

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> MERRILL FIELD	<u>AIRPORT ID</u> PAMR	<u>PROCEDURE NAME</u> RNAV (GPS)-A	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> ANCHORAGE	<u>STATE</u> AK	
<u>AIRPORT ELEVATION</u> 137	<u>TDZE</u>	<u>SUPERSEDED</u> RNAV (GPS)-A	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 02/09/2012	<u>MAG VAR</u> 19E	<u>EPOCH YEAR</u> 2010
<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>
YOHOE	IF	RICKR		TF	FB	1.00	060.49	6.74	1600
RICKR	FAF	RW07	MAP	TF	FO	0.30	088.51	4.13	
RW07	MAP	537 MSL		CA			088.51		
537 MSL		BGQ VORTAC		DF	FO				2000

MISSED APPROACH

MAP:

LNAV: RW07

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 2000 DIRECT BGQ VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT YOHOE
- FAC: 088.51 FAF: RICKR DIST FAF TO MAP: 4.13 DIST FAF TO THLD:
- MIN ALT: YOHOE 2000, RICKR 1600
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT:
- MIN GP INCPT: GP ALT AT FAF : OM: MM: IM:
- GP ANGLE: 34:1: 20:1: TCH:
- MSA FROM: RW07 9100

PBN REQUIREMENTS NOTE:

RNP APCH.



NOTES:

ADDITIONAL FLIGHT DATA:

CHART: R-2203C
RICKR TO RW07: 3.23/43
CHART FAS OBST: 422 BLDG_TWR 611255N/1495334W.
HOLD S, LT, 356.46 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ 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
CIRCLING	740	1	603	740	1	603	740	1 3/4	603		NA				

CHANGES - REASONS

- 1. RAISED CIRCLING MDA FROM 720 TO 740 AND CAT C VISIBILITY FROM 1 1/2 TO 1 3/4. - NEW CAT A/B/C CIRCLING OBSTACLE.
- 2. CHANGED FAS OBST IN ADDITIONAL FLIGHT DATA FROM 408 BLDG 611255N/149537W TO 422 BLDG-TWR 611255N/1495334W. - NEW FINAL CONTROLLING OBSTACLE.
- 3. DELETED CHART NOTE: DME/DME RNP-0.3 NA. - FAAO 8260.19H PARAGRAPH 1-1-5 F14.
- 4. MOVED BACKUP ALTIMETER NOTE TO 8260-9 REMARKS SECTION. - FOR CONTINGENCY PURPOSES.
- 5. DELETED NOTE: WHEN VGSI INOP, PROCEDURE NA. - ALL 20:1 PENETRATORS ARE REMOVED OR LIT.
- 6. DELETED CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. - HELICOPTER NOTE NOT REQUIRED ON CIRCLING APPROACH.
- 7. DELETED CHART PLANVIEW NOTE: RADAR REQUIRED. - FAAO 8260.19H PARAGRAPH 8-6-9G(2) NOTE.
- 8. ADDED PBN REQUIREMENTS NOTE: RNP APCH. - FAAO 8260.19H PARAGRAPH 8-6-8B(1).



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZAN, MRI ATCT, ANC APP CON, AIRPORT MANAGER.

FLIGHT CHECKED BY

OFFICE DATE

DEVELOPED BY Digitally signed by
LIAM DONAHUE LIAM DONAHUE
Sep 24, 2018

OFFICE DATE
AJV-5431 08/28/2018

APPROVED BY
PATRICK MULQUEEN

OFFICE DATE TITLE
AJV-5430 MANAGER



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

<u>AIRPORT</u> MERRILL FIELD	<u>AIRPORT ID</u> PAMR	<u>PROCEDURE NAME</u> RNAV (GPS)-A	<u>AMDT NO.</u> 1A	<u>CITY</u> ANCHORAGE	<u>STATE</u> AK	<u>AIRPORT ELEVATION</u> 137	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

INTERMEDIATE

FROM
YOHOE

TO
RICKR

RNP DISTANCE PAT MAP HAT HMAS

6.74

<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>
1.AAO	611506.00N/1495830.00W	387	250	125	4E	500				AT713	1600
2.TERRAIN	611506.00N/1495830.00W	187 (200)								AS1000	1200

COMPUTATIONS

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

SEGMENT
REMARKS:

FINAL: LNAV

FROM
RICKR

TO
RW07

RNP DISTANCE PAT MAP HAT HMAS

4.13 RW07

<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>
3.BLDG_TWR (02-000273)	611255.12N/1495333.91W	422	20	3	1A	250					680

COMPUTATIONS

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

SEGMENT
REMARKS:



MISSED APPROACH : LNAV

FROM

RW07

TO

BGQ VORTAC

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
							640				
<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>
							ASC				2000
4.TOWER (02-000257)	612520.00N/1495228.00W	960	100	50	3D	1000					2000
5.TERRAIN	613127.00N/1495300.00W	420 (400)								AS1500	1900

COMPUTATIONS

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

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											
3.BLDG_TWR (02-000273)	611255.12N/1495333.91W	1.30	603	422	20	3	1A	300			740
CATEGORY B											
3.BLDG_TWR (02-000273)	611255.12N/1495333.91W	1.50	603	422	20	3	1A	300			740
CATEGORY C											
3.BLDG_TWR (02-000273)	611255.12N/1495333.91W	1.70	603	422	20	3	1A	300			740

CIRCLING REMARKS:

MSA

CENTER	RADIUS
RW07	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	611824.00N/1485212.00W	079	29.0	8087	250	125	4E	1000			9100

MSA REMARKS:



WX REMARKS:

RASS PRESSURE PATTERNS SAME

PAMR 136.9, PANC 151.5

PRIMARY NAVAID

MONITOR POINT

HRS OPERATION

CAT

APPROACH AND RUNWAY LIGHTING SYSTEM

RUNWAY MARKINGS

RUNWAY VISUAL RANGE

RW16 - MIRL (PCL), REIL (PCL), VASI-2R

BSC-F

RW34 - MIRL (PCL), REIL (PCL), PAPI-2L

BSC-F

RW07 - MIRL (PCL), REIL (PCL), VASI-2L

PIR-G

RW25 - MIRL (PCL), REIL (PCL), VASI-2L

PIR-G

GLIDESLOPE ANGLE

ELEV RWY THRESHOLD

TCH

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE

TCH

3.75

43.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD

ON CENTERLINE

X

FT FROM THRESHOLD

FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE

CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

QUALITY

16

CHECKED

"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	CIRCLING RWY 16
20:1	
157 POLE (02-022971) 611300.90N/1495112.29W (20.01) CONFIRMED LIT BY FPT.	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PART C: GENERAL REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
THIS NOTE RETAINED FROM PREVIOUS PROCEDURES. RASS (PRESSURE PATTERNS THE SAME PER KENAI FLIGHT SERVICE) ANCHORAGE ADDED PER FPT REQUEST.
NO ADJUSTMENT REQUIRED BACKUP ALTIMETER NOT MORE THAN 5NM AWAY.

FOR CONTINGENCY PURPOSES: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ANCHORAGE INTL ALTIMETER SETTING.
ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



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	2.65
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	107.51
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	138
DISTANCE FROM	THLD	TO 1500FT POINT	4.13
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.90
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	107.51
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	138

THRESHOLD
COORDINATES
(IF STR-IN)

ARP COORDINATES 611248.76N/1495041.01W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP RUNWAY 25 DISTANCE 0.43 NM

FAF
COORDINATES 611411.78N/1495920.13W

FIX NAME
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
MERRILL FIELD	PAMR	RNAV (GPS)-A	1A	ANCHORAGE	AK	137	RNAV

PART E: PREPARED BY

NAME

LIAM DONAHUE

OFFICE

AJV-5431

DATE

08/28/2018

TITLE

AERONAUTICAL INFORMATION SPECIALIST

