

**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> PAGM	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 16	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> GAMBELL	<u>STATE</u> AK		
<u>AIRPORT ELEVATION</u> 30	<u>TDZE</u> 30	<u>SUPERSEDED</u> RNAV (GPS) RWY 16	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 03/31/2016	<u>MAG VAR</u> 8E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
QAYAQ		EEKAY		TF	FB	1.00	256.21	31.00	2500
EEKAY		ZADOK		TF	FB	1.00	303.18	11.01	2500
ZADOK	IAF	JOTLY		TF	FB	1.00	268.24	7.00	1800
JOTLY	IF	VADUZ		TF	FB	1.00	179.03	6.04	1500
VADUZ	FAF	RW16	MAP	TF	FO	0.30	164.04	4.50	
RW16	MAP	230 MSL		CA			164.04		
230 MSL		KALIX		DF	FB	1.00			2500
KALIX		GIYEN		TF	FB	1.00	100.31	9.32	
GIYEN		EEKAY		TF	FO	1.00	021.10	12.17	2500

**MISSED APPROACH**

**MAP:**

LPV: DA  
 LNAV/VNAV: DA  
 LNAV: RW16

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2500 DIRECT KALIX THEN LEFT TURN ON TRACK 100.31 TO GIYEN AND ON TRACK 021.10 TO EEKAY AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

QUALITY  
10  
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT JOTLY

3. FAF: 164.04

FAF: VADUZ

DIST FAF TO MAP: 4.50

DIST FAF TO THLD: 4.50

4. MIN ALT: JOTLY 1800, VADUZ 1500

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

200 HAT: 0.51

GS ANT:

6. MIN GP INCPT: 1500

GP ALT AT PFAF : VADUZ 1500

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 37.3

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA E OF RWY 16-34.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

CHART US/RUSSIA MARITIME LINE.  
HOLD SE, RT, 303.18 INBOUND.  
CHART FAS OBST: 509 TREE 634612N/1714200W.  
CHART VDP AT 1.42 NM TO RW16.  
WAAS CHANNEL # 86635  
REFERENCE PATH ID: W16A  
CHART CIRCLING ICON.  
LTP HAE: 13.2 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	230	1	200	230	1	200	230	1	200	230	1	200			
LNAV/VNAV DA	523	1 3/8	493	523	1 3/8	493	523	1 3/8	493	523	1 3/8	493		QUALITY 10 CHECKED	
LNAV MDA	520	1	490	520	1	490	520	1 3/8	490	520	1 3/8	490			
CIRCLING	520	1	490	520	1	490	520	1 1/2	490	660	2	630			

CHANGES - REASONS

1. REMOVED TAA FROM PROCEDURE - DUE TO PROXIMITY TO RUSSIAN AIRSPACE, PER IFP/ATC CHECKLIST REQUEST.
2. TERMINAL ROUTES: REMOVED PEZUM IF FROM PROCEDURE - PROCEDURE REDESIGN PER IFP/ATC CHECKLIST REQUEST.
3. TERMINAL ROUTES: ADDED QAYAQ AND EEKAY FEEDERS, ZADOK IAF AND JOTLY IF TO PROCEDURE - PROCEDURE REDESIGN PER IFP/ATC CHECKLIST REQUEST.
4. TERMINAL ROUTES: CHANGED VADUZ TO RWY34 SEGMENT DISTANCE FROM 5.13 TO 4.50 - FAF MOVED BASED ON GPA/TCH, PROCEDURE REDESIGN PER IFP/ATC CHECKLIST REQUEST.
5. TERMINAL ROUTES: CHANGED CA ALTITUDE FROM 279 MSL TO 230 MSL AND COURSE FROM 160.04 TO 164.04 - ALTITUDE BASED ON LPV MINIMA, COURSE CHANGED BASED ON FAC.
6. TERMINAL ROUTES: REPLACED JAYVE WITH KALIX AND ADDED GIYEN AND EEKAY - MISSED APPROACH REDESIGN PER IFP/ATC CHECKLIST REQUEST.
7. MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 3000 DIRECT JAYVE AND HOLD" TO "CLIMB TO 2500 DIRECT KALIX THEN LEFT TURN ON TRACK 100.31 TO GIYEN AND ON TRACK 021.10 TO EEKAY AND HOLD" - MISSED APPROACH REDESIGN PER IFP/ATC CHECKLIST REQUEST.
8. PROFILE LINE 2: CHANGED "HOLD N PEZUM, RT, 164.00 INBOUND, 1700 FT. IN LIEU OF PT (IAF)" TO "PROFILE STARTS AT JOTLY" - PROCEDURE REDESIGN DOES NOT INCLUDE A HIL.
9. PROFILE LINE 3: CHANGED DIST FAF TO MAP AND DIST FAF TO THLD FROM 5.13 TO 4.50 - FIX MOVED SOUTH BY 0.63 NM BASED ON GPA/TCH.
10. PROFILE LINE 4: CHANGED MIN ALT FROM "PEZUM 1700, VADUZ 1700" TO "JOTLY 1800, VADUZ 1500" - NEW IF FIX AND NEW ALTITUDE AT FAF PER IFP/ATC CHECKLIST REQUEST.
11. PROFILE LINE 5: ADDED "200 HAT: 0.51" AND REMOVED "DISTANCE TO THLD FROM 250 HATH: 0.67 NM" FROM ADDITIONAL FLIGHT DATA - UPDATED EVALUATION OF THE FINAL SEGMENT.
12. PROFILE LINE 6: CHANGED MIN GP INCPT FROM 1700 TO 1500 AND GP ALT AT PFAF FROM "VADUZ 1700" TO "VADUZ 1500" - NEW ALTITUDE AT FAF PER IFP/ATC CHECKLIST REQUEST.
13. PROFILE LINE 7: ADDED "20:1: IS CLEAR" - NO PENETRATIONS EXIST.
14. PBN REQUIREMENTS NOTE: ADDED "RNP APCH - GPS" AND REMOVED "DME/DME RNP-0.3 NA" FROM NOTES - PER 8260.19I PARA 8-6-8 B(2).
15. CHANGED CHART NOTE FROM "CIRCLING NA NE OF RWY 16-34" TO "CIRCLING NA E OF RWY 16-34" - UPDATED NOTE TO CORRECT FORMAT PER CURRENT CRITERIA.
16. MOVED BACKUP ALTIMETER NOTE AND BARO-VNAV AND VDP NOTES FROM 8260-3 TO 8260-9 PART C: GENERAL REMARKS AS CONTINGENCY NOTE - 8260.19I, 8-6-9F(3).10.
17. CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C (-4°F) OR ABOVE 54°C (130°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 54°C" - FAHRENHEIT VALUES NO LONGER REQUIRED, NEW EVALUATION WITH UPDATED CRITICAL TEMPERATURES.
18. ADDITIONAL FLIGHT DATA: REMOVED "LNAV ONLY" - NO LONGER REQUIRED PER CURRENT CRITERIA.
19. ADDITIONAL FLIGHT DATA: CHANGED FROM "HOLD S, RT, 344.12 INBOUND" TO "HOLD SE, RT, 303.18 INBOUND" - MISSED APPROACH HOLDING IS OVER EEKAY PER IFP/ATC CHECKLIST REQUEST.
20. ADDITIONAL FLIGHT DATA: CHANGED FROM "FAS OBST: 481 TREE 634612N/1714200W" TO "CHART FAS OBST: 509 TREE 634612N/1714200W" - NEW CONTROLLING OBSTACLE.
21. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART VDP AT 2.37 MILES TO RW16\*" TO "CHART VDP AT 1.42 NM TO RW16" - VDP LOCATION CHANGED DUE TO LNAV MDA/HAT CHANGE.
22. ADDITIONAL FLIGHT DATA: LTP HAE CHANGED FROM 13.1 M TO 13.2 M - LTP ORTHOMETRIC HEIGHT AND FPAP ORTHOMETRIC HEIGHT CHANGED FROM "00089" TO "+00090".
23. CHANGED ALTERNATE MINIMUMS FROM "STANDARD - CAT C, D 900-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" - PER 8260.19I, 8-6-11B(5)&(6).
24. CHANGED LPV ALL CATS DA/HAT FROM 279/250 TO 230/200 AND ALL CATS VISIBILITY FROM 7/8 SM TO 1 SM - LPV MIN ASC, PER UPDATED 8260.3E VIS TABLES.
25. CHANGED LNAV/VNAV ALL CATS DA/HAT FROM 578/549 TO 523/493 AND ALL CATS VISIBILITY FROM 1 7/8 SM TO 1 3/8 SM - NEW CONTROLLING OBSTACLE, PER UPDATED 8260.3E VIS TABLES.
26. CHANGED LNAV ALL CATS MDA/HAT FROM 820/791 TO 520/490, CAT B VISIBILITY FROM 1 1/4 SM TO 1 SM AND CAT C AND D VISIBILITY FROM 2 1/2 SM TO 1 3/8 SM - NEW CONTROLLING OBSTACLE, PER UPDATED 8260.3E VIS TABLES.
27. CHANGED CIRCLING CATS A, B AND C MDA/HAA FROM 820/791 TO 520/490 AND CAT D MDA/HAA FROM 860/831 TO 660/630 - NEW CONTROLLING OBSTACLES.
28. CHANGED CIRCLING CAT B VISIBILITY FROM 1 1/4 SM TO 1 SM, CAT C VISIBILITY FROM 2 1/2 SM TO 1 1/2 SM AND CAT D VISIBILITY FROM 2 1/2 SM TO 2 SM - PER UPDATED 8260.3E VIS TABLES.
29. CRC REMAINDER CHANGED FROM "DEA23183" TO "E2F280F4" - LTP/FTP LAT/LONG CHANGED FROM "634621.7430N/1714404.9295W" TO "634621.7535N/1714404.9320W" AND FPAP COORDINATES FROM "634453.7700N/1714337.2300W" TO "634453.7870N/1714337.2385W", LTP ORTHOMETRIC HEIGHT AND FPAP ORTHOMETRIC HEIGHT CHANGED FROM "+00089" TO "+00090".
30. VERTICAL ALERT LIMIT CHANGED FROM 50.0 TO 35.00 - LPV HAT CHANGED FROM 250 TO 200.
31. LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM "+00131" TO "+00132" - PER TARGETS EVALUATION.
32. CHANGES FROM P-NOTAMS FOR AMDT ORIG A INCORPORATED INTO FORM - REQUIRED IAW 8260.19I PARA 8-3-4C(3).

COORDINATED WITH:

A4A

ALPA

AOPA

APA

HAI

NBAA

OTHER:

ZAN, ARPT MGR, NOME FSS

FLIGHT CHECKED BY

DANIEL STRICKER

Digitally signed by

CASIMIR L TABAKA

Jun 16, 2023

OFFICE

FPO

DATE

04/25/2023

DEVELOPED BY

CASIMIR L. TABAKA (SILVIA YOUNG)

Digitally signed by

CASIMIR L TABAKA

Apr 12, 2023

OFFICE

AJV-A432

DATE

03/21/2023

APPROVED BY

CASIMIR TABAKA

Digitally signed by

CASIMIR L TABAKA

Apr 12, 2023

OFFICE

AJV-A432

DATE

TITLE  
MANAGER

QUALITY  
10  
CHECKED

FAA Form 8260-3 (11/16) Supersedes Previous Edition

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PAGM
RUNWAY	RW16
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	634621.7535N
LTP/FTP LONGITUDE	1714404.9320W
LTP/FTP ELLIPSOIDAL HEIGHT	+00132
FPAP LATITUDE	634453.7870N
FPAP LONGITUDE	1714337.2385W
THRESHOLD CROSSING HEIGHT (TCH)	00037.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1376
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	E2F280F4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00090
FPAP ORTHOMETRIC HEIGHT	+00090



FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u> PAGM	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 16	<u>AMDT NO.</u> 1	<u>CITY</u> GAMBELL	<u>STATE</u> AK	<u>AIRPORT ELEVATION</u> 30	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM QAYAQ TO EEKAY

<u>RNP</u>	<u>DISTANCE</u> 31.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							<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>
												SHIP	634850.08N/1710916.82W	150	50	20	2C	1000				AT1350	2500
												TERRAIN	635036.23N/1703431.51W	0 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER: STEPDOWN

FROM EEKAY TO ZADOK

<u>RNP</u>	<u>DISTANCE</u> 11.01	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							<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>
												SHIP	634850.08N/1710916.82W	150	50	20	2C	1000				AT1350	2500
												TERRAIN	635226.48N/1711838.57W	0 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:



INITIAL

FROM

ZADOK

TO

JOTLY

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	7.00											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
SHIP	635710.00N/1713530.00W		150	50	20	2C	1000				AT650	1800
TERRAIN	635624.79N/1713555.78W		0 (0)								AS1500	1500

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

SEGMENT REMARKS:

INTERMEDIATE

FROM

JOTLY

TO

VADUZ

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	6.04											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
SHIP	635339.00N/1714635.00W		150	50	20	2C	500					700
TERRAIN	635347.62N/1714439.19W		0 (0)								AS1500	1500

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

SEGMENT REMARKS:



FINAL: LPV

FROM  
VADUZ

TO  
RW16

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.50		DA		200							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				230

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

FINAL: LNAV/VNAV

FROM  
VADUZ

TO  
RW16

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.50		DA		493							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	634612.00N/1714200.00W		509	50	20	2C	161				AC20 SA-247 MA80	523

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



FINAL: LNAV

FROM

VADUZ

TO

RW16

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.50		RW16	490								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	634612.00N/1714200.00W		509	50	20	2C	250				SA-244	520

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

MISSED APPROACH : LPV

FROM

DA

TO

EEKAY

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
				65								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2500
TREE	634545.00N/1714236.00W		611	164	98	4E	1000					1700
TERRAIN	634545.00N/1714236.00W		600 (600)								AS1500	2100

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





MISSED APPROACH : LNAV/VNAV

FROM

DA

TO

EEKAY

RNP	DISTANCE	PAT	MAP	HAT			HMAS 362					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	634612.00N/1714200.00W		509	50	20	2C		ASC				2500
TREE	634545.00N/1714236.00W		611	164	98	4E	1000					1700
TERRAIN	634545.00N/1714236.00W		600 (600)								AS1500	2100

COMPUTATIONS

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

MISSED APPROACH : LNAV

FROM

RW16

TO

EEKAY

RNP	DISTANCE	PAT	MAP	HAT			HMAS 420					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2500
TREE	634545.00N/1714236.00W		611	164	98	4E	1000					1700
TERRAIN	634545.00N/1714236.00W		600 (600)								AS1500	2100

COMPUTATIONS

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



AIRPORT ID

PAGM

PROCEDURE NAME

RNAV (GPS) RWY 16

AMDT NO.

1

CITY

GAMBELL

STATE

AK

AIRPORT ELEVATION

30

FACILITY

RNAV

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TOWER (02-000274)	634656.00N/1714413.00W	1.30	490	89	50	3	2A	300		SI	520
CATEGORY B											
TOWER (02-000274)	634656.00N/1714413.00W	1.81	490	89	50	3	2A	300		SI	520
CATEGORY C											
TOWER (02-000274)	634656.00N/1714413.00W	2.84	490	89	50	3	2A	300		SI	520
CATEGORY D											
AAO	634227.00N/1714200.00W	3.70	630	350	50	20	2C	300			660

CIRCLING REMARKS:

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

QUALITY  
10  
CHECKED

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Electronic Version

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PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH  
ZAN ARTCC, OME FSS

<u>WX SERVICE</u> AWOS-3P	<u>LOCATION</u> PAGM	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> PAGM	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS-3P	<u>LOCATION</u> PASA	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> PASA	<u>DISTANCE</u> 33.30	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 82

WX REMARKS:  
RASS PRESSURE PATTERNS THE SAME  
PAGM 30, PASA 59  
RA = 81.1.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW16 - MIRL (PCL), REIL (PCL), VASI-4L (PCL)		NPI-F	
RW34 - MIRL (PCL), REIL (PCL), VASI-4R (PCL), ODALS (PCL)		NPI-F	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 29.5	<u>TCH</u> 37.3	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 37.3
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -20C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -25C	<u>APT ISA</u> +14.94C
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CRITICAL TEMPERATURE REMARKS:  
AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -40C ISA DEVIATION.  
CRITICAL LOW TEMPERATURE BASED ON EFFECTIVE GPA.  
DESCENT RATE (FPM): STANDARD TEMP 956 HIGH TEMP 1260.

"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.  
TAA AND MSA NOT DEVELOPED DUE TO PROXIMITY TO RUSSIAN AIRSPACE.  
10' TREES AND 15' BOATS USED WITHIN 20,000 FT OF ALL RUNWAYS; 150' BOATS USED OUTSIDE OF 20,000 FT OF ALL RUNWAYS PER FPT CHECKLIST..  
FOR CONTINGENCY PURPOSES:  
NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SAVOONGA ALTIMETER SETTING AND INCREASE LPV DA TO 312 FEET; INCREASE LNAV/VNAV DA TO 605 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CAT C/D 3/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM.  
NOTE: BARO-VNAV AND VDP NA WHEN USING SAVOONGA ALTIMETER SETTING.  
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<div>AIRPORT ID PAGM</div>	<div>PROCEDURE NAME RNAV (GPS) RWY 16</div>	<div>AMDT NO. 1</div>	<div>CITY GAMBELL</div>	<div>STATE AK</div>	<div>AIRPORT ELEVATION 30</div>	<div>FACILITY RNAV</div>
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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	2.93
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	172.04
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	0
DISTANCE FROM	THLD	TO 1500FT POINT	4.50
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.13
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	172.04
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	0

THRESHOLD  
COORDINATES  
(IF STR-IN)

634621.75N/1714404.93W

ARP COORDINATES

634559.82N/1714358.02W

RUNWAY APCH END  
AND DIST FURTHEST  
FROM ARP

RUNWAY 34 DISTANCE 0.37 NM

FAF  
COORDINATES

635048.34N/1714529.16W

FIX NAME  
COORDINATES

REMARKS

QUALITY  
10  
CHECKED

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Electronic Version

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PART E: PREPARED BY

<u>NAME</u> CASIMIR L. TABAKA (SILVIA YOUNG)	<u>OFFICE</u> AJV-A432	<u>DATE</u> 03/21/2023	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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