

**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</u> GUSTAVUS	<u>AIRPORT ID</u> PAGS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> 3A	<u>CITY</u> GUSTAVUS	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 36	<u>TDZE</u> 33	<u>SUPERSEDED</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> 3	<u>DATED</u> 06/25/2015	<u>MAG VAR</u> 20E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 DECEMBER 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2015

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>
CSPER		RUKIE		TF	FB	1.00	070.82	32.00	5400
BARLO		SSR VORTAC		TF	FB	1.00	206.97	16.06	5200
WIVEK		SSR VORTAC		TF	FB	1.00	304.69	10.00	5200
SSR VORTAC	IAF	MITBE		TF	FB	1.00	289.17	10.77	3000
RUKIE	IAF	JOBNO		TF	FB	1.00	023.87	3.88	3700
JOBNO		MITBE		TF	FB	1.00	354.44	3.72	3000
PELTE	IAF	PUVPE		TF	FB	1.00	316.85	9.09	4500
PUVPE		MITBE		TF	FB	1.00	316.76	9.09	3000
MITBE	IF	PEREE		TF	FB	1.00	317.04	4.50	1700
PEREE	FAF	YEBUR/2.60 NM TO ZONEX		TF	FB	0.30	295.14	1.83	
YEBUR/2.60 NM TO ZONEX		ZONEX	MAP	TF	FO	0.30	295.14	2.60	
ZONEX	MAP	1000 MSL		CA			295.14		1000
1000 MSL		SSR VORTAC		DF	FO	1.00			3000



MISSED APPROACH

MAP:

LP: ZONEX
LNAV: ZONEX

MISSED APPROACH INSTRUCTIONS:

(DO NOT EXCEED 210 KIAS UNTIL SSR VOTAC) CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 3000 DIRECT SSR VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)	
2. PROFILE STARTS AT MITBE					
3. FAC:	295.14	FAF: PEREE	DIST FAF TO MAP: 4.43	DIST FAF TO THLD: 5.13	
4. MIN ALT: MITBE 3000, PEREE 1700, YEBUR/2.60 NM TO ZONEX 1100					
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 CLEAR	TCH:		
8. MSA FROM: ZONEX 7100					

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA NE OF RWY 11-29.
CHART NOTE: RWY 29 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CSPER ON V317, T278 WESTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PELTE ON V428 SOUTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WIVEK ON V317 SOUTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
PEREE TO RW29: 3.00/39.
WAAS CHANNEL #53525
REFERENCE PATH ID: W29A
CHART FAS OBST: 166 TREE 582501N/1354050W, 347 TREE 582248N/1353835W.
799 AAO 582125N/1353609W.
FAC CROSSES RWY C/L EXTENDED 4253 FT FROM THLD.
HOLD E, LT, 255.00 INBOUND
LTP HAE: 11.8 M



MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 1000-2 3/4, CAT D 1200-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LP MDA	420	1	387	420	1	387	420	1 1/8	387	420	1 1/8	387			
LNAV MDA	660	1	627	660	1	627	660	1 3/4	627	660	1 3/4	627			
CIRCLING	660	1	624	660	1	624	960	2 3/4	924	1200	3	1164			

CHANGES - REASONS

1. ADDED COURSE VALUE 295.14 TO TERMINAL ROUTE CA LEG - IAW 8260.58A 3-5-2.
2. ADDED 20:1 IS CLEAR TO PROFILE LINE 7 - VISUAL SURFACE IS CLEAR.
3. REPLACED CHART NOTE: DME/DME RNP-0.3 NA WITH PBN REQUIREMENTS NOTE: RNP APCH - IAW 8260.19H PARA 8-6-8 B(1).
4. REMOVED CHART PLANVIEW NOTE: LIMIT MISSED APPROACH TO 210 KIAS FROM ADDITIONAL FLIGHT DATA - MOVED TO MISSED APPROACH INSTRUCTIONS.
5. MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 1000 THEN CLIMBING LEFT TURN..." TO "(DO NOT EXCEED 210 KIAS UNTIL SSR VOTAC) CLIMB TO 1000 THEN CLIMBING LEFT TURN..." - 210 KIAS RESTRICTION APPLIED TO AVOID HIGH TERRAIN NE OF THE AIRFIELD.
6. CHANGED CHART FAS OBST: 147 TREE 582501N/1354051W TO 166 TREE 582501N/1354050W IN ADDITIONAL FLIGHT DATA - UPDATED EVALUATION.
7. UPDATED ADDITIONAL FLIGHT DATA, REMOVED "CHART" FROM 799 AAO - AAO'S ARE NOT CHARTED.
8. REFERENCE PATH ID CHANGED FROM W29B TO W29A IN ADDITIONAL FLIGHT DATA - CORRECT REFERENCE PATH ID DESIGNATION.
9. LTP HAE CHANGED FROM 11.6M TO 11.8M IN ADDITIONAL FLIGHT DATA - REFERENCE PATH ID CHANGED.
10. APT ELEV/TDZE CHANGED FROM 35/31 TO 36/33 - NEW AIRNAV DATA.
11. CHANGED LP MDA/HAT FOR CATS A-D FROM 400/369 TO 420/387 - NEW CONTROLLING OBSTACLE. INCORPORATION OF NOTAM 9/1061.
12. CHANGED LNAV HAT FOR CATS A-D FROM 629 TO 627 - TDZE ELEVATION CHANGED FROM 31 TO 33.
13. CHANGED LP CATS C AND D VIS FROM 1 SM TO 1 1/8 SM - IAW 8260.3D TABLE 3-3-1.
14. CHANGED CIRCLING CATS A/B HAA FROM 625 TO 624, CIRCLING CAT C FROM 925 TO 924 AND CIRCLING CAT D FROM 1165 TO 1164 - AIRPORT ELEVATION CHANGED FROM 35 TO 36.
15. CRC REMAINDER CHANGED FROM ED7CF4AB TO 6EFD8F6 - LTP/FTP LAT/LONG CHANGED FROM 582510.9385N/1354133.0020W TO 582510.9400N/ 1354133.0020W, LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM +00116 TO +00118, AND LTP AND FPAP ORTHOMETRIC HEIGHTS CHANGED FROM +00085 TO +00089 AND CHANGED REFERENCE PATH IDENTIFIER FROM W29B TO W29A.
16. ADDED ALTERNATE MINIMUM NOTE NA WHEN LOCAL WEATHER NOT AVAILABLE- IAW 8260.19H.
17. REMOVED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA." - LOCAL AWOS ON WMSCR, ADDED CONTINGENCY NOTE TO 8260-9.
18. REMOVED "CHART ARRIVAL HOLDING AT SSR VORTAC: HOLD E, LT, 255.00 INBOUND, 5 NM" FROM ADDITIONAL FLIGHT DATA - INTERFERED WITH CHART DEPICTION OF MISSED APPROACH HOLDING.

COORDINATED WITH:**AAA** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAN, JNU ATCT, AK AERO, AMGR**FLIGHT CHECKED BY**

ALEX KRAUSE

Digitally signed by

DONALD H LANIER

Sep 23, 2019

OFFICE

FICO

DATE

9/17/19

DEVELOPED BY

DONALD H. LANIER (EBONY HAMILTON)

Digitally signed by

DONALD H LANIER

Sep 23, 2019

OFFICE

AJV-A431

DATE

06/13/2019

APPROVED BY

GEORGE DAVIS

Digitally signed by

DONALD H LANIER

Sep 23, 2019

OFFICE

AJV-A430

DATE**TITLE**
MANAGERQUALITY
24
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PAGS
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	582510.9400N
LTP/FTP LONGITUDE	1354133.0080W
LTP/FTP ELLIPSOIDAL HEIGHT	+00118
FPAP LATITUDE	582613.8195N
FPAP LONGITUDE	1354332.7760W
THRESHOLD CROSSING HEIGHT (TCH)	00038.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0704
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	6EFDF8F6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00089
FPAP ORTHOMETRIC HEIGHT	+00089

