

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
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.

TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
HERLU (IAF)	JETKI (NOPT) (FB)	093.62 / 5.01	3000	LPV: DA LNAV/VNAV: DA LNAV: RW36 CLIMB TO 2500 DIRECT UKANE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 183.69 INBOUND. CHART FAS OBST: 1068 TWR 414713N/0852535W CHART FAS OBST: 1277 OL ON RADIO MAST 414611N/0852510W DISTANCE TO THLD FROM 263 HAT: 0.71 NM. CHART VDP AT 1.70 MILES TO RW36* *LNAV ONLY. WAAS CHANNEL # 42915 REFERENCE PATH ID: W36A											
EYEZI (IAF)	JETKI (NOPT) (FB)	273.76 / 5.01	3000												
JETKI (IF/IAF)	NUHTO (FB)	003.69 / 6.10	2500												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD S JETKI, RT, 003.69 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>003.69</u> FAF: <u>NUHTO</u> DIST FAF TO MAP: <u>4.80</u> THLD: <u>4.80</u> 4. MIN. ALT: <u>JETKI 3000, NUHTO 2500</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2500</u> GS ALT AT: <u>NUHTO</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 4W EPOCH YEAR: 1995											
MINIMUMS															
TAKEOFF: <u> </u> STANDARD <u> </u> X SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A STANDARD @ <u> </u>											
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	1178	1	263	1178	1	263	1178	1	263	1178	1	263			
LNAV/VNAV DA	1354	1 1/2	439	1354	1 1/2	439	1354	1 1/2	439	1354	1 1/2	439			
LNAV MDA	1480	1	565	1480	1	565	1480	1 1/2	565	1480	1 3/4	565			
CIRCLING	1480	1	556	1480	1	556	1480	1 1/2	556	1620	2 1/4	696			

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE THREE RIVERS ALTIMETER SETTING AND SEE 8260-10
 @ CAT D 800-2 1/4
 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE STURGIS, MI	ELEVATION: 924 TDZE: 915 AIRPORT NAME: KIRSCH MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG 17 DEC 2009	SUP: AMDT: NONE DATED
-----------------------------------	--	------------------------------	--	-----------------------------

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - 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.

NOTES CONT.

INCREASE ALL DA/MDA 40 FEET, INCREASE LNAV/VNAV ALL CATS AND LNAV CAT C/D VISIBILITY 1/4 MILE.

CHART NOTE: VDP NA WHEN USING THREE RIVERS ALTIMETER SETTING.

CHART NOTE: BARO-VNAV NA WHEN USING THREE RIVERS ALTIMETER SETTING.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

TAA

	FROM	TO	ALT
1.	274/30 CW 094/30 (NOPT)	JETKI (IF/IAF) (FB)	3000
2.	094/30 CW 184/30	HERLU (IAF) (FB)	3000
3.	184/30 CW 274/30	EYEZI (IAF) (FB)	3000

CITY AND STATE

STURGIS, MI

ELEVATION: 924 TDZE: 915

AIRPORT NAME:

KIRSCH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, ORIG

17 DEC 2009

SUP:

AMDT: NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIRS
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	414821.4395N
LTP/FTP LONGITUDE	0852626.9710W
LTP/FTP ELLIPSOIDAL HEIGHT	+02448
FPAP LATITUDE	414950.5800N
FPAP LONGITUDE	0852627.6100W
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	1168
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

B14310E3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02780
FPAP ORTHOMETRIC HEIGHT	+02780

CITY AND STATE
STURGIS, MI

ELEVATION: 924 TDZE: 915
AIRPORT NAME:
KIRSCH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 36, ORIG
17 DEC 2009

SUP:
AMDT: NONE
DATED:

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.

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KIRSK5FR36	AEYEZI	010EYEZIK5EA0E	A	IF						18000		A JS	
SUSAP KIRSK5FR36	AEYEZI	020JETKIK5EA0EE		010TF			27380050	+	03000			A JS	
SUSAP KIRSK5FR36	AHERLU	010HERLUK5EA0E	A	IF						18000		A JS	
SUSAP KIRSK5FR36	AHERLU	020JETKIK5EA0EE		010TF			09360050	+	03000			A JS	
SUSAP KIRSK5FR36	AJETKI	010JETKIK5EA0EE	AR	HF			00370040	+	03000	18000		A JS	
SUSAP KIRSK5FR36	R	010JETKIK5EA0E	I	IF						18000		A JS	
SUSAP KIRSK5FR36	R	020NUHTOK5EA1E	F	051TF			00370061	+	02500			A JS	
SUSAP KIRSK5FR36	R	020NUHTOK5EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP KIRSK5FR36	R	030RW36 K5PG0GY	M	031TF			00370048		00952	-300		A JS	
SUSAP KIRSK5FR36	R	040UKANEK5EA0EYM		010DF				+	02500			A JS	
SUSAP KIRSK5FR36	R	050UKANEK5EA0EE		R020HM			18370040	+	02500			A JS	

[illegible][illegible]

QUALITY
CHECKED

SUP:	
AMDT:	NONE
DATED:	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	EYEZI	EYEZI	010	IAP	IF		FB				
	EYEZI	JETKI	020		TF		FB	1.0	273.8 (270T)	005.0	03000
	HERLU	HERLU	010	IAP	IF		FB				
	HERLU	JETKI	020		TF		FB	1.0	093.6 (090T)	005.0	03000
	JETKI	JETKI	010	IAP	HF	R	FO		003.7 (360T)	004.0	03000
		JETKI	010	FACF	IF		FB				03000
		NUHTO	020	FAF	TF		FB	0.5	003.7 (360T)	006.1	02500
		RW36	030	MAP	TF		FO	0.3	003.7 (360T)	004.8	00952

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	UKANE	040		DF		FO	1.0			02500
	UKANE	050		HM	R	FO	2.0	183.7 (180T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EYEZI	N413728.57	W0851941.44	N4137.476	W08519.691
	HERLU	N413725.32	W0853303.06	N4137.422	W08533.051
	JETKI	N413727.14	W0852622.25	N4137.452	W08526.371
	NUHTO	N414333.49	W0852624.89	N4143.558	W08526.415
	UKANE	N420013.10	W0852632.15	N4200.218	W08526.536
	RW36	N414821.44	W0852626.97	N4148.357	W08526.450

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW36	00912		40

QUALITY
CHECKED

CITY AND STATE
STURGIS, MI

ELEVATION: 924 TDZE: 915
 AIRPORT NAME:
 KIRSCH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 36, ORIG
 17 DEC 2009

SUP:
 AMDT: NONE
 DATED: