

**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> IAN/PAIK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 25	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> KIANA	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 179	<u>TDZE</u> 175	<u>SUPERSEDED</u> RNAV (GPS) RWY 25	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 07/14/2022
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 27 NOVEMBER 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 12E
				<u>EPOCH YEAR</u> 2020
				<u>CANCEL/SUSPEND</u>

TAA

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 25-23.

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 163/30 CW 344/30	NOPT	163/15 CW 344/15		5700
2. 163/15 CW 344/15		RELOC	IF/IAF	4500
3. 344/30 CW 073/30		RAYKO	IAF	4500
4. 073/30 CW 163/30		073/8 CW 163/8		6400
5. 073/8 CW 163/8		RELOC	IF/IAF	4500

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>
RAYKO	IAF	RELOC	NOPT	TF	FB	1.00	343.65	8.00	4500
RELOC	IF/IAF	LETMY		TF	FB	1.00	253.61	5.56	3300
LETMY		UCANE		TF	FB	1.00	253.39	1.91	2900
UCANE	FAF	RW25	MAP	TF	FO	0.30	253.28	8.54	
RW25	MAP	900 MSL		CA			253.28		900
900 MSL		KOBXU		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW25

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 900 THEN CLIMBING LEFT TURN TO 4000 DIRECT KOBXU AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.
#MISSED APPROACH REQUIRES MINIMUM CLIMB OF 335 FEET PER NM TO 1440.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
35
CHECKED

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD E RELOC, RT, 253.61 INBOUND, 4500 IN LIEU OF PT (IAF), MAX 10000.														
3.	FAC:	253.28	FAF:	UCANE	DIST FAF TO MAP:	8.54	DIST FAF TO THLD:	8.54							
4.	MIN ALT:	RELOC 4500, LETMY 3300, UCANE 2900													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		275 HAT:	0.84	GS ANT:				
6.	MIN GP INCPT:	2900	GP ALT AT PFAF:	UCANE 2900					OM:		MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	35.0							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA N OF RWY 7-25.
CHART NOTE: CIRCLING RWY 7 NA AT NIGHT.
CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT (VGSi ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25°C OR ABOVE 54°C.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING WLK/PASK ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WLK/PASK ALTIMETER SETTING AND INCREASE LPV DA# TO 531 FEET; INCREASE LPV DA TO 720 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE LNAV/VNAV DA TO 888 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 100 FEET

ADDITIONAL FLIGHT DATA:



HOLD SW, RT, 050.63 INBOUND.
FAS OBST: 1277 AAO 665951N/1600630W.
CHART VDP AT 4.85 NM TO RW25.
WAAS CHANNEL # 63143
REFERENCE PATH ID: W25A
LTP HAE: 48 M

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A, B 1600-2, CAT C, D 1600-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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#	450	1	275	450	1	275	450	1	275	450	1	275			
LPV DA	639	1 3/8	464	639	1 3/8	464	639	1 3/8	464	639	1 3/8	464			
LNAV/VNAV DA	807	1 3/4	632	807	1 3/4	632	807	1 3/4	632	807	1 3/4	632			
LNAV MDA	1740	1 1/4	1565	1740	1 1/2	1565	1740	3	1565	1740	3	1565			
CIRCLING	1740	1 1/4	1561	1740	1 1/2	1561	1740	3	1561	1740	3	1561			



AIRPORT ID

IAN/PAIK

PROCEDURE NAME

RNAV (GPS) RWY 25

ORIGINAL/AMENDMENT

2

CITY

KIANA

STATE

AK

CHANGES - REASONS

1. TAA: ADDED AN 8 NM STEPDOWN TO THE SECTOR 073 CW 163- TO MATCH TAA MIN ALTITUDE WITH HIL ALTITUDE.

2. TERMINAL ROUTES: ADDED INTERMEDIATE SDF WITH A 3300 FT SDF ALTITUDE AT FIX LETMY – TO CREATE A CAPTURE FIX FOR LPV LINE OF MINIMA.

3. TERMINAL ROUTES: THE INITIAL SEGMENT FORM RAYKO CHANGED FROM 343.60 TO 343.65 – FIX MOVED 42.1215 FEET WEST, TURN TO INTERMEDIATE SEGMENT WAS SLIGHTLY OVER 90 DEGREES.

4. TERMINAL ROUTES: INTERMEDIATE SEGMENT CHANGED FROM 253.58/7.45NM TO RELOC TO LETMY 253.61/5.56NM AND LETMY TO UCANE 253.39/1.91NM – ADDED AN INTERMEDIATE SDF/CAPTURE FIX.

5. NOTES: BARO-VNAV AND VDP NA NOTE: CHANGED REFERENCE TO SELAWIK TO WLK/PASK – CURRENT DOCUMENTATION STANDARDS.

6. NOTES: REMOVED CHART NOTE: BARO-VNAV NA , REPLACED WITH NOTE- BARO-VNAV AND VDP NA NOTE – CURRENT DOCUMENTATION STANDARDS.

7. MISSED APPROACH: CHANGED INSTRUCTION FORM "CLIMB TO 900 THEN CLIMBING LEFT TURN TO 2900 DIRECT KOBXU AND HOLD." TO CLIMB TO 900 THEN CLIMBING LEFT TURN TO 4000 DIRECT KOBXU AND HOLD CONTINUE TO CLIMB IN HOLD TO 4000. – INCREASED MISSED HOLD ALTITUDE TO MATCH ATC MVA ALTITUDE.

8. PROFILE LINE 2: CHANGED HIL MAX ALTITUDE FROM 6000 FT TO 10000 FT AND CHANGED COURSE INBOUND FROM 253.58 TO 235.61 – PER ATC REQUEST.

9. PROFILE LINE 3: CHANGED DISTANCE FAF TO MAP AND FAF TO THLD FROM 8.55 NM TO 8.54 NM- UPDATED AIRNAV SURVEY DATA.

10. PROFILE LINE 4: ADDED LETMY 3300 MIN ALTITUDE – ADDED INTERMEDIATE SDF.

11. PROFILE LINE 3: FAC CHANGED FROM 253.29 TO 253.28 – PFAF FIX MOVED 79.7198 FEET WEST NORTH-WEST.

12. PROFILE LINE 5: 275 HAT DISTANCE CHANGED FROM 0.77 NM TO 0.84 NM – UPDATED TARGETS CALCULATED LOCATION.

13. ADDITIONAL FLIGHT DATA: ADDED CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). – TCH CHANGED FROM 30 FT TO 35 FT FOR MINIMUM TCH HEIGHT.

14. ADDITIONAL FLIGHT DATA: REMOVED *LNAV ONLY – NO LONGER DOCUMENTED.

15. ADDITIONAL FLIGHT DATA: CHANGED FAS OBST FROM 1250 AAO 665948N/1600636W TO 1277 AAO 665951N/1600630W - NEW OBSTACLE SURVEY.

16. NOTES: MOVED AND UPDATED THE BACK-UP ALTIMETER NOTE FROM GENERAL REMARKS TO NOTES: FPT REQUESTED DUE TO THE INABILITY TO KNOW IF A WEATHER REPORTING SYSTEM GOES DOWN.

17. MINIMUMS: ADDED ALTERNATE MINIMUMS CAT A, B 1600-2, CAT C, D 1600-3- NA WHEN LOCAL WEATHER NOT AVAILABLE - LOCAL WEATHER REPORTING MEETS REQUIREMENTS AS DETAILED IN THE .19J 8-6-10.

18. FAS DATA: CRC REMAINDER CHANGED FROM 974EE857 TO 6771A3D9: FPAP CHANGED FROM 665827.9275N/1602915.0810W TO 665828.1080N/1602914.7505W – TCH CHANGED FROM 30 FT TO 35 FT.

09/23/25: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 08/05/25.
1. REMOVED "CHART CIRCLING ICON" FROM ADDITIONAL FLIGHT DATA.

COORDINATED WITH:

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

OTHER: ZAN, ST AERO, AMGR.

FLIGHT CHECKED BY
ROBERT TAhte PERKINS

Digitally signed by
RAKE MCGRAW
Sep 25, 2025

OFFICE
FIOG

DATE
08/01/2025

DEVELOPED BY
JANTZEN TAYLOR

Digitally signed by
RAKE MCGRAW
Sep 25, 2025

OFFICE
AJV-A422

DATE
04/07/2025

APPROVED BY
RAKE MCGRAW

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RAKE MCGRAW
Sep 25, 2025

OFFICE
AJV-A422

DATE

TITLE
MANAGER

FAA Form 8260-3 (11/16) Supersedes Previous Edition

Electronic Version

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PAIK
RUNWAY	RW25
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	665835.9750N
LTP/FTP LONGITUDE	1602528.8920W
LTP/FTP ELLIPSOIDAL HEIGHT	+00480
FPAP LATITUDE	665828.1080N
FPAP LONGITUDE	1602914.7505W
THRESHOLD CROSSING HEIGHT (TCH)	00035.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	6771A3D9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00447
FPAP ORTHOMETRIC HEIGHT	+00447

