

**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 ID</u> KGIF	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 11	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> WINTER HAVEN	<u>STATE</u> FL		
<u>AIRPORT ELEVATION</u> 146	<u>TDZE</u> 145	<u>SUPERSEDED</u> RNAV (GPS) RWY 11	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 09/09/2021	<u>MAG VAR</u> 4W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 1 DECEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 017/30 CW 197/30	NOPT	017/20 CW 197/20		2600
2. 017/20 CW 197/20		HOVOM	IF/IAF	1900
3. 197/30 CW 287/30		197/9 CW 287/9		2100
4. 197/9 CW 287/9		NURIY	IAF	1900
5. 287/30 CW 017/30		287/9 CW 017/9		2600
6. 287/9 CW 017/9		RIYDO	IAF	1900

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
NURIY	IAF	HOVOM	NOPT	TF	FB	1.00	197.07	5.00	1900
RIYDO	IAF	HOVOM	NOPT	TF	FB	1.00	017.05	5.00	1900
HOVOM	IF/IAF	JOSIR		TF	FB	1.00	107.06	6.10	1800
JOSIR	FAF	OVIKE/2.50 NM TO RW11		TF	FB	0.30	107.12	2.49	
OVIKE/2.50 NM TO RW11		RW11	MAP	TF	FO	0.30	107.12	2.50	
RW11	MAP	395 MSL		CA			107.12		
395 MSL		RAVYO		DF	FO	1.00			2600



MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW11

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2600 DIRECT RAVYO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD W HOVOM, RT, 107.06 INBOUND, 1900 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC:	107.12	FAF: JOSIR	DIST FAF TO MAP: 4.99		DIST FAF TO THLD: 4.99
4. MIN ALT: HOVOM 1900, JOSIR 1800, OVIKE/2.50 NM TO RW11 980					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.64	GS ANT:
6. MIN GP INCPT:	1800	GP ALT AT PFAF :	JOSIR 1800	OM:	MM:
7. GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS NOT CLEAR
8. MSA FROM:					

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 11 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: BARO-VNAV NA WHEN USING BARTOW ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 3°C OR ABOVE 54°C.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BARTOW ALTIMETER SETTING AND INCREASE LPV DA TO 415 FEET; INCREASE LNAV/VNAV DA TO 667 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 20 FEET.
CHART NOTE: STRAIGHT-IN RWY 11 NA AT NIGHT, CIRCLING RWY 5, 11, 29 NA AT NIGHT

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 287.26 INBOUND.
CHART FAS OBST: 457 TOWER (12-000526) 280352N/0814756W.
WAAS CHANNEL # 86502
REFERENCE PATH ID: W11A
LTP HAE: 16.9 M



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

ALTERNATE: NA ☐ STANDARD - CAT D 900-2 3/4, 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	395	1	250	395	1	250	395	1	250	395	1	250			
LNAV/VNAV DA	647	1 3/8	502	647	1 3/8	502	647	1 3/8	502	647	1 3/8	502			
LNAV MDA	760	1	615	760	1	615	760	1 3/4	615	760	1 3/4	615			
CIRCLING	760	1	614	760	1	614	820	2	674	960	2 3/4	814			

CHANGES - REASONS

- AIRPORT ELEVATION CHANGED FROM 145 TO 146 - UPDATED AIRPORT DATA.
- PROFILE LINE 4: UPDATED OVIKE/2.50 NM TO RW11 ALT FROM 980* TO 980 - ASTERISK NO LONGER REQUIRED.
- PROFILE LINE 5: UPDATED 250 HAT FROM 0.65 TO 0.64 - UPDATED EVALUATION.
- NOTES: UPDATED FROM "STRAIGHT-IN AND CIRCLING RWY 11 NA AT NIGHT" TO "STRAIGHT-IN RWY 11 NA AT NIGHT, CIRCLING RWY 5, 11, 29 NA AT NIGHT" - 20:1 PENETRATIONS IDENTIFIED.
- NOTES: UPDATED CHART NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BARTOW ALTIMETER SETTING AND INCREASE ALL DA/MDAS 20 FEET" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BARTOW ALTIMETER SETTING AND INCREASE LPV DA TO 415 FEET; INCREASE LNAV/VNAV DA TO 667 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 20 FEET" - UPDATED VIS PER 8260.3 TABLE 3-3-1 AND CHARTING CRITERIA.
- NOTES: UPDATED CHART NOTE FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 3°C OR ABOVE 54°C" - UPDATED 5 YR WEATHER STUDY.
- ADDITIONAL FLIGHT DATA: DELETED *LNAV ONLY - NO LONGER REQUIRED.
- ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST FROM "457 TOWER 280352N/0814756W" TO "457 TOWER (12-000526) 280352N/0814756W" - UPDATED DOCUMENTATION CRITERIA.
- MINIMUMS: LNAV/VNAV: UPDATED VISIBILITY ALL CATS FROM 1 3/4 TO 1 3/8 - IAW 8260.3 TABLE 3-3-1.
- MINIMUMS: CIRCLING HAA VALUES UPDATED FROM "CAT A/B 615, CAT C 675, CAT D 815" TO "CAT A/B 614, CAT C 674, CAT D 814" - UPDATED AIRPORT ELEVATION.
- FAS DATA: UPDATED LTP/FTP LAT/LONG FROM "280348.8960N 0814537.8485W" TO "280348.8975N 0814537.8465W" - UPDATED EVALUATION.
- FAS DATA: UPDATED FPAP LAT/LONG FROM "280328.5500N 0814359.7800W" TO "280328.5560N 0814359.7785W"
- FAS DATA: CRC REMAINDER CHANGED FROM "828B4113" TO "641259E0" - LTP/FTP AND FPAP DATA CHANGED.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZJX, TPA APP CON, AIRPORT MGR

FLIGHT CHECKED BY

KEVIN RIESE

Digitally signed by
JASON KRETSCHMER
Sep 16, 2022

OFFICE
FPO

DATE
09/14/2022

DEVELOPED BY

PATRICK COMBS

Digitally signed by
JASON KRETSCHMER
Aug 05, 2022

OFFICE
AJV-A421

DATE
07/26/2022

APPROVED BY

MARLON ROBINSON

Digitally signed by
JASON KRETSCHMER
Aug 05, 2022

OFFICE
AJV-A420

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGIF
RUNWAY	RW11
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W11A
LTP/FTP LATITUDE	280348.8975N
LTP/FTP LONGITUDE	0814537.8465W
LTP/FTP ELLIPSOIDAL HEIGHT	+00169
FPAP LATITUDE	280328.5560N
FPAP LONGITUDE	0814359.7785W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	641259E0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00436
FPAP ORTHOMETRIC HEIGHT	+00436

