

**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.

<b><u>AIRPORT</u></b> GRANTS PASS	<b><u>AIRPORT ID</u></b> 3S8	<b><u>PROCEDURE NAME</u></b> RNAV (GPS) RWY 13	<b><u>ORIGINAL/AMENDMENT</u></b> 1	<b><u>CITY</u></b> GRANTS PASS	<b><u>STATE</u></b> OR
<b><u>AIRPORT ELEVATION</u></b> 1130	<b><u>TDZE</u></b> 1115	<b><u>SUPERSEDED</u></b> RNAV (GPS) RWY 13	<b><u>ORIGINAL/AMENDMENT</u></b> ORIG	<b><u>DATED</u></b> 02/01/2018	<b><u>MAG VAR</u></b> 17E
<b><u>FACILITY</u></b> RNAV	<b><u>COORDINATES OF FACILITIES</u></b>	<b><u>ACTUAL EFFECTIVE DATE</u></b> 26 MARCH 2020	<b><u>REQUIRED EFFECTIVE DATE</u></b> ROUTINE	<b><u>CANCEL/SUSPEND</u></b>	<b><u>EPOCH YEAR</u></b> 1995

**TERMINAL ROUTES**

<b><u>FROM</u></b>	<b><u>FIX TYPE</u></b>	<b><u>TO</u></b>	<b><u>FIX TYPE</u></b>	<b><u>LEG TYPE</u></b>	<b><u>FO/FB</u></b>	<b><u>RNP</u></b>	<b><u>COURSE</u></b>	<b><u>DISTANCE</u></b>	<b><u>ALTITUDE</u></b>
CAMAS		PUYNO		TF	FB	1.00	147.99	11.67	6500
PUYNO	IAF	HISIG		TF	FB	1.00	142.52	4.49	5200
HISIG	IF	JITRI		TF	FB	1.00	142.45	3.63	4600
JITRI		ZIGIK		TF	FB	1.00	142.45	3.11	4400
ZIGIK	FAF	YEYUD/5.27 NM TO ISNEJ		TF	FB	0.30	142.52	3.01	
YEYUD/5.27 NM TO ISNEJ		WAMEP/4.14 NM TO ISNEJ		TF	FB	0.30	142.52	1.13	
WAMEP/4.14 NM TO ISNEJ		UVBOH/2.10 NM TO ISNEJ		TF	FB	0.30	142.52	2.04	
UVBOH/2.10 NM TO ISNEJ		ISNEJ	MAP	TF	FB	0.30	142.52	2.10	
ISNEJ	MAP	2000 MSL		CA			142.52		2000
2000 MSL		WIROG		DF	FB	1.00			
WIROG		ZUNPA		TF	FB	1.00	166.37	10.27	
ZUNPA		CEXUN		TF	FO	1.00	218.60	10.00	8000

**MISSED APPROACH**

**MAP:**

LP: ISNEJ

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 8000 DIRECT WIROG AND TRACK 166.37 TO ZUNPA AND TRACK 218.60 TO CEXUN AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. PROFILE STARTS AT HISIG

3. FAC:

142.52

FAF: ZIGIK

DIST FAF TO MAP: 8.28

DIST FAF TO THLD: 8.78

4. MIN ALT: HISIG 5200, JITRI 4600, ZIGIK 4400, YEYUD/5.27 NM TO ISNEJ 3280, WAMEP/4.14 NM TO ISNEJ 2860, UVBOH/2.10 NM TO ISNEJ 2100

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 NOT CLEAR

20:1: IS NOT CLEAR

TCH:

8. MSA FROM: ISNEJ 8300

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA NE OF RWY 13-31.  
CHART NOTE: RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CAMAS ON V287 NORTHWEST BOUND.  
CHART NOTE: STRAIGHT-IN RWY 13 NA AT NIGHT, CIRCLING RWY 13 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

ZIGIK TO RW13: 3.50/40.  
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 18.05 DEGREES.  
CHART CIRCLING ICON.  
FICTITIOUS THRESHOLD POINT (CFGBZ) DO NOT CHART.  
WAAS CHANNEL #56242  
REFERENCE PATH ID: W13A  
CHART FAS OBST: 1173 TREE 423051N/1232356W.  
2439 AAO 423756N/1232849W.  
FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD.  
HOLD SW, RT, 054.00 INBOUND  
FTP HAE: 310.5 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT B 1000-2, CAT C 1100-3, CAT D 1300-3

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
LP MDA	1720	1	605	1720	1	605	1720	1 3/4	605	1720	1 3/4	605			
CIRCLING	1840	1	710	2080	1 1/4	950	2220	3	1090	2340	3	1210			



CHANGES - REASONS

1. TERMINAL ROUTES UPDATE: COURSE/DISTANCE FROM CAMAS TO PUYNO CHANGED FROM "148.31/11.66" TO "147.99/11.67" - PUYNO MOVED 398 FT EAST.
2. TERMINAL ROUTES UPDATE: COURSE/DISTANCE FROM PUYNO TO HISIG CHANGED FROM "142.51/5.00" TO "142.52/4.49" - PUYNO MOVED 398 FT EAST AND HISIG MOVED 3,020 FT NORTH.
3. TERMINAL ROUTES UPDATE: DELETED "HISIG TO YOYVU", COURSE/DISTANCE 142.54/2.50 AND "YOYVU TO JITRI" COURSE/DISTANCE 142.55/1.25. ADDED COURSE/DISTANCE FROM HISIG TO JITRI "142.45/3.63"- REMOVED INTERMEDIATE STEPDOWN FIX YOYVU.
4. TERMINAL ROUTES UPDATE: COURSE/DISTANCE FROM JITRI TO ZIGIK CHANGED FROM "142.55/1.25" TO "142.45/3.11" - JITRI MOVED 3,769 FT NORTH.
5. TERMINAL ROUTES UPDATE: CHANGED FROM "ZIGIK TO YEYUD/6.60 NM TO ISNEJ" TO "ZIGIK TO YEYUD/5.27 NM TO ISNEJ". DISTANCE CHANGED FROM "2.69" TO "3.01" - MOVED YEYUD (9528 FT SOUTHEAST).
6. TERMINAL ROUTES UPDATE: DELETED FROM "YEYUD/6.60 NM TO ISNEJ" TO "UHGEF/5.60 NM TO ISNEJ", COURSE/DISTANCE 142.56/1.00 AND FROM "UHGEF/5.60 NM TO ISNEJ" TO "WAMEP/4.50 NM TO ISNEJ" COURSE/DISTANCE 142.56/1.10. ADDED YEYUD/5.27 NM TO ISNEJ" TO "WAMEP/4.14 NM TO ISNEJ", COURSE/DISTANCE 142.56/1.13 - FINAL APPROACH COURSE RE-ALIGNED TO MEET DESCENT GRADIENT REQUIREMENTS. REMOVED FINAL STEPDOWN FIX UHGEF.
7. TERMINAL ROUTES UPDATE: CHANGED FROM "WAMEP/4.50 NM TO ISNEJ" TO "UVBOH/2.50 NM TO ISNEJ" TO "WAMEP/4.14 NM TO ISNEJ" TO "UVBOH/2.10 NM TO ISNEJ". DISTANCE CHANGED FROM 2.00 TO 2.04 - FINAL APPROACH COURSE RE-ALIGNED TO MEET DESCENT GRADIENT REQUIREMENTS.
8. TERMINAL ROUTES UPDATE: CHANGED FROM "UVBOH/2.50 NM TO ISNEJ" TO "ISNEJ" TO "UVBOH/2.10 NM TO ISNEJ" TO "ISNEJ" - UVBOH MOVED 3,906 FT SOUTHEAST..
9. CHANGED LINE 4, MIN. ALT FROM "HISIG 5200, YOYVU 5000, JITRI 4600, ZIGIK 4500, YEYUD/6.60 NM TO ISNEJ 3740, UHGEF/5.60 NM TO ISNEJ 3380, WAMEP/4.50 NM TO ISNEJ 3000, UVBOH/2.50 NM TO ISNEJ 2580" TO "HISIG 5200, JITRI 4600, ZIGIK 4400, YEYUD/5.27 NM TO ISNEJ 3280, WAMEP/4.14 NM TO ISNEJ 2860, UVBOH/2.10 NM TO ISNEJ 2100" - FINAL APPROACH COURSE RE-ALIGNED TO MEET DESCENT GRADIENT REQUIREMENTS.
10. NOTE DELETED: DME/DME RNP-0.3 NA - IAW 8260.19H PARA 4-6-10E.
11. ADDED PBN REQUIREMENTS NOTE: RNP APCH - IAW 8260.19H PARA 8-6-8.B.(1).
12. ADDITIONAL FLIGHT DATA UPDATE: REMOVED "CHART: 1610 TREE 423328N/1232539W" AND "2563 AAO 423555N/1232527W". ADDED CHART FAS OBST: 1173 TREE 423051N/1232356W. ADDED "2439 AAO 423756N/1232849W"- 7:1 OBSTACLE UPDATE AND CHANGED FAS OBSTACLE INFORMATION. .
13. ADDITIONAL FLIGHT DATA UPDATE: CHANGED "ZIGIK TO ISNEJ: 3.56/40" TO "ZIGIK TO ISNEJ: 3.50/40" - MAX DESCENT ANGLE FOR CATA D IS 3.50 DEGREES.
14. ADDITIONAL FLIGHT DATA UPDATE: CHANGED "OFFSET 18.11 DEGREES" TO "OFFSET 18.05 DEGREES" - FINAL APPROACH COURSE RE-EVALUATED AND ADJUSTED FOR OPTIMUM DESCENT.
15. ADITIONAL FLIGHT DATA UPDATE: CHANGED "FAC CROSSES RWY C/L EXTENDED 4500 FT FROM THLD" TO "FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD" - ISNEJ MOVED 1500 FT SOUTH.
16. ADDED LINE 7, NOTE FROM "20:1 IS NOT CLEAR" - IAW 8260.19H PARA 8-6-7.G.(3).
17. CHANGE MA FROM "CLIMB TO 2300 THEN CLIMBING RIGHT TURN TO 8000 DIRECT WIROG AND ON TRACK 166.37 TO ZUNPA AND ON TRACK 218.60 TO CEXUN AND HOLD" TO "CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 8000 DIRECT WIROG AND TRACK 166.37 TO ZUNPA AND TRACK 218.60 TO CEXUN AND HOLD" - FPT REQUEST.
18. AMENDED CIRCLING CAT B MDA/HAA FROM 2020/890 TO 2080/950 AND CIRCLING CAT C MDA/HAA FROM 2180/1050 TO 2220/1090 - NEW CONTROLLING OBSTACLES IDENTIFIED.
19. CHANGED LP CAT A/B/C/D MDA/HAT FROM 1680/565 TO 1720/605 - NEW CONTROLLING OBSTACLES IDENTIFIED.
20. CRC REMINDER CHANGED FROM 8D717F5E TO 09F230DF - FTP COORDINATE CHANGED FROM "423046.9410N/1232350.8180W" TO "423047.3280N/1232344.3320W", FPAP COORDINATE CHANGED FROM "422923.5405N/1232308.9460W" TO "422923.8070N/1232302.2795W", AND GPA CHANGED FROM 3.56 TO 3.50.
21. CHANGED DISTANCE FAF TO MAP/THLD FROM 9.29/10.00 TO 8.28/8.78 - ZIGIK MOVED 7587 FT SOUTH AND ISNEJ MOVED 1500 FEET SOUTH.

07/23/19: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 01/22/19.  
ZSE ADDED TO COMMUNICATIONS BLOCK ON FORM 8260-9 - WESTERN FPT REQUEST.

COORDINATED WITH:

A4A ☐

ALPA ☒

AOPA ☒

APA ☐

HAI ☐

NBAA ☒

OTHER: ZSE, CASCADE APP CON, AMGR, OREGON AERO DIV

FLIGHT CHECKED BY

EDWARD W MESA

Digitally signed by  
DAVID TEFFETELLER  
Feb 06, 2020

OFFICE

FICO

DATE

02/06/2020

DEVELOPED BY

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Jul 29, 2019

OFFICE

AJV-A433

DATE

01/22/2019

APPROVED BY

LONNIE EVERHART

Digitally signed by  
DAVID TEFFETELLER  
Feb 06, 2020

OFFICE

AJV-A430

DATE

TITLE  
MANAGER



**FAS DATA BLOCK INFORMATION**

<b><u>DATA FIELD</u></b>	<b><u>DATA</u></b>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	3S8
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	423047.3280N
LTP/FTP LONGITUDE	1232344.3320W
LTP/FTP ELLIPSOIDAL HEIGHT	+03105
FPAP LATITUDE	422923.8070N
FPAP LONGITUDE	1232302.2795W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	09F230DF

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+03348
FPAP ORTHOMETRIC HEIGHT	+03348

