

**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> ZEPHYRHILLS MUNI	<u>AIRPORT ID</u> KZPH	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 19	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> ZEPHYRHILLS	<u>STATE</u> FL	
<u>AIRPORT ELEVATION</u> 90	<u>TDZE</u> 90	<u>SUPERSEDED</u> RNAV (GPS) RWY 19	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 09/18/2014	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 DECEMBER 2019	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 096/30 CW 276/30	NOPT	IXROV	IF/IAF	2000
2. 276/30 CW 006/30		276/20 CW 006/20		2200
3. 276/20 CW 006/20		UTAWI	IAF	2000
4. 006/30 CW 096/30		006/20 CW 096/20		2600
5. 006/20 CW 096/20		OZGUB	IAF	2000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
UTAWI	IAF	IXROV	NOPT	TF	FB	1.00	276.31	6.00	2000
OZGUB	IAF	IXROV	NOPT	TF	FB	1.00	096.26	6.00	2000
IXROV	IF/IAF	WOVLU		TF	FB	1.00	186.31	6.10	1700
WOVLU	FAF	JEGPI/2.30 NM TO RW19		TF	FB	0.30	186.31	2.63	
JEGPI/2.30 NM TO RW19		RW19	MAP	TF	FO	0.30	186.31	2.30	
RW19	MAP	340 MSL		CA			186.31		
340 MSL		UFSOP		DF	FO				2000



MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW19

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 2000 DIRECT UFSOP AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)					
2. HOLD N IXROV, RT, 186.31 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.									
3. FAC:	186.31	FAF: WOVLU	DIST FAF TO MAP: 4.93		DIST FAF TO THLD: 4.93				
4. MIN ALT: IXROV 2000, WOVLU 1700, JEGPI/2.30 NM TO RW19 860*									
5. DIST TO THLD FROM OM:		MM:	IM:	150 HAT:	250 HAT: 0.66	GS ANT:			
6. MIN GP INCPT: 1700		GP ALT AT FAF : WOVLU 1700			OM:		MM:		IM:
7. GP ANGLE:	3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 40.0					
8. MSA FROM:									

PBN REQUIREMENTS NOTE:
RNP APCH.

NOTES:
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}).
CHART PLANVIEW NOTE AT UTAWI: MAX 235 KIAS
CHART PLANVIEW NOTE AT OZGUB: MAX 235 KIAS

ADDITIONAL FLIGHT DATA:
CHART CIRCLING ICON
CHART VDP 1.09 NM TO RW19*
*LNAV ONLY
WAAS CHANNEL #78436
REFERENCE PATH ID: W19A
CHART FAS OBST: 212 RIG 281518N/0820908W.
CHART: 449 AAO 281902N/0820809W, 207 TRANSMISSION_LINE 281625N/0820956W.
HOLD S, RT, 006.31 INBOUND
LTP HAE: 1 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	340	7/8	250	340	7/8	250	340	7/8	250	340	7/8	250			
LNAV/VNAV DA	380	1	290	380	1	290	380	1	290	380	1	290			
LNAV MDA	480	1	390	480	1	390	480	1 1/8	390	480	1 1/8	390			
CIRCLING	740	1	650	740	1	650	740	1 3/4	650	740	2	650			

CHANGES - REASONS

1. MOVED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA EXECUTIVE ALTIMETER SETTING AND INCREASE ALL LPV DA TO 388 FEET, LNAV/VNAV DA TO 428 AND ALL MDA 60 FEET. INCREASE LNAV CAT C/D AND CIRCLING CAT C/D VISIBILITY 1/4 SM. - REFERENCE REVISED CRITERIA AND MOVED IT THE BACK OF THE 8260-9.
2. UPDATED LNAV MDA/HAT FROM 380/290 TO 480/390 ALL CATS - NEW CONTROLLING OBSTACLE FROM NEW SURVEY FOR LNAV AND TO CANCEL NOTAM !FDC 8/8816.
3. UPDATED LNAV VIS CAT C/D FROM 1 TO 1 1/8 - VS CK CALCULATOR.
4. FAS DATA: CRC REMAINDER CHANGED FROM 49DC2B5C TO 617E6DC4 - DUE TO CHANGES IN ELLIPSOIDAL AND ORTHOMETRIC HEIGHTS, AND LTP/FTP LONGITUDE.
5. REMOVED DME/DME RNP-0.3 NA AND ADDED EQUIPMENT REQUIREMENTS NOTE: RNP APCH - 8260.19H PARA 8-6-8 B(1).
6. REMOVED FAHRENHEIT VALUES FROM UNCOMPENSATED BARO-VNAV NOTE - IAW 8260.19H PARA 8-6-9 S.
7. IN CHART NOTES CHANGED MILES TO SM - IAW 8260.3D 2-1-5 C.
8. LINE 7 ADDED: "20:1 IS CLEAR" AND "34:1 IS CLEAR" - NO 20:1 OR 34:1 PENETRATIONS EXIST ON RWY 19.
9. ADDITIONAL FLIGHT DATA: ADDED VDP. - PROCEDURE QUALIFIES.

COORDINATED WITH:

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

FLIGHT CHECKED BY

TERRY HESTER

Digitally signed by

WARDELL HENNING

FICO

Sep 20, 2019

DATE

9/6/19

DEVELOPED BY

DONALD H. LANIER (ARTHUR ULVESTAD)

Digitally signed by

WARDELL HENNING

Sep 20, 2019

OFFICE

AJV-A431

DATE

06/21/2019

APPROVED BY

GEORGE DAVIS

Digitally signed by

WARDELL HENNING

Sep 20, 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	KZPH
RUNWAY	RW19
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	281359.3355N
LTP/FTP LONGITUDE	0820911.8480W
LTP/FTP ELLIPSOIDAL HEIGHT	+00010
FPAP LATITUDE	281229.9980N
FPAP LONGITUDE	0820912.3915W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1320
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	617E6DC4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00272
FPAP ORTHOMETRIC HEIGHT	+00272

