

**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> S39	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> PRINEVILLE	<u>STATE</u> OR		
<u>AIRPORT ELEVATION</u> 3251	<u>TDZE</u> 3240	<u>SUPERSEDED</u> RNAV (GPS) RWY 28	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 02/01/2018	<u>MAG VAR</u> 14E	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<u>REQUIRED EFFECTIVE DATE</u> 06/17/2021	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
GASHE		ZUDMI		TF	FB	1.00	126.92	50.13	8300
ROAMS		ZUDMI		TF	FB	1.00	170.63	28.69	8500
IMB VOR/DME		ZUDMI		TF	FB	1.00	226.11	37.65	9000
ZUDMI	IAF	IKZIV		TF	FB	1.00	195.59	11.50	8000
NAXZY	IAF	IKZIV		TF	FB	1.00	327.49	7.57	8000
IKZIV	IF	UHUFY		TF	FB	1.00	285.50	6.31	6000
UHUFY	FAF	JOYXE/4.61 NM TO UPEFI		TF	FB	0.30	285.41	2.64	
JOYXE/4.61 NM TO UPEFI		OGEYU/3.57 NM TO UPEFI		TF	FB	0.30	285.41	1.04	
OGEYU/3.57 NM TO UPEFI		CUSVA/1.13 NM TO UPEFI		TF	FB	0.30	285.41	2.45	
CUSVA/1.13 NM TO UPEFI		UPEFI	MAP	TF	FO	0.30	285.41	1.13	
UPEFI	MAP	4700 MSL		CA			285.41		4700
4700 MSL		DSD VORTAC		DF	FO	1.00			7100

MISSED APPROACH

MAP:

LP: UPEFI
LNAV: UPEFI

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4700 THEN CLIMBING LEFT TURN TO 7100 DIRECT DSD VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. UPDATED TDZE FROM 3239 TO 3240 - UPDATED RWY DATA
2. UPDATED PROCEDURAL RWY FROM 28 TO 29, MAG VAR FROM 15E/2015 TO 14E/2025 - FPT REQUEST.
3. UPDATED ALL TERMINAL ROUTES COURSE TO REFLECT MAG VAR 14E.
4. UPDATED FEEDER SEGMENTS FROM RNP 2.00 TO 1.00 - 8260.58B TABLE 1-2-1.
5. UPDATED TERMINAL ROUTE UHUFY TO JOYXE, JOYXE MOVED FROM 4.42 NM TO 4.61 NM TO UPEFI AND SEGMENT DISTANCE FROM 2.86 TO 2.64 AND ALTITUDE FROM 5060 TO 5140- UPDATED SDF LOCATION/DESCENT ANGLE, OBS EVAL/FPT REQUEST.
6. UPDATED TERMINAL ROUTE JOYXE TO OGEYU, OGEYU MOVED FROM 2.96 NM TO 3.57 NM TO UPEFI AND SEGMENT DISTANCE FROM 1.46 TO 1.04 AND ALTITUDE FROM 4580 TO 4780 - UPDATED SDF LOCATION/DESCENT ANGLE AND OBS EVAL/FPT REQUEST.
7. UPDATED TERMINAL ROUTE OGEYU TO CUSVA, CUSVA MOVED FROM 1.02 TO 1.13 NM TO UPEFI AND SEGMENT DISTANCE FROM 1.94 TO 2.45 AND ALTITUDE FROM 3940 TO 3980 UPDATED SDF LOCATION/DESCENT ANGLE AND OBS EVAL/FPT REQUEST.
8. UPDATED TERMINAL ROUTE CUSVA TO UPEFI SEGMENT DISTANCE FROM 1.02 TO 1.13 - UPDATED FIX LOCATIONS/FPT REQUEST.
9. UPDATED MISSED APPROACH CA LEG FROM 3800 TO 4700 - EXTENDED INITIAL CLIMB TO AVOID CLIMB IN HOLDING AT DSD VTAC.
10. UPDATED FAC FROM 084.41 TO 085.41 - MAG VAR
11. UPDATED DIST FAF TO MAP/THLD FROM 7.27/8.27 TO 7.25/8.33 - MISSED APPROACH POINT MOVED 140 FT SW/FPT REQUEST.
12. ADDED 20:1 IS CLEAR - VISUAL SURFACE CLEAR.
13. ADDED CIRCLING RESTRICTION CIRCLING RWY 15 NA AT NIGHT - 20:1 PENETRATIONS.
14. UPDATED CIRCLING RESTRICTION FROM CIRCLING NA FOR CAT D SW OF RWY 10-28. TO CIRCLING NA FOR CAT D SOUTH OF RWY 11-29. - RWY RENUMBERING/DIRECTION UPDATED.
15. UPDATED FAS OBS FROM 3389 TRANS TWR 441630N/1205308W, 3338 TRANS TWR 441640N/1205248W TO 3396 TRANSMISSION LINE (41-084632) 441608N/1205249W, 3344 TRANSMISSION LINE (41-085629) 441635N/1205240W. - EVALUATION OF NEW SURVEYED DATA, DOCUMENTED IAW .19I 8-6-10C.
16. UPDATED 289 OBS FROM 4919 AAO 441434N/1204204W. 4679 AAO 441413N/1204353W. 4499 AAO 441442N/1204634W. 4439 AAO 441439N/1204700W. 3779 AAO 441432N/1204859W. 3679 AAO 441444N/1204917W. TO FAS OBST: 4019 AAO 441411N/1204849W, 4759 AAO 441410N/1204253W, 4879 AAO 441424N/1204213W, 4499 AAO 441441N/1204635W, 4259 AAO 441403N/1204831W, 4479 AAO 441440N/1204640W.- OBS EVALUATION/19I 8-6-10C.
17. UPDATED VDA/TCH FROM 3.10/40.5 TO 3.08/42.1 - FPT CHECKLIST/IAW 8260.D, 2-6-4.
18. UPDATED LP MDA/HAT FROM 3600/361 TO 3660/420 - EVALUATION OF NEW SURVEYED DATA.
19. UPDATED LNAV MDA/HAT FROM 3680/441 TO 3660/420 - EVALUATION OF NEW SURVEYED DATA.
20. UPDATED CIRCLING MDA/HAA CAT A FROM 4040/789 TO 3960/709, CAT B-D FROM 4060/809 TO 4040/789 - EVALUATION OF NEW SURVEYED DATA.
21. ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS - PBN CHART REQUIREMENTS/8260.19I 8-6-8.
22. REMOVED CHART NOTE: DME/DME RNP-0.3 NA - NO LONGER REQUIRED
23. UPDATED FAS DATA BLOCK: CRC REMAINDER FROM EEBFB787 TO 81B6D7B6 - DATA CHANGES/SYSTEM GENERATED.
24. UPDATED FPAP L/L FROM 441751.9420N/1205532.5090W TO 441753.6100N/1205536.6600W - UPDATED DATA.
25. UPDATED REFERENCE PATH ID FROM W28A TO W29A. - RWY RENUMBERED/MAG VAR.
26. UPDATED FAS DATA GPA FROM 3.10 TO 3.08 - FPT CHECKLIST.
27. UPDATED FAS DATA TCH FROM 41.0 TO 42.1 - AIRNAV DATA.
28. UPDATED FAS DATA LENGTH OFFSET FROM 1000 TO 1104 - RECALCULATED DISTANCE TO FPAP.

04/23/2021: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/19/2021.

1. UPDATED FAS DATA BLOCK INFORMATION, GLIDEPATH ANGLE (GPA) FROM 03.12 TO 03.08.
2. UPDATED CHANGE 26. UPDATED FAS DATA GPA FROM "3.10 TO 3.12" TO "3.10 TO 3.08".
3. FAS DATA CRC REMAINDER CHANGED FROM 81B6D7B6 TO 7CDC2CB0. - SYSTEM GENERATED

05/07/2021: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 04/23/2021: CHANGED REQUIRED EFFECTIVE DATE FROM "ROUTINE" TO 06/17/2021 - REQUIRES HARD DATE

COORDINATED WITH

A4A ALPA AOPA APA HAL NBAA OTHER: ZSE, AMGR

FLIGHT CHECKED BY

PENDING

DEVELOPED BY

HEIDI SNIDER

APPROVED BY

MARLON ROBINSON

Digitally signed by

HEIDI SNIDER

Apr 23, 2021

Digitally signed by

JOHN BORDY

May 07, 2021

OFFICE

OFFICE
AJV-A422

OFFICE
AJV-A420

Digitally signed by

JOHN BORDY

May 07, 2021

DATE

DATE
02/19/2021

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	S39
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	441710.0365N
LTP/FTP LONGITUDE	1205348.4540W
LTP/FTP ELLIPSOIDAL HEIGHT	+09659
FPAP LATITUDE	441753.6100N
FPAP LONGITUDE	1205536.6600W
THRESHOLD CROSSING HEIGHT (TCH)	00042.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.08
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1104
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	7CDC2CB0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+09865
FPAP ORTHOMETRIC HEIGHT	+09865

