

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
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.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW23 (MAP)	1600 MSL	234.36	1600
1600 MSL	ZETAV (FO)		3000

NOTES, (CONT.):

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILMINGTON AIR PARK ALTIMETER SETTING AND INCREASE ALL MDA 60FT, INCREASE LNAV CAT C,D VISIBILITY 1/8 MILE, INCREASE LP CAT C,D VISIBILITY 1/4 MILE, AND INCREASE CIRCLING CAT C VISIBILITY 1/8 MILE.

CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 23 PROCEDURE NA AT NIGHT

CHART NOTE: CIRCLING TO RWY 05 NA AT NIGHT.

CHART PLANVIEW NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY AT XUB VOR.



CITY AND STATE

HILLSBORO, OH

ELEVATION: 977

THRE: 931

AIRPORT NAME:

HIGHLAND COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 23, ORIG
7 FEBRUARY 2013

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KHOC
RUNWAY RW23
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR W23A
REFERENCE PATH IDENTIFIER (APPROACH ID) 391130.8845N
LTP/FTP LATITUDE 0833202.7060W
LTP/FTP LONGITUDE +02510
LTP/FTP ELLIPSOIDAL HEIGHT 391032.7200N
FPAP LATITUDE 0833329.5700W
FPAP LONGITUDE 00055.0
THRESHOLD CROSSING HEIGHT (TCH) F
TCH UNITS SELECTOR (METERS OR FEET USED) 03.00
GLIDEPATH ANGLE (GPA) 106.75
COURSE WIDTH AT THRESHOLD 1680
LENGTH OFFSET 40.0
HORIZONTAL ALERT LIMIT (HAL) 0.0
VERTICAL ALERT LIMIT (VAL)

CRC REMAINDER

AEF31A4D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02837
FPAP ORTHOMETRIC HEIGHT +02837



CITY AND STATE HILLSBORO, OH	ELEVATION: 977 THRE: 931 AIRPORT NAME: HIGHLAND COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, ORIG 7 FEBRUARY 2013	SUP:
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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KHOCK5FR23	ACVG	010CVG	K5D OV	IF					18000		A JS	
SUSAP	KHOCK5FR23	ACVG	020ZETAVK5EA0EY	020TF		07820669		+ 03000				A JS	
SUSAP	KHOCK5FR23	ACVG	030ZETAVK5EA0EE	AR HF		23440040		+ 03000				A JS	
SUSAP	KHOCK5FR23	AGAILL	010GAILLK5EA0E	A IF						18000		A JS	
SUSAP	KHOCK5FR23	AGAILL	020ZETAVK5EA0EE	B 010TF		16970162		+ 03000				A JS	
SUSAP	KHOCK5FR23	AXUB	010XUB	K5D OV A IF						18000		A JS	
SUSAP	KHOCK5FR23	AXUB	020ZETAVK5EA0EE	B 010TF		23910201		+ 03000				A JS	
SUSAP	KHOCK5FR23	R	010ZETAVK5EA0E	I IF				+ 03000		18000		A JS	
SUSAP	KHOCK5FR23	R	020JENUGK5EA1E	F 051TF		23440070		+ 02800			RW23	K5PGA JS	
SUSAP	KHOCK5FR23	R	020JENUGK5EA2WALP		N	ALNAV						JS	
SUSAP	KHOCK5FR23	R	021YIYULK5EA0E	S 031TF		23440025		V 0200002005		-300		A JS	
SUSAP	KHOCK5FR23	R	030RW23	K5PGOGY M 031TF		23440032		00986		-300		A JS	
SUSAP	KHOCK5FR23	R	040	0 M CA		2344		+ 01600				A JS	
SUSAP	KHOCK5FR23	R	050ZETAVK5EA0EY	L DF				+ 03000				A JS	
SUSAP	KHOCK5FR23	R	060ZETAVK5EA0EE	R HM		23440040		+ 03000				A JS	

[illegible]

CITY AND STATE
HILLSBORO, OH

ELEVATION: 977	THRE: 931
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PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	CVG	CVG	010		IF		FB					
	CVG	ZETAV	020		TF		FO	2.0	078.2(073.2T)	066.9	AA 03000	
	CVG	ZETAV	030	IAF	HF	R	FO		234.4(229.4T)	004.0	AA 03000	
	GAILL	GAILL	010	IAF	IF		FB					
	GAILL	ZETAV	020		TF		FB	1.0	169.7(164.7T)	016.2	AA 03000	
	XUB	XUB	010	IAF	IF		FB					
	XUB	ZETAV	020		TF		FB	1.0	239.1(234.1T)	020.1	AA 03000	
		ZETAV	010	FACF	IF		FB				AA 03000	
		JENUG	020	FAF	TF		FB	0.5	234.4(229.4T)	007.0	AA 02800	
		YIYUL	021	SDF	TF		FB	0.3	234.4(229.4T)	002.5	AA 02000	GS 02005
		RW23	030	MAP	TF		FO	0.3	234.4(229.4T)	003.2	AT 00986	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		234.4(229.4T)		AA 01600	
	ZETAV	050		DF	L	FO				AA 03000	
	ZETAV	060		HM	R	FO		234.4(229.4T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CVG	N390057.53	W0844212.05	N3900.959	W08442.201
	XUB	N393136.77	W0825840.59	N3931.613	W08258.677
	GAILL	N393527.94	W0832509.82	N3935.466	W08325.164
	JENUG	N391513.83	W0832629.13	N3915.231	W08326.486
	YIYUL	N391336.16	W0832855.38	N3913.603	W08328.923
	ZETAV	N391947.43	W0831938.40	N3919.791	W08319.640
	RW23	N391130.88	W0833202.71	N3911.515	W08332.045

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23	00931	55

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				7 FEBRUARY 2013	DATED: