

**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> 7S0	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 16	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> RONAN	<u>STATE</u> MT	
<u>AIRPORT ELEVATION</u> 3086	<u>TDZE</u> 3086	<u>SUPERSEDED</u> RNAV (GPS) RWY 16	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 07/24/2014	<u>MAG VAR</u> 15E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 FEBRUARY 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2005

TERMINAL ROUTES [THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 21-04.](#)

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
HANIM		DMESR		TF	FB	1.00	012.49	23.36	7900
ANGIL	IAF	EGOCY		TF	FB	1.00	150.65	9.24	6700
DMESR	IAF	EGOCY		TF	FB	1.00	074.86	6.00	6700
EGOCY	IF	FATMI		TF	FB	1.00	164.97	6.74	5600
FATMI	FAF	GEDKE/4.00 NM TO RW16		TF	FB	0.30	164.97	3.77	
GEDKE/4.00 NM TO RW16		RW16	MAP	TF	FO	0.30	164.97	4.00	
RW16	MAP	3443 MSL		CA			164.97		
3443 MSL		IBBOR		DF	FB	1.00			
IBBOR		HANIM		TF	FO	1.00	254.72	16.90	13000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW16

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 13000 DIRECT IBBOR AND ON TRACK 254.72 TO HANIM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 13000

ALTERNATE MISSED APPROACH INSTRUCTIONS:



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
LPV DA	3443	1 1/4	357	3443	1 1/4	357		NA			NA					
LNAV/VNAV DA	3532	1 3/8	446	3532	1 3/8	446		NA			NA					
LNAV MDA	3800	1	714	3800	1	714		NA			NA					
CIRCLING	3800	1	714	3800	1	714		NA			NA					

CHANGES - REASONS

1. UPDATED LNAV/VNAV HAT/DA 357/3443 TO 446/3532 AND INCREASE VISIBILITY FROM 1 1/4 TO 1 3/8 - FDC 9/1439 NEW CONTROLLER.
2. ADDED 20:1 IS CLEAR - NO OBSTRUCTIONS.
3. REMOVED ADDITIONAL FLIGHT DATA CHART MISSOULA ASOS-3 AND CHART NOTE: USE MISSOULA ALTIMETER SETTING; WHEN NOT RECEIVED, PROCEDURE NA - LOCAL WEATHER AVAILABLE.
4. ADDED BACK UP ALTIMETER CHART NOTE: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MISSOULA ALTIMETER SETTING: INCREASE LPV DA TO 3550 AND LNAV/VNAV DA TO 3639 AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 120 FEET AND LNAV CAT B AND CIRCLING CATS A AND B VISIBILITY 1/4 SM. - LOCAL WEATHER NOW AVAILABLE
5. FAS DATA FPAP LOCATION UPDATED FROM 473256.4600N/1140603.8100W TO 473256.4535N/1140603.8010W - RECOMPUTED IN TARGETS.
6. CRC REMAINDER CHANGED FROM 2EA35777 TO 4C88BD19- FPAP LATITUDE/LONGITUDE CHANGE.
7. UPDATED CHART PROFILE NOTE FROM VGSI AND DESCENT ANGLES NOT COINCIDENT TO VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).- 8620.19H 8-9-6 M.
8. REMOVED CHART FAS OBST: ASC - ONLY NPA OBSTACLES ARE CHARTED IAW 8620.19H 8-6-10(C).
9. REMOVED CHART NOTE: DME/DME RNP 0.3 NA AND ADDED PBN REQUIREMENTS NOTE: RNP APCH - 8620.19H 8-6-8 B (1).
10. UPDATED RNP VALUE FOR HANIM TO DMESR FROM 2.00 TO 1.00 - 8260.58A TABLE 1-2-1.
11. UPDATED FATMI TO GEDKE/4.00 NM TO RW 16 FROM FB TO FO - 8620.19H 4-6-3 A.
12. INCORPORATED PREVIOUS CHANGES FROM PNOTAM INTO FORM.
13. REMOVED CHART NOTE: BARO-VNAV NA AND ADDED CHART NOTE: BARO-VNAV NA WHEN USING MISSOULA ALTIMETER SETTING - LOCAL WEATHER AVAILABLE.
14. ADDED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -21C OR ABOVE 54C - 8260.19H 8-6-9 S.
15. ADDED CHART CIRCLING ICON - NEW CIRCLING APPLIED.

1/6/2021: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 12/7/20.

1. CHART PROFILE NOTE FROM "BARO-VNAV AND VDP NA WHEN USING MISSOULA ALTIMETER SETTING" TO "BARO-VNAV NA WHEN USING MISSOULA ALTIMETER SETTING".
2. CHART PROFILE NOTE FROM "VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" TO "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})".

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: AMGR

FLIGHT CHECKED BY
SCOTT ANDREW THOMPSON

Digitally signed by
JON DENTON OFFICE
FIOG
11/29/2020
Jan 06, 2021

DEVELOPED BY
WARDELL HENNING (CASEY HILL)

Digitally signed by
JON DENTON OFFICE
AJV-A422
05/04/2020
Jan 06, 2021

APPROVED BY
LONNIE EVERHART

Digitally signed by
JON DENTON OFFICE
AJV-A420
Jan 06, 2021

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	7S0
RUNWAY	RW16
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	473425.5035N
LTP/FTP LONGITUDE	1140603.8780W
LTP/FTP ELLIPSOIDAL HEIGHT	+09253
FPAP LATITUDE	473256.4535N
FPAP LONGITUDE	1140603.8010W
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	1288
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	4C88BD19

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+09406
FPAP ORTHOMETRIC HEIGHT	+09406

