

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> MITCHELL MUNI	<u>AIRPORT ID</u> KMHE	<u>PROCEDURE NAME</u> ILS OR LOC RWY 31	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> MITCHELL	<u>STATE</u> SD
<u>AIRPORT ELEVATION</u> 1304	<u>TDZE</u> 1304	<u>SUPERSEDED</u> ILS OR LOC RWY 31	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 12/10/2015	<u>MAG VAR</u> 4E
<u>FACILITY</u> I-LPA	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 NOVEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

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>
MHE VOR/DME		LINDO OM/MHE VDME 6.14 DME					132.80	6.14	3200

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.63 NM AFTER LINDO OM/MHE VDME 6.14 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3200 THEN RIGHT TURN DIRECT MHE VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT L SIDE OF COURSE 130.42 OUTBOUND 3200 FT WITHIN 10 MILES OF LINDO OM (IAF)
2.
3. FAF: 310.42 FAF: LINDO OM/MHE VDME 6.14 DME DIST FAF TO MAP: 5.63 DIST FAF TO THLD: 5.63
4. MIN ALT: LINDO OM/MHE VDME 6.14 DME 3200
5. DIST TO THLD FROM OM: 5.63 MM: IM: 150 HAT: GS ANT: 1148
6. MIN GS INCPT: 3200 GS ALT AT FAF : OM: 3182 MM: IM:
7. GP ANGLE: 3.00 34:1: 20:1: TCH: 56.8
8. MSA FROM: MHE VOR/DME 3600

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 2174 MSL.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 31 CATS C AND D VISIBILITY TO 1 1/8 SM.



ADDITIONAL FLIGHT DATA:

CHART 1717 TOWER 434202N/0975606W.
CHART CIRCLING ICON.
CHART IN PLANVIEW: (CFVBM) (433755.98N/0975033.87W).
CHART VDP AT 1.59 DME*
DISTANCE VDP TO THLD 1.05 NM
* LOC ONLY
CHART FAS OBST: 1436 TANK 434447N/0975955W.
HOLD SE, RT, 310.42 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☒

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
S-ILS 31	1554	1/2	250	1554	1/2	250	1554	1/2	250	1554	1/2	250			
S-LOC 31	1700	1/2	396	1700	1/2	396	1700	3/4	396	1700	3/4	396			
CIRCLING	1740	1	436	1760	1	456	1820	1 1/2	516	1860	2	556			

CHANGES - REASONS

1. ADDITIONAL FLIGHT DATA: ADDED 7:1 OBSTACLE, 1717 TOWER 434202N/0975606W - UPDATED OBSTACLE ANALYSIS.
2. ADDITIONAL FLIGHT DATA: CHANGED LAT/LON OF CNF FIX (CFVBM) FROM 433745.83N/0975048.21W TO 433755.98N/0975033.87W - FIX MOVED TO ALIGN WITH FINAL COURSE.
3. LINE 6: OUTER MARKER INTERCEPT ALTITUDE CHANGED FROM 3183 TO 3182 - IAPA GENERATED VALUE.
4. CHART NOTE: MODIFIED AND MOVED TO BACK OF 8260-9 FOR CONTINGENCY PURPOSES "VDP NA WITH HURON REGIONAL ALTIMETER SETTING" TO "VDP NA WITH HURON RGNL ALTIMETER SETTING" - AIRPORT NAME CHANGE; LOCAL ALTIMETER IS ON WMSCR.
5. CHART NOTE: MODIFIED AND MOVED TO BACK OF 8260-9 FOR CONTINGENCY PURPOSES "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HURON REGIONAL ALTIMETER SETTING AND INCREASE DA 89 FEET AND ALL MDA 100 FEET. INCREASE S-ILS 31 ALL CATS VISIBILITY TO 5/8 MILE, S-LOC 31 CATS C/D VISIBILITY TO 1 MILE AND CIRCLING CAT D TO 1 3/4 MILE" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HURON RGNL ALTIMETER SETTING AND INCREASE DA 89 FEET AND ALL MDA 100 FEET. INCREASE S-LOC 31 CATS C AND D TO 1 SM AND CIRCLING CAT C TO 1 3/4 SM." - CRITERIA CHANGES TO VERBIAGE; NO LONGER REQUIRED IN CHART NOTES; NEW VISIBILITY CRITERIA IMPROVED BACKUP ALTIMETER SETTING VISIBILITY FOR S-ILS (DOES NOT CONSTITUTE LOWERED MINIMUMS, ONLY USED FOR CONTINGENCY PURPOSES); LOCAL ALTIMETER IS ON WMSCR.
6. CHART NOTE: CHANGED A "FOR INOPERATIVE MALSR..." TO "FOR INOPERATIVE ALS..." - NEW CRITERIA.
7. CHART NOTE: CHANGED AND MOVED TO BACK OF 8260-9, FROM "FOR INOPERATIVE MALSR WHEN USING HURON REGIONAL ALTIMETER SETTING, INCREASE S-ILS 31 ALL CATS VISIBILITY TO 1 1/8 MILE AND S-LOC 31 CATS C/D TO 1 3/8 MILE" TO "FOR INOPERATIVE ALS WHEN USING HURON RGNL ALTIMETER SETTING, INCREASE S-ILS 31 ALL CATS VISIBILITY TO 1 SM AND S-LOC 31 CATS C AND D TO 1 3/8 SM" - NEW VISIBILITY TABLES, DOES NOT LOWER PRIMARY PROCEDURE MINIMA, ONLY USED FOR CONTINGENCY; LOCAL ALTIMETER IS ON WMSCR.
8. MOVED CHART PLANVIEW NOTE "DME REQUIRED" TO EQUIPMENT REQUIREMENTS NOTES SECTION - NEW 8260-3 FORMAT.

09/05/2018: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 07/11/2018.

1. LINE 5., REMOVED MIDDLE MARKER (MM) DISTANCE 0.42.

2. LINE 6., REMOVED MIDDLE MARKER (MM) ELEVATION 1495.



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<u>COORDINATED WITH:</u>					
A4A <input type="checkbox"/> ALPA <input type="checkbox"/> AOPA <input checked="" type="checkbox"/> APA <input type="checkbox"/> HAI <input type="checkbox"/> NBAA <input checked="" type="checkbox"/> <u>OTHER:</u> ZMP ARTCC, AMGR					
<u>FLIGHT CHECKED BY</u> BRYAN SCOTT VEIT		<i>Digitally signed by</i> DONALD H LANIER Sep 06, 2018	<u>OFFICE</u> FIOG	<u>DATE</u> 08/28/2018	
<u>DEVELOPED BY</u> COLTON CROWDER		<i>Digitally signed by</i> COLTON CROWDER Sep 05, 2018	<u>OFFICE</u> AJV-5431	<u>DATE</u> 07/11/2018	
<u>APPROVED BY</u> PATRICK MULQUEEN		<i>Digitally signed by</i> DONALD H LANIER Sep 06, 2018	<u>OFFICE</u> AJV-5430	<u>DATE</u>	<u>TITLE</u> MANAGER

