

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
GLUEY (IAF)	FIFES (NOPT) (FB)	318.81 / 5.50	2000	LPV: DA LNAV/VNAV: DA LNAV: RW23	
HAWKX (IAF)	FIFES (NOPT) (FB)	138.73 / 5.50	2000		
FIFES (IF/IAF)	ELOME (FB)	228.77 / 5.00	1700	CLIMB TO 2000 DIRECT BRUNT AND HOLD.	
ELOME (FAF)	RW23 (MAP) (FO)	228.74 / 4.90			
RW23 (MAP)	377 MSL	228.74			
377 MSL	BRUNT (FO)		2000	<b>ADDITIONAL FLIGHT DATA:</b> HOLD SW, RT, 048.64 INBOUND. CHART FAS OBST: 333 TOWER 281531N/0820820W DISTANCE TO THLD FROM 250 HAT: 0.62 NM. CHART VDP AT 1.50 MILES TO RW23* *LNAV ONLY. WAAS CHANNEL # 45538 REFERENCE PATH ID: W23A CHART CIRCLING ICON LTP HAE: 0.5 M	

1. PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
2. HOLD NE FIFES, RT, 228.77 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC: 228.74 FAF: ELOME DIST FAF TO MAP: 4.90 THLD: 4.90
4. MIN. ALT: FIFES 2000, ELOME 1700
5. DIST TO THLD FROM OM:        MM:        IM: 150 HAT: 100 HAT:        GS ANT:
6. MIN GS INCPT: 1700 GS ALT AT: ELOME 1700 OM:        MM:        IM:
7. GS ANGLE: 3.00 TCH: 53.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 6W                      EPOCH YEAR: 2015

MINIMUMS															
TAKEOFF:	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A			STANDARD @					
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	377	1	289	377	1	289	377	1	289	377	1	289			
LNAV/VNAV DA	409	1	321	409	1	321	409	1	321	409	1	321			
LNAV MDA	600	1	512	600	1	512	600	1 3/8	512	600	1 3/8	512			
CIRCLING	740	1	650	740	1	650	740	1 3/4	650	740	2	650			

**NOTES:**  
 CHART NOTE: BARO-VNAV AND VDP NA WHEN USING TAMPA EXECUTIVE ALTIMETER SETTING. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).  
 CHART NOTE: DME/DME RNP-0.3 NA.  
 CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.  
 (SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 90                      TDZE: 88	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ZEPHYRHILLS, FL	AIRPORT NAME: ZEPHYRHILLS MUNI		RNAV (GPS) RWY 23, ORIG 18 SEPTEMBER 2014	AMDT: NONE
				DATED

**RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

NOTES, (CONT.):

CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT.

CHART PLANVIEW NOTE AT GLUEY: MAX 210 KIAS

CHART PLANVIEW NOTE AT HAWKX: MAX 210 KIAS

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA EXECUTIVE ALTIMETER SETTING AND INCREASE ALL DA 48 FEET AND ALL MDA 60 FEET. INCREASE LPV AND LNAV/VNAV ALL CATS, LNAV AND CIRCLING CAT C/D VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	139/30 CW 319/30 (NOPT)	139/15 CW 319/15	2200
2.	139/15 CW 319/15	FIFES (IF/IAF) (FB)	2000
3.	319/30 CW 049/30	319/15 CW 049/15	2700
4.	319/15 CW 049/15	GLUEY (IAF) (FB)	2000
5.	049/30 CW 139/30	HAWKX (IAF) (FB)	2000

CITY AND STATE

ZEPHYRHILLS, FL

ELEVATION: 90

TDZE: 88

AIRPORT NAME:

ZEPHYRHILLS MUNI

FACILITY IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 23, ORIG

18 SEPTEMBER 2014

SUP:

AMDT: NONE

DATED:

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KZPH
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	281403.3435N
LTP/FTP LONGITUDE	0820911.6420W
LTP/FTP ELLIPSOIDAL HEIGHT	+00005
FPAP LATITUDE	281257.6930N
FPAP LONGITUDE	0821020.0535W
THRESHOLD CROSSING HEIGHT (TCH)	00053.0
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 ACD0C116

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00268
FPAP ORTHOMETRIC HEIGHT	+00268

CITY AND STATE ZEPHYRHILLS, FL	ELEVATION: 90	TDZE: 88	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, ORIG 18 SEPTEMBER 2014	SUP:
	AIRPORT NAME: ZEPHYRHILLS MUNI				AMDT: NONE
					DATED:



**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
 FLIGHT STANDARDS SERVICES - FAR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	FIFES	FIFES	010	IAF	HF	R	FO		228.8(222.8T)	004.0	AA 02000	
	GLUEY	GLUEY	010	IAF	IF		FB					AB 210
	GLUEY	FIFES	020		TF		FB	1.0	318.8(312.8T)	005.5	AA 02000	
	HAWKX	HAWKX	010	IAF	IF		FB					AB 210
	HAWKX	FIFES	020		TF		FB	1.0	138.7(132.7T)	005.5	AA 02000	
		FIFES	010	FACF	IF		FB				AA 02000	
		ELOME	020	FAF	TF		FB	0.5	228.8(222.8T)	005.0	AA 01700	
		RW23	030	MAP	TF		FO	0.3	228.7(222.7T)	004.9	AT 00141	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		228.7(222.7T)		AA 00377	
	BRUNT	050		DF		FO				AA 02000	
	BRUNT	060		HM	R	FO		048.6(042.6T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BRUNT	N280609.12	W0821724.98	N2806.152	W08217.416
	ELOME	N281739.72	W0820525.93	N2817.662	W08205.432
	FIFES	N282120.58	W0820135.16	N2821.343	W08201.586
	GLUEY	N281735.82	W0815700.75	N2817.597	W08157.013
	HAWKX	N282505.19	W0820609.90	N2825.087	W08206.165
	RW23	N281403.34	W0820911.64	N2814.056	W08209.194

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23	00088	53

CITY AND STATE  
ZEPHYRHILLS, FL

ELEVATION: 90 TDZE: 88  
AIRPORT NAME:  
ZEPHYRHILLS MUNI

FACILITY IDENTIFIER:  
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
RNAV (GPS) RWY 23, ORIG  
18 SEPTEMBER 2014

SUP:  
AMDT: NONE  
DATED: