

**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> 7S6	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 1	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> WHITE SULPHUR SPRINGS	<u>STATE</u> MT
<u>AIRPORT ELEVATION</u> 5065	<u>TDZE</u> 5046	<u>SUPERSEDED</u> RNAV (GPS) RWY 1	<u>DATED</u> 01/23/2025	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>MAG VAR</u> 11E	<u>CANCEL/SUSPEND</u>
		<u>REQUIRED EFFECTIVE DATE</u> ROUTINE		

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>
GRETI		MOMHE		TF	FB	1.00	176.14	30.81	12000
MOMHE		HEDAD		TF	FB	1.00	251.16	8.52	12000
NUKUW	IAF	COLOL		TF	FB	1.00	322.75	12.52	8900
HEDAD	IAF	COLOL		TF	FB	1.00	263.52	9.10	8900
TIRBE	IAF	COLOL		TF	FB	1.00	083.25	9.10	8900
COLOL	IF	RUNTY		TF	FB	1.00	353.39	7.01	7400
RUNTY	FAF	SITNE/4.26 NM TO RW01		TF	FB	0.30	008.35	3.01	
SITNE/4.26 NM TO RW01		ALAYY/2.06 NM TO RW01		TF	FB	0.30	008.35	2.20	
ALAYY/2.06 NM TO RW01		RW01	MAP	TF	FO	0.30	008.35	2.06	
RW01	MAP	5600 MSL		CA			008.35		5600
5600 MSL		AJPUD		DF	FB	1.00			
AJPUD		GRETI		TF	FO	1.00	046.08	15.51	12000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW01

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5600 THEN CLIMBING RIGHT TURN TO 12000 DIRECT AJPUD, THEN ON TRACK 046.08 TO GRETI AND HOLD, CONTINUE CLIMB-IN-HOLD TO 12000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	PROFILE STARTS AT COLOL														
3.	FAC:	008.35	FAF:	RUNTY	DIST FAF TO MAP:	7.27	DIST FAF TO THLD:	7.27							
4.	MIN ALT:	COLOL 8900, RUNTY 7400, SITNE/4.26 NM TO RW01 6440, ALAYY/2.06 NM TO RW01 5740													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		250 HAT:	0.67	GS ANT:				
6.	MIN GP INCPT:	7400	GP ALT AT PFAF:	RUNTY 7400					OM:		MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	39.0							
8.	MSA FROM:	RW01 10700													

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25°C OR ABOVE 54°C.
CHART NOTE: CIRCLING NA TO RWYS 13 AND 31.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NUKUW ON T268 SOUTHEAST BOUND AND V2 SOUTHEAST BOUND.
CHART NOTE: CIRCLING NA FOR CATS C AND D E OF RWY 1-19.
CHART NOTE: CIRCLING NA FOR ALL CATS E OF RWY 1-19 AT NIGHT.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 005.16 INBOUND.
CHART FAS OBST: 5152 TRANSMISSION_LINE (30-100618) 462857N/1105417W.
CHART VDP AT 1.56 NM TO RW01.
WAAS CHANNEL # 81848
REFERENCE PATH ID: W01A
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 3.00 DEGREES.
LTP HAE: 1525.7 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT B 900-2, CAT C 900-2 1/2, CAT D 900-2 3/4

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	5296	1	250	5296	1	250	5296	1	250	5296	1	250			
LNAV/VNAV DA	5532	1 3/8	486	5532	1 3/8	486	5532	1 3/8	486	5532	1 3/8	486			
LNAV MDA	5580	1	534	5580	1	534	5580	1 1/2	534	5580	1 1/2	534			
CIRCLING	5620	1	555	5920	1 1/4	855	5920	2 1/2	855	5920	2 3/4	855			



CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED FEEDER LEG BAXTA - MOMHE.- ATC REQUEST
2. TERMINAL ROUTES: REMOVED FEEDER ROUTE HLN VORTAC - GOUGE - TIRBE.- ATC REQUEST
3. TERMINAL ROUTES: REMOVED INITIAL ROUTE BZN VORTAC - JETOX - COLOL.- ATC REQUEST
4. TERMINAL ROUTES:MOMHE TO HEDAD COURSE/DISTANCE CHANGED FROM 251.13/6.54 TO 251.16/8.52 - MOMHE MOVED 1.97 NM EAST. - ATC REQUEST
5. TERMINAL ROUTES: ADDED FEEDER LEG GRETI - MOMHE.- ATC REQUEST
6. ADDITIONAL FLIGHT DATA: REMOVED CHART AT OR ABOVE 11700 AT NUKUW - ATC REQUEST
7. MISSED APPROACH: CHANGED MISSED FROM CLIMB TO 5600 THEN CLIMBING LEFT TURN TO 9400 DIRECT WEMBO AND ON TRACK 278 TO ANNEM AND HOLD TO CLIMB TO 5600 THEN CLIMBING RIGHT TURN TO 12000 DIRECT AJPUD THEN ON TRACK 046.08 TO GRETI AND HOLD, CONTINUE CLIMB-IN-HOLD TO 12000.- ATC REQUEST
8. ADDITIONAL FLIGHT DATA: HOLDING DATA CHANGED FROM HOLD W, RT, 097.96 TO HOLD S, RT, 005.16 INBOUND.- NEW HOLDING LOCATION
9. ADDITIONAL FLIGHT DATA: VDP DISTANCE CHANGED FROM 1.06 TO 1.56 NM.- NEW MINIMA
10. ALTERNATE MINS: CHANGED CAT C VISIBILITY FROM 2 3/4 TO 2 1/2, CAT D MINS FROM 900-3 TO 900- 2 3/4.- IAW 8260.3G
11. MINIMA: LNAV/VNAV MINS CHANGED FROM 5313 DA/ 1 VIS/ 267 HAT TO 5532/ 1 3/8/ 486 ALL CATS.- NEW OBSTACLE DATA
12. LNAV MINS CHANGED FROM 5420 DA/ 374 HAT TO 5580/ 534 ALL CATS, CATS C AND D VIS CHANGED FROM 1 TO 1 1/2 SM. - NEW OBSTACLE DATA
13. CHART NOTES: REMOVED PROCEDURE NA FOR ARRIVALS ON HLN VORTAC RADIAL 062 CW 179.- HLN VORTAC REMOVED FROM PROCEDURE
14. CHART NOTES: REMOVED PROCEDURE NA FOR ARRIVALS AT BAXTA ON V247 SOUTHEAST BOUND.- BAXTA REMOVED FROM PROCEDURE.
15. CHART NOTES: REMOVED PROCEDURE NA FOR ARRIVAL ON BZN VOR/DME AIRWAY RADIALS 284 CW 320.- REMOVED BZN INITIAL LEG.

06/23/2026: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 06/09/2026.
REMOVED CHART NOTE:VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

COORDINATED WITH:

A4A

ALPA

☒

AOPA

☒

APA

HAI

NBAA

☒

OTHER: ZLC, BZN, AMGR

FLIGHT CHECKED BY

ANTHONY D VALLERA

Digitally signed by

ROBERT G HAMILTON

OFFICE

AJF

DATE

06/06/2026

DEVELOPED BY

NICHOLAS HEIDERSTADT

Jun 09, 2026

Digitally signed by

ROBERT G HAMILTON

Jun 09, 2026

OFFICE

AJV-A433

DATE

12/16/2025

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Jun 09, 2026

OFFICE

AJV-A433

DATE

TITLE

MANAGER



AIRPORT ID
7S6

PROCEDURE NAME
RNAV (GPS) RWY 1

ORIGINAL/AMENDMENT
1

CITY
WHITE SULPHUR SPRINGS

STATE
MT

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	7S6
RUNWAY	RW01
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W01A
LTP/FTP LATITUDE	462913.2960N
LTP/FTP LONGITUDE	1105501.4755W
LTP/FTP ELLIPSOIDAL HEIGHT	+15257
FPAP LATITUDE	463037.3090N
FPAP LONGITUDE	1105418.6470W
THRESHOLD CROSSING HEIGHT (TCH)	00039.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	078D3B46
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+15372
FPAP ORTHOMETRIC HEIGHT	+15372

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

<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>
7S6	RNAV (GPS) RWY 1	1	WHITE SULPHUR SPRINGS	MT	5065	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM GRETI **TO** MOMHE

RNP 1.00 **DISTANCE** 30.81 **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	461739.00N/1103106.00W	8563	215	8	4B	2000				AT1347	12000
TERRAIN	461736.00N/1103106.00W	8362 (8400)								AS1500	9900

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER: STEPDOWN

FROM MOMHE **TO** HEDAD

RNP 1.00 **DISTANCE** 8.52 **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	461554.00N/1103206.00W	7815	215	8	4B	1000				PR190 AT2995	12000
TERRAIN	461536.00N/1103357.00W	6978 (7000)								AS1500	8500

COMPUTATIONS

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

SEGMENT REMARKS:

PER FLIGHT CHECK: SALT LAKE CENTER 133.4 IS UNRELIABLE BELOW 10,000' AT HEDAD. THESE AREAS ARE CONTROLLED BY BIG SKY APPROACH.118.97 IN SOUTH AND HELENA IN WEST.

INITIAL

FROM

NUKUW

TO

COLOL

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	12.52										
<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	460706.00N/1105051.00W	7533	215	8	4B	1000				PR190 AT177	8900
TERRAIN	460706.00N/1105051.00W	7332 (7300)								AS1500	8800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

HEDAD

TO

COLOL

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	9.10										
<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	461312.00N/1105545.00W	6247	215	8	4B	1000				AT1653	8900
TERRAIN	461312.00N/1105545.00W	6046 (6000)								AS1500	7500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM

TIRBE

TO

COLOL

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	9.10										
<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	461739.00N/1110712.00W	7635	215	8	4B	1000				PR200	8900
TERRAIN	461739.00N/1110712.00W	7434 (7400)								AS1500	8900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

COLOL

TO

RUNTY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	7.01										
<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	461736.00N/1110354.00W	6572	215	8	4B	500				PR100 AT228	7400
TERRAIN	461900.00N/1110336.00W	6085 (6100)								AS1000	7100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LPV

FROM

RUNTY

TO

RW01

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	7.27		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>
FENCE (30-101437)	462910.06N/1105457.78W	5055	20	3	1A		34.00:1				5296

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM

RUNTY

TO

RW01

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	7.27		DA				486				
<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>
TRANSMISSION_LINE (30-100618)	462856.84N/1105417.02W	5152	20	3	1A	161				MA219	5532

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV

FROM

RUNTY

TO

SITNE/4.26 NM TO RW01

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	3.01										
<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	462251.00N/1105945.00W	6119	215	8	4B	250				XL64	6440

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

SITNE/4.26 NM TO RW01

TO

ALAYY/2.06 NM TO RW01

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.20										
<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	462457.00N/1105718.00W	5479	215	8	4B	250					5740

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

ALAYY/2.06 NM TO RW01

TO

RW01

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.06		RW01		534						
<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>
TRANSMISSION_LINE (30-100618)	462856.84N/1105417.02W	5152	20	3	1A	250				MA178	5580

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

GRETI

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 5108				
<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				12000
AAO	464618.00N/1103351.00W	8186	215	8	4B	1000				PR260	9500
TERRAIN	464618.00N/1103351.00W	7985 (8000)								AS1500	9500

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

GRETI

<u>RNP</u> 0.30	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u> 5371		
<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	463133.00N/1104948.00W	6017	215	8	4B		ASC				12000
AAO	464618.00N/1103351.00W	8186	215	8	4B	1000				PR260	9500
TERRAIN	464618.00N/1103351.00W	7985 (8000)								AS1500	9500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH: LNAV

FROM

RW01

TO

GRET1

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30											5480
<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	463154.00N/1104957.00W	5912	215	8	4B		ASC				12000
AAO	464618.00N/1103351.00W	8186	215	8	4B	1000				PR260	9500
TERRAIN	464618.00N/1103351.00W	7985 (8000)								AS1500	9500

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

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>RADIUS</u>	<u>HAA</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
CATEGORY A											
POLE (30-100467)	462956.32N/1105230.10W	1.40	555	5313	20	10	1B	300			5620
CATEGORY B											
TERRAIN (30-102986)	462809.35N/1105240.98W	2.00	855	5607	20	10	1B	300			5920
CATEGORY C											
TOWER (30-020663)	463239.24N/1105343.84W	3.16	855	5290	20	3	1A	300			5920
CATEGORY D											
AAO	462612.00N/1105906.00W	4.15	855	5529	215	8	4B	300			5920

CIRCLING REMARKS:

MSA

CENTER

RW01

RADIUS

25

<u>SECTOR</u>	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>BEARING</u>	<u>DISTANCE</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
360-360	AAO	462557.00N/1111109.00W	243	11.6	9692	215	8	4B	1000			10700

MSA REMARKS:



NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

<u>WX SERVICE</u> AWOS-3PT	<u>LOCATION</u> 7S6	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> 7S6	<u>DISTANCE</u>	<u>WMSCR</u> Y	<u>ADJUSTMENTS</u> 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>

WX REMARKS:

REDUNDANT WEATHER AVAILABLE, NO BACKUP REQUIRED.

<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>
RW13			
RW31			
RW01 - MIRL (PCL), PAPI-2L (PCL)		NPI-G	
RW19 - MIRL (PCL), PAPI-2L (PCL)		NPI-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 5043.4	<u>TCH</u> 39.0	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 39.0
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FINAL APPROACH COURSE AIMING

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

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -25C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -25C	<u>APT ISA</u> +4.97C
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CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 1026 HIGH TEMP 1353.

"VISUAL PORTION OF FINAL" PENETRATIONS



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.

MAXIMUM VEGETATION HEIGHT: 27 FT

"CHART NOTE: CIRCLING NA FOR ALL CATS E OF RWY 01-19 AT NIGHT" PER FLIGHT CHECK DUE TO TERRAIN.
VGS1 NON-COINCIDENT NOTE REQUIRED PER FLIGHT INSPECTION; PILOT IDENTIFIED SMALL VISUAL VARIATION BETWEEN THE ELECTRONIC GLIDEPATH AND THE PAPIS.
SALT LAKE CENTER 133.4 IS UNRELIABLE BELOW 12,000' AT TIRBE AND HEDAD. THESE AREAS ARE CONTROLLED BY BIG SKY APPROACH.118.97 IN SOUTH AND HELENA IN WEST UNTIL
TIRBE THEN BACK TO BIG SKY. PER FC, ATC, AND FPT.
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	5.78
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	019.35
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	5900
DISTANCE FROM	FAF	TO 1500FT POINT	7.27
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.13
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	019.35
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	5900

THRESHOLD COORDINATES (IF STR-IN)	462913.30N/1105501.48W
ARP COORDINATES	462944.08N/1105442.90W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 1 DISTANCE 0.56 NM
FAF COORDINATES	462221.78N/1105830.70W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
NICHOLAS HEIDERSTADT	AJV-A433	12/16/2025	AERONAUTICAL INFORMATION SPECIALIST

