

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SUPERSEDED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> 10 AUGUST 2023	<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			

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

QUALITY
10
CHECKED