

**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 1	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> ZEPHYRHILLS	<u>STATE</u> FL	
<u>AIRPORT ELEVATION</u> 90	<u>TDZE</u> 87	<u>SUPERSEDED</u> RNAV (GPS) RWY 1	<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. 276/30 CW 096/30	NOPT	276/10 CW 096/10		2700
2. 276/10 CW 096/10		UFSOP	IF/IAF	2000
3. 096/30 CW 186/30		096/10 CW 186/10		2600
4. 096/10 CW 186/10		ELIJE	IAF	2000
5. 186/30 CW 276/30		186/15 CW 276/15		2200
6. 186/15 CW 276/15		ICZOR	IAF	2000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ELIJE	IAF	UFSOP	NOPT	TF	FB	1.00	096.26	6.00	2000
ICZOR	IAF	UFSOP	NOPT	TF	FB	1.00	276.36	6.00	2000
UFSOP	IF/IAF	ERKAF		TF	FB	1.00	006.31	6.10	1700
ERKAF	FAF	DATRY/2.60 NM TO RW01		TF	FB	0.30	006.31	2.36	
DATRY/2.60 NM TO RW01		RW01	MAP	TF	FO	0.30	006.31	2.60	
RW01	MAP	337 MSL		CA			006.31		
337 MSL		IXROV		DF	FO				2000



MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW01

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

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)					
2. HOLD S UFSOP, RT, 006.31 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.									
3. FAC:	006.31	FAF: ERKAF	DIST FAF TO MAP: 4.96		DIST FAF TO THLD: 4.96				
4. MIN ALT: UFSOP 2000, ERKAF 1700, DATRY/2.60 NM TO RW01 940*									
5. DIST TO THLD FROM OM:		MM:	IM:	150 HAT:	250 HAT: 0.69	GS ANT:			
6. MIN GP INCPT: 1700		GP ALT AT FAF : ERKAF 1700			OM:		MM:		IM:
7. GP ANGLE:	3.00	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 40.0					
8. MSA FROM:									

PBN REQUIREMENTS NOTE:
RNP APCH.

NOTES:
CHART NOTE: RWY 1 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 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}).
CHART PLANVIEW NOTE AT ELIJE: MAX 235 KIAS
CHART PLANVIEW NOTE AT ICZOR: MAX 235 KIAS

ADDITIONAL FLIGHT DATA:
CHART CIRCLING ICON
CHART VDP 1.06 NM TO RW01*
*LNAV ONLY
WAAS CHANNEL #69636
REFERENCE PATH ID: W01A
CHART FAS OBST: 199 CRANE 281223N/0820843W.
HOLD N, RT, 186.31 INBOUND
LTP HAE: -1.8 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	337	7/8	250	337	7/8	250	337	7/8	250	337	7/8	250			
LNAV/VNAV DA	366	7/8	279	366	7/8	279	366	7/8	279	366	7/8	279			
LNAV MDA	460	1	373	460	1	373	460	1	373	460	1	373			
CIRCLING	740	1	650	740	1	650	740	1 3/4	650	740	2	650			

CHANGES - REASONS

1. REMOVED DME/DME RNP-0.3 NA AND ADDED EQUIPMENT REQUIREMENTS NOTE: RNP APCH - 8260.19H PARA 8-6-8 B(1).
2. REMOVED FAHRENHEIT VALUES FROM UNCOMPENSATED BARO-VNAV NOTE - IAW 8260.19H PARA 8-6-9 S.
3. IN CHART NOTES CHANGED MILES TO SM - IAW 8260.3D 2-1-5 C.
4. UPDATED CHART NOTE: "HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "RWY 1 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - 8260.19H 8-6-11 K. (3).
5. LINE 7 ADDED: "20:1 IS CLEAR" - NO 20:1 PENETRATIONS EXIST ON RWY 1.
6. UPDATED BACKUP ALTIMETER NOTE FROM: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA EXECUTIVE ALTIMETER SETTING AND INCREASE ALL DA 48 FEET AND ALL MDA 60 FEET, INCREASE LPV ALL CATS AND LNAV CAT C/D VISIBILITY 1/8 SM, LNAV/VNAV ALL CATS AND CIRCLING CAT C/D VISIBILITY 1/4 SM TO CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA EXECUTIVE ALTIMETER SETTING AND INCREASE LPV DA TO 385, LNAV/VNAV DA 414, INCREASE ALL MDA 60 FEET, INCREASE VISIBILITY LNAV/VNAV ALL CATS 1/8 SM, INCREASE LNAV AND CIRCLING CATS C/D 1/4 SM - REFERENCE REVISED CRITERIA AND MOVED IT THE BACK OF THE 8260-9.
7. UPDATED LNAV MDA/HAT FROM 440/353 TO 460/373 ALL CATS - NEW CONTROLLING OBSTACLE FROM NEW SURVEY FOR LNAV AND TO CANCEL NOTAM !FDC 8/8800.
8. FAS DATA: CRC REMAINDER CHANGED FROM A33B2317 TO A62FC52D - DUE TO CHANGES IN ELLIPSOIDAL AND ORTHOMETRIC HEIGHTS, AND LTP/FTP LATITUDE.
9. ADDITIONAL FLIGHT DATA: ADDED VDP. - PROCEDURE QUALIFIES.

COORDINATED WITH:

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

FLIGHT CHECKED BY

TERRY HESTER

Digitally signed by OFFICE

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

06/20/2019

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	RW01
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W01A
LTP/FTP LATITUDE	281315.8925N
LTP/FTP LONGITUDE	0820912.1145W
LTP/FTP ELLIPSOIDAL HEIGHT	-00018
FPAP LATITUDE	281445.2295N
FPAP LONGITUDE	0820911.5705W
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	1416
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	A62FC52D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00244
FPAP ORTHOMETRIC HEIGHT	+00244

