

**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> AKIAK	<u>AIRPORT ID</u> PFAK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 21	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> AKIAK	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 40	<u>TDZE</u> 40	<u>SUPERSEDED</u> RNAV (GPS) RWY 21	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 08/17/2017	<u>MAG VAR</u> 16E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2005

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>
CABOT	IAF	CETIK		TF	FB	1.00	192.71	11.63	2000
VIDDA	IAF	CETIK		TF	FB	1.00	287.86	16.57	2000
CETIK	IF	FOSAV		TF	FB	1.00	211.27	6.00	1700
FOSAV	FAF	RW21	MAP	TF	FO	0.30	211.14	5.04	
RW21	MAP	440 MSL		CA			211.14		
440 MSL		WATNU		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LNAV: RW21

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT WATNU AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- PROFILE STARTS AT CETIK
- FAC:** 211.14 **FAF:** FOSAV **DIST FAF TO MAP:** 5.04 **DIST FAF TO THLD:** 5.04
- MIN ALT:** CETIK 2000, FOSAV 1700
- 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:** IS NOT CLEAR **20:1:** IS NOT CLEAR **TCH:**
- MSA FROM:** RW21 3600



PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CABOT ON V480, T222 NORTHEAST BOUND, AND FOR ARRIVALS AT VIDDA ON V319, T269 EASTBOUND.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: USE BETHEL ALTIMETER SETTING.
CHART NOTE: RWY 21 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.
CHART BETHEL ASOS.
FAS OBST: 225 AAO 605723N/1610545W.
HOLD SW, RT, 030.78 INBOUND

MINIMUMS:

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

ALTERNATE: NA

<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>
LNAV MDA	600	1	560	600	1	560		NA			NA				
CIRCLING	600	1	560	600	1	560		NA			NA				

CHANGES - REASONS

1. DELETED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED PBN REQUIREMENTS NOTE: RNP APCH - PER 8260.19H NAVSPEC REQUIREMENT.
2. UPDATED 8260-3 LINE 7 BY ADDING 20:1 IS NOT CLEAR AND CHANGING 34:1 FROM IS CLEAR TO IS NOT CLEAR - NO OIS SURVEY AND FLIGHT CHECK VERIFIED VISUAL SURFACE PENETRATIONS EXIST IN CATS A/B VISUAL AREAS.
3. ADDED CHART NOTE: PROCEDURE NA AT NIGHT - OBSTACLES PENETRATE THE VISUAL SURFACE AREAS.
4. ADDED CHART NOTE: RWY 21 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED - PER CRITERIA LISTED IN THE 8260-19H.
5. UPDATED LNAV MDA/HAT FROM MDA/420, HAT/380 TO MDA/600, HAT/560 - CONTROLLING OBSTACLE CHANGED FROM 58 FT TREE TO 225 AAO. AAO APPLIED IN FINAL SEGMENT.
6. UPDATED CIRCLING MDA/HAA FROM CAT A MDA/480, HAA/440, CAT B MDA/500, HAA/460 TO CATS A/B MDA/600, HAA/560 - NEW CONTROLLING OBSTACLE (AAO) FOR FINAL RAISES THE CIRCLING MDA TO MATCH THE SI MINIMUMS.

PDF EDIT: 09/13/2018

1. ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED FROM PART C: GENERAL REMARKS - AUTO-GENERATED NOTE AND NEW CIRCLING AREA NOT APPLIED.

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZAN, AIRPORT MANAGER

FLIGHT CHECKED BY

DANIEL STRICKER

Digitally signed by **OFFICE** **DATE**
WARDELL HENNING FICO 4/16/19
 Apr 19, 2019

DEVELOPED BY

SYLVAN DRAKES

Digitally signed by
SYLVAN DRAKES
 Sep 19, 2018

OFFICE **DATE**
 AJV-5433 09/18/2018

APPROVED BY

PATRICK MULQUEEN

Digitally signed by
WARDELL HENNING
 Apr 19, 2019

OFFICE **DATE** **TITLE**
 AJV-5430 MANAGER



AIRPORT
AKIAK

AIRPORT ID
PFAK

PROCEDURE NAME
RNAV (GPS) RWY 21

ORIGINAL/AMENDMENT
ORIG-C

CITY
AKIAK

STATE
AK

QUALITY
25
CHECKED