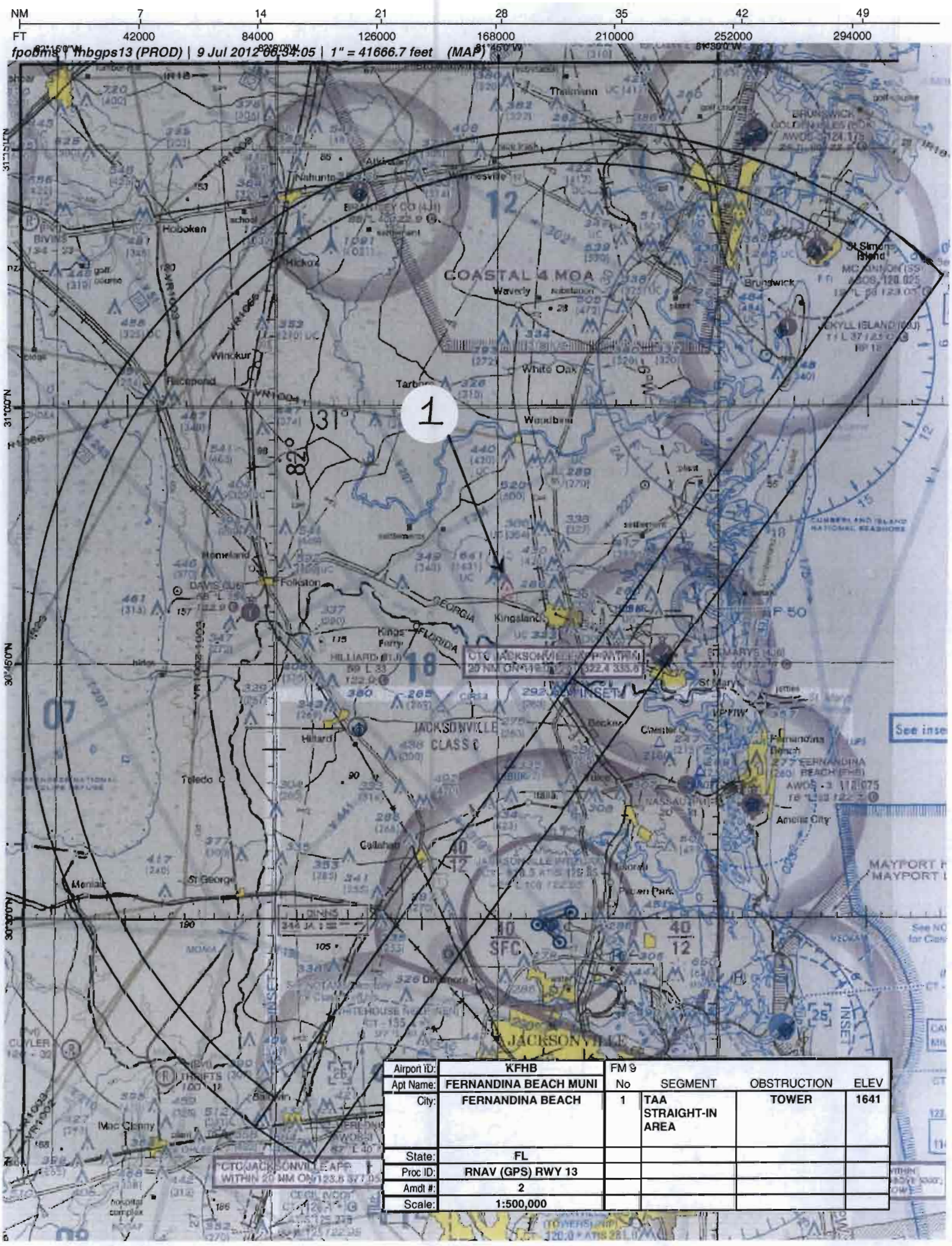


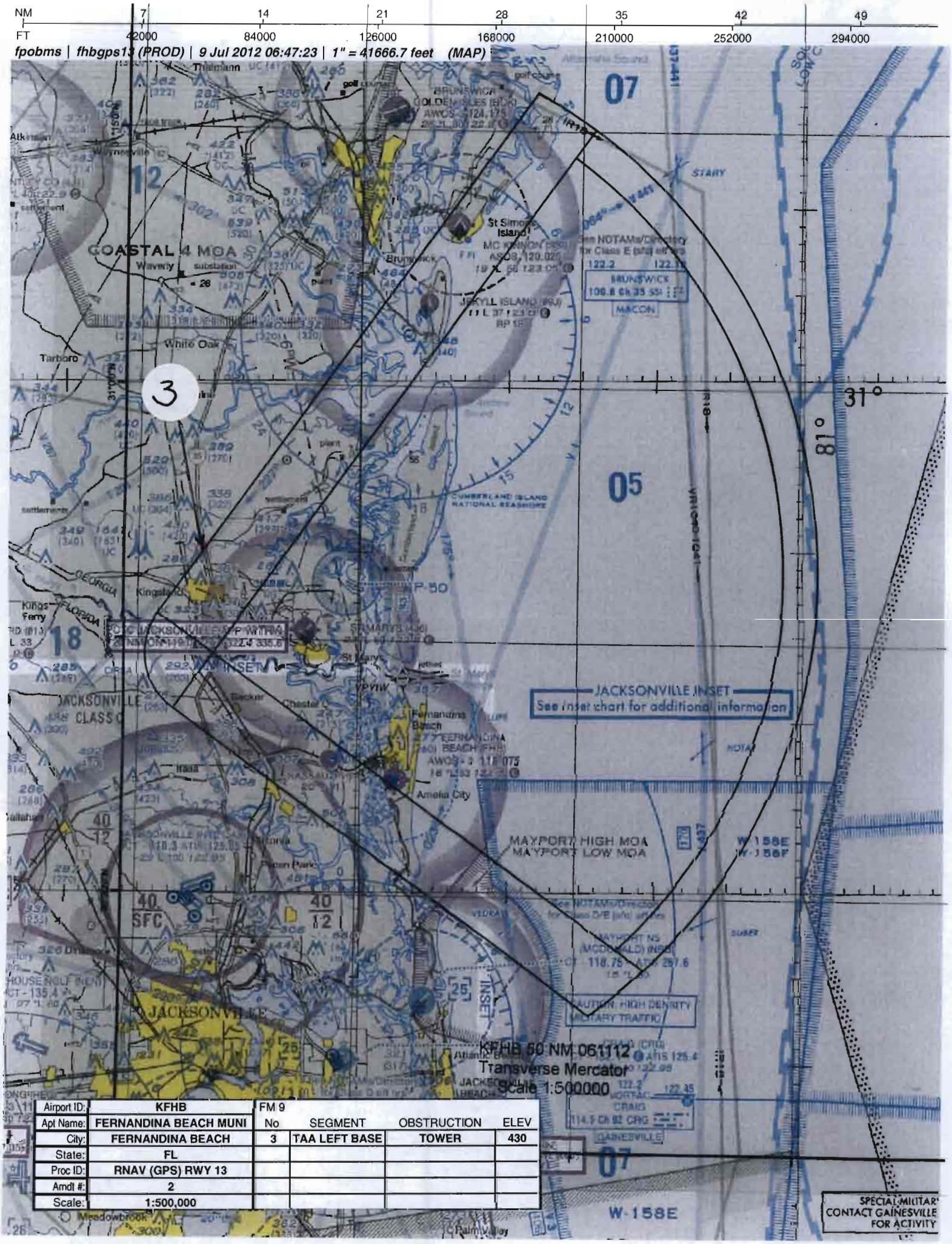


CATEGORY	A	B	C	D
LPV DA	286-1 274 (300-1)			
LNAV/VNAV DA	441-1⅜ 429 (500-1⅜)			
LNAV MDA	420-1 408 (500-1)		420-1⅛ 408 (500-1⅛)	
CIRCLING	480-1 464 (500-1)		480-1½ 464 (500-1½)	580-2 564 (600-2)



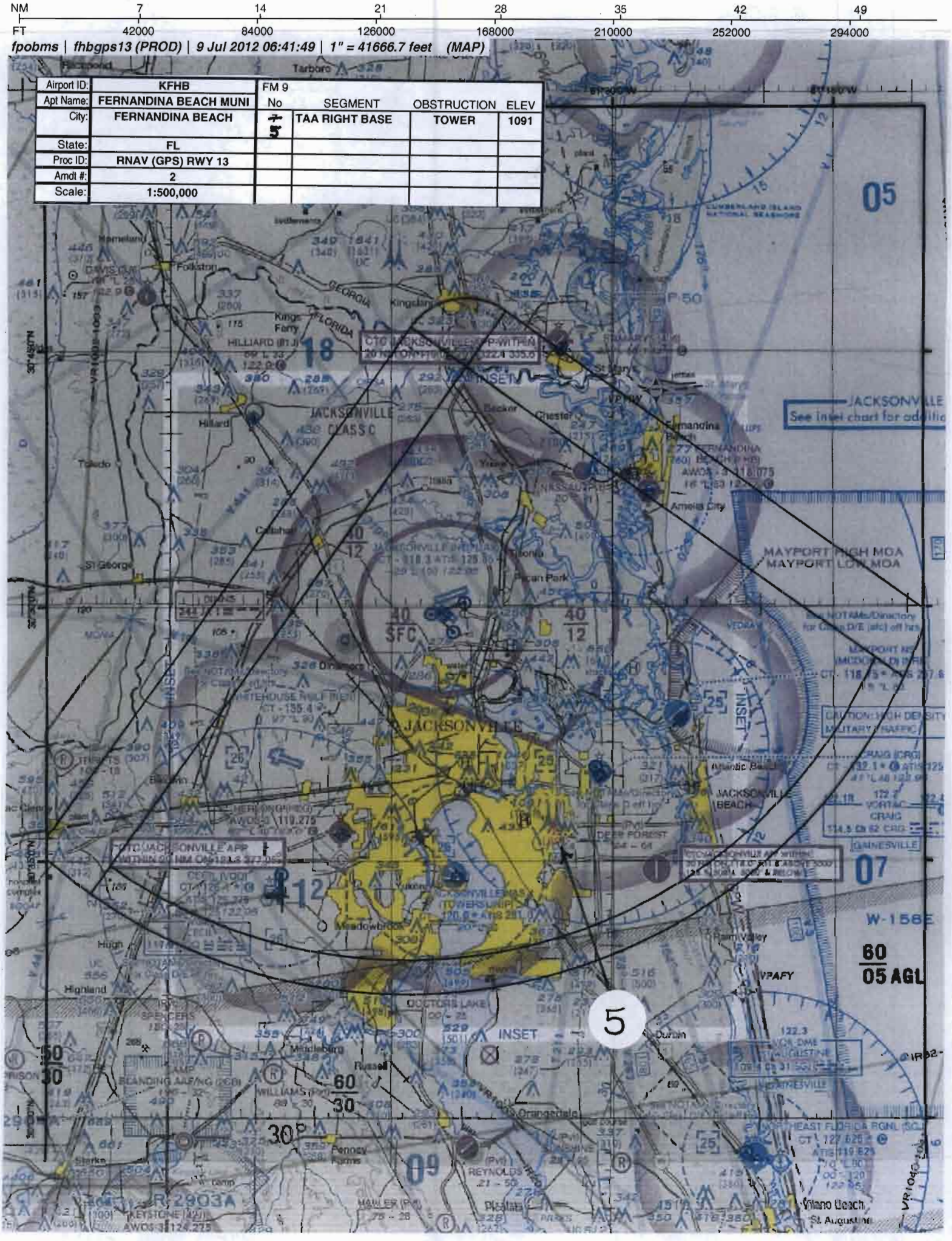
REIL Rwys 4 and 13
MIRL Rwys 4-22, 8-26 and 13-31

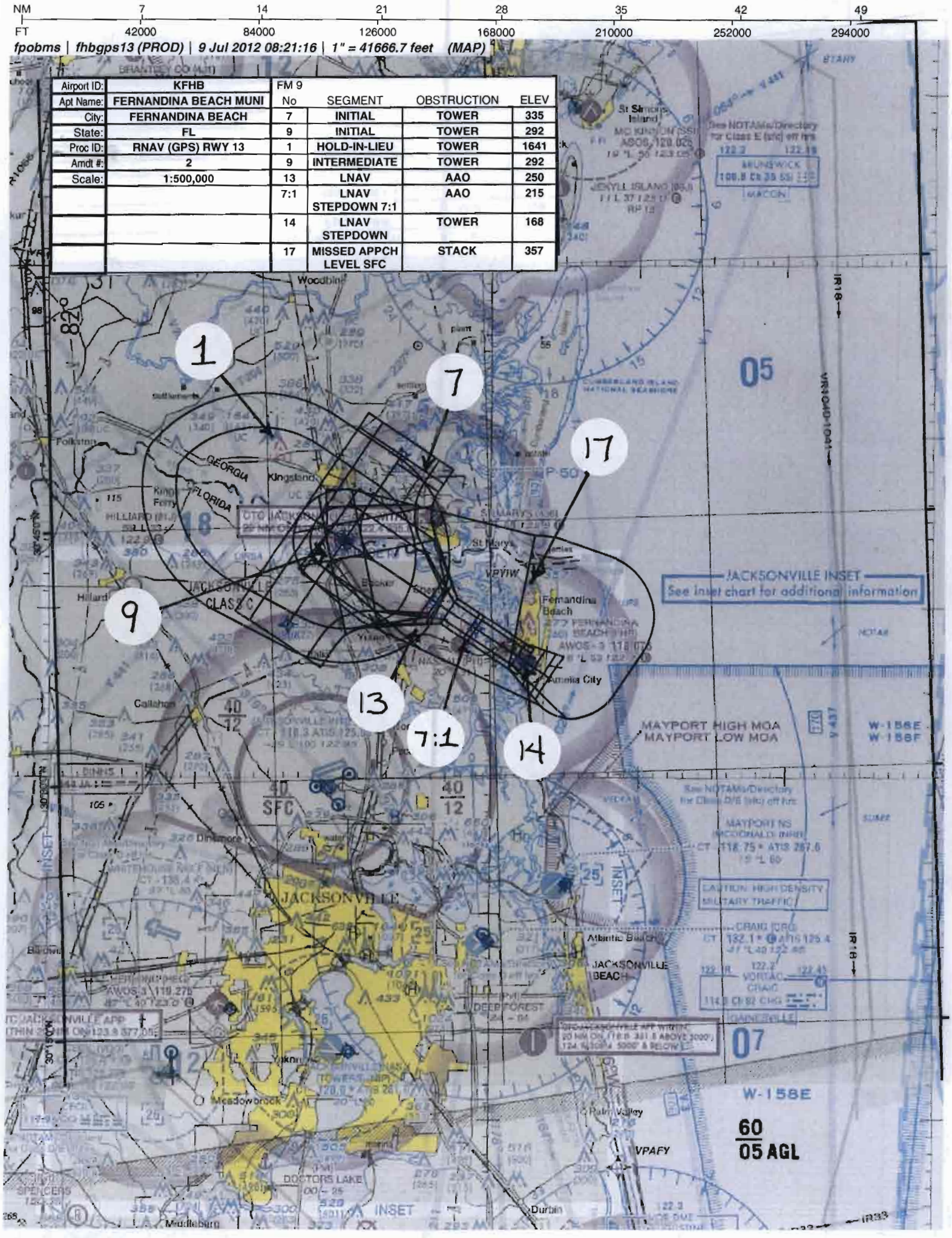

NM 7 14 21 28 35 42 49
FT 42000 84000 126000 168000 210000 252000 294000
fpobms1 fhbgps13 (PROD) | 9 Jul 2012 06:34:05 | 1" = 41666.7 feet (MAP)
1
COASTAL 4 MOA
JACKSONVILLE CLASS C
CTC JACKSONVILLE APP/DEP WITHIN 20 NM ON 123.8 377.0
Airport ID: KFHB
Apt Name: FERNANDINA BEACH MUNI
City: FERNANDINA BEACH
State: FL
Proc ID: RNAV (GPS) RWY 13
Amdt #: 2
Scale: 1:500,000
FM 9
No SEGMENT OBSTRUCTION ELEV
1 TAA STRAIGHT-IN AREA TOWER 1641

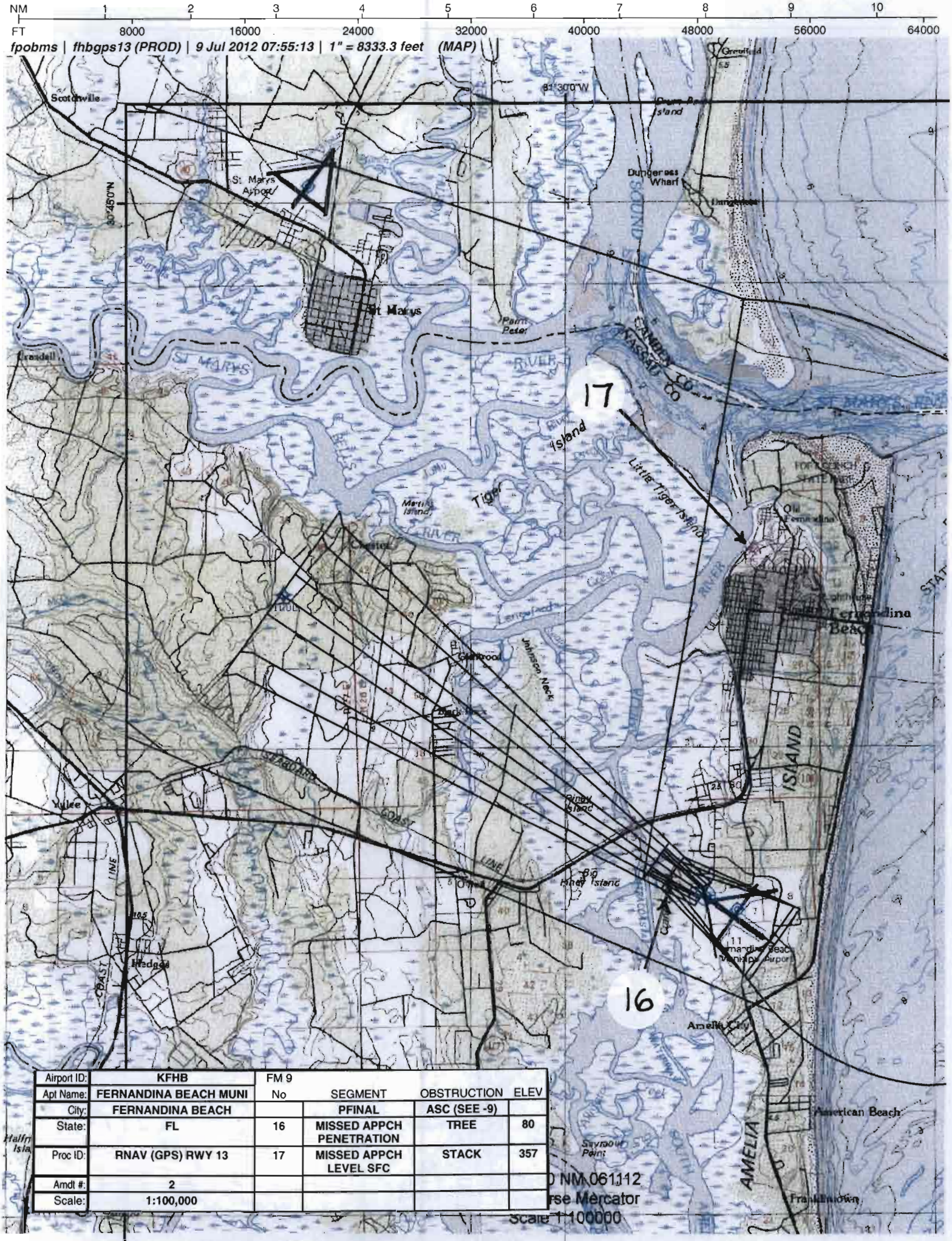


Airport ID:	KFHB
Apt Name:	FERNANDINA BEACH MUNI
City:	FERNANDINA BEACH
State:	FL
Proc ID:	RNAV (GPS) RWY 13
Amdt #:	2
Scale:	1:500,000

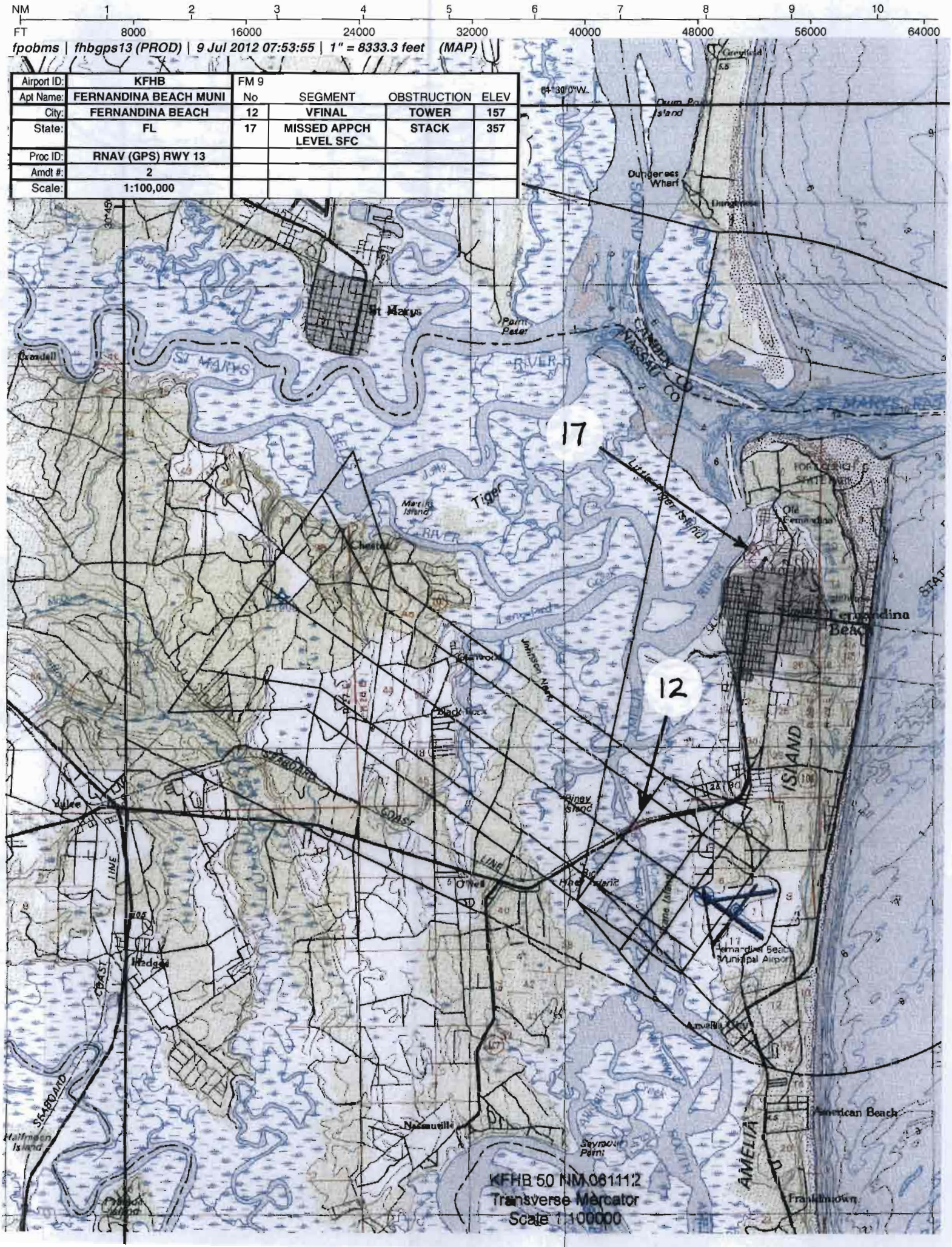
FM 9 No	SEGMENT	OBSTRUCTION	ELEV
3	TAA LEFT BASE	TOWER	430


NM 7 14 21 28 35 42 49
FT 42000 84000 126000 168000 210000 252000 294000
fpobms | fhbgps13 (PROD) | 9 Jul 2012 06:41:49 | 1" = 41666.7 feet (MAP)
Airport ID: KFHB
Apt Name: FERNANDINA BEACH MUNI
City: FERNANDINA BEACH
State: FL
Proc ID: RNAV (GPS) RWY 13
Amdt #: 2
Scale: 1:500,000
FM 9
No SEGMENT OBSTRUCTION ELEV
5 TAA RIGHT BASE TOWER 1091
JACKSONVILLE
MAYPORT HIGH MOA
MAYPORT LOW MOA
W-158E
60
05 AGL
INSET
5

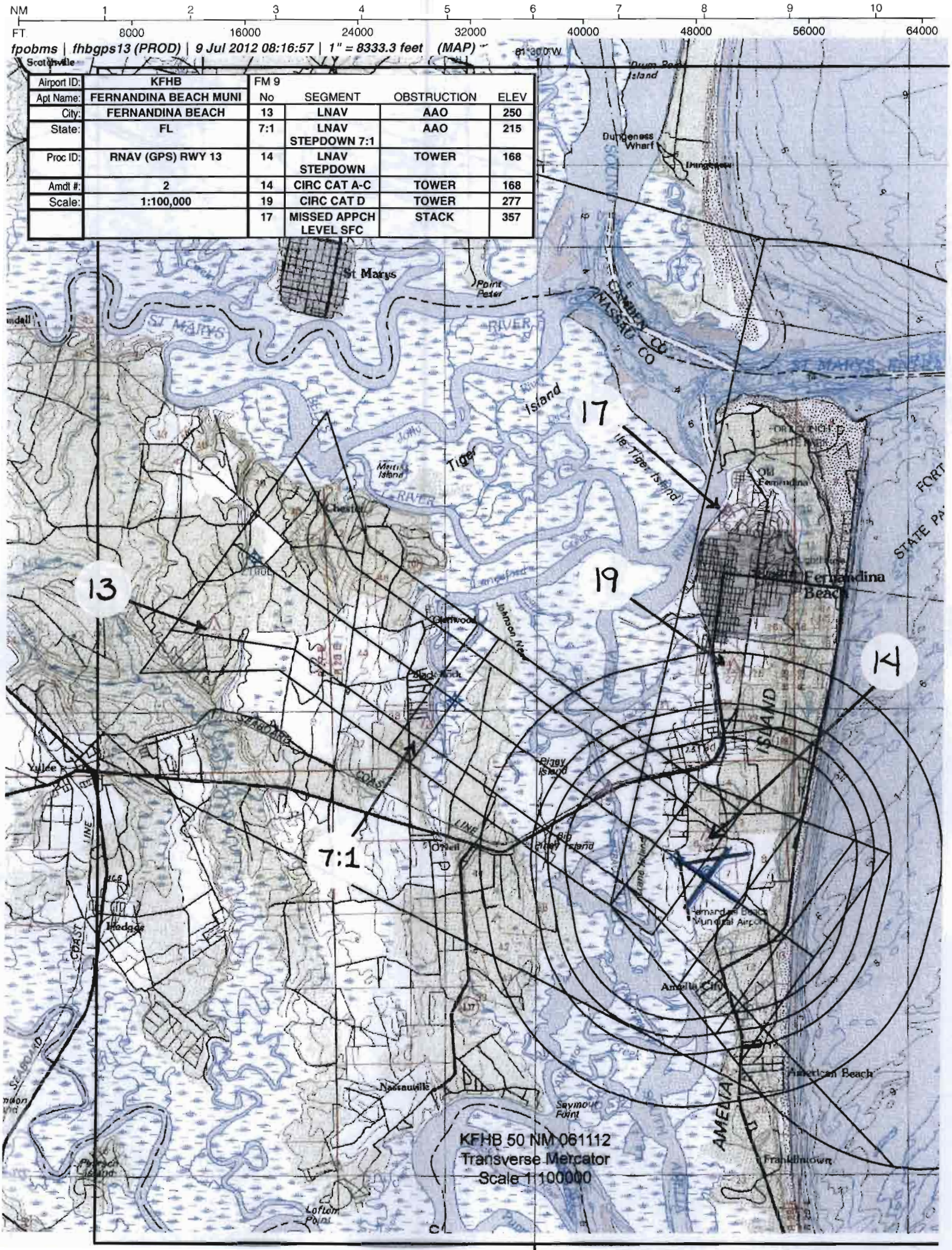

NM 7 14 21 28 35 42 49
FT 42000 84000 126000 168000 210000 252000 294000
fpobms | fhbgps13 (PROD) | 9 Jul 2012 08:21:16 | 1" = 41666.7 feet (MAP)
Airport ID: KFHB
Apt Name: FERNANDINA BEACH MUNI
City: FERNANDINA BEACH
State: FL
Proc ID: RNAV (GPS) RWY 13
Amdt #: 2
Scale: 1:500,000
FM 9
No SEGMENT OBSTRUCTION ELEV
7 INITIAL TOWER 335
9 INITIAL TOWER 292
1 HOLD-IN-LIEU TOWER 1641
9 INTERMEDIATE TOWER 292
13 LNAV AAO 250
7:1 LNAV STEPDOWN 7:1 AAO 215
14 LNAV STEPDOWN TOWER 168
17 MISSED APPCH LEVEL SFC STACK 357
1
7
17
9
13
7:1
14
JACKSONVILLE INSET
See inset chart for additional information
MAYPORT HIGH MOA
MAYPORT LOW MOA
W-158E
W-158F
60
05 AGL



Airport ID:	KFHB	FM 9			
Apt Name:	FERNANDINA BEACH MUNI	No	SEGMENT	OBSTRUCTION	ELEV
City:	FERNANDINA BEACH		PFINAL	ASC (SEE -9)	
State:	FL	16	MISSED APPCH PENETRATION	TREE	80
Proc ID:	RNAV (GPS) RWY 13	17	MISSED APPCH LEVEL SFC	STACK	357
Amdt #:	2				
Scale:	1:100,000				



Airport ID:	KFHB	FM 9			
Apt Name:	FERNANDINA BEACH MUNI	No	SEGMENT	OBSTRUCTION	ELEV
City:	FERNANDINA BEACH	12	VFINAL	TOWER	157
State:	FL	17	MISSED APPCH LEVEL SFC	STACK	357
Proc ID:	RNAV (GPS) RWY 13				
Amdt #:	2				
Scale:	1:100,000				



Airport ID:	KFHB	FM 9			
Apt Name:	FERNANDINA BEACH MUNI	No	SEGMENT	OBSTRUCTION	ELEV
City:	FERNANDINA BEACH	13	LNAV	AAO	250
State:	FL	7:1	LNAV STEPDOWN 7:1	AAO	215
Proc ID:	RNAV (GPS) RWY 13	14	LNAV STEPDOWN	TOWER	168
Amdt #:	2	14	CIRC CAT A-C	TOWER	168
Scale:	1:100,000	19	CIRC CAT D	TOWER	277
		17	MISSED APPCH LEVEL SFC	STACK	357

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
HUPAR (IAF)	ACAPU (NOPT) (FB)	220.52 / 6.00	3000
JOBUK (IAF)	ACAPU (NOPT) (FB)	040.46 / 6.00	3000
ACAPU (IF/IAF)	ZIGOL (FB)	130.49 / 6.41	2000
ZIGOL (FAF)	HIROP/3.20 NM TO RW13 (FB)	130.54 / 2.89	
HIROP/3.20 NM TO RW13	RW13 (MAP) (FO)	130.56 / 3.20	
RW13 (MAP)	500 MSL	130.56	500
500 MSL	ACAPU (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW13

CLIMB TO 500 THEN CLIMBING LEFT TURN TO 3000 DIRECT ACAPU AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW ACAPU, RT, 130.49 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 130.54 FAF: ZIGOL DIST FAF TO MAP: 6.09 THLD: 6.09
4. MIN. ALT: ACAPU 3000, ZIGOL 2000, HIROP/3.20 NM TO RW13 1080*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: ZIGOL 2000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 49.3 34:1 IS NOT CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 168 COMMUNICATION TWR 303704N/0812744W
OBST: 215 AAO 303824N/0813132W
CHART P-50.
DISTANCE TO THLD FROM 274 HATH: 0.70 NM.
WAAS CHANNEL # 50318
REFERENCE PATH ID: W13A
LTP HAE: -24.7 M

MAG VAR: 5W EPOCH YEAR: 2000

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	286	1	274	286	1	274	286	1	274	286	1	274			
LNAV/VNAV DA	441	1 3/8	429	441	1 3/8	429	441	1 3/8	429	441	1 3/8	429			
LNAV MDA	420	1	408	420	1	408	420	1 1/8	408	420	1 1/8	408			
CIRCLING	480	1	464	480	1	464	480	1 1/2	464	580	2	564			

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 22 NA AT NIGHT.
CHART NOTE: BARO-VNAV NA WHEN USING JACKSONVILLE INTL ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 13 PROCEDURE NA AT NIGHT.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 16 THRE: 12 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
FERNANDINA BEACH, FL	FERNANDINA BEACH MUNI	RNAV	RNAV (GPS) RWY 13, AMDT 2	AMDT: 1
				DATED 06/03/2010

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

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[ ]	[ ]	[ ]	[ ]	[X]	[X]	[X] ZJX, JAX APP CON, AMGR

FLIGHT CHECKED BY

NAME:	FIFO	DATE:

DEVELOPED BY

NAME:	FIFO	DATE:
BRIAN M. SHAFFER	AJV-352	06/18/2012

APPROVED BY

NAME:	FIFO	DATE:
DARRYEL ADAMS MANAGER	AJV-352	

CHANGES:

1. CHANGED TCH FROM 60.0' TO 49.3' (FAS DATA).
2. CHANGED ACAPU TO ZIGOL INTERMEDIATE SEGMENT LENGTH FROM 6.55 TO 6.41 NM.
3. CHANGED HIROP TO LTP DISTANCE FROM 3.00 TO 3.20 NM AND ALTITUDE FROM 1020' TO 1080' MSL.
4. CHANGED HUPAR TO ACAPU INITIAL APPROACH SEGMENT COURSE FROM 220.51 TO 220.52 DEGREES.
5. CHANGED JOBUK TO ACAPU INITIAL APPROACH SEGMENT COURSE FROM 040.44 TO 040.46 DEGREES.
6. CHANGED ACAPU TO ZIGOL INTERMEDIATE SEGMENT COURSE FROM 130.47 TO 130.49 DEGREES.
7. CHANGED FINAL COURSE FROM 130.52 TO 130.54 DEGREES.
8. LOWERED TAA RIGHT BASE FROM 4000' TO 3000'.
9. CHANGED MISSED APPROACH INSTRUCTIONS FROM: CLIMB TO 4000 DIRECT IVADE AND LEFT TURN ON TRACK 041 DEGREES TO JEMSO AND LEFT TURN ON TRACK 3.11 DEGREES TO OMWIP AND ON TRACK 252 DEGREES TO ACAPU AND HOLD. TO: CLIMB TO 500 THEN CLIMBING LEFT TURN TO 3000 DIRECT ACAPU AND HOLD.
10. CHANGED NOTE FROM: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JACKSONVILLE INTL ALTIMETER SETTING AND INCREASE LPV DA TO 348; LNAV/VNAV DA TO 484, INCREASE ALL MDA 40 FEET AND LNAV CAT D VISIBILITY 1/4 MILE.
TO: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JACKSONVILLE INTL ALTIMETER SETTING AND INCREASE LPV DA TO 320, LNAV/VNAV DA TO 475, AND ALL MDA 40 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE AND LNAV CAT C/D VISIBILITY 1/4 MILE.
SEE 8260-10

REASONS:

1. MIRROR VGSI TCH.
2. 8260.54A, FORMULA 2-16B PFAF FORMULA.
3. OPTIMIZE DESCENT.
4-7. PFAF RELOCATION.
8. LOWER DG/ATC REQUEST.
9. FPT/ATC REQUEST AND AJV-351 EMAIL DATED 6/7/12.
10. PRIMARY ALTIMETER DA'S LOWERED DUE TO NEW CONTROLLING OBSTRUCTIONS/8260.3B CHG 20 VISIBILITIES. VGSI AND PROCEDURE TCH/ANGLE WITHIN COINCIDENTAL CRITERIA.
11, 12. NEW CONTROLLING OBSTRUCTION.
13. 8260.3B, CHG 20 VISIBILITIES/LOWER DA.
14. 8260.3B, CHG 20 VISIBILITIES.
15. HATH USED INSTEAD OF HAT.
16. APPLICATION OF LOW/HIGH TEMPERATURE LIMIT CALCULATOR DATED 05/16/2012 AS REQUIRED BY MEMO LOW/HIGH TEMPERATURE LIMITS FOR BAROMETRIC VERTICAL NAVIGATION (BARO-VNAV) BASED APPROACH PROCEDURES, DATED 5/30/12 .
17. 8260.19E, PARA 8-53B(1) & (3).
SEE 8260-10

NOTES, (CONT.):
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
***LNAV ONLY**
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JACKSONVILLE INTL ALTIMETER SETTING AND INCREASE LPV DA TO 320, LNAV/VNAV DA TO 475, AND ALL MDA 40 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE AND LNAV CAT C/D VISIBILITY 1/4 MILE.
CHART NOTE: CIRCLING TO RWY 9 AND 27 NA AT NIGHT.
CHART PLANVIEW NOTE AT HUPAR : MAX 210 KIAS.
CHART PLANVIEW NOTE AT JOBUK : MAX 210 KIAS.

TAA

	FROM	TO	ALT
1.	040/30 CW 220/30 (NOPT)	ACAPU (IF/IAF) (FB)	3000
2.	220/30 CW 310/30	HUPAR (IAF) (FB)	3000
3.	310/30 CW 040/30	JOBUK (IAF) (FB)	3000

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:

CHANGES CONT.
11. LOWERED LPV DA/HAT FROM 314/300 TO DA/HATH 286/274(OE OFFICE/FPT APPROVED). 12. LOWERED LNAV/VNAV DA/HAT FROM 450/436 TO DA/HATH 441/429 (OE OFFICE/FPT APPROVED). 13. LOWERED LNAV/VNAV ALL CATS VISITILITY FROM 1 1/2 TO 1 3/8 MILES . 14. LOWERED LNAV CATS C/D VISIBILITIES FROM 1 1/4 TO 1 1/8 MILES. 15. RAISED LNAV HAT FROM 406 TO 408. 16. CHANGED NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 49C (120F). TO: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). 17. AUTHORIZED ALTERNATE MINIMUMS. 18. ADDED NOTE WHEN VGSI INOP, CIRCLING RWY 22 NA AT NIGHT. 19. ADDED NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 13 PROCEDURE NA AT NIGHT. 20. ADDED NOTE: CIRCLING TO RWY 9 AND 27 NA AT NIGHT. 21. DELETED PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. 22. ADDED CHART PLANVIEW NOTE AT HUPAR & JOBUK : MAX 210 KIAS. 23. DELETED CHART ASR FROM ADDITIONAL FLIGHT DATA. 24. TAA LEFT BASE AND SI AREA COURSE TO HUPAR CHANGED FROM 221 TO 220 DEGREES .

REASONS:

REASONS CONT.
18. FPT REQUEST/MITIGATE CIRCLING 20:1 VISUAL SURFACE PENETRATIONS AT NIGHT.
19. FPT REQUEST/MITIGATE CIRCLING/STRAIGHT-IN 20:1 VISUAL SURFACE PENETRATIONS AT NIGHT.
20. FPT REQUEST (SEE BACK OF 8260-9).
21. VGSI AND PROCEDURE TCH/ANGLE WITHIN COINCIDENTAL CRITERIA.
22. APPLICATION OF HARMONIZATION MEMO DATED 10/19/10 TO ALLOW REDUCED SEGMENT LENGTHS AS REQUESTED BY FPT.
23. NO ASR APPROACHES AT AIRPORT.
24. HUPAR AND ACAPU FIX MOVEMENTS.
PDF EDITS:
8260-3:
1. DELETED "1080" FROM TERMINAL ROUTES ZIGOL TO HIROP ROUTE ALTITUDE BLOCK.
2. DELETED "500" IN TERMINAL ROUTES RW13 TO 500 MSL ALTITUDE BLOCK.
3. ADDED "FAF" FOLLOWING ZIGOL IN TERMINAL ROUTES FROM BLOCK.
8260-10:
1. DELETED "020" FROM LAST ROUTE (ACAPU HOLDING) IN SEGMENT BLOCK ON ARINC PACKET 424-18.
2. DELETED RNP "2.0" ENTRY IN MISSED APPROACH ACAPU 060 SEQUENCE ON ARINC FLIGHT INSPECTION FORM.

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFHB
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	303652.2295N
LTP/FTP LONGITUDE	0812806.1935W
LTP/FTP ELLIPSOIDAL HEIGHT	-00247
FPAP LATITUDE	303600.2470N
FPAP LONGITUDE	0812642.2395W
THRESHOLD CROSSING HEIGHT (TCH)	00049.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1184
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	CC53313D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00037
FPAP ORTHOMETRIC HEIGHT	+00037

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:

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ACAPU K70    W     N30440919W081395388                      W0061     NAR           ACAPU
        SUSAEAENRT   HIROP K70    W     N30384419W081310719                      W0062     NAR           HIROP
        SUSAEAENRT   HUPAR K70    W     N30490292W081355118                      W0062     NAR           HUPAR
        SUSAEAENRT   JOBUK K70    W     N30391533W081435619                      W0061     NAR           JOBUK
        SUSAEAENRT   ZIGOL K70    W     N30402516W081335060                      W0062     NAR           ZIGOL

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFHBK7AFHB     0     053YHN30364260W081274030W005000016         1800018000C    MNAR    FERNANDINA BEACH MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFHBK7FR13   AACAPU 010ACAPUK7EA0EE AR   HF                    13050040    + 03000     18000                A JS
        SUSAP KFHBK7FR13   AHUPAR 010HUPARK7EA0E  A    IF                                        18000210               A-JS
        SUSAP KFHBK7FR13   AHUPAR 020ACAPUK7EA0EE B 010TF                    22050060    + 03000                          A JS
        SUSAP KFHBK7FR13   AJOBUK 010JOBUKK7EA0E  A    IF                                        18000210               A-JS
        SUSAP KFHBK7FR13   AJOBUK 020ACAPUK7EA0EE B 010TF                    04050060    + 03000                          A JS
        SUSAP KFHBK7FR13   R      010ACAPUK7EA0E  I    IF                               + 03000     18000                A JS
        SUSAP KFHBK7FR13   R      020ZIGOLK7EA1E  F 051TF                    13050064    + 02000                          A JS
        SUSAP KFHBK7FR13   R      020ZIGOLK7EA2WALPV       ALNAV/VNAV ALNAV                                               JS
        SUSAP KFHBK7FR13   R      021HIROPK7EA0E S  031TF                    13050029    V 0108001081        -300       A JS
        SUSAP KFHBK7FR13   R      030RW13 K7PG0GY M 031TF                    13060032      00062             -300       A JS
        SUSAP KFHBK7FR13   R      040         0 M     CA                     1306        + 00500                          A JS
        SUSAP KFHBK7FR13   R      050ACAPUK7EA0EY  L   DF                               + 03000                          A JS
        SUSAP KFHBK7FR13   R      060ACAPUK7EA0EE  R   HM                    13050040    + 03000                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFHBK7GRW13    0051521306 N30365223W081280619+0000    -00247000120000491O0R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFHBK7PR13   RW13 001 0000W13A0N3036522295W08128061935-002470300N3036002470W0812642239510675118400049 3F400500CC53313D
        SUSAP KFHBK7PR13   RW13 002E      +00037+00037LPV       50318
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 16 THRE: 12	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FERNANDINA BEACH, FL	AIRPORT NAME: **FERNANDINA BEACH MUNI**	**RNAV**	**RNAV (GPS) RWY 13, AMDT 2**	AMDT: **1**
				DATED: **06/03/2010**

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
	ACAPU	ACAPU	010	IAF	HF	R	FO		130.5(125.5T)	004.0	AA 03000	
	HUPAR	HUPAR	010	IAF	IF		FB					AB 210
	HUPAR	ACAPU	020		TF		FB	1.0	220.5(215.5T)	006.0	AA 03000	
	JOBUK	JOBUK	010	IAF	IF		FB					AB 210
	JOBUK	ACAPU	020		TF		FB	1.0	040.5(035.5T)	006.0	AA 03000	
		ACAPU	010	FACF	IF		FB				AA 03000	
		ZIGOL	020	FAF	TF		FB	0.5	130.5(125.5T)	006.4	AA 02000	
		HIROP	021	SDF	TF		FB	0.3	130.5(125.5T)	002.9	AA 01080 GS 01081	
		RW13	030	MAP	TF		FO	0.3	130.6(125.6T)	003.2	AT 00062	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		130.6(125.6T)		AA 00500	
	ACAPU	050		DF	L	FO				AA 03000	
	ACAPU	060		HM	R	FO		130.5(125.5T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ACAPU	N304409.19	W0813953.88	N3044.153	W08139.898
	HIROP	N303844.19	W0813107.19	N3038.737	W08131.120
	HUPAR	N304902.92	W0813551.18	N3049.049	W08135.853
	JOBUK	N303915.33	W0814356.19	N3039.256	W08143.937
	ZIGOL	N304025.16	W0813350.60	N3040.419	W08133.843
	RW13	N303652.23	W0812806.19	N3036.871	W08128.103

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW13	00012	49

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 16 THRE: 12	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FERNANDINA BEACH, FL	AIRPORT NAME: **FERNANDINA BEACH MUNI**	**RNAV**	**RNAV (GPS) RWY 13, AMDT 2**	AMDT: **1**
				DATED: **06/03/2010**

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:	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.
STRAIGHT-IN AREA	040/30 CW 220/30	ACAPU	1. TWR (13-001501)	304918.00N/0814412.00W	1641 (5D)	1000	AT359	3000
			2. TERRAIN	302524.00N/0820606.00W	220 (200)		AS1500	1700
LEFT BASE AREA	220/30 CW 310/30	HUPAR	3. TWR (13-001354)	305008.00N/0814038.00W	430 (1A)	1000	AT1570	3000
			4. TERRAIN	305539.00N/0812630.00W	102 (100)		AS1500	1600
RIGHT BASE AREA	310/30 CW 040/30	JOBUK	5. TWR (12-001496)	301635.00N/0813350.69W	1091 (1A)	1000	AT909	3000
			6. TERRAIN	301451.00N/0820345.00W	214 (200)		AS1500	1700
INITIAL	HUPAR	ACAPU	7. TWR (13-002274)	304740.00N/0813428.00W	335 (4D)	1000	AT1665	3000
			8. TERRAIN	304600.00N/0813742.00W	43 (0)		AS1500	1500
INITIAL	JOBUK	ACAPU	9. TWR (12-003980)	304323.98N/0814033.77W	292 (1A)	1000	AT1708	3000
			10. TERRAIN	303927.00N/0814606.00W	49 (0)		AS1500	1500
INTERMEDIATE	ACAPU (IF/IAF)	ZIGOL	9. TWR (12-003980)	304323.98N/0814033.77W	292 (1A)	500	DG1208	2000
			11. TERRAIN	304227.00N/0813521.00W	46 (0)		AS1500	1500
FINAL: LPV	ZIGOL	RW13				ASC	MA24	286/274
2. HOLD-IN-LIEU-OF-PT	ACAPU		1. TWR (13-001501)	304918.00N/0814412.00W	1641 (5D)	1000	AT359	3000
			15. TERRAIN	304706.00N/0815000.00W	92 (100)		AS1500	1600
3. MISSED APPROACH MAP:	DA / DA / RW13	ACAPU	16. TREE (K55JT0022)	303704.49N/0812830.25W	80 (2C)	ASC	AC20	3000
			17. STACK (12-001768)	304052.00N/0812727.00W	357 (5D)	1000		1400
ELEV:	88/280/320		18. TERRAIN	303709.00N/0813212.00W	43 (0)		AS1500	1500

4. CIRCLING AREA	DISTANCE		HT. ABV. ARPT.								
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	464	14. TWR (KFHBT3947)	303704.45N/0812743.93W	168 (1A)	300		480
CATEGORY B	1.5 NM		450		464	14. TWR (KFHBT3947)	303704.45N/0812743.93W	168 (1A)	300		480
CATEGORY C	1.7 NM		450		464	14. TWR (KFHBT3947)	303704.45N/0812743.93W	168 (1A)	300		480
CATEGORY D	2.3 NM		550		564	19. TWR (12-004135)	303903.20N/0812722.40W	277 (1A)	300		580
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

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
FERNANDINA BEACH, FL	ELEVATION: 16 AIRPORT NAME: FERNANDINA BEACH MUNI	RNAV	RNAV (GPS) RWY 13, AMDT 2	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
GNV FSS JAX APP CON		NWS	SOURCE: KFHB / KJAX
	OTHER: AWOS-3		DISTANCE: 0 / 13.70
		FAA	HOURS REMOTE OPERATION: BACKUP
SATISFACTORY ON:		A/C	
X VHF X UHF HF	LOCATION: KFHB		ADJUSTMENT: 0 / 34

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 27 (PCL), 31 (PCL), 13 (PCL), 22 (PCL), 09 (PCL), 04 (PCL)
	X	REIL 13 (PCL), 04 (PCL)
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-2L 13 PAPI-4L 27 (PCL), 22, 09 (PCL), 04

6. RUNWAY MARKINGS	BASIC	BSC-P 27
	ALL WEATHER	
	INSTRUMENT	NPI-G 31, 13, 22, 04; -P 09
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	

8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 12.2
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 49.3

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

10. WAIVERS: NONE

PART D - PREPARED BY: BRIAN M. SHAFFER	DATE: 06/18/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

VDP NOT ESTABLISHED - 20:1 PENETRATIONS.

PARA 251, 20:1 PENETRATION.

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TERPS PARAGRAPH 289 APPLIED TO 215 AAO 303824N/0813132W

BLOCK 3: KFHB AWOS -3 ON SERVICE A. KJAX ASOS ON SERVICE-A.

VGSI DATA: 3.00/49.3'

RASS PRESSURE PATTERNS SAME
KFHB 15.7, KJAX 29.2
RA = 33.39.
SEE ATTACHED AIRSPACE LETTER.

OBSTACLE #9: 4D ACCURACY CODE PER FLIGHT CHECK.

MISSED APPROACH AND LEFT BASE TAA LOWERED FROM 4000 TO 3000 PER ATC.

FPT REQUEST 25 DEGREES BANK ANGLE UTILIZED IN THE INITIAL, INTERMEDIATE, AND MISSED APPROACH SEGMENTS TO MEET SEGMENT LENGTH REQUIREMENTS AS ALLOWED BY REVISED PBN MAXIMUM BANK ANGLE LIMITS MEMO DATED 3/10/11. 210 KIAS UTILIZED IN THE INTERMEDIATE/INITIAL SEGMENTS PER HARMONIZATION MEMO DATED 10/19/2010, APPROVED BY AJV-3B.

PER FPT: COAST GUARD AT JACKSONVILLE STATED TO USE MAXIMUM SHIP HEIGHT OF 200' MSL NO CLOSER THAN 1 NM TO ATLANTIC COASTLINE DUE TO SHALLOW WATER OF 23'-24' IN DEPTH. AT 2 NM FROM COAST, MAXIMUM SHIP HEIGHT IS 300' MSL. MAXIMUM SHIP HEIGHT ON INLAND WATERWAY/INTRACOASTAL WOULD BE NO HIGHER THAN 86' BASED ON CAUSEWAY HEIGHT (KFHBT2423 TRANSMISSION TOWER MOUNTED ON CAUSEWAY) APPROXIMATELY 1.2 NM NW OF RWY 13 THRESHOLD.

FPT REQUESTS RWY 9/27 CIRCLING BE NA AT NIGHT DUE TO FLIGHT CHECK REPORT DATED 1/13/12 STATING THAT 20:1 VISUAL SURFACE PENETRATING OBSTACLES (TREES) NEED TO BE REMOVED BEFORE VGSI SURFACE CAN BE USED TO MITIGATE PENETRATIONS.

LPV & LNAV/VNAV POFZ PENETRATIONS:

KFHBT1613 BUSH 21 MSL 8.80' PENETRATION
KFHBT0087 TREE 15 MSL 2.80' PENETRATION
K55JT0087 TREE 15 MSL 2.80' PENETRATION
KFHBT0088 TREE 14 MSL 1.80' PENETRATION
K55JT0088 TREE 14 MSL 1.80' PENETRATION
KFHBT0100 GRD 13 MSL 0.80' PENETRATION
K55JT0100 GRD 13 MSL 0.80' PENETRATION
KFHBT0099 GRD 13 MSL 0.80' PENETRATION
K55JT0099 GRD 13 MSL 0.80' PENETRATION

* LPV REQUIRES 250' HAT DUE TO POFZ PENETRATIONS. LNAV/VNAV DA REQUIRED FOR FINAL PENETRATIONS HIGHER THAN 250' (NO IMPACT FROM POFZ PENETRATIONS).

LPV SURFACE: INNER AND OUTER: 34:1

CONT.

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/VNAV	ZIGOL	RW13	12. TRMSN TWR	303738.16N/0812904.17W	157 (1A)	23.44:1		441/429
			(KFHBT2422)					
FINAL: LNAV	ZIGOL	HIROP/3.20 NM TO	13. AAO	303933.41N/0813425.24W	250 (2C)	250	DG541 RA34 XL5	1080
		RW13						
FINAL: LNAV STEPDOWN	HIROP/3.20 NM TO	RW13	14. COMMUNICATION	303704.45N/0812743.93W	168 (1A)	250		420
	RW13		(KFHBT3947)					

3. MISSED APPROACH	
MAP:	
ELEV:	

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	
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

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
FERNANDINA BEACH, FL	ELEVATION: 16 AIRPORT NAME: FERNANDINA BEACH MUNI	RNAV	RNAV (GPS) RWY 13, AMDT 2	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.
LNAV/VNAV SURFACE: INNER: 23.44:1.

BAROV-VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F)
ISA DEVIATION: -30.
(NO AIRPORT TEMPERATURE DATA FOR FHB AVAILABLE AT NOAA WEATHER SITE)
DESCENT RATE: (STANDARD TEMP) 954 FT/MIN.
HIGH TEMPERATURE LIMITS DERIVED FROM AFS-400 CALCULATOR.

ORDER 8260.3, VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS:
20:1
RWY 13:
14 GRD (K55JT0057) 303656.57N/0812805.54W (1.36)
14 GRD (KFHBT0057) 303656.57N/0812805.54W (1.36)
14 TREE (KFHBT0038) 303652.35N/0812809.09W (1.15)
14 TREE (K55JT0038) 303652.35N/0812809.09W (1.15)
15 TREE (KFHBT0045) 303653.89N/0812808.27W (0.53)
15 TREE (K55JT0045) 303653.89N/0812808.27W (0.53)

34:1
73 TREE (KFHBT2400) 303705.41N/0812816.38W (22.61)
69 TREE (KFHBT0049) 303705.37N/0812816.38W (18.68)
69 TREE (K55JT0049) 303705.37N/0812816.38W (18.68)
81 TREE (KFHBT2414) 303701.34N/0812827.80W (13.79)
86 TREE (KFHBT0002) 303700.95N/0812832.03W (10.62)
86 TREE (K55JT0002) 303700.95N/0812832.03W (10.62)
52 TREE (KFHBT0011) 303654.82N/0812820.84W (10.60)
52 TREE (K55JT0011) 303654.82N/0812820.84W (10.60)
76 TREE (K55JT0040) 303701.07N/0812827.34W (10.21)
76 TREE (KFHBT0040) 303701.07N/0812827.34W (10.21)
87 TREE (KFHBT2416) 303701.18N/0812832.75W (9.72)
85 TREE (K55JT0053) 303702.31N/0812832.57W (6.14)
85 TREE (KFHBT0053) 303702.31N/0812832.57W (6.14)
68 TREE (KFHBT2413) 303700.53N/0812827.40W (3.02)
80 TREE (K55JT0022) 303704.49N/0812830.25W (2.22)
80 TREE (KFHBT0022) 303704.49N/0812830.25W (2.22)

CIRCLING:
R09: 74 TREE (KFHBT1679) 303648.47N/0812818.75W (11.81)

R09: 67 TREE (KFHBT1669) 303649.04N/0812817.73W (9.68)
R09: 75 TREE (KFHBT1686) 303648.03N/0812819.41W (9.61)
R09: 21 BUSH (KFHBT1613) 303649.32N/0812808.94W (1.78)
R09: 18 BUSH (KFHBT1609) 303648.86N/0812808.20W (1.59)
R13: 14 GRD (K55JT0057) 303656.57N/0812805.54W (1.36)
R13: 14 GRD (KFHBT0057) 303656.57N/0812805.54W (1.36)
R13: 14 TREE (KFHBT0038) 303652.35N/0812809.09W (1.15)
R13: 14 TREE (K55JT0038) 303652.35N/0812809.09W (1.15)
R13: 15 TREE (KFHBT0045) 303653.89N/0812808.27W (0.53)
R13: 15 TREE (K55JT0045) 303653.89N/0812808.27W (0.53)
R22: 87 TREE (KFHBT0500) 303708.15N/0812722.32W (21.81)

R22: 86 TREE (KFHBT0732) 303710.98N/0812720.43W (4.38)
R22: 79 TREE (KFHBT2852) 303709.99N/0812720.64W (1.98)
R22: 67 TREE (KFHBT2855) 303707.81N/0812721.07W (0.03)
R27: 81 TREE (KFHBT1856) 303654.20N/0812702.72W (19.21)

R27: 75 TREE (KFHBT1840) 303659.27N/0812704.94W (18.59)

R27: 77 TREE (KFHBT1216) 303654.19N/0812702.76W (15.39)

R27: 83 TREE (KFHBT1233) 303653.84N/0812701.29W (15.35)

R27: 80 TREE (KFHBT1870) 303654.25N/0812701.83W (14.33)
CONT.

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. REQUIRED	ACTUAL
CATEGORY A	1.3 NM	350	
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

CITY AND STATE	ELEVATION: 16 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
FERNANDINA BEACH, FL	FERNANDINA BEACH MUNI	RNAV	RNAV (GPS) RWY 13, AMDT 2	ASO

FAA Form 8260 - 9 / April 2006 (Computer Generated)

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.

R27: 74 TREE (KFHBT1873) 303659.28N/0812702.56W (7.33)
R27: 74 TREE (KFHBT1243) 303659.29N/0812702.56W (7.32)
R27: 107 TREE (KFHBT1986) 303701.85N/0812655.13W (6.19)

R27: 106 TREE (KFHBT1300) 303701.82N/0812655.14W (5.26)

R27: 100 TREE (KFHBT1973) 303659.88N/0812656.05W (4.78)

R27: 100 TREE (KFHBT1976) 303702.02N/0812656.13W (3.36)

R27: 98 TREE (KFHBT1289) 303659.91N/0812656.04W (2.71)
R27: 69 TREE (KFHBT1874) 303655.29N/0812701.79W (2.30)
R27: 75 TREE (KFHBT1248) 303655.54N/0812700.42W (2.19)
R27: 64 TREE (KFHBT1857) 303655.28N/0812702.86W (1.92)
R27: 74 TREE (KFHBT1895) 303655.50N/0812700.35W (0.93)
R27: 84 TREE (KFHBT1273) 303659.05N/0812658.66W (0.71)
R27: 84 TREE (KFHBT1936) 303659.02N/0812658.64W (0.65)
R27: 71 TREE (KFHBT1886) 303658.57N/0812701.44W (0.09)

RADIO FIX AND HOLDING DATA RECORD

NAME: ACAPU **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 304409.19N/0813953.88W **TYPE:** WP

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

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	NW		WP	310.49	130.49	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (13-001501)	304918.00N/0814412.00W	1641	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITIOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 13		1	KFHB	FERNANDINA BEACH	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
FIX MOVED 27.22' NE
HOLD PAT 1 CRS INBOUND & RAD/CRS/BRG CHANGED FROM 130.47/310.47 TO 130.49/310.49.

DEVELOPED BY: **DATE:** 06/08/2012 **OFFICE:** AJV-352 **NAME:** BRIAN SHAFFER

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

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: HIROP **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 303844.19N/0813107.19W **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 13			KFHB	FERNANDINA BEACH	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
FIX MOVED 1215.18'/0.20 NM NW.

DEVELOPED BY: **DATE:** 06/08/2012 **OFFICE:** AJV-352 **NAME:** BRIAN SHAFFER

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

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: HUPAR **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 304902.92N/0813551.18W **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 13			KFHB	FERNANDINA BEACH	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 01/10/2013

REASON FOR REVISION:
FIX MOVED 28.74' NE

DEVELOPED BY: **DATE:** 06/08/2012 **OFFICE:** AJV-352 **NAME:** BRIAN SHAFFER

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

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: JOBUK **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 303915.33N/0814356.19W **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 13			KFHB	FERNANDINA BEACH	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
FIX MOVED 29.77' N.

DEVELOPED BY: **DATE:** 06/08/2012 **OFFICE:** AJV-352 **NAME:** BRIAN SHAFFER

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: JAX
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: ZIGOL **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 304025.16N/0813350.60W **TYPE:** WP

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

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

REMARKS:
RNP PFAF LOCATION.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 13			KFHB	FERNANDINA BEACH	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 01/10/2013

REASON FOR REVISION:
FIX MOVED 804.37'/0.13 NM NW.

DEVELOPED BY: **DATE:** 06/08/2012 **OFFICE:** AJV-352 **NAME:** BRIAN SHAFFER

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

SIGNATURE:

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

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **FERNANDINA BEACH** STATE: **FL**

AIRPORT NAME: **FERNANDINA BEACH MUNI** ID: **KFHB**

PROCEDURE: **RNAV (GPS) RWY 13** AMDT: **2**

DOCKET#: **NOT REQUIRED**
(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 **3.26**
   (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 **125.54**
4. High Terrain in **FINAL** segment containing 1000' point **50**
5. Distance from **THLD** to 1500' point **5.29**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.39**
7. True Course of **FINAL** segment containing 1500' point **125.54**
8. High Terrain in **FINAL** segment containing 1500' point **50**
9. Threshold Coordinates (if straight-in) ... **303652.23N** / **0812806.19W**
10. ARP Coordinates ..... **303642.60N** / **0812740.30W**
11. Runway Approach End and distance furthest from ARP ..... RWY **7**
    Distance **0.51** NM
12. FAF Coordinates ..... **304025.16N** / **0813350.60W**

REMARKS: Approach/Drawing attached.

TAA: JOBUK (IAF) 303915.33N-0814356.19W; HUPAR (IAF) 304902.92N-0813551.18W

ACAPU (IF/IAF) 304409.19N-0813953.88W RADIUS: 30 NM

RADIO FIX AND HOLDING DATA RECORD

NAME: IVADE **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 303346.71N/0812306.60W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 13			KFHB	FERNANDINA BEACH	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 06/03/2010

DEVELOPED BY: **DATE:** 01/22/2010 **OFFICE:** AVN-110 **NAME:** ROBERT COOK

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

SIGNATURE:

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

CANCELLATION
EFFECTIVE CONCURRENT WITH PUBLICATION OF RNAV (GPS) RWY 13, AMDT 2

RADIO FIX AND HOLDING DATA RECORD

NAME: JEMSO **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 304244.59N/0811541.24W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 13			KFHB	FERNANDINA BEACH	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 06/03/2010

DEVELOPED BY: **DATE:** 01/22/2010 **OFFICE:** AVN-110 **NAME:** ROBERT COOK

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

SIGNATURE:

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

CANCELLATION
EFFECTIVE CONCURRENT WITH PUBLICATION OF RNAV (GPS) RWY 13, AMDT 2

RADIO FIX AND HOLDING DATA RECORD

NAME: OMWIP **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 304908.98N/0812604.69W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 13			KFHB	FERNANDINA BEACH	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 06/03/2010

DEVELOPED BY: **DATE:** 01/22/2010 **OFFICE:** AVN-110 **NAME:** ROBERT COOK

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

SIGNATURE:

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

CANCELLATION

EFFECTIVE CONCURRENT WITH PUBLICATION OF RNAV (GPS) RWY 13, AMDT 2