

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> WINTER HAVEN RGNL	<u>AIRPORT ID</u> KGIF	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 11	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> WINTER HAVEN	<u>STATE</u> FL	
<u>AIRPORT ELEVATION</u> 145	<u>TDZE</u> 145	<u>SUPERSEDED</u> RNAV (GPS) RWY 11	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 11/23/2006	<u>MAG VAR</u> 4W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 28 FEBRUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
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

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
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: 0.65	GS ANT:			
6. MIN GP INCPT:	1800	GP ALT AT FAF : JOSIR			OM:		MM:		IM:
7. GP ANGLE:	3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 45.0					
8. MSA FROM:									

PBN REQUIREMENTS NOTE:

RNP APPROACH

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART NOTE: STRAIGHT-IN MINIMUMS NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BARTOW ALTIMETER SETTING AND INCREASE ALL DA/MDAS 20 FEET.
CHART NOTE: BARO-VNAV NA WHEN USING BARTOW ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART VDP AT 1.76 NM TO RW11*
*LNAV ONLY
WAAS CHANNEL #86502
REFERENCE PATH ID: W11A
CHART FAS OBST: 457 TOWER 280352N/0814756W.
HOLD E, RT, 287.26 INBOUND
LTP HAE: 16.9 M



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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, 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 3/4	502	647	1 3/4	502	647	1 3/4	502	647	1 3/4	502			
LNAV MDA	760	1	615	760	1	615	760	1 3/4	615	760	2	615			
CIRCLING	760	1 3/4	615	760	1 3/4	615	760	1 3/4	615	820	2 1/4	675			

- CHANGES - REASONS
1. CHANGED ALL REFRENCES OF AIRPORT NAME FROM WINTER HAVEN GILBERT TO WINTER HAVEN RGNL - AIRPORT NAME CHANGE.
 2. CHANGED CHART NOTE FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C(5F) OR ABOVE 48C(119F) TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C OR ABOVE 48C - UPDATED CHART NOTE IAW 8260-19.
 3. CHANGED CHART NOTE FROM VISIBILITY REDUCTION BY HELICOPTERS NA TO RWY 11 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED - UPDATED CHART NOTE IAW 8260 -19.
 4. ADDED CA LEG TO MISSED APPRAOCH SEGMENT - IAW 8260.58 REQUIRED FOR RNAV PROCEDURE.
 5. CHANGED BARO-VNAV CRITICAL HIGH TEMP FROM 48 DEGREES C TO 54 DEGREES C - UPDATED DATA.
 6. UPDATED ALSTG NOTE FROM IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE BARTOW MUNI ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 20 FEET TO WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BARTOW ALTIMETER SETTING AND INCREASE ALL DA/MDAS 20 FEET.
 7. DELETED HELICOPTER VISI NOTE - 34:1 AREA IS CLEAR.
 8. DELETED DME/DME RNP-0.3 NA NOTE AND ADDED PBN REQUIREMENTS NOTE: RNP APCH.

COORDINATED WITH:

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

FLIGHT CHECKED BY

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCT 3, 2018.

DEVELOPED BY

WARDELL HENNING

APPROVED BY

PATRICK MULQUEEN

OFFICE

Digitally signed by
WARDELL HENNING
Oct 29, 2018

OFFICE

AJV-5433

OFFICE

AJV-5430

DATE

09/04/2018

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
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	280348.8960N
LTP/FTP LONGITUDE	0814537.8485W
LTP/FTP ELLIPSOIDAL HEIGHT	+00169
FPAP LATITUDE	280328.5500N
FPAP LONGITUDE	0814359.7800W
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	828B4113
ADDITIONAL PATH POINT RECORD INFORMATION	
ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00436
FPAP ORTHOMETRIC HEIGHT	+00436

