

**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 5	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> ZEPHYRHILLS	<u>STATE</u> FL	
<u>AIRPORT ELEVATION</u> 90	<u>TDZE</u> 85	<u>SUPERSEDED</u> RNAV (GPS) RWY 5	<u>ORIGINAL/AMENDMENT</u> ORIG	<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> 7 NOVEMBER 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 319/30 CW 139/30	NOPT	319/10 CW 139/10		2700
2. 319/10 CW 139/10		BRUNT	IF/IAF	2000
3. 139/30 CW 229/30		CANSA	IAF	2000
4. 229/30 CW 319/30		229/15 CW 319/15		2300
5. 229/15 CW 319/15		DARPE	IAF	2000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
CANSA	IAF	BRUNT	NOPT	TF	FB	1.00	138.61	5.00	2000
DARPE	IAF	BRUNT	NOPT	TF	FB	1.00	318.67	5.00	2000
BRUNT	IF/IAF	AIMER		TF	FB	1.00	048.64	5.00	1700
AIMER	FAF	RW05	MAP	TF	FO	0.30	048.67	4.90	
RW05	MAP	373 MSL		CA			048.67		
373 MSL		FIFES		DF	FO	1.00			2000

QUALITY
10
CHECKED

MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW05

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

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)					
2. HOLD SW BRUNT, RT, 048.64 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.									
3. FAC:	048.67	FAF: AIMER	DIST FAF TO MAP: 4.90		DIST FAF TO THLD: 4.90				
4. MIN ALT: BRUNT 2000, AIMER 1700									
5. DIST TO THLD FROM OM:		MM:	IM:	150 HAT:	288 HAT: 0.73	GS ANT:			
6. MIN GP INCPT: 1700		GP ALT AT FAF : AIMER 1700			OM:		MM:		IM:
7. GP ANGLE:	3.00	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 55.0					
8. MSA FROM:									

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 5 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}).

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
CHART VDP AT 1.22 NM TO RW05*
*LNAV ONLY
WAAS CHANNEL #86238
REFERENCE PATH ID: W05A
CHART FAS OBST: 390 TWR 281341N/0821046W.
HOLD NE, RT, 228.77 INBOUND
LTP HAE: -0.2 M



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

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

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	373	1	288	373	1	288		NA			NA				
LNAV/VNAV DA	582	1 5/8	497	582	1 5/8	497		NA			NA				
LNAV MDA	600	1	515	600	1	515		NA			NA				
CIRCLING	740	1	650	740	1	650		NA			NA				

CHANGES - REASONS

PREVIOUSLY CHARTED CHANGES FROM NOTAM 9/0647 ACTIONS FROM ORIG AMENDMENT HAVE BEEN INCORPORATED ON THIS FORM. - IAW 8260.19H CHAP 8 PARA 8-3-4B(15)2.

1. REMOVED DME/DME RNP-0.3 NA NOTE AND ADDED RNP APPROACH TO PBN REQUIREMENTS NOTE. - 8260.19H PARA 1-1-5 F (14).
2. UPDATED PROFILE NOTE FROM "VGSI AND RNAV GLIDEPATH NOT COINCIDENT" TO VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH{FEET}). - IAW 8260.19H CHAP 8, PARA 8-6-9M(1).
3. REMOVED THE BACK-UP ALTIMETER NOTE AND ALL ASSOCIATED NOTES - ADDED TO -9 FOR CONTINGENCY PURPOSES.
4. UPDATED TEMPERATURE NOTE FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F)" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C OR ABOVE 54C" - 8260.19H 8-6-9. S.
5. UPDATED HELICOPTER NOTE FROM "HELICOPTER VISIBILITY REDUCTION BY 1 SM NA TO RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. - ADDED "20:1 IS CLEAR" ON LINE 7 - PENETRATIONS REMOVED WITH NEW SURVEY AND VISUAL AREAS - 8260.19H.
6. FAS DATA CHANGED - UPDATED LTP/FTP COORDINATES, FPAP COORDINATES, LTP/FTP ELLIPSOIDAL HEIGHT, LTP ORTHOMETRIC HEIGHT AND CRC REMAINDER CHANGED FROM CAC7DEE6 TO E05FA9FF - NEW SURVEY DATA.
7. LNAV ALL CATS MDA/HAT INCREASED FROM 540/455 TO 600/515 - NEW CONTROLLING OBSTACLE.
8. UPDATED VDP DISTANCE FROM 1.32NM TO 1.22NM - UPDATED AIRNAV DATA AND RECALCULATED USING TARGETS DATA.
9. ADDED "MAX 6000" TO HOLD-IN-LIEU ON LINE 2 - PER 8260.19H PARA 8-6-7B (2).
10. FAS OBST CHANGED FROM 274 AAO TO 390 TWR - NEW OBSTACLE STUDY.

COORDINATED WITH:

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

FLIGHT CHECKED BY

TERRY HESTER

Digitally signed by

WARDELL HENNING

Sep 20, 2019

OFFICE

FICO

DATE

9/6/19

DEVELOPED BY

WARDELL HENNING (ANTHONY KACZKA)

Digitally signed by

WARDELL HENNING

Sep 20, 2019

OFFICE

AJV-A432

DATE

05/06/2019

APPROVED BY

LONNIE EVERHART

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	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	281326.9505N
LTP/FTP LONGITUDE	0820949.5545W
LTP/FTP ELLIPSOIDAL HEIGHT	-00002
FPAP LATITUDE	281432.6010N
FPAP LONGITUDE	0820841.1385W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	E05FA9FF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00260
FPAP ORTHOMETRIC HEIGHT	+00260

