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.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
KSM/PASM	RNAV (GPS) RWY 35	3	ST MARY'S	AK

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
315	310	RNAV (GPS) RWY 35	2F	02/20/2025	7E	2030

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
RNAV			ROUTINE	

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 266/30 CW 085/30	NOPT	RUVHO	IF/IAF	2100
2. 085/30 CW 175/30		MKDOG	IAF	3800
3. 175/30 CW 266/30		DOKZI	IAF	3400

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
MKDOG	IAF	RUVHO	NOPT	TF	FB	1.00	085.21	7.00	2100
DOKZI	IAF	RUVHO	NOPT	TF	FB	1.00	265.64	7.00	2100
RUVHO	IF/IAF	ONEPY		TF	FB	1.00	355.42	7.30	1800
ONEPY	FAF	RW35	MAP	TF	FO	0.30	355.43	4.52	
RW35	MAP	560 MSL		CA			355.43		
560 MSL		YOZMO		DF	FO	1.00			2600

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2600 DIRECT YOZMO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY 13 CHECKED

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. HOLD S RUVHO, RT, 355.42 INBOUND, 2100 IN LIEU OF PT (IAF), MAX 6000.
3. **FAC:** 355.43 **FAF:** ONEPY **DIST FAF TO MAP:** 4.52 **DIST FAF TO THLD:** 4.52
4. **MIN ALT:** RUVHO 2100, ONEPY 1800
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **250 HAT:** 0.63 **GS ANT:**
6. **MIN GP INCPT:** 1800 **GP ALT AT PFAF:** ONEPY 1800 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 50.0
8. **MSA FROM:**

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA E OF RWY 17-35.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°C.
CHART NOTE: CIRCLING RWY 7 NA AT NIGHT.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING MUO/PAMO ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MOU/PAMO ALTIMETER SETTING AND INCREASE LPV DA TO 589 FEET; INCREASE LNAV/VNAV DA TO 913 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CATS C AND D 1/8 SM AND CIRCILING VISIBILITY CATS C AND D 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 175.46 INBOUND.
FAS OBST: 675 TREE 620230N/1631654W.
CHART VDP AT 1.87 NM TO RW35.
WAAS CHANNEL # 87028
REFERENCE PATH ID: W35A
LTP HAE: 103.4 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	560	1	250	560	1	250	560	1	250	560	1	250			
LNAV/VNAV DA	884	1 5/8	574	884	1 5/8	574	884	1 5/8	574	884	1 5/8	574			
LNAV MDA	960	1	650	960	1	650	960	1 7/8	650	960	1 7/8	650			
CIRCLING	960	1	645	960	1	645	960	1 7/8	645	960	2	645			

QUALITY 13 CHECKED

CHANGES - REASONS

1. AIRPORT ELEVATION: UPDATED FROM "312" TO "315" - NEW AIRNAV DATA.
2. TDZE: UPDATED FROM "308" TO "310" - NEW AIRNAV DATA.
3. MAGVAR: UPDATED FROM "12E 2015" TO "7E 2030" - MAGVAR UPDATE.
4. TAA: STRAIGHT-IN TAA UPDATED FROM "274/30 CW 067/30 NOPT RUVHO IF/IAF 2000" TO "266/30 CW 085/30 NOPT RUVHO IF/IAF 2100" - INITIAL LEGS REDESIGN, MAGVAR UPDATE, NEW IF ALTITUDE.
5. TAA: LEFT BASE TAA UPDATED FROM "067/30 CW 170/30 GAKCE IAF 3900" TO "085/30 CW 175/30 MKDOG IAF 3800" - INITIAL LEGS REDESIGN, MAGVAR UPDATE, NEW IF ALTITUDE, IAF NAME CHANGE.
6. TAA: RIGHT BASE TAA UPDATED FROM "170/30 CW 274/30 BIBNE IAF 4200" TO "175/30 CW 266/30 DOKZI IAF 3400" - INITIAL LEGS REDESIGN, MAGVAR UPDATE, NEW IF ALTITUDE, IAF NAME CHANGE.
7. TERMINAL ROUTES: UPDATED INITIAL SEGMENT FROM "GAKCE IAF RUVHO NOPT TF FB 1.00 066.55 9.43 2000" TO "MKDOG IAF RUVHO NOPT TF FB 1.00 085.21 7.00 2100" - INITIAL REDESIGN, IAF NAME CHANGE.
8. TERMINAL ROUTES: UPDATED INITIAL SEGMENT FROM "BIBNE IAF RUVHO NOPT TF FB 1.00 274.03 9.46 2000" TO "DOKZI IAF RUVHO NOPT TF FB 1.00 265.64 7.00 2100" - INITIAL REDESIGN, IAF NAME CHANGE.
9. TERMINAL ROUTES: UPDATED INTERMEDIATE SEGMENT COURSE / DISTANCE FROM "350.42 / 7.23" TO "355.42 / 7.30" - MAGVAR UPDATE, FAF LOCATION CHANGE.
10. TERMINAL ROUTES: UPDATED FINAL SEGMENT COURSE/ DISTANCE FROM "350.43 / 4.53" TO "355.43 / 4.52" - MAGVAR UPDATE, FAF LOCATION CHANGE.
11. TERMINAL ROUTES: UPDATED CA FROM "508 MSL / COURSE 350.43" TO "560 MSL / 355.43" - MAGVAR UPDATE, LPV MINIMUMS UPDATE, TDZE UPDATE.
12. PROFILE LINE 2: UPDATED COURSE / ALTITUDE FROM "350.42 / 2000" TO " 355.42 / 2100" - MAGVAR UPDATE, IF ALTITUDE CHANGE.
13. PROFILE LINE 3: UPDATED FAC / DIST FAF TO MAP / DIST FAF TO THLD FROM "350.43 / 4.53 / 4.53" TO " 355.43 / 4.52 / 4.52" - MAGVAR UPDATE, FAF LOCATION CHANGE.
14. PROFILE LINE 4: UPDATED MIN ALT RUVHO FROM "2000" TO "2100" IF ALTITUDE CHANGE.
15. PROFILE LINE 5: UPDATED FROM "200 HAT: 0.47" TO "250 HAT: 0.63" - LPV MINIMUMS UPDATED.
16. PROFILE LINE 7: UPDATED FROM "34:1: IS NOT CLEAR / 20:1: IS NOT CLEAR" TO "34:1: IS CLEAR / 20:1: IS CLEAR" - NO 34:1 AND 20:1 OBSTACLES.
17. NOTES: REMOVED "CHART NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - 20:1 IS CLEAR.
18. NOTES: UPDATED FROM "CHART NOTE: BARO-VNAV NA WHEN USING MOUNTAIN VILLAGE ALTIMETER SETTING" TO "CHART NOTE: BARO-VNAV AND VDP NA WHEN USING MUO/PAMO ALTIMETER SETTING" - IAW 8260.19K 8-6-10 E.(8).
19. NOTES: ADDED "CHART NOTE: CIRCLING RWY 7 NA AT NIGHT" - 20:1 CIRCLING OBSTACLES.
20. NOTES: UPDATED FROM "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MOUNTAIN VILLAGE ALTIMETER SETTING AND INCREASE ALL DA 29 FT AND ALL MDAS 40 FEET AND LNAV VISIBILITY CAT C/D 1/8 SM AND CIRCILING VISIBILITY CAT C 1/8 SM, CAT D 1/4 SM" TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MOU/PAMO ALTIMETER SETTING AND INCREASE LPV DA TO 589 FEET; INCREASE LNAV/VNAV DA TO 913 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CATS C AND D 1/8 SM AND CIRCILING VISIBILITY CATS C AND D 1/4 SM" - IAW 8260.19K 8-6-10 7.(4).
21. ADDITIONAL FLIGHT DATA: UPDATED FROM "HOLD N, RT, 170.46 INBOUND" TO "HOLD N, RT, 175.46 INBOUND" - MAGVAR UPDATE.
22. ADDITIONAL FLIGHT DATA: UPDATED FROM "CHART FAS OBST: 714 TREE 620230N/1631651W" TO "FAS OBST: 675 TREE 620230N/1631654W" - NEW FAS OBSTACLE.
23. ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 1.87 NM TO RW35" - 20:1 IS CLEAR.
24. ADDITIONAL FLIGHT DATA: UPDATED FROM "LTP HAE: 103.7 M" TO "LTP HAE: 103.4 M" - LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM +01037 TO +01034.
25. MINIMUMS: UPDATED LPV DA / HAT FROM "508 / 200" TO "560 / 250" - TDZE CHANGE, OCS PENETRATION.
26. MINIMUMS: UPDATED LNAV/VNAV VIS / HAT FROM "2 / 576" TO "1 5/8 / 574" - TDZE CHANGE, IAW 8260.3G TABLE 3-3-1.
27. MINIMUMS: UPDATED LNAV HAT FROM "652" TO "650" - TDZE CHANGE.
28. MINIMUMS: UPDATED CIRCLING HAA FROM "648" TO "645" - AIRPORT ELEVATION CHANGE.
29. FAS DATA: CRC REMAINDER UPDATED FROM "21BE2C9B" TO "56ADA140" - LTP/FTP CHANGE FROM "620315.9620N/1631804.9765W" TO "620319.8750N/1631804.6260W, FPAP CHANGE FROM "620444.7200N/1631756.9100W" TO "620448.6330N/1631756.5645W", LENGTH OFFSET UPDATED FROM "0920" TO "1040", VAL UPDATED FROM "35.0" TO "50.0".

COORDINATED WITH:

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

FLIGHT CHECKED BY	*Digitally signed by* ***RAKE MCGRAW*** Jun 09, 2026	**OFFICE**	**DATE**	
JOEL F HAWKLEY		AJF	05/28/2026	
DEVELOPED BY	*Digitally signed by* ***RAKE MCGRAW*** Jun 09, 2026	**OFFICE**	**DATE**	
DANIEL WESTON		AJV-A422	02/24/2026	
APPROVED BY	*Digitally signed by* ***RAKE MCGRAW*** Jun 09, 2026	**OFFICE**	**DATE**	**TITLE**
RAKE MCGRAW		AJV-A422	06/04/2026	MANAGER

QUALITY 13 CHECKED

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PASM
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	620319.8750N
LTP/FTP LONGITUDE	1631804.6260W
LTP/FTP ELLIPSOIDAL HEIGHT	+01034
FPAP LATITUDE	620448.6330N
FPAP LONGITUDE	1631756.5645W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1040
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	56ADA140

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00946
FPAP ORTHOMETRIC HEIGHT	+00946

QUALITY 13 CHECKED

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

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
KSM/PASM	RNAV (GPS) RWY 35	3	ST MARY'S	AK	315	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM	TO
266/30 CW 085/30	RUVHO

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	613321.00N/0634615.00W	410	215	8	4B	1000				AT690	2100
TERRAIN	613321.00N/1634615.00W	209 (200)								AS1500	1700

COMPUTATIONS

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

SEGMENT REMARKS:

LEFT BASE AREA

FROM	TO
085/30 CW 175/30	MKDOG

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	620006.00N/1643542.00W	2599	215	8	4B	1000					3600
TERRAIN	620100.00N/1643348.00W	2332 (2300)								AS1500	3800

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY 13 CHECKED

RIGHT BASE AREA

FROM	TO
175/30 CW 266/30	DOKZI

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	622009.00N/1624303.00W	1388	215	8	4B	2000					3400
TERRAIN	615530.00N/1620139.00W	1276 (1300)								AS1500	2800

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM	TO
MKDOG	RUVHO

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	7.00				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	615421.00N/1632700.00W	246	215	8	4B	1000				AT854	2100
TERRAIN	615424.00N/1632706.00W	45 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY 13 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
KSM/PASM	RNAV (GPS) RWY 35	3	ST MARY'S	AK	315	RNAV

INITIAL

FROM	TO
DOKZI	RUVHO

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	7.00				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	615121.00N/1630915.00W	240	215	8	4B	1000				AT860	2100
TERRAIN	615300.00N/1631527.00W	39 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM	TO
RUVHO (IF/IAF)	ONEPY

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	7.30				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	615421.00N/1632700.00W	246	215	8	4B	500				AT1054	1800
TERRAIN	615542.00N/1631951.00W	39 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY 13 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
KSM/PASM	RNAV (GPS) RWY 35	3	ST MARY'S	AK	315	RNAV

FINAL: LPV

FROM	TO
ONEPY	RW35

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	4.52		DA	250	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (02-316159)	620315.28N/1631756.72W	319	20	3	1A		34.00:1				560

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM	TO
ONEPY	RW35

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	4.52		DA	574	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	620230.00N/1631654.00W	675	215	8	4B	161				XP40 AC8	884

COMPUTATIONS

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

SEGMENT REMARKS:

XP TO MAINTAIN CURRENT MINS

QUALITY 13 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
KSM/PASM	RNAV (GPS) RWY 35	3	ST MARY'S	AK	315	RNAV

FINAL: LNAV

FROM	TO
ONEPY	RW35

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	4.52		RW35	650	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	620230.00N/1631654.00W	675	215	8	4B	250				XP25	960

COMPUTATIONS

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

SEGMENT REMARKS:

XP TO MAINTAIN CURRENT MINS

HOLD-IN-LIEU OF PT

FROM	TO
RUVHO	P-5

RNP	DISTANCE	PAT	MAP	HAT	HMAS
		P-5			

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	614330.00N/1631221.00W	279	215	8	4B	1000				AT821	2100
TERRAIN	614330.00N/1631221.00W	78 (100)								AS1500	1600

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY 13 CHECKED

MISSED APPROACH: LPV

FROM	TO
DA	YOZMO

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30					373

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2600
AAO	621624.00N/1631806.00W	748	215	8	4B	1000					1800
TERRAIN	620230.00N/1631654.00W	659 (700)								AS1500	2200

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	TO
DA	YOZMO

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30					723

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2600
AAO	621624.00N/1631806.00W	748	215	8	4B	1000					1800
TERRAIN	620230.00N/1631654.00W	659 (700)								AS1500	2200

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY 13 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
KSM/PASM	RNAV (GPS) RWY 35	3	ST MARY'S	AK	315	RNAV

MISSED APPROACH: LNAV

FROM	TO
RW35	YOZMO

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					860

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2600
AAO	621624.00N/1631806.00W	748	215	8	4B	1000					1800
TERRAIN	620230.00N/1631654.00W	659 (700)								AS1500	2200

COMPUTATIONS

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

SEGMENT REMARKS:

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	620336.00N/1631936.00W	1.30	645	442	215	8	4B	300		SI	960
CATEGORY B											
TREE	620336.00N/1631936.00W	1.82	645	442	215	8	4B	300		SI	960
CATEGORY C											
TREE	620336.00N/1631936.00W	2.85	645	442	215	8	4B	300		SI	960
CATEGORY D											
AAO	620739.00N/1631624.00W	3.73	645	443	215	8	4B	300		SI	960

CIRCLING REMARKS:

MSA/ESA

CENTER	RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

QUALITY 13 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
KSM/PASM	RNAV (GPS) RWY 35	3	ST MARY'S	AK	315	RNAV

ZAN ARTCC, ENA FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3P	KSM/PASM	24	KSM/PASM		Y	0

BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3P	MOU/PAMO	24	MOU/PAMO	10.95	Y	29

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
PASM 315, PAMO 339
RA = 28.6.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW35 - REIL (PCL), HIRL (PCL), PAPI-4L (PCL)		
RW17 - REIL (PCL), HIRL (PCL), PAPI-4L (PCL)		
RW25 - MIRL (PCL)		
RW07 - MIRL (PCL)		

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	310.3	50.0			3.00	51.5

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD [X] FT FROM THRESHOLD DISPLACED THRESHOLD DISTANCE 400
ON CENTERLINE [X] FT FROM CENTERLINE

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
-19C	+54C	-25C	+14.38C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -40C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON EFFECTIVE GPA.
DESCENT RATE (FPM): STANDARD TEMP 959 HIGH TEMP 1265.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 07
20:1	
321 TREE (02-314833) 620310.33N/1631843.21W (5.53)	321 TREE (02-313089) 620310.70N/1631843.86W (4.43)
322 TREE (02-314015) 620310.67N/1631844.37W (4.21)	377 TREE (02-314515) 620312.18N/1631908.81W (4.04)
319 TREE (02-313260) 620311.84N/1631843.75W (3.95)	398 VEGETATION (02-313166) 620311.52N/1631917.84W (3.31)
320 TREE (02-314907) 620310.960N/1631844.10W (3.16)	320 TREE (02-314498) 620311.48N/1631844.63W (2.5)

QUALITY 13 CHECKED

319 TREE (02-316047) 620309.87N/1631843.48W (2.39)	320 TREE (02-313915) 620311.25N/1631844.67W (2.15)
321 TREE (02-313453) 620311.57N/1631845.26W (2.14)	319 TREE (02-314288) 620311.74N/1631844.49W (2.12)
402 VEGETATION (02-314000) 620311.29N/1631919.98W (2.08)	379 TREE (02-313339) 620311.26N/1631910.24W (1.7)
320 TREE (02-313065) 620311.38N/1631845.03W (1.46)	402 VEGETATION (02-316236) 620310.86N/1631920.28W (0.9)
321 TREE (02-313160) 620311.32N/1631845.750W (0.72)	319 TREE (02-313171) 620311.17N/1631844.87W (0.6)
322 TREE (02-315283) 620311.25N/1631846.35W (0.25)	319 TREE (02-313134) 620309.11N/1631844.12W (0.06)
PENETRATIONS REMARKS:	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TAA: RIGHT BASE AREA PARTIALLY WITHIN DESIGNATED MOUNTAINOUS AREA; MOUNTAINOUS ROC APPLIED.
15 FT TREE HEIGHT PER FPT.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

QUALITY 13 CHECKED

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**	4.21
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	1.84
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	002.43
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	700
DISTANCE FROM	FAF	**TO 1500FT POINT**	6.90
WIDTH OF	INTERMEDIATE	**SEGMENT AT 1500FT POINT**	2.00
TRUE COURSE OF	INTERMEDIATE	**SEGMENT CONTAINING 1500FT POINT**	002.42
HIGH TERRAIN IN	INTERMEDIATE	**SEGMENT CONTAINING 1500FT POINT**	0

THRESHOLD COORDINATES (IF STR-IN)	620319.88N/1631804.63W
ARP COORDINATES	620338.94N/1631806.62W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 17 DISTANCE 0.60 NM
FAF COORDINATES	615849.66N/1631829.09W
FIX NAME COORDINATES	IF RUVHO 615133.05N/1631908.39W

REMARKS

IAF MKDOG 615149.96N 1633354.31W 30 NM RADIUS
IAF DOKZI 615114.55N 1630422.71W 30 NM RADIUS
IF/IAF RUVHO 615133.05N 1631908.39W 30 NM RADIUS
THLD DISPLACED 400FT, ACTUAL COORDINATES: 620315.94N/1631804.98W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
DANIEL WESTON	AJV-A422	02/24/2026	AERONAUTICAL INFORMATION SPECIALIST

QUALITY 13 CHECKED