

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

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> ILS Y OR LOC Y RWY 12	<u>ORIGINAL/AMENDMENT</u> 19	<u>CITY</u> KING SALMON	<u>STATE</u> AK		
<u>AIRPORT ELEVATION</u> 73	<u>TDZE</u> 62	<u>SUPERSEDED</u> ILS OR LOC RWY 12	<u>ORIGINAL/AMENDMENT</u> 18B	<u>DATED</u> 10/12/2017	<u>MAG VAR</u> 11E	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> I-AKN	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 FEBRUARY 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
OSKOE/AKN 10.00 DME CCW	IAF	ZAMOM/AKN 10.00 DME	NOPT				10.00 DME ARC		2400
ZAMOM/AKN 10.00 DME CCW	IAF	NIRRI/I-AKN 15.27 DME	NOPT				10.00 DME ARC (AKN LR-308)		2000
NOGAE/AKN 10.00 DME CW	IAF	YEYYU/AKN 10.00 DME	NOPT				10.00 DME ARC		2000
YEYYU/AKN 10.00 DME CW	IAF	NIRRI/I-AKN 15.27 DME	NOPT				10.00 DME ARC (AKN LR-284)		2000
NIRRI/I-AKN 15.27 DME	IF	KINGE/I-AKN 6.56 DME					120.84	8.71	1700

MISSED APPROACH

MAP:

ILS: DA
LOC: I-AKN 1.61 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 240 AND AKN VORTAC R-210 TO OLLER/15.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT AUB NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000 (ADF REQUIRED).



PROFILE:

1. PT L SIDE OF COURSE 295.84 OUTBOUND 2000 FT WITHIN 15 MILES OF AKN VORTAC (IAF)
 2.
 3. FAC: 120.84 FAF: KINGE/I-AKN 6.56 DME DIST FAF TO MAP: DIST FAF TO THLD: 4.94
 4. MIN ALT: KINGE/I-AKN 6.56 DME 1700, ZOPUB/I-AKN 2.98 DME 560*
 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 1239
 6. MIN GS INCPT: 1700 GS ALT AT FAF: KINGE/I-AKN 6.56 DME 1700 OM: MM: IM:
 7. GP ANGLE: 3.00 34:1: 20:1: TCH: 65.7
 8. MSA FROM: AKN VORTAC 4000

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 700.
 CHART PROFILE NOTE: USE I-AKN DME WHEN ON THE LOCALIZER COURSE.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 12 CAT E VISIBILITY TO RVR 4000.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 12 CATS C-E VISIBILITY TO RVR 5500.
 CHART NOTE: WHEN CONTROL TOWER CLOSED: INCREASE S-ILS 12 AND S-LOC 12 VISIBILITIES TO RVR 5000 ALL CATS.
 CHART NOTE: WHEN CONTROL TOWER CLOSED, INOPERATIVE TABLE DOES NOT APPLY.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW AUB NDB, RT 121.00 INBOUND.
 CHART IN PLANVIEW: MAXIMUM HOLDING AIRSPEED AT OLLER 230 KIAS.
 *LOC ONLY.
 HOLD SW, RT, 030.11 INBOUND.
 CHART FAS OBST: 156 TOWER 584150N/1564215W.
 349 AAO 584442N/1564657W.
 CHART AKN R-052 AT OSKOE.
 CHART AKN R-026 AT ZAMOM.
 CHART AKN R-210 AT NOGAE.
 CHART AKN R-271 AT YEYYU.

MINIMUMS:

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

ALTERNATE: NA ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED; LOC: STANDARD - NA WHEN CONTROL TOWER CLOSED.

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
S-ILS 12	262	2400	200	262	2400	200	262	2400	200	262	2400	200	262	2400	200
S-LOC 12	420	2400	358	420	2400	358	420	3000	358	420	3000	358	420	3000	358



CHANGES - REASONS

1. INCORPORATED CHANGES FROM PREVIOUS P-NOTAMS INTO THE FORM.
2. CHANGED MAGVAR FROM 16E TO 11E - EPOC YR 2025 (11E).
3. CHANGED FAC FROM 115.84 TO 120.84 - MAGVAR UPDATE.
4. CHANGED PRIMARY MISSED APPROACH FROM "CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT KING SALMON VORTAC AND HOLD. (TACAN AIRCRAFT CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 240 AND AKN VORTAC R-210 TO OLLER/15.00 DME AND HOLD SW, RT, 030.11 INBOUND)" TO "CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 240 AND AKN VORTAC R-210 TO OLLER/15.00 DME AND HOLD SW, RT, 030.11 INBOUND - ATC REQUESTS.
5. CHANGED "CHART FAS OBS: 109 POLE 584127N/1564026W" TO "CHART FAS OBST: 156 TOWER 584150N/1564215W" - NEW FINAL OBSTACLE.
6. REMOVED CIRCLING MINIMUMS - ATC REQUESTS.
7. CHANGED S-LOC MINS FROM "MDA/HAT 360/298" TO "420/358" - NEW FINAL OBSTACLE (NOTAM 0/7934).
8. CHANGED S-LOC VISIBILITY ALL CATS FROM 1/2 SM TO "CAT A/B RVR 2400 AND CATS C/D/E RVR 3000 - VISCHECK CALC.
9. CHANGED APPROACH NAME FROM ILS OR LOC RWY 12 TO ILS Y OR LOC Y RWY 12 - MULTIPLE APPROACHES.
10. MOVED DME REQUIREMENTS NOTE TO EQUIPMENT REQUIREMENTS NOTE.
11. ADDED NOTE: "CHART NOTE: WHEN CONTROL TOWER CLOSED: INCREASE S-ILS 12 AND S-LOC 12 VISIBILITIES TO RVR 5000 ALL CATS - 8260.3D TABLE 3-3-6 NOTE 1.
12. CHANGED S-ILS VISIBILITY ALL CATS FROM 1/2 SM TO ALL CATS RVR 2400 - VISVHECK CALC.
13. THE VDP IS NOT PUBLISHABLE: VDP LOCATED WITHIN 0.5 NM FROM FINAL FIX - IAW 8260.3 2-6-5 A.(5).
14. CHANGED ALTERNATE MISSED HOLDING INBOUND CRS FROM 116.00 TO 121.00 - MAGVAR CHANGE.
15. CHANGED "CHART NOTE: FOR INOPERATIVE ALSF, INCREASE S-ILS 12 CAT E VISIBILITY TO 3/4 MILE" TO "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 12 CAT E VISIBILITY TO RVR 4000" - 8260.19H, O. (3). (D).
16. CHANGED "CHART NOTE: FOR INOPERATIVE ALSF, INCREASE S-LOC CATS C-E VISIBILITY TO 1 MILE" TO "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 12 CATS C-E VISIBILITY TO RVR 5500" - 8260.19H, O. (3). (D).
17. ADDED: CHART NOTE: WHEN CONTROL TOWER CLOSED, INOPERATIVE TABLE DOES NOT APPLY - VISCHECK DATA.

11/23/20: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 07/06/20.

1. CHANGED PROCEDURE NAME FROM "ILS OR LOC Y RWY 12" TO "ILS Y OR LOC Y RWY 12".
2. UPDATED CHANGES - REASON #4 MISSED APPROACH INSTRUCTIONS FROM OLLER/AKN 15.00 DME TO OLLER/15.00 DME.
3. UPDATED CHANGES - REASONS #9 APPROACH NAME FROM ILS OR LOC Y RWY 12 TO ILS Y OR LOC Y RWY 12.
4. UPDATED TERMINAL ROUTE #2 ZAMOM/AKN 10.00 DME CCW FROM A SDF ARC TO AN IAF ARC.
5. UPDATED TERMINAL ROUTE #4 YEYYU/AKN 10.00 DME CW FROM A SDF ARC TO AN IAF ARC.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** PAKN TWR, WST, AMGR, ZAN, AK AERO.

FLIGHT CHECKED BY

SUSANNA TALLEY ROBERTS

Digitally signed by

ALLAN WILL

OFFICE

FIOG

DATE

11/12/2020

Jan 12, 2021

Digitally signed by

ALLAN WILL

OFFICE

AJV-A423

DATE

07/06/2020

Jan 12, 2021

APPROVED BY

MARLON ROBINSON

Digitally signed by

ALLAN WILL

OFFICE

AJV-A420

DATE

Jan 12, 2021

TITLE
MANAGER

