

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> MASON COUNTY	<u>AIRPORT ID</u> KLDM	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 8	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>CITY</u> LUDINGTON	<u>STATE</u> MI	
<u>AIRPORT ELEVATION</u> 646	<u>TDZE</u> 643	<u>SUPERSEDED</u> RNAV (GPS) RWY 8	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 08/17/2017	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 NOVEMBER 2018	<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>
YULNU		JAMAG		TF	FB	2.00	141.35	8.76	3000
HIC VOR/DME		HIKAS		TF	FB	2.00	292.58	43.09	3000
MBL VOR/DME		FINOB		TF	FO	2.00	222.63	29.56	3000
JAMAG	IAF	FINOB	NOPT	TF	FB	1.00	163.78	5.00	3000
HIKAS	IAF	FINOB	NOPT	TF	FB	1.00	343.84	5.00	3000
FINOB	IF/IAF	ZEKOP		TF	FB	1.00	073.81	6.97	2500
ZEKOP	FAF	RW08	MAP	TF	FO	0.30	073.91	5.65	
RW08	MAP	1046 MSL		CA			073.91		
1046 MSL		CEYNA		DF	FB	1.00			
CEYNA		WELKO		TF	FO	1.00	152.31	14.50	3000

MISSED APPROACH

MAP:

LNAV: RW08

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT CEYNA AND ON TRACK 152.31 TO WELKO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. HOLD W FINOB, RT, 073.81 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 073.91FAF: ZEKOPDIST FAF TO MAP: 5.65DIST FAF TO THLD: 5.65
4. MIN ALT: FINOB 3000, ZEKOP 2500
5. DIST TO THLD FROM OM:MM:IM:150 HAT:GS ANT:
6. MIN GP INCPT:GP ALT AT FAF :OM:MM:IM:
7. GP ANGLE:34:1: IS NOT CLEAR20:1: IS CLEARTCH:
8. MSA FROM: RW08 2600

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING RWY 1, 19 NA AT NIGHT.
CHART NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT YULNU ON V55 NORTHWEST BOUND, AND ARRIVALS AT MBL VOR/DME ON V271 NORTHBOUND, AND ARRIVALS ON HIC VOR/DME AIRWAY RADIALS 303 CW 332.

ADDITIONAL FLIGHT DATA:

CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.
CHART VDP AT 1.10 NM TO RW08
CHART FAS OBST: 799 TOWER 435708N/0862534W.
HOLD S, RT, 355.03 INBOUND

MINIMUMS:

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

ALTERNATE: NA☐ STANDARD

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
LNAV MDA	1140	1	497	1140	1	497	1140	1 3/8	497	1140	1 3/8	497			
CIRCLING	1160	1	514	1160	1	514	1200	1 1/2	554	1300	2	654			

CHANGES - REASONS

1. ADDED 20:1 IS CLEAR NOTE - IAW 8260.19H 8-6-7(G). DOCUMENTING 34:1/20:1 SURFACES CLEAR OR NOT CLEAR.
2. ADDED NOTE: RNP APCH NAVSPEC AND DELETED EQUIPMENT NOTE "DME/DME RNP -0.3 NA" - IAW 8260.19H 8-6-8 (B1) REPLACEMENT OF THE NOTE: DME/DME RNP 0-3 NA.
3. REMOVED CHART NOTE: DME/DME RNP 0.3 NA - IAW 8260.19H UPDATES (F,15) REPLACING THE NOTE WITH NAVSPEC NOTE.
4. REMOVED CHART NOTE FOR ALTERNATE ALTIMETER AND PLACED IT IN THE REMAKS SECTION OF THE 8260-9 - IAW 8260.19H 8-6-9 (F 4) PLACING ALTERNATE ALITIMETER INFORMATION IN THE REMARKS SECTION AS A CONTINGENCY AVAILABILITY.
5. DELETED NOTE "NIGHT LANDING: RWY 8 CAT C/D AND RWY 26 NA" AND REPLACED IT WITH "CIRCLING RWY 1, 19 NA AT NIGHT" - RWY 8 VISUAL SURFACE CLEAR; NO SURVEY TO RWY 1, 19, UNABLE TO VERIFY VISUAL SURFACE IS CLEAR.
6. MODIFIED THE RNP VALUE TO THE INTERMEDIATE SEGMENT FROM 0.5 TO 1.0 - IAW 8260.19H TABLE 1-2-1.
7. ADDED VDP - 20:1 VISUAL SURFACE CLEAR IN UPDATED AIRPORT OBSTACLES.



<u>AIRPORT</u> MASON COUNTY	<u>AIRPORT ID</u> KLDM	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 8	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>CITY</u> LUDINGTON	<u>STATE</u> MI
--------------------------------	---------------------------	---	-------------------------------------	--------------------------	--------------------

COORDINATED WITH:

A4A☐

ALPA☒

AOPA☒

APA☐

HAI☐

NBAA☒

OTHER: ZMP, AMGR

FLIGHT CHECKED BY
PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, DECEMBER 22, 2017,
SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED.

DEVELOPED BY
SCOTT BAGENSIE

Digitally signed by

SCOTT BAGENSIE

Jul 13, 2018

APPROVED BY
PATRICK MULQUEEN

Digitally signed by

DAVID TEFFETELLER

Aug 01, 2018

OFFICE
FIOG

DATE
02/12/2008

OFFICE
AJV-5433

DATE
05/24/2018

OFFICE
AJV-5430

DATE
Aug 01, 2018

Digitally signed by

DAVID TEFFETELLER

Aug 01, 2018

TITLE
MANAGER

FAA Form 8260-3 (11/16) Supersedes Previous Edition

Electronic Version

Page 3 of 3