

**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 ID</u> 00U	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 26	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> HARDIN	<u>STATE</u> MT		
<u>AIRPORT ELEVATION</u> 3025	<u>TDZE</u> 3015	<u>SUPERSEDED</u> RNAV (GPS) RWY 26	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 07/16/2020	<u>MAG VAR</u> 10E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 7 OCTOBER 2021	<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>
ZAGHI		CIRDI		TF	FB	1.00	021.55	12.59	6500
CIRDI		COGON		TF	FO	1.00	021.67	7.08	6500
CONUK	IAF	COGON	NOPT	TF	FB	1.00	199.73	28.25	6500
COGON	IF/IAF	OVIBY		TF	FB	1.00	260.03	6.00	4600
OVIBY	FAF	WIMEN/3.06 NM TO RW26		TF	FB	0.30	260.01	1.82	
WIMEN/3.06 NM TO RW26		JADLO/1.87 NM TO RW26		TF	FB	0.30	260.01	1.19	
JADLO/1.87 NM TO RW26		RW26	MAP	TF	FO	0.30	260.01	1.87	
RW26	MAP	3700 MSL		CA			260.01		3700
3700 MSL		COGON		DF	FO	1.00			6500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW26

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3700 THEN CLIMBING RIGHT TURN TO 6500 DIRECT COGON AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6500.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD E COGON, RT, 260.03 INBOUND, 6500 FT. IN LIEU OF PT (IAF), MAX 10000.

3. FAF: 260.01FAF: OVIBYDIST FAF TO MAP: 4.88DIST FAF TO THLD: 4.88

4. MIN ALT: COGON 6500, OVIBY 4600, WIMEN/3.06 NM TO RW26 4020, JADLO/1.87 NM TO RW26 3640

5. DIST TO THLD FROM OM:MM:IM:150 HAT:200 HAT: 0.53GS ANT:

6. MIN GP INCPT: 4600GP ALT AT FAF : OVIBY 4600OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 40.0

8. MSA FROM: RW26 6200

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT CONUK ON V2-465 NORTHEAST BOUND

ADDITIONAL FLIGHT DATA:

CHART POWDER RIVER MOA.
CHART FAS OBST: 3046 TREE (30-050077) 454416N/1073911W.
3517 AAO 454445N/1073206W, 3219 AAO 454357N/1073430W.
CHART VDP AT 0.80 NM TO RW26.
WAAS CHANNEL # 65644
REFERENCE PATH ID: W26A
CHART CIRCLING ICON.
LTP HAE: 901.4 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	3215	1	200	3215	1	200		NA			NA				
LNAV/VNAV DA	3265	1	250	3265	1	250		NA			NA				
LNAV MDA	3300	1	285	3300	1	285		NA			NA				
CIRCLING	3480	1	455	3500	1	475		NA			NA				



CHANGES - REASONS

1. CHANGED MISSED APPROACH FROM: CLIMB TO 6000 DIRECT ZEVOP AND ON TRACK 309.14 TO NIBBE AND HOLD. TO: CLIMB TO 3700 THEN CLIMBING RIGHT TURN TO 6500 DIRECT COGON AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6500. - ATC REQUEST.
2. DELETED ASTERISKS FROM LINE 4 OF PROFILE VIEW. - FAAO 8260.19I PARAGRAPH 8-6-7 NO LONGER REQUIRES STEPDOWN FIXES TO BE ANNOTATED AS APPLYING TO LOC OR LNAV ONLY.
3. ADDED “-GPS” TO PBN EQUIPMENT REQUIREMENTS NOTE. - FAAO 8260.19I PARAGRAPH 8-6-8.
4. CHANGED FAS OBST FROM: 3069 TREE 454306N/1073621W TO: 3046 TREE 454416N/1073911W.- NEW TARGETS, OBSTACLE EVALUATION AND MAP STUDY. (OLD FAS COORDINATES WERE NOT IN THE FINAL TRAP.)
5. DELETED THE ASTERISK FROM THE CHART VDP NOTE AND THE “*LNAV ONLY” NOTE FROM ADDITIONAL FLIGHT DATA. - FAAO 8260.19I PARAGRAPH 8-6-10 NO LONGER REQUIRES REFERENCE TO LOC ONLY OR LNAV ONLY.
6. CHANGED STEP-DOWN 7:1 OBSTACLE IN ADDITIONAL FLIGHT DATA FROM: 3235 AAO 454348N/1073430W. TO: 3219 AAO 454357N/1073430W.- NEW MAP STUDY AND TARGETS RUN.
7. FPAP COORDINATES CHANGED FROM: 454439.7425N 1074113.2060W TO: 54439.7405N 1074113.2060W AND CHANGED CRC REMAINDER FROM: EE87DF1C TO: 24EACBCF. - NEW TARGETS FAS DATA.
8. DELETED MISSED HOLDING INSTRUCTIONS FROM ADDITIONAL FLIGHT DATA. - MISSED HOLDING IS NOW IDENTICAL TO THE HOLD-IN-LIEU AND IS DOCUMENTED ON LINE 2 OF PROFILE VIEW.
9. LOWERED LNAV/HAT MDA FROM 3320/305 TO 3300/285. - NEW MAP STUDY AND CONTROLLING OBSTACLE.
10. CHANGED VDP DIST TO MAP FROM 0.86 TO 0.80. - NEW LNAV MDA.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZLC, AMGR

FLIGHT CHECKED BY

DANIEL STRICKER

*Digitally signed by***DONALD H LANIER**

Jun 30, 2021

OFFICE

FICO

DATE

06/29/2021

DEVELOPED BY

LIAM DONAHUE

*Digitally signed by***LIAM DONAHUE****OFFICE**

AJV-A431

DATE

04/14/2021

APPROVED BY

LONNIE EVERHART

Apr 20, 2021

*Digitally signed by***DONALD H LANIER**

Jun 30, 2021

OFFICE

AJV-A430

DATE**TITLE**
MANAGER

QUALITY
16
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	00U
RUNWAY	RW26
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W26A
LTP/FTP LATITUDE	454439.8740N
LTP/FTP LONGITUDE	1073905.9785W
LTP/FTP ELLIPSOIDAL HEIGHT	+09014
FPAP LATITUDE	454439.7405N
FPAP LONGITUDE	1074113.2060W
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	1384
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	24EACBCF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+09159
FPAP ORTHOMETRIC HEIGHT	+09159

