

**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> PAKN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 30	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> KING SALMON	<u>STATE</u> AK		
<u>AIRPORT ELEVATION</u> 73	<u>TDZE</u> 73	<u>SUPERSEDED</u> RNAV (GPS) RWY 30	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 02/25/2021	<u>MAG VAR</u> 11E	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 22 APRIL 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 211/30 CW 257/30	NOPT	GAKKE	IF/IAF	7000
2. 257/30 CW 336/30	NOPT	257/8 CW 336/8		7000
3. 257/8 CW 336/8	NOPT	GAKKE	IF/IAF	3700
4. 336/30 CW 031/30		GAKKE	IF/IAF	4000
5. 031/30 CW 121/30		HENAS	IAF	3200
6. 121/30 CW 211/30		ICADI	IAF	5000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
HENAS	IAF	GAKKE	NOPT	TF	FB	1.00	031.02	6.00	3200
ICADI	IAF	GAKKE	NOPT	TF	FB	1.00	211.25	7.05	3200
GAKKE	IF/IAF	FELUM		TF	FB	1.00	301.13	6.26	2200
FELUM	FAF	KUMBE/2.33 NM TO RW30		TF	FB	0.30	301.00	4.21	
KUMBE/2.33 NM TO RW30		RW30	MAP	TF	FO	0.30	301.00	2.33	
RW30	MAP	273 MSL		CA			301.00		
273 MSL		HEXES		DF	FB	1.00			
HEXES		EXIPE		TF	FB	1.00	254.44	9.06	
EXIPE		OLLER		TF	FO	1.00	173.20	10.59	3000

QUALITY
8
CHECKED

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW30

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT HEXES AND ON TRACK 254.44 TO EXIPE AND ON TRACK 173.20 TO OLLER AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD SE GAKKE, LT, 301.13	INBOUND, 3200 FT. IN LIEU OF PT (IAF), MAX 14000.				
3. FAC: 301.00	FAF: FELUM		DIST FAF TO MAP: 6.54	DIST FAF TO THLD: 6.54	
4. MIN ALT:	GAKKE 3200, FELUM 2200, KUMBE/2.33 NM TO RW30 860*				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.48	GS ANT:
6. MIN GP INCPT: 2200	GP ALT AT FAF :	FELUM 2200	OM:	MM:	IM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 45.0		
8. MSA FROM:					

PBN REQUIREMENTS NOTE:

RNP APCH-GPS

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°C.
CHART NOTE: WHEN CONTROL TOWER CLOSED, INCREASE LPV AND LNAV/VNAV VISIBILITY ALL CATS TO 1 SM.
CHART PLANVIEW NOTE: PROCEDURE NA FOR CAT E ARRIVALS AT HENAS AND ICADI.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: MAXIMUM HOLDING AIRSPEED AT OLLER 230 KIAS.
CHART CIRCLING ICON
510 AAO 583621N/1562749W
HOLD SW, RT, 034.82 INBOUND.
CHART FAS OBST: 100 TREE 584010N/1563739W.
CHART VDP AT 0.75 NM TO RW30*
*LNAV ONLY.
WAAS CHANNEL # 77908
REFERENCE PATH ID: W30A
LTP HAE: 35.5 M



MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT D 900-2 3/4, CAT E 900-3

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	273	3/4	200	273	3/4	200	273	3/4	200	273	3/4	200	273	3/4	200	
LNAV/VNAV DA	323	3/4	250	323	3/4	250	323	3/4	250	323	3/4	250	376	7/8	303	
LNAV MDA	360	1	287	360	1	287	360	1	287	360	1	287	360	1	287	
CIRCLING	580	1	507	580	1	507	580	1 1/2	507	900	2 3/4	827	960	3	887	

CHANGES - REASONS

- TAA - SECTOR 1 CHANGED FROM 212/30 CW 257/30 (7000) TO 211/30 CW 257/30 (7000) - CORRECTION FROM PREVIOUS AMENDMENED TAA UPDATE
 - PBN REQUIREMENTS NOTE - ADDED "GPS" TO RNP APCH - 8260.19I PARA 8-6-8, B2

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: AK AERO, ZAN, PAKN ATCT, AIRPORT MANAGER

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
 FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

AJV-A423

DATE

02/09/2021

Digitally signed by
ALLAN WILL
 Feb 19, 2021

DEVELOPED BY

JOSEPH BLANCO *Digitally signed by*
JOSEPH A BLANCO
 Feb 10, 2021

OFFICE

AJV-A420

DATE

Digitally signed by
ALLAN WILL
 Feb 19, 2021

APPROVED BY

MARLON ROBINSON

TITLE
 MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PAKN
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	584003.6800N
LTP/FTP LONGITUDE	1563747.6300W
LTP/FTP ELLIPSOIDAL HEIGHT	+00355
FPAP LATITUDE	584102.9885N
FPAP LONGITUDE	1563954.7415W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0040
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	ED125C22

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00224
FPAP ORTHOMETRIC HEIGHT	+00224

