

**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> RALPH WIEN MEMORIAL	<u>AIRPORT ID</u> PAOT	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 9	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> KOTZEBUE	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 15	<u>TDZE</u> 13	<u>SUPERSEDED</u> RNAV (GPS) RWY 9	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 12/07/2017	<u>MAG VAR</u> 11E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 JANUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

TAA [THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 18-25.](#)

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 000/30 CW 150/30	NOPT	000/4 CW 150/4		3700
1. 000/4 CW 150/4		KOTEC	IF/IAF	1900
2. 150/30 CW 270/30		150/7 CW 270/7		4300
2. 150/7 CW 270/7		GIGRE	IAF	2800
3. 270/30 CW 000/30		270/11 CW 000/11		2100
3. 270/11 CW 000/11		HERDU	IAF	1900

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>
GIGRE	IAF	KOTEC	NOPT	TF	FB	1.00	150.28	5.00	1900
HERDU	IAF	KOTEC	NOPT	TF	FB	1.00	000.27	8.89	1900
KOTEC	IF/IAF	ZIKBO		TF	FB	1.00	090.34	6.99	1500
ZIKBO	PFAF	RW09	MAP	TF	FO	0.30	090.61	4.54	
RW09	MAP	500 MSL		CA			090.61		500
500 MSL		HERDU		DF	FO	1.00			2000



MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW09

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 2000 DIRECT HERDU AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)			
2.	HOLD W KOTEC, RT, 090.34 INBOUND, 1900 FT. IN LIEU OF PT (IAF), MAX 6000.						
3. FAC:	090.61	FAF: ZIKBO	DIST FAF TO MAP: 4.54	DIST FAF TO THLD: 4.54			
4. MIN ALT:	KOTEC 1900, ZIKBO 1500						
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.65	GS ANT:		
6. MIN GP INCPT: 1500	GP ALT AT FAF : ZIKBO 1500		OM:		MM:	IM:	
7. GP ANGLE: 3.00	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 42.2				
8. MSA FROM:							

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING RWY 18, 36 NA AT NIGHT, CIRCLING RWY 27 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD. ←

CHART NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED. ←

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C OR ABOVE 54C.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
 CHART VDP AT 0.95 NM TO RW09*
 *LNAV ONLY
 WAAS CHANNEL #57941
 REFERENCE PATH ID: W09A
 CHART FAS OBST: 94 TOWER 665343N/1623556W.
 HOLD SW, RT, 056.44 INBOUND
 LTP HAE: 6.1 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT D 800-2 1/4



CATEGORY:	A			B			C			D			E			
	FINAL TYPE	DA/MDA	VIS	HAT/HAA												
LPV DA	263	5000	250	263	5000	250	263	5000	250	263	5000	250				
LNAV/VNAV DA	263	5000	250	263	5000	250	263	5000	250	263	5000	250				
LNAV MDA	360	5500	347	360	5500	347	360	5500	347	360	5500	347				
CIRCLING	520	1	505	520	1	505	720	2	705	720	2 1/4	705				

CHANGES - REASONS

1. MINIMUMS: UPDATED LPV, LNAV/VNAV DA VIS TO RVR 5000. - PER CRITERIA.
2. NOTES: ADDED RWY 9 HELICOPTER VIS REDUCTION BELOW RVR 4000 NOT AUTHORIZED. - 34:1 PENETRATIONS.
3. DELETED DME/DME RNP NOTE - CURRENT CRITERIA.
4. ADDED PBN REQUIREMENTS NOTE RNP APCH - CURRENT CRITERIA.

11 /07/18: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 09/28/18.

1. CHANGED CHART NOTE: STRAIGHT-IN RWY 9 NA AT NIGHT, CIRCLING RWY 9, 18, 36 NA AT NIGHT, CIRCLING RWY 27 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD TO CHART NOTE: CIRCLING RWY 18, 36 NA AT NIGHT, CIRCLING RWY 27 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.
2. CHANGED CHART NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED TO CHART NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.
3. LINE 7, CHANGED 20:1 IS NOT CLEAR TO 20:1 IS CLEAR.



COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZAN, AMGR, OTZ FSS

FLIGHT CHECKED BY

OFFICE

DATE

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018,
SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED

Digitally signed by

DEVELOPED BY

Digitally signed by

DAVID DANNER

OFFICE

DATE

LONNIE EVERHART (JOSHUA DUGAN)

DAVID DANNER

Nov 23, 2018

AJV-5400

APPROVED BY

Digitally signed by

OFFICE

DATE

TITLE

LONNIE EVERHART

DAVID DANNER

Nov 23, 2018

AJV-5400

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PAOT
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	665321.5685N
LTP/FTP LONGITUDE	1623628.7510W
LTP/FTP ELLIPSOIDAL HEIGHT	+00061
FPAP LATITUDE	665303.3985N
FPAP LONGITUDE	1623247.6050W
THRESHOLD CROSSING HEIGHT (TCH)	00042.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0952
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 5B6E1E97

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00040
FPAP ORTHOMETRIC HEIGHT	+00040

