

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> MINOT INTL	<u>AIRPORT ID</u> KMOT	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 8	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> MINOT	<u>STATE</u> ND	
<u>AIRPORT ELEVATION</u> 1716	<u>TDZE</u> 1712	<u>SUPERSEDED</u> RNAV (GPS) RWY 8	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 10/15/2015	<u>MAG VAR</u> 6E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 OCTOBER 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 19-20.

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
HIDEL		FEVLA		TF	FB	1.00	294.02	17.60	4200
MOT VOR/DME		GEBVE		TF	FO	1.00	263.54	11.27	3900
WELOG	IAF	GEBVE	NOPT	TF	FB	1.00	087.50	4.14	3900
FEVLA	IAF	GEBVE	NOPT	TF	FB	1.00	354.03	5.00	3900
EGOCE	IAF	GEBVE	NOPT	TF	FB	1.00	174.03	5.00	3900
GEBVE	IF/IAF	IBNEF		TF	FB	1.00	084.03	4.68	3600
IBNEF		HAXAT		TF	FB	1.00	084.12	1.42	3400
HAXAT	FAF	RW08	MAP	TF	FO	0.30	084.14	5.08	
RW08	MAP	1991 MSL		CA	FO		084.14		
1991 MSL		SIRSE		DF	FO	1.00			3600

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW08

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3600 DIRECT SIRSE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. HOLD W GEBVE, RT, 084.03 INBOUND, 3900 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 084.14 FAF: HAXAT DIST FAF TO MAP: 5.08 DIST FAF TO THLD: 5.08
4. MIN ALT: GEBVE 3900, IBNEF 3600, HAXAT 3400
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 279 HAT: 0.72 GS ANT: MM: IM:
6. MIN GP INCPT: 3400 GP ALT AT FAF : HAXAT 3400 OM:
7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 49.0
8. MSA FROM: RW08 4200

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MOT VOR/DME ON V491 NORTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

CHART 1919 TREE 481459N/1012519W
CHART VDP AT 1.25 NM TO RW08*
*LNAV ONLY
WAAS CHANNEL #97616
REFERENCE PATH ID: W08A
CHART FAS OBST: 1904 TREE 481552N/1012006W.
CHART 1778 TREE 481530N/1011758W.
HOLD E, LT, 264.47 INBOUND
LTP HAE: 501.4 M

MINIMUMS:

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

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

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	1991	1	279	1991	1	279	1991	1	279	1991	1	279			
LNAV/VNAV DA	2218	1 3/4	506	2218	1 3/4	506	2218	1 3/4	506	2218	1 3/4	506			
LNAV MDA	2160	1	448	2160	1	448	2160	1 3/8	448	2160	1 1/2	448			
CIRCLING	2200	1	484	2200	1	484	2280	1 1/2	564	2280	2	564			



CHANGES - REASONS

1. ALL REFERENCES TO MOT VORTAC CHANGED TO READ MOT VOR/DME. - THIS DOES NOT QUALIFY AS A PERIODIC REVIEW. TACAR PROJECT.
2. MOVED ALL BACK UP ALTIMETER NOTES TO BACK OF 8260-9 - NO LONGER REQUIRED; AIRPORT ON WMSCR.
3. REPLACED CHART NOTE "DME/DME RNP-0.3 NA" WITH "PBN REQUIREMENTS NOTE: RNP APCH". - CHANGED PER NAVSPEC REQUIREMENT IAW 8260.19H PARA 8-6-8.
4. REMOVED THE FAHRENHEIT FROM UNCOMPENSATED BARO-VNAV NOTE - IAW 8260.19H PARA 8-6-9S
5. ADDED A MAX ALTITUDE OF 6000 TO H-I-L - HIL NOW REQUIRES MAX ALTITUDE CHARTED PER 8260.19H DOCUMENTATION CRITERIA.
6. ADDED 20:1 IS CLEAR NOTE - IAW 8260.19H PARA 8-6-7G(2)
7. CHANGED LNAV CAT C VISIBILITY FROM 1 1/4 TO 1 3/8 - TO COMPLY WITH CURRENT VISIBILITY CRITERIA
8. CHANGED COURSES 4 DEGREES - AIRPORT MAGVAR CHANGED FROM 6E TO 10E

8/27/2019: THIS IS A CORRECTED COPY OF THE FORMS APPROVED ON 5/31/2019:

1. CHANGED VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) TO VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
2. CHANGED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MOT VORTAC ON V491 NORTHEAST BOUND TO CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MOT VOR/DME ON V491 NORTHEAST BOUND.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMP, MIB APP CON, MOT ATCT, AMGR, ATA

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE
Digitally signed by
DAVID DANNER

DATE

DEVELOPED BY

Digitally signed by

ROSE BOONE **ROSE BOONE**

Aug 27, 2019

OFFICE
AJV-A421

DATE
03/12/2019

APPROVED BY

MARLON ROBINSON

Digitally signed by

DAVID DANNER

Aug 27, 2019

OFFICE
AJV-A420

DATE

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMOT
RUNWAY	RW08
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W08A
LTP/FTP LATITUDE	481528.9360N
LTP/FTP LONGITUDE	1011721.0565W
LTP/FTP ELLIPSOIDAL HEIGHT	+05014
FPAP LATITUDE	481528.5500N
FPAP LONGITUDE	1011507.7200W
THRESHOLD CROSSING HEIGHT (TCH)	00049.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0936
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	A7A1B2DF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+05218
FPAP ORTHOMETRIC HEIGHT	+05218

