

**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> KSM/PASM	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 4	<u>CITY</u> ST MARY'S	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 315	<u>TDZE</u> 306	<u>SUPERSEDED</u> RNAV (GPS) RWY 17	<u>DATED</u> 09/08/2022	<u>MAG VAR</u> 7E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2030
				<u>CANCEL/SUSPEND</u>

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 085/30 CW 180/30	NOPT	YOZMO	IF/IAF	2600
2. 180/30 CW 266/30	NOPT	180/11 CW 266/11		4000
3. 180/11 CW 266/11		YOZMO	IF/IAF	2600
4. 266/30 CW 355/30		FAUNS	IAF	3300
5. 355/30 CW 085/30		SKEWS	IAF	3400

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
SKEWS	IAF	YOZMO	NOPT	TF	FB	1.00	085.23	7.00	2600
FAUNS	IAF	YOZMO	NOPT	TF	FB	1.00	265.68	7.00	2600
YOZMO	IF/IAF	SAWNY		TF	FB	1.00	175.46	6.12	2000
SAWNY	FAF	RW17	MAP	TF	FO	0.30	175.45	5.21	
RW17	MAP	700 MSL		CA			175.45		
700 MSL		RUVHO		DF	FO	1.00			2200

MISSED APPROACH

MAP:

LNAV: RW17

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2200 DIRECT RUVHO AND HOLD

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD N YOZMO, RT, 175.46 INBOUND, 2600 IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	175.45	FAF:	SAWNY	DIST FAF TO MAP:	5.21	DIST FAF TO THLD:	5.21							
4.	MIN ALT:	YOZMO 2600, SAWNY 2000													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		GS ANT:						
6.	MIN GP INCPT:		GP ALT AT FAF:						OM:		MM:		IM:		
7.	GP ANGLE:		34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:								
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA E OF RWY 17-35.
CHART NOTE: VDP NA WHEN USING MUO/PAMO ALTIMETER SETTING.
CHART NOTE: CIRCLING RWY 7 NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MOU/PAMO ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CATS C AND D 1/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 355.42 INBOUND.
FAS OBST: 424 AAO 620833N/1631742W.
CHART VDP AT 1.12 NM TO RW17.
SAWNY TO RW17: 3.00/51.

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
LNAV MDA	700	1	394	700	1	394	700	1 1/8	394	700	1 1/8	394			
CIRCLING	760	1	445	780	1	465	780	1 1/2	465	880	2	565			



CHANGES - REASONS

1. AIRPORT ELEVATION: UPDATED FROM "314" TO "315" - NEW AIRNAV DATA.
2. TDZE: UPDATED FROM "305" TO "306" - NEW AIRNAV DATA.
3. MAGVAR: UPDATED FROM "12E 2015" TO "7E 2030" - MAGVAR UPDATE.
4. TAA: STRAIGHT-IN TAA UPDATED FROM "103/30 CW 182/30 NOPT 103/13 CW 182/13 2600", "182/30 CW 238/30 NOPT 182/13 CW 238/13 4000" AND "103/13 CW 238/13 YOZMO IF/IAF 2600" TO "085/30 CW 180/30 NOPT YOZMO IF/IAF 2600", "180/30 CW 266/30 NOPT 180/11 CW 266/11 4000" AND "180/11 CW 266/11 YOZMO IF/IAF 2600" - TAA REDESIGN DUE TO INITIAL LEGS REDESIGN, MAGVAR UPDATE.
5. TAA: LEFT BASE TAA UPDATED FROM "238/30 CW 350/30 WOMEV IAF 3900" TO "266/30 CW 355/30 FAUNS IAF 3300" - TAA REDESIGN DUE TO INITIAL LEGS REDESIGN, MAGVAR UPDATE, IAF NAME CHANGE.
6. TAA: RIGHT BASE TAA UPDATED FROM "350/30 CW 103/30 CEVUD IAF 2600" TO "355/30 CW 085/30 SKEWS IAF 3400" - TAA REDESIGN DUE TO INITIAL LEGS REDESIGN, MAGVAR UPDATE, IAF NAME CHANGE.
7. TERMINAL ROUTES: UPDATED INITIAL LEG FROM "CEVUD IAF YOZMO NOPT TF FB 1.00 102.65 9.46 2600" TO "SKEWS IAF YOZMO NOPT TF FB 1.00 085.23 7.00 2600" - INITIAL REDESIGN, IAF NAME CHANGE.
8. TERMINAL ROUTES: UPDATED INITIAL LEG FROM "WOMEV IAF YOZMO NOPT TF FB 1.00 238.33 9.45 2600" TO "FAUNS IAF YOZMO NOPT TF FB 1.00 265.68 7.00 2600" - INITIAL REDESIGN, IAF NAME CHANGE.
9. TERMINAL ROUTES: UPDATED INTERMEDIATE LEG COURSE / DISTANCE FROM "170.46 / 6.12" TO "175.46 / 6.12" - MAGVAR UPDATED, FAF LOCATION CHANGE.
10. TERMINAL ROUTES: UPDATED FINAL LEG COURSE / DISTANCE FROM "170.45 / 5.22" TO "175.45 / 5.21" - MAGVAR UPDATE, FAF LOCATION CHANGE.
11. TERMINAL ROUTES: UPDATED CA LEG COURSE FROM "170.45" TO "175.45" - MAGVAR UPDATE.
12. TERMINAL ROUTES: UPDATED DF LEG ALTITUDE FROM "2100" TO "2200" - CLEARANCE LIMIT HOLDING ALTITUDE UPDATED FOR AIRSPACE.
13. MISSED APPROACH: INSTRUCTIONS UPDATED FROM "CLIMB TO 2100 DIRECT RUVHO AND HOLD" TO "CLIMB TO 2200 DIRECT RUVHO AND HOLD" - CLEARANCE LIMIT HOLDING ALTITUDE UPDATED FOR AIRSPACE.
14. PROFILE LINE 2: UPDATED COURSE FROM "170.46" TO "175.46" - MAGVAR UPDATE.
15. PROFILE LINE 3: UPDATED FAC / DIST FAF TO MAP / DIST FAF TO THLD FROM "170.45 / 5.22 / 5.22" TO " 175.45 / 5.21 / 5.21" - MAGVAR UPDATE, FAF LOCATION CHANGE.
16. NOTES: UPDATED FROM "CHART NOTE: CIRCLING TO RWY 6 NA AT NIGHT" TO "CHART NOTE: CIRCLING RWY 7 NA AT NIGHT" - RUNWAY NUMBER CHANGE.
17. NOTES: REMOVED "CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY" - NO ALS.
18. NOTES: ADDED "CHART NOTE: VDP NA WHEN USING MUO/PAMO ALTIMETER SETTING" - REMOVED FROM PART C AND ADDED TO NOTES PER FPT, IAW 8260.19K 8-6-10 K.
19. NOTES: ADDED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MOU/PAMO ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CATS C AND D 1/8 SM" - REMOVED FROM PART C AND ADDED TO NOTES PER FPT, IAW 8260.19K 8-6-10 K.
20. NOTES: UPDATED FROM "CHART NOTE: CIRCLING NA EAST OF RWY 17-35" TO "CHART NOTE: CIRCLING NA E OF RWY 17-35" - IAW 8260.19K 8-6-12.
21. ADDITIONAL FLIGHT DATA: UPDATED FROM "HOLD S, RT, 350.42 INBOUND" TO "HOLD S, RT, 355.42 INBOUND" - MAGVAR UPDATE.
22. ADDITIONAL FLIGHT DATA: UPDATED FAS OBST FROM "FAS OBST: 449 AAO 620740N/1631640W" TO "FAS OBST: 424 AAO 620833N/1631742W" - NEW FAS OBST.
23. ADDITIONAL FLIGHT DATA: REMOVED "CHART CIRCLING ICON" - NO LONGER REQUIRED.
24. MINIMUMS: LNAV HAT ALL CATS UPDATED FROM "395" TO "394" - TDZE CHANGE.
25. MINIMUMS: CIRCLING CAT A MDA / HAA UPDATED FROM "820 / 506" TO "760 / 445", CATS B/C MDA / HAA FROM "820 / 506" TO "780 / 465", AND CAT D HAA UPDATED FROM "566" TO "565" - NEW CONTROLLING OBSTACLES, IAW 8260.3G TABLE 3-2-1, AIRPORT ELEVATION CHANGE.

COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: ZAN, AMGR

FLIGHT CHECKED BY

JOEL F HAWKLEY

Digitally signed by

RAKE MCGRAW

Jun 09, 2026

OFFICE

AJF

DATE

05/28/2026

DEVELOPED BY

DANIEL WESTON

Digitally signed by

RAKE MCGRAW

Jun 09, 2026

OFFICE

AJV-A422

DATE

02/24/2026

APPROVED BY

RAKE MCGRAW

Digitally signed by

RAKE MCGRAW

Jun 09, 2026

OFFICE

AJV-A422

DATE

06/04/2026

TITLE

MANAGER

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

AIRPORT ID
KSM/PASM

PROCEDURE NAME
RNAV (GPS) RWY 17

AMDT NO.
4

CITY
ST MARY'S

STATE
AK

AIRPORT ELEVATION
315

FACILITY
RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM 085/30 CW 180/30 **TO** YOZMO

RNP

DISTANCE

PAT

MAP

HAT

HMAS

<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	624024.00N/1630215.00W	355	215	8	4B	2000					2400
TERRAIN	622051.00N/1633336.00W	1145 (1100)								AS1500	2600

COMPUTATIONS

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

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM 180/30 CW 266/30 **TO** 180/11 CW 266/11

RNP

DISTANCE

PAT

MAP

HAT

HMAS

<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	623336.00N/1622415.00W	1969	215	8	4B	2000					4000
TERRAIN	622209.00N/1624024.00W	1627 (1600)								AS1500	3100

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
13
CHECKED

STRAIGHT-IN AREA

FROM

180/11 CW 266/11

TO

YOZMO

<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	622700.00N/1631736.00W	1241	215	8	4B	1000				AT359	2600
TERRAIN	622236.00N/1631418.00W	853 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

LEFT BASE AREA

FROM

266/30 CW 355/30

TO

FAUNS

<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	621848.00N/1624524.00W	1250	215	8	4B	2000					3300
TERRAIN	620654.00N/1630824.00W	869 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



RIGHT BASE AREA

FROM

355/30 CW 085/30

TO

SKEWS

<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	620103.00N/1643215.00W	2343	215	8	4B	1000					3400
TERRAIN	621548.00N/1634203.00W	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

SKEWS

TO

YOZMO

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	7.00										
<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	621748.00N/0633354.00W	788	215	8	4B	1000				AT812	2600
TERRAIN	621624.00N/1631812.00W	547 (500)								AS1500	2000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM

FAUNS

TO

YOZMO

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	7.00										
<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	621333.00N/1630242.00W	1054	215	8	4B	1000				AT546	2600
TERRAIN	621333.00N/1630242.00W	853 (900)								AS1500	2400

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

YOZMO (IF/IAF)

TO

SAWNY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	6.12										
<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	621624.00N/1631806.00W	748	215	8	4B	500					1300
TERRAIN	621251.00N/1631833.00W	531 (500)								AS1500	2000

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

SAWNY

TO

RW17

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	5.21		RW17	394	

<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	620833.00N/1631742.00W	424	215	8	4B	250				XP26	700

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

YOZMO

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
		P-5			

<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	622600.00N/1632006.00W	1227	215	8	4B	1000				AT373	2600
TERRAIN	622600.00N/1632006.00W	1026 (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

RW17

TO

RUVHO

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u> 600				
<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				2200
AAO	614330.00N/1631221.00W	279	215	8	4B	1000					1300
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:

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	445	442	215	8	4B	300			760
CATEGORY B											
TREE	620336.00N/1631936.00W	1.82	465	442	215	8	4B	300		HA38	780
CATEGORY C											
TREE	600336.00N/1631936.00W	2.85	465	442	215	8	4B	300		HA38	780
CATEGORY D											
AAO	620739.00N/1631624.00W	3.73	565	443	215	8	4B	300		HA137	880

CIRCLING REMARKS:

MSA/ESA

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH



ZAN ARTCC, ENA FSS

<u>WX SERVICE</u> AWOS-3P	<u>LOCATION</u> KSM/PASM	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KSM/PASM	<u>DISTANCE</u>	<u>WMSCR</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS-3P	<u>LOCATION</u> MOU/PAMO	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> MOU/PAMO	<u>DISTANCE</u> 10.95	<u>WMSCR</u> Y	<u>ADJUSTMENTS</u> 29

WX REMARKS:

PRIMARY NAVAID

MONITOR POINT

HRS OPERATION

CAT

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW35 - HIRL (PCL), REIL (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
3.00

TCH
50.7

FINAL APPROACH COURSE AIMING

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

CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

"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) 620310.96N/1631844.10W (3.16)	320 TREE (02-314498) 620311.48N/1631844.63W (2.5)
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)



<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
KSM/PASM	RNAV (GPS) RWY 17	4	ST MARY'S	AK	315	RNAV
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/1631845.75W (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)			
<u>PENETRATIONS REMARKS:</u>						

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.

TAA: STRAIGHT-IN/LEFT BASE AREA PARTIALLY WITHIN DESIGNATED MOUNTAINOUS TERRAIN AREA; MOUNTAINOUS ROC APPLIED.

15FT TREE HEIGHT PER FPT.

CIRCLING NA EAST OF RWY 17-35 DUE TO HIGH TERRAIN.

ORDER 8260.3 CHAPTER 2 APPLIED TO 555 AAO 620942.00N/1631600.00W.

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	MAP	TO 1000FT POINT	2.88
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	182.45
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	300
DISTANCE FROM	MAP	TO 1500FT POINT	4.81
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	182.45
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	300

THRESHOLD COORDINATES (IF STR-IN)620414.96N/1631759.62W

ARP COORDINATES620338.94N/1631806.62W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

FAF COORDINATESRUNWAY 17 DISTANCE 0.60 NM

FIX NAME COORDINATES620926.15N/1631731.27W

REMARKS

IAF FAUNS 621512.90N 1630200.43W 30 NM RADIUS
IAF SKEWS 621548.77N 1633155.40W 30 NM RADIUS
IF/IAF YOZMO 621531.64N 1631657.77W 30 NM RADIUS

PART E: PREPARED BY

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

