

**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><b>AIRPORT ID</b></u> PAYA	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) RWY 29	<u><b>ORIGINAL/AMENDMENT</b></u> 5	<u><b>CITY</b></u> YAKUTAT	<u><b>STATE</b></u> AK		
<u><b>AIRPORT ELEVATION</b></u> 40	<u><b>TDZE</b></u> 32	<u><b>SUPERSEDED</b></u> RNAV (GPS) RWY 29	<u><b>ORIGINAL/AMENDMENT</b></u> 4B	<u><b>DATED</b></u> 07/24/2014	<u><b>MAG VAR</b></u> 20E	<u><b>EPOCH YEAR</b></u> 2015
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 8 SEPTEMBER 2022	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>		

**TAA**

<b>FROM</b>	<b>FIX TYPE</b>	<b>TO</b>	<b>FIX TYPE</b>	<b>ALTITUDE</b>
1. 115/30 CW 285/30		115/11 CW 285/11		7900
2. 115/11 CW 285/11		CIMUF	IF/IAF	3600
3. 285/30 CW 025/30	NOPT	CIMUF	IF/IAF	2500
4. 025/30 CW 115/30		DEDYA	IAF	2500

**TERMINAL ROUTES**

<b>FROM</b>	<b>FIX TYPE</b>	<b>TO</b>	<b>FIX TYPE</b>	<b>LEG TYPE</b>	<b>FO/FB</b>	<b>RNP</b>	<b>COURSE</b>	<b>DISTANCE</b>	<b>ALTITUDE</b>
DEDYA	IAF	CIMUF	NOPT	TF	FB	1.00	025.12	6.70	2500
CIMUF	IF/IAF	JOTWI		TF	FB	1.00	295.25	6.35	1600
JOTWI	FAF	RW29	MAP	TF	FO	0.30	295.12	4.76	
RW29	MAP	600 MSL		CA			295.12		600
600 MSL		CIMUF		DF	FO	1.00			3000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW29

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 600 THEN CLIMBING LEFT TURN TO 3000 DIRECT CIMUF AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SE CIMUF, LT, 295.25 INBOUND, 2500 FT. IN LIEU OF PT (IF/IAF), MAX 6000.

3. FAF: 295.12FAF: JOTWI

DIST FAF TO MAP: 4.76DIST FAF TO THLD: 4.76

4. MIN ALT: CIMUF 2500, JOTWI 1600

5. DIST TO THLD FROM OM:MM:IM:150 HAT:285 HAT: 0.73GS ANT:

6. MIN GP INCPT: 1600GP ALT AT PFAF : JOTWI 1600OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 52.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING RWY 20 NA AT NIGHT.  
CHART NOTE: RWY 29 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV, LNAV/VNAV ALL CATS, LNAV CAT A AND B.  
CHART NOTE: WHEN YAKUTAT ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CAT C AND D VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON  
FAS OBST: 290 AAO 592705N/1393311W.  
CHART VDP AT 1.43 NM TO RW29.  
WAAS CHANNEL # 66006  
REFERENCE PATH ID: W29A  
CHART CIRCLING ICON.  
CHART ANCHORAGE CENTER FREQUENCY.  
LTP HAE: 15.8 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2

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	317	1	285	317	1	285	317	1	285	317	1	285			
LNAV/VNAV DA	409	1	377	409	1	377	409	1	377	409	1	377			
LNAV MDA	540	1	508	540	1	508	540	1	508	540	1	508			QUALITY
CIRCLING	540	1	500	540	1	500	820	2 1/4	780	820	2 1/2	780			29 CHECKED

**CHANGES - REASONS**

1. AIRPORT ELEVATION CHANGED FROM 33 TO 40. - NEW SURVEY.
2. TDZE CHANGED FROM 26 TO 32. - NEW SURVEY.
3. TAA RADIAL CHANGED FROM 280 TO 285. - PER FPT REQUEST
4. TAA SEQ 1 ALT CHANGED FROM 8000 TO 7900.- NEW CONTROLLING OBSTACLE.
5. DEDY TO CIMUF COURSE AND DISTANCE CHANGED FROM 355.94/8.00 TO 025.12 AND 6.70 - FIXES MOVED FOR ALIGNMENT.
6. CIMUF TO JOTWI RNP VALUE CHANGED FROM 0.5 TO 1.0 AND DISTANCE CHANGED FROM 6.32 TO 6.35. - 8260.19I, FIXES MOVED FOR ALIGNMENT.
7. JOTWI TO RW29 COURSE CHANGED FROM 295.13 TO 295.12 AND DISTANCE CHANGED FROM 4.78 TO 4.76. - FIXES MOVED FOR ALIGNMENT ON THE ILS COURSE.
8. ADDED PBN EQUIPMENT REQUIREMENTS NOTE RNP APCH - GPS. - 8260.19I.
9. REMOVED CHART NOTE DME/DME RNP-0.3 NA. - NO LONGER REQUIRED IAW 8260.19I.
10. CHANGE CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C (0°F) OR ABOVE 54°C (130°F)." TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C." - NEW TEMP DATA USED, AND REMOVED FAHRENHEIT TEMPERATURES IAW 8260.19I.
11. CHANGE NOTE FROM "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED." TO "RWY 29 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED." - 8260.19I
12. REMOVED CHART PLANVIEW NOTE: LIMIT MISSED APPROACH TO 210 KIAS. - NO LONGER REQUIRED.
13. ADDED NOTE CIRCLING RWY 20 NA AT NIGHT. - RWY 20 HAS 20:1 PENETRATIONS.
14. FAS OBST CHANGED FROM "230 AAO 592721N/1393342W." TO "290 AAO 592705N/1393311W." - NEW CONTROLLING OBSTACLE IDENTIFIED.
15. ALTERNATE MINS CHANGED FROM "STANDARD - CAT D 800-2 1/4" TO "STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2" - 8260.3E.
16. LPV DA MINS CHANGED FROM DA/HAT OF 287/261 TO 317/285. - NEW SURVEY, NEW CONTROLLING OBSTACLE.
17. LNAV/VNAV DA MINS CHANGED FROM DA/HAT OF 484/458 AND VIS OF 1 1/8 SM TO 409/377 AND VIS OF 1SM. - NEW SURVEY, NEW CONTROLLING OBSTACLE.
18. LNAV MDA MINS CHANGED FROM MDA/HAT OF 480/454 TO 540/508. - NEW SURVEY, NEW CONTROLLING OBSTACLE.
19. CIRCLING MINS CHANGED FROM CAT A MDA/HAA FROM 500/467 TO 540/500, CAT B MDA/HAA FROM 520/487 TO 540/500, CAT C MDA/VIS/HAA FROM 620/1 1/2/587 TO 820/2 1/4/780 AND CAT D MDA/VIS/HAA FROM 720/2 1/4/687 TO 820/2 1/2/780 - NEW SURVEY, NEW CONTROLLING OBSTACLES, AND AIRPORT ELEVATION CHANGE.
20. CRC REMAINDER CHANGED FROM DC8233C9 TO 859D182E. - FPAP COORDS CHANGED.
21. ADDED NOTE WHEN YAKUTAT ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. - NO BACK-UP ALTIMETER.
22. MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 600 THEN CLIMBING LEFT TURN TO 3000 DIRECT CIMUF AND HOLD" TO "CLIMB TO 600 THEN CLIMBING LEFT TURN TO 3000 DIRECT CIMUF AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000" - CLIMB-IN-HOLD EVALUATION REQUIRED.
23. DIST TO THLD FROM 261 HATH: 0.65 NM CHANGED TO DIST TO THLD FROM 285 HAT: 0.73 - UPDATED EVALUATION, DOCUMENTATION AND LOCATION CHANGED FROM ADDITIONAL FLIGHT DATA TO LINE 5 IAW 8260.19I
24. ADDED 20:1 IS CLEAR ON PROFILE LINE 7 - 8260.19I, 20:1 IS CLEAR OF PENS.
25. INOP NOTE CHANGED FROM MALSR TO ALS AND "INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/2 MILES; LNAV CATS C AND D VISIBILITY TO 1 3/8 MILES." TO "INCREASE LNAV CAT C AND D VISIBILITY TO 1 3/8 SM." - 8260.19I 8-6-11.O.(3).(D)
26. REMOVED NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT" - VGSI AND PROCEDURE ARE NOW COINCIDENT.
27. ADDED NOTE CHART ANCHORAGE CENTER FREQUENCY. - 8260.19I 8-2-4.B.(1).
28. FAS DATA LTP/FTP LATS AND LONGS CHANGED FROM "592947.2700N/1393806.7900W" TO "592947.3795N/1393806.9865W" - NEW SURVEY.
29. LTP/FTP ELLIPSOID HEIGHT CHANGED FROM +00133 TO +00158 - NEW SURVEY.
30. FPAP LAT/LONG CHANGED FROM "593050.1325N/1394010.3835W" TO "593050.2360N/1394010.5825W" - NEW SURVEY.
31. ADDED ADDITIONAL FLIGHT DATA CHART VDP AT 1.43 NM TO RW29. - 20:1 CLEAR, VDP NOW PUBLISHABLE.
32. TERMINAL ROUTES ADDED FAF TO MAP SEGMENTS - IAW 8260.19I.
33. LINE 3 FAC CHANGED FROM 295.13 TO 295.12 AND DIST FAF TO MAP/THLD CHANGED FROM 4.78 TO 4.76 - FAF/PFAF RELOCATED.
34. CHANGED NOTE FROM INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS AND LNAV CATS A AND B TO INOPERATIVE TABLE DOES NOT APPLY TO LPV, LNAV/VNAV ALL CATS, LNAV CATS A AND B. - LNAV/VNAV DA LOWERED AND 8260.3E TABLE 3-3-6 REFERENCE NO FULL PARALLEL TAXIWAY.
35. ADDITIONAL FLIGHT DATA ENTRY LTP HAE CHANGED FROM 13.3 TO 15.8 - REVISED AIRNAV DATA.
36. CHANGES FROM P-NOTAMS FOR AMDT 4A & AMDT 4B INCORPORATED INTO FORM - REQUIRED IAW 8260.19I PARA 8-3-4C(3).

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAN, JNU FSS, AMGR

**FLIGHT CHECKED BY**

KENNETH E JACK

*Digitally signed by*  
**CASIMIR L TABAKA**  
Jul 20, 2022

**OFFICE**

FPO

**DATE**

06/15/2022

**DEVELOPED BY**

TYLER MITCHELL

*Digitally signed by*  
**TYLER D MITCHELL**  
May 02, 2022

**OFFICE**

AJV-A432

**DATE**

03/10/2022

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by*  
**CASIMIR L TABAKA**  
May 11, 2022

**OFFICE**

AJV-A430

**DATE**

**TITLE**  
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PAYA
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	592947.3795N
LTP/FTP LONGITUDE	1393806.9865W
LTP/FTP ELLIPSOIDAL HEIGHT	+00158
FPAP LATITUDE	593050.2360N
FPAP LONGITUDE	1394010.5825W
THRESHOLD CROSSING HEIGHT (TCH)	00052.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0392
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	859D182E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00101
FPAP ORTHOMETRIC HEIGHT	+00101