

**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

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE	
IRILE	IVEJE (TF) (FO) (RNP 2.00)	170.55 / 16.05	3600	LPV: DA LNAV/VNAV: DA LNAV: RW30
FAR VOR/DME	IVEJE (TF) (FO) (RNP 2.00)	086.49 / 17.91	3600	
STARR (IAF)	IVEJE (NOPT) (TF) (FB) (RNP 1.00)	301.11 / 27.07	3600	CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 3600 DIRECT IVEJE AND HOLD.
IVEJE (IF/IAF)	ETCIR (TF) (FB) (RNP 1.00)	293.48 / 5.84	2600	
ETCIR (FAF)	JESGA/2.10 NM TO RW30 (TF) (FB) (RNP 0.30)	293.39 / 3.06		ADDITIONAL FLIGHT DATA: CHART FAS OBST: 1049 TREE 465045N/0963924W. DISTANCE TO THLD FROM 250 HAT: 0.66 NM. WAAS CHANNEL # 70630 REFERENCE PATH ID: W30A CHART VDP AT 1.12 MILES TO RWY 30. LTP HAE: 253.1 M
(SEE FORM 8260-10)				

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SE IVEJE, RT, 293.48 INBOUND, 3600 FT. IN LIEU OF PT (IAF)
- FAC: 293.39 FAF: ETCIR DIST FAF TO MAP: 5.16 THLD: 5.16
- MIN. ALT: IVEJE 3600, ETCIR 2600, JESGA/2.10 NM TO RW30 1620*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2600 GS ALT AT: ETCIR 2600 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 20:1 IS CLEAR ; 34:1 IS CLEAR
- MSA FROM: RW30 3600

MAG VAR: 3E 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	1168	1	250	1168	1	250		NA			NA				
LNAV/VNAV DA	1211	1	293	1211	1	293		NA			NA				
LNAV MDA	1300	1	382	1300	1	382		NA			NA				
CIRCLING	1360	1	442	1380	1	462		NA			NA				

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FAR VOR/DME ON V2 NORTHWEST BOUND.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 (CONTINUED ON PAGE 2)



CITY AND STATE MOORHEAD, MN	ELEVATION: 918 TDZE: 918 AIRPORT NAME: MOORHEAD MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 30, AMDT 1C 29 MARCH 2018	SUP: AMDT: 1B DATED 11/10/2016
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US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
JESGA/2.10 NM TO RW30	RW30 (MAP) (TF) (FO) (RNP 0.30)	293.39 / 2.10	
RW30 (MAP)	1700 MSL (CA)	293.39	1700
1700 MSL	IVEJE (DF) (FO) (RNP 1.00)		3600

NOTES, (CONT.):

*LNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HECTOR INTL ALTIMETER SETTING AND INCREASE ALL DA 21 FEET, INCREASE ALL MDA 40 FEET.



CITY AND STATE MOORHEAD, MN	ELEVATION: 918	TDZE: 918	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 30, AMDT 1C 29 MARCH 2018	SUP:
	AIRPORT NAME: MOORHEAD MUNI				AMDT: 1B
					DATED: 11/10/2016

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KJKJ
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	465011.9930N
LTP/FTP LONGITUDE	0963922.7335W
LTP/FTP ELLIPSOIDAL HEIGHT	+02531
FPAP LATITUDE	465051.4500N
FPAP LONGITUDE	0964119.0900W
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	1440
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 0CD7E9DA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02797
FPAP ORTHOMETRIC HEIGHT	+02797



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				AMDT: 1B
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