

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**

TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> FERNANDINA BEACH MUNI	<u>AIRPORT ID</u> KFHB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> 1D	<u>CITY</u> FERNANDINA BEACH	<u>STATE</u> FL	
<u>AIRPORT ELEVATION</u> 16	<u>TDZE</u> 16	<u>SUPERSEDED</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 08/16/2018	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 DECEMBER 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 131/30 CW 311/30	NOPT	131/4 CW 311/4		3000
2. 131/4 CW 311/4		EZDAW	IF/IAF	2000
3. 311/30 CW 041/30		HEVIP	IAF	3000
4. 041/30 CW 131/30		041/10 CW 131/10		4000
5. 041/10 CW 131/10		IFWOC	IAF	3000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
HEVIP	IAF	EZDAW	NOPT	TF	FB	1.00	310.69	6.00	2000
IFWOC	IAF	EZDAW	NOPT	TF	FB	1.00	130.59	6.00	2000
EZDAW	IF/IAF	CUGTO		TF	FB	1.00	220.64	6.65	2000
CUGTO	FAF	FIVBA/3.10 NM TO RW22		TF	FB	0.30	220.62	2.75	
FIVBA/3.10 NM TO RW22		RW22	MAP	TF	FO	0.30	220.62	3.10	
RW22	MAP	600 MSL		CA			220.62		600
600 MSL		EZDAW		DF	FO	1.00			2000

QUALITY
10
CHECKED

MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW22

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2000 DIRECT EZDAW AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)				
2. HOLD NE EZDAW, RT, 220.64 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.									
3. FAC:	220.62	FAF: CUGTO	DIST FAF TO MAP: 5.85		DIST FAF TO THLD: 5.85				
4. MIN ALT: EZDAW 2000, CUGTO 2000, FIVBA/3.10 NM TO RW22 1080*									
5. DIST TO THLD FROM OM:		MM:	IM:	150 HAT:	304 HAT: 0.74	GS ANT:			
6. MIN GP INCPT: 2000		GP ALT AT FAF : CUGTO 2000			OM:		MM:		IM:
7. GP ANGLE:	3.10	34:1: IS NOT CLEAR	20:1: IS NOT CLEAR	TCH: 60.0					
8. MSA FROM:									

PBN REQUIREMENTS NOTE:
RNP APCH.

NOTES:
CHART NOTE: CIRCLING RWY 9, 22, 27 NA AT NIGHT.
CHART NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
*LNAV ONLY
CHART NOTE: STRAIGHT-IN RWY 22 NA AT NIGHT.
CHART PLANVIEW NOTE AT HEVIP: MAX 210 KIAS.
CHART PLANVIEW NOTE AT IFWOC: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:
CHART CIRCLING ICON.
CHART P-50
WAAS CHANNEL #50430
REFERENCE PATH ID: W22A
CHART FAS OBST: 168 ANTENNA 303704N/0812744W.
LTP HAE: -24 M



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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	320	1	304	320	1	304	320	1	304	320	1	304			
LNAV/VNAV DA	419	1 1/4	403	419	1 1/4	403	419	1 1/4	403	419	1 1/4	403			
LNAV MDA	420	1	404	420	1	404	420	1 1/8	404	420	1 1/8	404			
CIRCLING	480	1	464	480	1	464	580	1 1/2	564	580	2	564			

CHANGES - REASONS

1. CIRCLING CAT C MDA/HAA INCREASED FROM 480/464 TO 580/564. - NEW CIRCLING RADII APPLIED IAW 8260.3D.
2. TERMINAL ROUTES: HEVIP TO EZDAW COURSE UPDATED FROM 310.71 TO 310.69, IFWOC TO EZDAW COURSE UPDATED FROM 130.61 TO 130.59; EZDAW TO CUGTO COURSE UPDATED FROM 220.66 TO 220.64. - VERIFIED WITH TARGETS BUILD.
3. PROFILE LINE 2: COURSE UPDATED FROM 220.66 TO 220.64; ADDED "CHART MAX 6000" TO HOLD-IN LIEU. - PER .19H 1-3-1 2(A); PER .19H PARA 8-6-7B (2).
4. PROFILE LINE 5: DIST TO THLD FROM 304 HAT: 0.74 ADDED. - IAW 8260.19H 8-6-7 E(3).
5. PROFILE LINE 7: 20:1 IS NOT CLEAR ADDED. - 20:1 PENETRATIONS EXIST.
6. CHART NOTE: BARO-VNAV NA WHEN USING JACKSONVILLE INTL ALTIMETER SETTING REMOVED. - MOVED TO 8260-9 FOR CONTINGENCY USE.
7. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 46C (115F) UPDATED TO -15C TO 54C. - FAHRENHEIT REMOVED, HIGH TEMP UPDATED IAW 8260.19H.
8. CHART NOTE: ALTERNATE ALTIMETER NOTE REMOVED. - MOVED TO 8260-9 FOR CONTINGENCY USE.
9. CHART NOTE: RWY 22 STRAIGHT-IN NA AT NIGHT ADDED. - INCORPORATE NOTAM 9/8088; 20:1 PENETRATIONS EXIST.
10. CHART NOTE: CIRCLING RWY 9, 13, 22, 27 NA AT NIGHT UPDATED TO CIRCLING RWY 9, 22, 27 NA AT NIGHT. - INCORPORATE NOTAM 9/8088; NO 20:1 PENETRATIONS EXIST ON RWY 13.
11. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA UPDATED TO RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. - IAW 8260.19H.
12. ADDITIONAL FLIGHT DATA: CHART CIRCLING ICON ADDED. - NEW CIRCLING RADII APPLIED IAW 8260.3D.
13. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 168 TWR UPDATED TO 168 ANTENNA. - LNAV STEPDOWN OBSTACLE UPDATED.
14. ADDITIONAL FLIGHT DATA: 200 SHIP 393002N/0812454W REMOVED. - LATITUDE/LONGITUDE OUTSIDE PROCEDURE.
15. ALTERNATE MINIMUMS STANDARD ADDED. - PRIMARY AND ALTERNATE AIRPORTS HAVE SUITABLE WEATHER REPORTING.
16. ALL CHANGES FROM AMDT 1A THRU 1C HAVE BEEN INCORPORATED INTO THIS PROCEDURE.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZJX, JAX APP CON, AMGR

10//9/19: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 7/9/19.
1. ADDED ROUTINE TO REQUIRED EFFECTIVE DATE ON THE FAA FORM 8260-3.

FLIGHT CHECKED BY

JEFFREY ECKMAN

Digitally signed by OFFICE

WARDELL HENNING FICO

Oct 08, 2019

DATE

10/03/19

DEVELOPED BY

WARDELL HENNING (BARBARA GORMAN)

Digitally signed by
WARDELL HENNING

OFFICE

AJV-A432

DATE

07/15/2019

APPROVED BY

LONNIE EVERHART

Digitally signed by
WARDELL HENNING

Oct 08, 2019

OFFICE

AJV-A430

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFHB
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	303656.3875N
LTP/FTP LONGITUDE	0812727.1240W
LTP/FTP ELLIPSOIDAL HEIGHT	-00240
FPAP LATITUDE	303543.7600N
FPAP LONGITUDE	0812827.2060W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.10
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1272
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7F7C172B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00045
FPAP ORTHOMETRIC HEIGHT	+00045

