

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			LPV: DA LNAV/VNAV: DA LNAV: RW32 CLIMB TO 4000 DIRECT IJGIJ AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 143.68 INBOUND. CHART FAS OBST: 2099 TREE 471437N/1013357W CHART FAS OBST: 1869 TREE 471640N/1013427W 2449 AAO 471230N/1013042W. 2309 AAO 471427N/1013130W. CHART BISMARCK ASOS. DISTANCE TO THLD FROM 378 HAT: 1.04 NM. WAAS CHANNEL # 53318 REFERENCE PATH ID: W32A					
KOJSY (IAF)			IJKUV (NOPT) (FB)			233.94 / 5.00			4000								
OGVIQ (IAF)			IJKUV (NOPT) (FB)			053.78 / 5.00			4000								
IJKUV (IF/IAF)			EJRIQ (FB)			323.86 / 6.10			3500								
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SE IJKUV, RT, 323.86 INBOUND, 4000 FT. IN LIEU OF PT (IAF) 3. FAC: 323.81 FAF: EJRIQ DIST FAF TO MAP: 5.08 THLD: 5.08 4. MIN. ALT: IJKUV 4000, EJRIQ 3500, JELMU/3.00 NM TO RW32 2820* 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 6. MIN GS INCPT: 3500 GS ALT AT: EJRIQ 3500 OM: MM: IM: 7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR 8. MSA FROM:												MAG VAR: 9E EPOCH YEAR: 2000					
MINIMUMS																	
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A		FOR THIS AIRPORT		ALTERNATE: N A		X					
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	2192	1 1/4	378	2192	1 1/4	378	2192	1 1/4	378		NA						
LNAV/VNAV DA	2352	2	538	2352	2	538	2352	2	538		NA						
LNAV MDA	2480	1	666	2480	1	666	2480	1 3/4	666		NA						
CIRCLING	2480	1	666	2480	1	666	2480	1 3/4	666		NA						
NOTES: CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. CHART NOTE: BARO-VNAV NA. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10																	
CITY AND STATE				ELEVATION: 1814 TDZE: 1814				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
HAZEN, ND				AIRPORT NAME:				RNAV				RNAV (GPS) RWY 32, AMDT 1				AMDT: ORIG	
				MERCER COUNTY RGNL								29 JUL 2010				DATED 11/01/2001	



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.

CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT.

*RNAV ONLY

CHART NOTE: USE BISMARCK ALTIMETER SETTING, WHEN NOT RECEIVED USE MINOT INTL ALTIMETER SETTING AND INCREASE ALL DA 23 FEET AND ALL MDA 40 FEET. INCREASE LPV ALL CATS, RNAV CAT C AND CIRCLING CAT C VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	234/30 CW 054/30 (NOPT)	IJKUV (IF/IAF) (FB)	4000
2.	054/30 CW 144/30	OGVIQ (IAF) (FB)	4000
3.	144/30 CW 234/30	KOJSY (IAF) (FB)	4000

QUALITY
2
CHECKED

CITY AND STATE

HAZEN, ND

ELEVATION: 1814 TDZE: 1814

AIRPORT NAME:

MERCER COUNTY RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 32, AMDT 1

29 JUL 2010

SUP:

AMDT: ORIG

DATED: 11/01/2001

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 KHZE
RUNWAY RW32
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W32A
LTP/FTP LATITUDE 471701.8420N
LTP/FTP LONGITUDE 1013434.9365W
LTP/FTP ELLIPSOIDAL HEIGHT +05333
FPAP LATITUDE 471821.0200N
FPAP LONGITUDE 1013534.8500W
THRESHOLD CROSSING HEIGHT (TCH) 00045.0
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

F49F02EA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +05530
FPAP ORTHOMETRIC HEIGHT +05530

QUALITY
2
CHECKED

CITY AND STATE
HAZEN, ND

ELEVATION: 1814 TDZE: 1814
AIRPORT NAME:
MERCER COUNTY RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 32, AMDT 1
29 JUL 2010

SUP:
AMDT: ORIG
DATED: 11/01/2001

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]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KHZEK3FR32	AIJKUV	010IJKUVK3EA0EE	AR	HF		32390040	+	04000	18000			A JS	
SUSAP KHZEK3FR32	AKOJSY	010KOJSYK3EA0E	A	IF					18000			A JS	
SUSAP KHZEK3FR32	AKOJSY	020IJKUVK3EA0EE	B	010TF		23390050	+	04000				A JS	
SUSAP KHZEK3FR32	AOGVIQ	010OGVIQK3EA0E	A	IF					18000			A JS	
SUSAP KHZEK3FR32	AOGVIQ	020IJKUVK3EA0EE	B	010TF		05380050	+	04000				A JS	
SUSAP KHZEK3FR32	R	010IJKUVK3EA0E	I	IF			+	04000	18000			A JS	
SUSAP KHZEK3FR32	R	020EJRIQK3EA1E	F	051TF		32390061	+	03500				A JS	
SUSAP KHZEK3FR32	R	020EJRIQK3EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP KHZEK3FR32	R	021JELMUK3EA0E	S	031TF		32380021	V	0282002823		-300		A JS	
SUSAP KHZEK3FR32	R	030RW32 K3PGOGY	M	031TF		32380030		01859		-300		A JS	
SUSAP KHZEK3FR32	R	040	0	M	010CA	3238	+	02192				A JS	
SUSAP KHZEK3FR32	R	050IJGIJK3EA0EY		010DF				04000				A JS	
SUSAP KHZEK3FR32	R	060IJGIJK3EA0EE		R020HM		14370040	+	04000				A JS	

CITY AND STATE HAZEN, ND	ELEVATION: 1814 TDZE: 1814 AIRPORT NAME: MERCER COUNTY RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, AMDT 1 29 JUL 2010	SUP:
				AMDT: ORIG
				DATED: 11/01/2001

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.

CITY AND STATE HAZEN, ND	ELEVATION: 1814 TDZE: 1814 AIRPORT NAME: MERCER COUNTY RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, AMDT 1 29 JUL 2010	SUP:	
				AMDT:	ORIG
				DATED:	11/01/2001