

**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> GAL/PAGA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 26	<u>ORIGINAL/AMENDMENT</u> 4	<u>CITY</u> GALENA	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 154	<u>TDZE</u> 153	<u>SUPERSEDED</u> RNAV (GPS) RWY 26	<u>DATED</u> 09/13/2018	<u>MAG VAR</u> 13E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ORIGINAL/AMENDMENT</u> 3	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2020
		<u>ACTUAL EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 167/30 CW 347/30	NOPT	167/8 CW 347/8		5900
2. 167/8 CW 347/8		MIGKY	IF/IAF	4000
3. 347/30 CW 077/30		347/7 CW 077/7		5000
4. 347/7 CW 077/7		ORIZY	IAF	4000
5. 077/30 CW 167/30		EDWUM	IAF	4000

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>
ORIZY	IAF	MIGKY	NOPT	TF	FB	1.00	347.10	8.00	4000
EDWUM	IAF	MIGKY	NOPT	TF	FB	1.00	167.10	8.00	4000
MIGKY	IF/IAF	CIVBA		TF	FB	1.00	257.09	9.53	2300
CIVBA	FAF	YAGUL/3.00 NM TO RW26		TF	FB	0.30	256.78	3.61	
YAGUL/3.00 NM TO RW26		RW26	MAP	TF	FO	0.30	256.78	3.00	
RW26	MAP	403 MSL		CA			256.78		
403 MSL		JINUV		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW26

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT JINUV AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
21
CHECKED

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD E MIGKY, LT, 257.09 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 10000.														
3.	FAC:	256.78	FAF:	CIVBA	DIST FAF TO MAP:	6.61	DIST FAF TO THLD:	6.61							
4.	MIN ALT:	MIGKY 4000, CIVBA 2300, YAGUL/3.00 NM TO RW26 1140													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		250 HAT:	0.64	GS ANT:				
6.	MIN GP INCPT:	2300	GP ALT AT PFAF:	CIVBA 2300			OM:				MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	45.0							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 076.01 INBOUND.
CHART FAS OBST: 254 TREE (02-055744) 644431N/1565423W.
CHART VDP AT 1.01 NM TO RW26.
WAAS CHANNEL # 77707
REFERENCE PATH ID: W26A
CHART CIRCLING ICON.
LTP HAE: 54.3 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	403	1	250	403	1	250	403	1	250	403	1	250			
LNAV/VNAV DA	415	1	262	415	1	262	415	1	262	415	1	262			
LNAV MDA	520	1	367	520	1	367	520	1	367	520	1	367			
CIRCLING	560	1	406	620	1	466	620	1 1/2	466	760	2	606			



CHANGES - REASONS

1. STEP DOWN SECTOR ADDED TO LEFT BASE TAA.- ATC REQUEST.
2. LOWERED ALTITUDE ON RIGHT BASE TAA FROM 4300 TO 4000.- ATC REQUEST TO MATCH INITIAL FROM EDWUM.
3. TDZE CHANGED FROM 154 TO 153.- NEW SURVEY.
4. LPV DA CHANGED FROM 404 TO 403.- NEW TDZE.
5. CHANGED MISSED CLIMB TO ALTITUDE FROM 404 TO 403.- MATCH LPV DA.
6. RAISED H-I-L MAX ALTITUDE FROM 6000 TO 10000.- ATC REQUEST.
7. REMOVED * FROM LINE 4 OF PROFILE VIEW.- * NO LONGER NEEDED.
8. DELETED *LNAV ONLY FROM ADDITIONAL FLIGHT DATA.- * LNAV NO LONGER NEEDED.
9. TCH CHANGED FROM 42.5 TO 45.- MAINTAIN A 3º GPA IN TARGETS VICE IPDS.
10. PBN REQUIREMENTS NOTE FROM RNP APCH TO RNP APCH- GPS.- IAW FAAO 8260.19J.
11. CHANGED BARO-VNAV NOTE FROM NA BELOW -20 TO -19.- NEW 5 YEAR TEMP STUDY (2018-2022).
12. VDP DIST CHANGED FORM 1.02 TO 1.01.- NEW TARGETS CALCULATIONS.
13. FAS OBST CHANGED FROM 252 TREE TO 254 TREE.- 3DEP.
14. 7:1 OBST CHANGED FROM 550 AAO TO 565 AAO.- 3DEP.
15. CAT D CMDA/HAA RAISED FROM 720/566 TO 760/606.- NEW 3DEP OBST.
16. FAS DATA LTP COORDINATES CHANGED FROM 644409.8400N/1565508.8200W TO 644409.8425N/1565508.8380W.- NEW TARGETS CALCULATIONS.
17. CRC REMAINDER CHANGED FROM 11D1DBE7 TO E1C033E2.- NEW TARGETS CALCULATIONS.

COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER:

ZAN, WST FPT

FLIGHT CHECKED BY

Digitally signed by

ALLAN WILL

Aug 05, 2025

OFFICE

AJF

DATE

08/01/2025

DEVELOPED BY

Digitally signed by

LIAM DONAHUE

Apr 22, 2025

OFFICE

AJV-33

DATE

02/07/2025

APPROVED BY

Digitally signed by

ALLAN WILL

Aug 05, 2025

OFFICE

AJV-33

DATE

10/02/2025

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PAGA
RUNWAY	RW26
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W26A
LTP/FTP LATITUDE	644409.8425N
LTP/FTP LONGITUDE	1565508.8380W
LTP/FTP ELLIPSOIDAL HEIGHT	+00543
FPAP LATITUDE	644409.0805N
FPAP LONGITUDE	1565836.6515W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1168
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	E1C033E2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00467
FPAP ORTHOMETRIC HEIGHT	+00467



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u> GAL/PAGA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 26	<u>AMDT NO.</u> 4	<u>CITY</u> GALENA	<u>STATE</u> AK	<u>AIRPORT ELEVATION</u> 154	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM 167/30 CW 347/30 **TO** 167/8 CW 347/8

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	645503.00N/1560024.00W	3468	215	8	4B	2000				AT432	5900
TERRAIN	645503.00N/1560024.00W	3267 (3300)								AS1500	4800

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM 167/8 CW 347/8 **TO** MIGKY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	644506.00N/1555615.00W	1841	215	8	4B	2000				AT159	4000
TERRAIN	644509.00N/1555900.00W	1486 (1500)								AS1500	3000

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

QUALITY
21
CHECKED

LEFT BASE AREA

FROM

347/30 CW 077/30

TO

347/7 CW 077/7

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	642654.00N/1571751.00W	2914	215	8	4B	2000					5000
TERRAIN	642654.00N/1571754.00W	2713 (2700)								AS1500	4200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

LEFT BASE AREA

FROM

347/7 CW 077/7

TO

ORIZY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>			<u>HMAS</u>	
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	642951.00N/1563209.00W	1752	215	8	4B	2000				AT248	4000
TERRAIN	643142.00N/1562606.00W	1345 (1300)								AS1500	2800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



RIGHT BASE AREA

FROM

077/30 CW 167/30

TO

EDWUM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	645703.00N/1561224.00W	1884	215	8	4B	2000				AT116	4000
TERRAIN	645324.00N/1561815.00W	1535 (1500)								AS1500	3000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

ORIZY

TO

MIGKY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	8.00										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	644324.00N/1561603.00W	1188	215	8	4B	1000				AT1812	4000
TERRAIN	644324.00N/1561603.00W	987 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM

EDWUM

TO

MIGKY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	8.00										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	645306.00N/1561936.00W	1683	215	8	4B	1000				AT1317	4000
TERRAIN	645209.00N/1562142.00W	1269 (1300)								AS1500	2800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

MIGKY (IF/IAF)

TO

CIVBA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	9.53										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	644324.00N/1561603.00W	1188	215	8	4B	500				AT612	2300
TERRAIN	644324.00N/1561603.00W	987 (1000)								AS1000	2000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LPV

FROM

CIVBA

TO

RW26

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	6.61		DA				250				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (02-030164)	644405.88N/1565437.07W	195	20	3	1A		34:1				403

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM

CIVBA

TO

RW26

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	6.61		DA				262				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (02-055744)	644430.65N/1565422.64W	254	20	3	1A	161					415

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV

FROM

CIVBA

TO

YAGUL/3.00 NM TO RW26

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
0.30	3.61										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE	644336.00N/1564303.00W	473	215	8	4B	250				RA160 DG226 XL31	1140

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

YAGUL/3.00 NM TO RW26

TO

RW26

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
0.30	3.00		RW26			367					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (02-055744)	644430.65N/1565422.64W	254	20	3	1A	250					520

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



HOLD-IN-LIEU OF PT

FROM

MIGKY

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-5	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	644506.00N/1555615.00W	1841	215	8	4B	1000				AT1159	4000
TERRAIN	644506.00N/1555615.00W	1640 (1600)								AS1500	3100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LPV

FROM

DA

TO

JINUV

<u>RNP</u> 0.30	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 216			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				4000
AAO	644454.00N/1571936.00W	1221	215	8	4B	1000					2300
TERRAIN	644451.00N/1571842.00W	1020 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LNAV/VNAV

FROM

DA

TO

JINUV

<u>RNP</u> 0.30	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u> 254				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				4000
AAO	644454.00N/1571936.00W	1221	215	8	4B	1000					2300
TERRAIN	644451.00N/1571842.00W	1020 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW26

TO

JINUV

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>	<u>HMAS</u> 420					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				4000
AAO	644454.00N/1571936.00W	1221	215	8	4B	1000					2300
TERRAIN	644451.00N/1571842.00W	1020 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID

GAL/PAGA

PROCEDURE NAME

RNAV (GPS) RWY 26

AMDT NO.

4

CITY

GALENA

STATE

AK

AIRPORT ELEVATION

154

FACILITY

RNAV

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TREE (02-055744)	644430.65N/1565422.64W	1.30	406	254	20	3	1A	300			560
CATEGORY B											
TREE (02-055744)	644430.65N/1565422.64W	1.81	466	254	20	3	1A	300		HAA	620
CATEGORY C											
TREE (02-055744)	644430.65N/1565422.64W	2.84	466	254	20	3	1A	300		HAA	620
CATEGORY D											
AAO	644709.00N/1565009.00W	3.71	606	447	215	8	4B	300			760

CIRCLING REMARKS:

MSA/ESA

CENTERRADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

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PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZAN ARTCC, FAI FSS

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
AWOS-3P	GAL/PAGA	24	GAL/PAGA	0	Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
AWOS-3P	RBV/PARY	24	RBV/PARY	37.61	Y	152

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
PAGA 154, PARY 612
RA=151.3

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW06			
RW24			
RW08 - MIRL (PCL)		NPI-F	
RW26 - MIRL (PCL)		NPI-F	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
3.00	153.1	45.0				

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	800
ON CENTERLINE	X	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
-19C	+54C	-44C	+14.7C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2018-2022).
CRITICAL LOW TEMPERATURE BASED ON EFFECTIVE GPA.
DESCENT RATE (FPM): STANDARD TEMP 957 HIGH TEMP 1262.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 24		
20:1			
153 LIGHTING (02-291657) 644410.3200N/1565541.0900W (4.67)		154 SIGN (02-255432) 644410.8600N/1565539.5600W (2.33)	
FINAL TYPE	CIRCLING RWY 6		

QUALITY
21
CHECKED



<u>AIRPORT ID</u> GAL/PAGA		<u>PROCEDURE NAME</u> RNAV (GPS) RWY 26	<u>AMDT NO.</u> 4	<u>CITY</u> GALENA	<u>STATE</u> AK	<u>AIRPORT ELEVATION</u> 154	<u>FACILITY</u> RNAV
20:1							
210 TOWER (02-020403) 644413.8900N/1565714.1200W (11.22)				153 SIGN (02-031017) 644410.9200N/1565651.6700W (2.84)			
151 NAVAID (02-030370) 644410.3200N/1565651.7900W (0.55)				151 SIGN (02-030616) 644410.6100N/1565651.8100W (0.52)			
FINAL TYPE	CIRCLING RWY 8						
20:1							
151 LIGHTING (02-291182) 644410.0200N/1565704.0100W (1.5)							
FINAL TYPE	RWY 26						
20:1							
155 LIGHTING (02-292137) 644409.2700N/1565504.2200W (1.9)				155 LIGHTING (02-291267) 644410.4500N/1565504.2400W (1.89)			
<u>PENETRATIONS REMARKS:</u>							
all penetrations are lighted and/or frangible and fixed by function.							

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

PER FPT: 40 FT VEGETATION USED IN PROCEDURE.

CONTINGENCY NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE RUBY ALTIMETER SETTING: INCREASE LPV DA TO 555 FEET, AND ALL VISIBILITY 1/8 SM; INCREASE LNAV/VNAV DA TO 567 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 160 FEET AND LNAV VISIBILITY CATS C/D 1/2 SM AND CIRCLING VISIBILITY CATS C/D 1/2 SM.

CHART NOTE: VDP AND BARO-VNAV NA WHEN USING RUBY ALTIMETER SETTING.

TEMPERATURE DATA FOR 2023 IS INCOMPLETE. THEREFORE, IAW FAAO 8260.19J, 2018 -2022 USED IN TEMPERATURE CALCULATIONS.

ORDER 8260.3 CHAPTER 2 APPLIED TO 565 AAO 644424.00N/1563906.00W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.47
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	269.78
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	300
DISTANCE FROM	THLD	TO 1500FT POINT	13.74
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	270.09
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	900

THRESHOLD COORDINATES (IF STR-IN)	644409.84N/1565508.84W
ARP COORDINATES	644410.28N/1565604.40W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 26 DISTANCE 0.53 NM
FAF COORDINATES	644412.18N/1563944.03W
FIX NAME COORDINATES	IF/IAF MIGKY 644412.90N/1561729.97W, IAF ORIZY 643614.48N/1561731.91W, IAF EDWUM 645211.31N/1561728.01W

REMARKS

TAA 30NM RADIUS
IF/IAF MIGKY: 644412.90N/1561729.97W, IAF ORIZY: 643614.48N/1561731.91W, IAF EDWUM: 645211.31N/1561728.01W
THLD DISPLACED 800FT, ACTUAL COORDINATES: 644409.91N/1565450.41W

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
LIAM DONAHUE	AJV-33	02/07/2025	AERONAUTICAL INFORMATION SPECIALIST

