

**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> PAGK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 33R	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> GULKANA	<u>STATE</u> AK		
<u>AIRPORT ELEVATION</u> 1586	<u>TDZE</u> 1573	<u>SUPERSEDED</u> RNAV (GPS) RWY 33R	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 07/16/2020	<u>MAG VAR</u> 17E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 SEPTEMBER 2022	<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>
KLUNG		CEMOP		TF	FB	1.00	024.72	7.39	6600
UREKA		SMOKY		TF	FB	1.00	058.32	20.10	6300
SMOKY		MARSC		TF	FB	1.00	096.37	19.99	5000
GKN VOR/DME		MITIH		TF	FO	1.00	154.86	12.81	3900
CEMOP	IAF	MITIH	NOPT	TF	FB	1.00	024.88	7.38	3900
MARSC	IAF	MITIH	NOPT	TF	FB	1.00	063.85	8.00	3900
MITIH	IF/IAF	YEYGI		TF	FB	1.00	334.10	6.21	3600
YEYGI	FAF	RW33R	MAP	TF	FO	0.30	334.07	6.29	
RW33R	MAP	2100 MSL		CA			334.07		2100
2100 MSL		SMOKY		DF	FO	1.00			7000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW33R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2100 THEN CLIMBING LEFT TURN TO 7000 DIRECT SMOKY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
24
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD E MITIH, RT, 283.00 INBOUND, 3900 FT. IN LIEU OF PT (IF/IAF), MAX 14000.

3. FAF: 334.07FAF: YEYGI

DIST FAF TO MAP: 6.29

DIST FAF TO THLD: 6.29

4. MIN ALT: MITIH 3900, YEYGI 3600

5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.71GS ANT:

6. MIN GP INCPT: 3600GP ALT AT FAF : YEYGI 3600OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 50.0

8. MSA FROM: RW33R 13100

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING RWY 15R, 33L NA AT NIGHT.
CHART NOTE: RWY 33R HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

HOLD SW, LT, 058.47 INBOUND.
CHART FAS OBST: 1679 TREE 620616N/1452735W.
CHART VDP AT 1.33 NM TO RW33R.
WAAS CHANNEL # 40343
REFERENCE PATH ID: W33A
CHART CIRCLING ICON.
LTP HAE: 485.2 M

MINIMUMS:

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

ALTERNATE: NA

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 STANDARD

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	1823	1	250	1823	1	250	1823	1	250	1823	1	250			
LNAV/VNAV DA	1890	1	317	1890	1	317	1890	1	317	1890	1	317			
LNAV MDA	2000	1	427	2000	1	427	2000	1 1/4	427	2000	1 1/4	427			
CIRCLING	2040	1	454	2080	1	494	2080	1 1/2	494	2200	2	614			

QUALITY
24
CHECKED

CHANGES - REASONS

1. CLEARS FDC 1/49/50
2. CHANGED ADDITIONAL FLIGHT DATA LTP HAE FROM 457.3 TO 485.2 - NEW AIRNAV DATA.
3. CHANGED ADDITIONAL FLIGHT DATA CHART VDP AT 1.33 NM TO RW33R* TO ADDITIONAL FLIGHT DATA CHART VDP AT 1.33 NM TO RW33R - IAW 8260.19I PARA 8-6-10.M.
4. DELETED ADDITIONAL FLIGHT DATA *LNAV ONLY - IAW 8260.19I PARA 8-6-10M.
5. CHANGED LTP/FTP ELLIPSOIDAL HEIGHT FROM +04573 TO +04852 - NEW AIRNAV DATA.
6. CRC REMAINDER CHANGED FROM BD8C80A6 TO 37CA4AC2 - NEW AIRNAV DATA.
7. CHANGED PBN REQUIREMENT NOTE FROM RNP APCH TO RNP APCH - GPS - IAW 8260.19I PARA 8-6-8.B(2).

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAN, AMGR, AK DOT

Digitally signed by

FLIGHT CHECKED BY
KENNETH E JACK

ALLAN WILL
Jun 15, 2022

OFFICE
FPO

DATE
06/13/2022

Digitally signed by

DEVELOPED BY
WILLIAM D. MELTON

ALLAN WILL
Jun 15, 2022

OFFICE
AJV-A413

DATE
03/19/2022

APPROVED BY
JULIE MORGAN

Digitally signed by

ALLAN WILL
Jun 15, 2022

OFFICE
AJV-A410

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PAGK
RUNWAY	RW33R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	620853.5055N
LTP/FTP LONGITUDE	1452707.4120W
LTP/FTP ELLIPSOIDAL HEIGHT	+04852
FPAP LATITUDE	621021.2585N
FPAP LONGITUDE	1452737.0010W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	37CA4AC2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+04712
FPAP ORTHOMETRIC HEIGHT	+04712

