

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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> ILS OR LOC RWY 31	<u>ORIGINAL/AMENDMENT</u> 10B	<u>CITY</u> MINOT	<u>STATE</u> ND	
<u>AIRPORT ELEVATION</u> 1716	<u>TDZE</u> 1679	<u>SUPERSEDED</u> ILS OR LOC RWY 31	<u>ORIGINAL/AMENDMENT</u> 10A	<u>DATED</u> 04/10/2008	<u>MAG VAR</u> 6E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-MOT	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 OCTOBER 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
MOT VOR/DME		HEKTA/I-MOT 13.60 DME/RADAR					124.74	13.00	3700
ORMIE/MOT 13.00 DME CW	IAF	HEKTA/I-MOT 13.60 DME/RADAR	NOPT				13.00 DME ARC (MOT LR-115)		3700
PABIC/MOT 13.00 DME CW	IAF	HEKTA/I-MOT 13.60 DME/RADAR	NOPT				13.00 DME ARC (MOT LR-134)		3700
HEKTA/MOT 13.60 DME/RADAR	IF/IAF	FONAD/I-MOT 6.84 DME/RADAR					312.40	6.76 (I-MOT)	3400

MISSED APPROACH

MAP:

ILS: DA
 LOC: 5.24 NM AFTER FONAD/I-MOT 6.84 DME/RADAR OR AT I-MOT 1.60 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3700 THEN LEFT TURN DIRECT MOT VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 4500 ON I-MOT NW COURSE TO DOYAB/I-MOT 12.40 DME AND HOLD. (DME REQUIRED)

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. HOLD SE HEKTA, LT, 312.40 INBOUND, 3700 FT. IN LIEU OF PT (IAF), MAX 4500.
3. **FAC:** 312.40 **FAF:** FONAD/I-MOT 6.84 DME/RADAR **DIST FAF TO MAP:** 5.24 **DIST FAF TO THLD:** 5.24
4. **MIN ALT:** HEKTA/I-MOT 13.60 DME/RADAR 3700, FONAD/I-MOT 6.84 DME/RADAR 3400
5. **DIST TO THLD FROM OM:** 5.24 **MM:** **IM:** **150 HAT:** **GS ANT:** 825
6. **MIN GS INCPT:** 3400 **GS ALT AT FAF :** **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 48.9
8. **MSA FROM:** MOT VOR/DME 090-270 4200, 270-090 3800



EQUIPMENT REQUIREMENTS NOTES:

DME OR RADAR REQUIRED.

NOTES:

CHART PROFILE NOTE: USE I-MOT DME WHEN ON THE LOCALIZER COURSE.

CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS-31 CAT E VISIBILITY TO RVR 4000, AND S-LOC-31 CAT C, D AND E VISIBILITY TO RVR 4500.

CHART NOTE: AUTO PILOT COUPLED APPROACH NA BELOW 2060.

ADDITIONAL FLIGHT DATA:

CHART MOT R-081 AT ORMIE.

CHART MOT R-151 AT PABIC.

CHART IN PLANVIEW: DOYAB/I-MOT 12.40 DME

CHART VDP AT 2.45 DME*

DISTANCE VDP TO THLD 0.85 NM

* LOC ONLY

CHART FAS OBST: 1714 100' TREE 481316N/1011340W.

CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE DOYAB/I-MOT 12.40 DME, LT, 312.38 INBOUND.

HOLD NW, RT, 134.00 INBOUND

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN TOWER CLOSED.; LOC: STANDARD - CAT E 1100-3, NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN TOWER CLOSED.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-ILS 31	1879	2400	200	1879	2400	200	1879	2400	200	1879	2400	200	1879	2400	200
S-LOC 31	1980	2400	301	1980	2400	301	1980	2400	301	1980	4000	301	1980	4000	301
CIRCLING	2200	1	484	2200	1	484	2240	1 1/2	524	2280	2	564	2800	3	1084

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 BACKUP ALTIMETER NOTES TO BACK OF 8260-9 - NO LONGER REQUIRED; AIRPORT IS ON WMSCR
3. REMOVED ; OR WHEN DIRECTED BY ATC, FROM ALT MISSED INSTRUCTIONS - IAW 8260.19H PARA 8-6-6 H
4. ADDED *LOC ONLY TO PROFILE VIEW IN RELATION TO VDP- IAW 8260.19H PARA 8-6-9N
5. ADDED CHART NOTE: AUTO PILOT COUPLED APPROACH NA BELOW 2060.- FLIGHT CHECK RESTRICTION.
6. REMOVED CHART PLANVIEW NOTE: DME OR RADAR REQUIRED AND ADDED EQUIPMENT REQUIREMENTS NOTE: DME OR RADAR REQUIRED - IAW 8260.19D PARA 8-6-8A(3)(B)
6. MSA 270-090 ALT CHANGED FROM 3700 TO 3800 - NEW CONTROLLING OBSTACLE
7. ALTERNATE HOLDING INBOUND CHANGED FROM 308.38 TO 312.38; FINAL AND H-I-L COURSE CHANGED FROM 308.40 TO 312.40 - MAGVAR CHANGED FROM 10E TO 6E
8. REMOVED CHART PLANVIEW: NICKE OM, SUBDUED - NO OM, NO LONGER REQUIRED
9. INOPERATIVE ALS NOT FOR ILS CAT E RVR FROM 5000 TO 4000 AND FOR LOC CAT C/D RVR FROM 5000 TO 4500 - IAW CURRENT VISIBILITY CITERIA
10. ADDED NA WHEN TOWER CLOSED TO ALTERNATE MINIMUMS - IAW 8260.19H PARA 8-6-11M(6)
11. REMOVED CHART NOTE: #1800 AUTHORIZED WITH THE USE FD OR AP OR HUD TO DA - FLIGHT CHECK REPORTS AUTOPILOT COUPLED APPROACH NA BELOW 2060, ERRATIC VARIATIONS.

QUALITY
16
CHECKED

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZMP, KMIB APP CON, KMOT ATCT, AMGR, ATA

FLIGHT CHECKED BY

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

Digitally signed by

DAVID DANNER

May 31, 2019

OFFICE

AJV-A421

DATE

DATE
03/07/2019

DEVELOPED BY

ROSE BOONE

Digitally signed by

ROSE BOONE

May 29, 2019

OFFICE

AJV-A420

DATE

APPROVED BY

MARLON ROBINSON

Digitally signed by

DAVID DANNER

May 31, 2019

TITLE
MANAGER

