

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> EDWARD G PITKA SR	<u>AIRPORT ID</u> PAGA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 8	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> GALENA	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 154	<u>TDZE</u> 152	<u>SUPERSEDED</u> RNAV (GPS) RWY 7	<u>ORIGINAL/AMENDMENT</u> 2A	<u>DATED</u> 11/13/2014	<u>MAG VAR</u> 13E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 13 SEPTEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> 9/13/2018	<u>CANCEL SUSPEND</u>	<u>EPOCH YEAR</u> 2020

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 346/30 CW 166/30	NOPT	346/10 CW 166/10		5000
2. 346/10 CW 166/10		JINUV	IF/IAF	3600
3. 166/30 CW 256/30		MOCJU	IAF	3800
4. 256/30 CW 346/30		YUWAR	IAF	5000

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>
MOCJU	IAF	JINUV	NOPT	TF	FB	1.00	166.01	8.00	3600
YUWAR	IAF	JINUV	NOPT	TF	FB	1.00	346.01	8.00	3600
JINUV	IF/IAF	RAMAW	PFAF	TF	FB	1.00	076.01	7.34	2300
RAMAW	FAF	ZEMDO/2.80 NM TO RW08		TF	FB	0.30	076.28	3.82	
ZEMDO/2.80 NM TO RW08		RW08	MAP	TF	FO	0.30	076.28	2.80	
RW08	MAP	402 MSL		CA			076.28		
402 MSL		MIGKY		DF	FO	1.00			3600



MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW08

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3600 DIRECT MIGKY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)				
2.	HOLD W JINUV, RT, 076.01 INBOUND, 3600 FT. IN LIEU OF PT (IAF), MAX 6000.							
3. FAC:	076.28	PFAF: RAMAW	DIST PFAF TO MAP: 6.62	DIST PFAF TO THLD: 6.62				
4. MIN ALT:	JINUV 3600, RAMAW 2300, ZEMDO/2.80 NM TO RW08 1080*							
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.66	GS ANT:			
6. MIN GP INCPT: 2300	GP ALT AT PFAF : RAMAW 2300		OM:	MM:	IM:			
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 42.1					
8. MSA FROM:								

PBN REQUIREMENTS NOTES:

RNP APCH

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C OR ABOVE 54C.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 0.97 NM TO RW08*
*LNAV ONLY
WAAS CHANNEL #86907
REFERENCE PATH ID: W08A
CHART FAS OBST: 247 DOME 644431N/1565727W.
HOLD E, LT, 257.09 INBOUND
LTP HAE: 53.1 M

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
LPV DA	402	1	250	402	1	250	402	1	250	402	1	250			
LNAV/VNAV DA	410	1	258	410	1	258	410	1	258	410	1	258			
LNAV MDA	500	1	348	500	1	348	500	1	348	500	1	348			
CIRCLING	560	1	406	620	1	466	620	1 1/2	466	720	2	566			

CHANGES - REASONS

1. UPDATED MAGVAR FROM 17E/2010 TO 13E/2020, UPDATED RWY NUMBER FROM 7 TO 8, UPDATED REFERENCE PATH ID FROM W07A TO W08A, AND ALL COURSES UPDATED 4 DEGREES WEST - AIRPORT MAGVAR OUT OF TOLERANCE.
2. UPDATED AIRPORT ELEVATION FROM 153 TO 154 AND TDZE FROM 150 TO 152 - NEW AIRPORT DATA.
3. LOWERED TAA STRAIGHT-IN OUTER SECTOR ALTITUDE FROM 5500 TO 5000 - NEW CONTROLLING OBSTACLE.
4. LOWERED LEFT BASE ALTITUDE FROM 4300 TO 3800 - NEW CONTROLLING OBSTACLE.
5. DELETED RIGHT BASE STEP DOWN ARC AND LOWERED THE SECTOR ALTITUDE FROM 5400 TO 5000 - NEW CONTROLLING OBSTACLE.
6. UPDATED MOCJU TO JINUV COURSE FROM 162.02 TO 166.01, YUWAR TO JINUV COURSE FROM 342.02 TO 346.01, JINUV TO RAMAW COURSE/DISTANCE FROM 072.02/7.50 TO 076.02/7.34- MAGVAR OUT OF TOLERANCE/MOVED RAMAW (FAF) WEST 930 FEET.
7. RAISED JINUV TO RAMAW ALTITUDE, FAF ALTITUDE AND GS INCPT FROM 2200 TO 2300 - ATC/FPT CHECKLIST
8. UPDATED SDF FIX DISCRIPTION FROM "ZEMDO/2.22 NM TO RW07" TO "ZEMDO/2.80 NM TO RW07," - MOVED ZEMDO 2521 FEET WEST.
9. UPDATED RAMAW TO ZEMDO DISTANCE FROM 4.08 TO 3.82 AND ZEMDO TO RW08 COURSE DISTANCE FROM 072.42/2.22 TO 072.28/2.22 - MOVED RAMAW (FAF) WEST 930 FEET AND MOVED ZEMDO 2521 FEET WEST.
10. UPDATED CA LEG FROM "RW07 TO 398 MSL" TO "RW08 TO 402 MSL" - RWY NUMBER UPDATE/NEW AIRPORT DATA.
11. ADDED LEG TYPES AND RNP VALUES TO TERMINAL ROUTES - IAW 8260.19H 8-6-4.A.(6)(B) & (C).
12. UPDATED "398 MSL TO MIGKY" TO "402 MSL TO MIGKY AND LOWERED MA ALTITUDE FROM 4000 TO 3600 - NEW AIRPORT DATA/NEW CONTROLLING OBSTACLE.
13. UPDATED HIL INBOUND COURSE FROM 072.02 TO 076.01 - ALIGN WITH INTERMEDIATE COURSE.
14. UPDATED DIST FAF TO MAP/THLD FROM 6.30 TO 6.62 - MOVED RAMAW (FAF) WEST 930 FEET.
15. RAISED ZEMDO SDF ALITDUE FROM 900 TO 1080 - MOVED ZEMDO 2521 FEET WEST/OPTIMUM DESCENT GRADIANT.
16. ADDED "250 HAT: 0.66" TO LINE 5 AND DELETED "DISTANCE TO THLD FROM 250 HATH: 0.64 NM." FROM ADDITIONAL FLIGHT DATA - IAW 8260.19H 8-6-7.E.(3) DISTANCE CHANGED DUE TO NEW AIRPORT DATA.
17. LOWERED TCH FROM 45.0 TO 42.1 - ATC/FPT CHECKLIST.
18. UPDATED NOTE FROM "34:1 IS NOT CLEAR" TO "34:1 IS CLEAR" AND ADDED "20:1 IS CLEAR" - ALL VISUAL SURFACES ARE CLEAR, IAW 8260.19H 8-6-7.G.(3).
19. UPDATED FAS OBST FROM "CHART FAS OBST: 249 TREE 644348N/1570133W" TO "CHART FAS OBST: 247 DOME 644431N/1565727W" - NEW CONTROLLING OBSTACLE.
20. DELETED "FAS OBST: 333 AAO 6444403N/157W" - FAF TO STEPDOWN OBSTACLE NOT REQUIRED WHEN THEIR IS A STEPDOWN AND NO DUAL MINS. IAW 8260.19H 8-6-10.C.
21. ADDED "CHART VDP AT 0.97 NM TO RW08*" AND ""LNAV ONLY" TO ADDITIONAL FLIGHT DATA - 20:1 PENETRATIONS NO LONGER EXIST.
22. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA - IAW 8260.19H PARA 8-6-10.T. & UPDATE TO NEW CIRCLING CRITERIA.
23. RAISED LPV ALL CATS DA FROM 400 TO 402 - NEW AIRPORT DATA.
24. LOWERED LNAV/VNAV ALL CATS DA/VIS/HAT FROM 511/1 1/4/361 TO 410/1/258, LOWERED LNAV ALL CATS MDA/HAT FROM 560/410 TO 500/348 AND VIS CATS C/D FROM 1 1/8 TO 1 AND LOWERED CIRCLING CMDA/HAA FROM 620/467 TO 560/406 - NEW CONTROLLING OBSTACLE.
25. UPDATED CIRCLING HAA CATS B/C FROM 467 TO 466 AND CAT D FROM 567 TO 566 - NEW AIRPORT DATA.
26. ADDED "RNP APCH" TO PBN REQUIREMENTS NOTES AND DELETED "CHART NOTE: DME/DME RNP - 0.3 NA" FROM NOTES SECTION - IAW 8260.19H PARA 8-6-8.B.(1) AND IMPLEMENTATION OF FAA ORDER 8260.19H FLIGHT PROCEDURES AND AIRSPACE MEMO, DATED 9/12/2017 PARA. F.
27. UPDATED TEMPERATURE NOTE FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C (-13F) OR ABOVE 42C (109F)" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C OR ABOVE 54C" - IAW 8260.19H 8-6-9.S. AND MEMO DATED 03/01/2013.
28. MOVED THE BACK-UP ALTIMETER NOTE AND ALL ASSOCIATED NOTES TO THE 8260-9 PART C GENERAL REMARKS - IAW 8-6-9.F.(3).
29. DELETED "CHART NOTE: WHEN VGSi INOP, PROCEDURE NA AT NIGHT" - VGSi DECOMMISSIONED/20:1 PENETRATIONS NO LONGER EXIST.
30. UPDATED CRC REMAINDER FROM 41D43142 TO E633A981- CHANGE TO REF PATH ID, LTP LAT/LONG AND VAL.
31. DELETED "CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NA" - 20:1 AND 34:1 PENETRATIONS NO LONGER EXIST.





