

**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> Z13/PFZK	<u>PROCEDURE NAME</u> RNAV (GPS)-A	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> AKIACHAK	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 23	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 8E
				<u>EPOCH YEAR</u> 2030
				<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>
ROLLR	IAF	FIROT		TF	FB	1.00	049.43	12.20	1700
FIROT	IF	ECADI		TF	FB	1.00	098.13	5.00	1700
ECADI	FAF	ANZEO		TF	FB	0.30	098.26	3.26	
ANZEO		QOKUT	MAP	TF	FO	0.30	098.26	2.69	
QOKUT	MAP	500 MSL		CA			098.26		500
500 MSL		CABOT		DF	FO	1.00			2000

MISSED APPROACH

MAP:

QOKUT

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 500, THEN CLIMBING LEFT TURN TO 2000 DIRECT CABOT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT FIROT					
3. FAC: 098.26	FAF: ECADI		DIST FAF TO MAP: 5.95	DIST FAF TO THLD:	
4. MIN ALT: FIROT 1700, ECADI 1700, ANZEO 1000					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	GS ANT:	
6. MIN GP INCPT:	GP ALT AT FAF:			OM:	MM:
7. GP ANGLE:	34:1:	20:1:	TCH:		IM:
8. MSA FROM: PFZK 2900					



AIRPORT ID
Z13/PFZK

PROCEDURE NAME
RNAV (GPS)-A

ORIGINAL/AMENDMENT
ORIG

CITY
AKIACHAK

STATE
AK

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ROLLR ON V319 WESTBOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BET/PABE ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET.
CHART NOTE: PROCEDURE NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 047.85 INBOUND.
CHART FAS OBST: 76 TREE 605524N/1613354W.
CHART 80 TREE 605551N/1613415W.
FAC CROSSES MIDPOINT OF RWY 02-20.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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>
CIRCLING	380	1	357	480	1	457	480	1 1/2	457		NA				

CHANGES - REASONS

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒

OTHER:ZAN ARTCC, ENA FSS, AMGR

FLIGHT CHECKED BY

JOEL F HAWKLEY

Digitally signed by

RAKE MCGRAW

Jun 18, 2025

OFFICE

AJF

DATE

06/17/2025

Digitally signed by

RAKE MCGRAW

Jun 18, 2025

OFFICE

AJV-A422

DATE

03/31/2025

DEVELOPED BY

RYAN PIPKIN

Digitally signed by

RAKE MCGRAW

Jun 18, 2025

OFFICE

AJV-A420

DATE

TITLE
MANAGER

APPROVED BY

BEV L BORDY



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

<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>
Z13/PFZK	RNAV (GPS)-A	ORIG	AKIACHAK	AK	23	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM **TO**
 ROLLR FIROT

RNP DISTANCE PAT MAP HAT HMAS
 1.00 12.20

<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>
AAO	605645.00N/1615018.00W	273	215	8	4B	1000				AT427	1700
TERRAIN	605712.00N/1615121.00W	68 (100)								AS1500	1600

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM **TO**
 FIROT ECADI

RNP DISTANCE PAT MAP HAT HMAS
 1.00 5.00

<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>
AAO	605518.00N/1614503.00W	279	215	8	4B	500				AT921	1700
TERRAIN	605518.00N/1614503.00W	78 (100)								AS1500	1600

COMPUTATIONS

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

SEGMENT REMARKS:



FINAL: LNAV

FROM

ECADI

TO

ANZEO

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	3.26										
<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>
AAO	605624.00N/1614021.00W	273	215	8	4B	250				DG417 RA60	1000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

ANZEO

TO

QOKUT

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.69		QOKUT								
<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>
TREE	605524.00N/1613354.00W	76	215	8	4B	250					340

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSSED APPROACH: LNAV

FROM

QOKUT

TO

CABOT

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u> 280				
<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
AAO	611221.00N/1604357.00W	299	215	8	4B	1000					1300
TERRAIN	610615.00N/1605209.00W	91 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

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											
TREE	605603.00N/1613103.00W	1.30	357	80	215	8	4B	300			380
CATEGORY B											
TOWER (02-290312)	605433.81N/1612549.76W	1.81	457	92	20	3	1A	300		HAA	480
CATEGORY C											
TOWER (02-290312)	605433.81N/1612549.76W	2.84	457	92	20	3	1A	300		HAA	480

CIRCLING REMARKS:

MSA

CENTER

PFZK

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	603727.00N/1604230.00W	119	28.9	1860	215	8	4B	1000			2900

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZAN ARTCC, ENA FSS

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
AWOS-3P	Z13/PFZK	24	Z13/PFZK	0.18	Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	BET/PABE	24	BET/PABE	12.54	Y	44

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
PFZK 23, PABE 129
RA = 43.7.

<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>	
RW02 - MIRL (PCL)			
RW20 - MIRL (PCL)			

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
<u>FINAL APPROACH COURSE AIMING</u>						
RUNWAY THRESHOLD	<input type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE			
ON CENTERLINE	<input type="checkbox"/>	FT FROM CENTERLINE				

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

<u>PENETRATIONS REMARKS:</u>
20:1 PENETRATIONS ASSUMED. NO RUNWAY SURVEY AVAILABLE.

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.

VEGETATION 30 FT PER FPT.

VDP NOT ESTABLISHED- CIRCLING ONLY APPROACH.

FINAL APPROACH COURSE AIMING POINT- RWY 02-20 MIDPOINT 605449.72N/16112935.99W.

PROCEDURE NA AT NIGHT DUE TO NO RUNWAY SURVEY/20:1 IS ASSUMED.

ORDER 8260.3 CHAPTER 2 APPLIED TO 80 TREE 605551.00N/1613415.00W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #23-AAL-55

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	ARP	TO 1000FT POINT	4.00
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	106.26
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	100
DISTANCE FROM	ARP	TO 1500FT POINT	5.80
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.96
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	106.26
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	100

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES	605449.72N/1612935.99W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 2 DISTANCE 0.27 NM
FAF COORDINATES	605630.78N/1614123.84W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
RYAN PIPKIN	AJV-A422	03/31/2025	AERONAUTICAL INFORMATION SPECIALIST

