

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (RNP) 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> BZN	<u>PROCEDURE NAME</u> RNAV (RNP) Z RWY 12	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> BOZEMAN	<u>STATE</u> MT
<u>AIRPORT ELEVATION</u> 4473	<u>TDZE</u> 4443	<u>SUPERSEDED</u> RNAV (RNP) Z RWY 12	<u>DATED</u> 07/11/2024	<u>MAG VAR</u> 13E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2010
			<u>CANCEL/SUSPEND</u>	

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>
THESE	IAF	HUXAN		TF	FB	1.00	091.58	8.58	7400
CEDEX	IAF	TIBMY		TF	FB	1.00	181.72	4.50	8600
TIBMY		HUXAN		TF	FB	1.00	181.70	2.74	7400
JAZMN	IAF	KEVBY		TF	FB	1.00	046.86	10.27	9000
HERAH	IAF	WADEK		TF	FB	1.00	303.14	5.60	10000
HUXAN	IF	WOSAG		TF	FB	1.00	122.64	4.50	6400
WOSAG		JURAL	PFAF	TF	FB	1.00	122.69	2.56	5600
KEVBY	IF	FIBEV		TF	FB	1.00	046.95	9.83	6600
FIBEV		JURAL	PFAF	RF	FB	1.00	(2.66 NM RADIUS CW (CFFZM))	3.51	5600
WADEK	IF	MISME		TF	FB	1.00	303.08	6.66	7900
MISME		FIBEV		RF	FB	1.00	(2.68 NM RADIUS CW (CFFZJ))	4.87	6600
JURAL	PFAF	RW12	MAP	TF	FO	0.30	122.72	3.52	
RW12	MAP	HETSI		TF	FB	1.00	122.76	4.40	
HETSI		HAXAG		RF	FB	1.00	(5.50 NM RADIUS CW (CFFZD))	18.91	
HAXAG		THESE		TF	FO	1.00	319.70	21.68	10000

MISSED APPROACH

MAP:
RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 10000 ON TRACK 122.76 TO HETSI, AND RIGHT TURN TO HAXAG, AND ON TRACK 319.70 TO THESE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	PROFILE STARTS AT JURAL														
3.	FAC:	122.72	PFAF:	JURAL	DIST PFAF TO MAP:	DIST PFAF TO THLD:									
4.	MIN ALT:	JURAL 5600													
5.	DIST TO THLD FROM PFAF:	3.52	MM:	IM:	150 HAT:	280 HAT:	0.77	GS ANT:							
6.	MIN GP INCPT:	5600	GP ALT AT PFAF:	JURAL 5600		OM:		MM:		IM:					
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	52.5							
8.	MSA FROM:	RW12 12200													

PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -29°C OR ABOVE 54°C.
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT THESE ON V343 NORTHWEST BOUND.CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.10 VISIBILITY TO 7/8 SM AND RNP 0.30 VISIBILITY TO 1 SM.
CHART SPEED ICON IN PLANVIEW AT CEDEX: MAX 220 KIAS.
CHART SPEED ICON IN PLANVIEW AT FIBEV: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT MISME: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 094.98 INBOUND.
CHART AT OR ABOVE 9000 AT THESE.
CHART AT OR ABOVE 10000 AT CEDEX.
CHART AT OR ABOVE 12000 AT JAZMN.
CHART AT OR ABOVE 10000 AT WADEK.
CHART AT OR ABOVE 12000 AT HERAH.

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
AUTHORIZATION REQUIRED															
RNP 0.10 DA	4723	1/2	280	4723	1/2	280	4723	1/2	280	4723	1/2	280			
RNP 0.30 DA	4795	5/8	352	4795	5/8	352	4795	5/8	352	4795	5/8	352			

CHANGES - REASONS

- 1. ADDITIONAL FLIGHT DATA: DELETE BLOCK ALTITUDE CHARTING AT WADEK - PER ATC REQUEST.
- 2. ADDITIONAL FLIGHT DATA: ADDED AT OR ABOVE ALTITUDE (10,000 FEET) AT WADEK - SUPPORT TIE IN TO STARS, PER ATC REQUEST.



COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER: AMGR, BZN ATCT

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

Digitally signed by OFFICE

DATE

ALLAN WILL

Nov 18, 2024

DEVELOPED BY

TRAVIS BRISTOW

Digitally signed by

TRAVIS D BRISTOW

Nov 08, 2024

OFFICE

AJV-A421

DATE

11/08/2024

APPROVED BY

DAVID DANNER

Digitally signed by

ALLAN WILL

Nov 18, 2024

OFFICE

AJV-A421

DATE

TITLE
MANAGER



**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>
BZN	RNAV (RNP) Z RWY 12	1A	BOZEMAN	MT	4473	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM **TO**
THESE HUXAN

RNP DISTANCE PAT MAP HAT HMAS
1.00 8.58

<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	455636.00N/1111912.00W	5555	215	8	4B	1000				AC8 AT837	7400
TERRAIN	455636.00N/1111912.00W	5354 (5400)								AS1500	6900

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM **TO**
CEDEX TIBMY

RNP DISTANCE PAT MAP HAT HMAS
1.00 4.50

<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	460215.00N/1111548.00W	7333	215	8	4B	1000				AC8 AT29 PR230	8600
TERRAIN	460106.00N/1111651.00W	6729 (6700)								AS1500	8200

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
26
CHECKED

INITIAL: STEPDOWN

FROM

TIBMY

TO

HUXAN

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	2.74										
<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	455812.00N/1111942.00W	6237	215	8	4B	1000				AC8 AT25 PR130	7400
TERRAIN	455739.00N/1112048.00W	5554 (5600)								AS1500	7100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

JAZMN

TO

KEVBY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	10.27										
<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	453824.00N/1114154.00W	5729	215	8	4B	1000				AC8 AT2263	9000
TERRAIN	453833.00N/1114124.00W	5462 (5500)								AS1500	7000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

HERAH

TO

WADEK

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	5.60										
<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	453515.00N/1110745.00W	5591	215	8	4B	1000				AC8 AT3401	10000
TERRAIN	453606.00N/1110833.00W	5311 (5300)								AS1500	6800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

HUXAN

TO

WOSAG

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	4.50										
<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	455636.00N/1111912.00W	5555	215	8	4B	500				AC8 AT337	6400
TERRAIN	455633.00N/1111903.00W	5321 (5300)								AS1000	6300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM

WOSAG

TO

JURAL

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>					<u>HMAS</u>	
1.00	2.56										
<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	455342.00N/1111503.00W	4639	215	8	4B	500				AC8 AT453	5600
TERRAIN	454903.00N/1111536.00W	4360 (4400)								AS1000	5400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

KEVBY

TO

FIBEV

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>					<u>HMAS</u>	
1.00	9.83										
<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	454748.00N/1112621.00W	5276	215	8	4B	500				AC8	5800
TERRAIN	454748.00N/1112621.00W	5075 (5100)								AS1500	6600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM

FIBEV

TO

JURAL

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	3.51				

<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	455021.00N/1112021.00W	4584	215	8	4B	500				AC8 AT508	5600
TERRAIN	454903.00N/1111536.00W	4360 (4400)								AS1000	5400

COMPUTATIONS

RF SEGMENT

FIBEV-JURAL

ALT

6600

KIAS

210

KTAS

238.05

HAA

2126.6

VKTW

42.56

TR

2.66

BA

23.34

DTA

0

COURSE CHANGE

0

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

(CFFZM)/3.51 NM

SEGMENT REMARKS:

INTERMEDIATE

FROM

WADEK

TO

MISME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	6.66				

<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	454000.00N/1111433.00W	5178	215	8	4B	500				AC8 AT2214	7900
TERRAIN	454000.00N/1111433.00W	4977 (5000)								AS1500	6500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM

MISME

TO

FIBEV

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	4.87				

<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	454354.00N/1111936.00W	4994	215	8	4B	500				AC8 AT1098	6600
TERRAIN	454812.00N/1112251.00W	4763 (4800)								AS1500	6300

COMPUTATIONS

RF SEGMENT

MISME-FIBEV

ALT

7900

KIAS

210

KTAS

242.92

HAA

3426.6

VKTW

44.24

TR

2.68

BA

24.15

DTA

0

COURSE CHANGE

0

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

(CFFZJ)/4.87 NM

SEGMENT REMARKS:

FINAL

FROM

JURAL

TO

RW12

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.10	3.52		DA	280	

<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				4723

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL

FROM

JURAL

TO

RW12

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	3.52		DA				352				
<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	454724.00N/1111118.00W	4453	215	8	4B		22.34:1			AC8 VEB54 MA40	4795

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LEVEL SURFACE

FROM

DA

TO

THESE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.10-1.00										4456	
<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				10000
AAO	453445.00N/1110403.00W	6260	215	8	4B	1000				AC8 PR150	7500
TERRAIN	453445.00N/1110406.00W	6059 (6100)								AS1500	7600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LEVEL SURFACE

FROM

DA

TO

THESE

RNP

0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS

4459

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
POLE (30-070275)	454807.89N/1111006.86W	4426	250	50	4D		ASC				10000
AAO	453445.00N/1110403.00W	6260	215	8	4B	1000				AC8 PR150	7500
TERRAIN	453445.00N/1110406.00W	6059 (6100)								AS1500	7600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MSA

CENTER

RW12

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	452206.00N/1112157.00W	186	26.6	11198	215	8	4B	1000			12200

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

BZN TOWER, BZN APP CON, ZLC ARTCC

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	BZN	24	BZN	0	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS

WX REMARKS:

PER FPT, NO SUITABLE BACK-UP ALTIMETER SOURCE AVAILABLE.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW03		BSC-G	
RW11 - MIRL (PCL), PAPI-4L		BSC-G	
RW21		BSC-G	
RW29 - MIRL (PCL), PAPI-4L		BSC-G	
RW12 - MALSR (PCL), HIRL (PCL), PAPI-4L		PIR-G	
RW30 - HIRL (PCL), REIL (PCL), PAPI-4L		PIR-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	4424.9	52.5			3.00	52.7

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
-29C	+54C	-32C	+6.14C

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 1018 HIGH TEMP 1342.

"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.
VDP NOT ESTABLISHED - RNP APPROACH.
PER FPT AND PREVIOUS AMDT: VEGETATION HEIGHT 30 FEET.

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	6.08
WIDTH OF	INTERMEDIATE	SEGMENT AT 1000FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1000FT POINT	135.64
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1000FT POINT	5300
DISTANCE FROM	THLD	TO 1500FT POINT	10.58
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	135.64
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	5300

THRESHOLD COORDINATES (IF STR-IN)	454717.11N/1110959.33W
ARP COORDINATES	454638.05N/1110900.94W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 12 DISTANCE 0.94 NM
FAF COORDINATES	454948.52N/1111330.33W
FIX NAME COORDINATES	IF HUXAN 455451.46N/1112033.86W

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.
WOSAG: 455138.39N/1111603.72W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
TRAVIS BRISTOW	AJV-A421	11/08/2024	AERONAUTICAL INFORMATION SPECIALIST