

**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><b>AIRPORT ID</b></u> PAKN	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) RWY 12	<u><b>ORIGINAL/AMENDMENT</b></u> 2A	<u><b>CITY</b></u> KING SALMON	<u><b>STATE</b></u> AK		
<u><b>AIRPORT ELEVATION</b></u> 73	<u><b>TDZE</b></u> 62	<u><b>SUPERSEDED</b></u> RNAV (GPS) RWY 12	<u><b>ORIGINAL/AMENDMENT</b></u> 2	<u><b>DATED</b></u> 02/25/2021	<u><b>MAG VAR</b></u> 11E	<u><b>EPOCH YEAR</b></u> 2025
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 22 APRIL 2021	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>		

**TAA**

<b>FROM</b>	<b>FIX TYPE</b>	<b>TO</b>	<b>FIX TYPE</b>	<b>ALTITUDE</b>
1. 031/30 CW 211/30	NOPT	DUPYA	IF/IAF	2000
2. 211/30 CW 301/30		FOMUT	IAF	5000
3. 301/30 CW 031/30		EXIPE	IAF	3200

**TERMINAL ROUTES**

<b>FROM</b>	<b>FIX TYPE</b>	<b>TO</b>	<b>FIX TYPE</b>	<b>LEG TYPE</b>	<b>FO/FB</b>	<b>RNP</b>	<b>COURSE</b>	<b>DISTANCE</b>	<b>ALTITUDE</b>
EXIPE	IAF	DUPYA	NOPT	TF	FB	1.00	030.59	6.56	2000
FOMUT	IAF	DUPYA	NOPT	TF	FB	1.00	210.82	6.00	2000
DUPYA	IF/IAF	HEXES		TF	FB	1.00	120.71	6.25	1700
HEXES	FAF	LODKE/2.21 NM TO RW12		TF	FB	0.30	120.74	2.76	
LODKE/2.21 NM TO RW12		RW12	MAP	TF	FO	0.30	120.74	2.21	
RW12	MAP	262 MSL		CA			120.74		
262 MSL		FELUM		DF	FB	1.00			
FELUM		JUTAN		TF	FB	1.00	210.74	7.87	
JUTAN		OLLER		TF	FO	1.00	271.94	14.69	3000

QUALITY  
8  
CHECKED

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW12

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 DIRECT FELUM AND ON TRACK 210.74 TO JUTAN AND ON TRACK 271.94 TO OLLER AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD NW DUPYA, RT, 120.71 INBOUND, 2000 FT. IN LIEU OF PT (IF/IAF), MAX 14000.					
3. FAC:	120.74	FAF: HEXES	DIST FAF TO MAP: 4.98	DIST FAF TO THLD: 4.98	
4. MIN ALT: DUPYA 2000, HEXES 1700, LODKE/2.21 NM TO RW12 820*					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.46	GS ANT:
6. MIN GP INCPT: 1700	GP ALT AT FAF :	HEXES 1700	OM:	MM:	IM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 55.0		
8. MSA FROM:					

**PBN REQUIREMENTS NOTE:**

RNP APCH-GPS.

**NOTES:**

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -18°C OR ABOVE 54°C.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV CAT E VISIBILITY TO RVR 4000, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 5000 AND INCREASE LNAV CAT E VISIBILITY TO 1 3/8 SM.  
CHART NOTE: \*\*RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA (NA WHEN CONTROL TOWER CLOSED).  
CHART NOTE: WHEN CONTROL TOWER CLOSED, LPV, LNAV/VNAV AND LNAV VISIBILITY RVR 5000.  
CHART NOTE: WHEN CONTROL TOWER CLOSED, INOPERATIVE TABLE DOES NOT APPLY TO LPV, LNAV/VNAV AND LNAV CATS A/B.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR CAT E ARRIVALS AT EXIPE AND FOMUT.

**ADDITIONAL FLIGHT DATA:**

CHART IN PLANVIEW: MAXIMUM HOLDING AIRSPEED AT OLLER 230 KIAS.  
CHART CIRCLING ICON  
407 AAO 584536N/1564536W  
HOLD SW, RT, 034.82 INBOUND.  
CHART FAS OBST: 265 TOWER 584146N/1564002W.  
CHART VDP AT 1.22 NM TO RW12\*  
\*LNAV ONLY.  
WAAS CHANNEL # 72608  
REFERENCE PATH ID: W12A  
LTP HAE: 31.4 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**	262	2400	200	262	2400	200	262	2400	200	262	2400	200	262	2400	200
LNAV/VNAV DA	426	3500	364	426	3500	364	426	3500	364	426	3500	364	426	3500	364
LNAV MDA	520	2400	458	520	2400	458	520	4500	458	520	4500	458	520	4500	458
CIRCLING	580	1	507	580	1	507	580	1 1/2	507	900	2 3/4	827	960	3	887

**CHANGES - REASONS**

- PBN REQUIREMENTS NOTE - ADDED "GPS" TO RNP APCH - 8260.19I PARA 8-6-8, B2

- ADDED \*\* TO LPV LINE OF MINIMA TO CORRELATE TO THE RVR 1800 NOTE - CORRECTION FROM PREVIOUS AMENDMENT

**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**DEVELOPED BY**

Digitally signed by

JOSEPH BLANCO **JOSEPH A BLANCO**

Feb 10, 2021

**APPROVED BY**

MARLON ROBINSON

**OFFICE****OFFICE**

AJV-A423

**OFFICE**

AJV-A420

**DATE****DATE**

02/09/2021

**DATE**

Digitally signed by

**ALLAN WILL**

Feb 19, 2021

Digitally signed by

**ALLAN WILL**

Feb 19, 2021

**TITLE**  
MANAGERQUALITY  
8  
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PAKN
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	584102.1840N
LTP/FTP LONGITUDE	1563953.0150W
LTP/FTP ELLIPSOIDAL HEIGHT	+00314
FPAP LATITUDE	584002.8745N
FPAP LONGITUDE	1563745.9050W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
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	51CB2D66

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00183
FPAP ORTHOMETRIC HEIGHT	+00183

