

**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> PAFA	<u>PROCEDURE NAME</u> ILS OR LOC RWY 2L ILS RWY 2L (SA CAT I), ILS RWY 2L (CAT II), ILS RWY 2L (CAT III)		<u>ORIGINAL/AMENDMENT</u> 11	<u>CITY</u> FAIRBANKS	<u>STATE</u> AK	
<u>AIRPORT ELEVATION</u> 439	<u>TDZE</u> 439	<u>SUPERSEDED</u> ILS OR LOC RWY 2L ILS RWY 2L (SA CAT I), ILS RWY 2L (CAT II), ILS RWY 2L (CAT III)	<u>ORIGINAL/AMENDMENT</u> 10C	<u>DATED</u> 08/12/2021	<u>MAG VAR</u> 15E	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> I-CNA	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 OCTOBER 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
GLOWS	IAF	CILAX/I-CNA 17.02 DME		TF	FB	1.00	346.93	10.19	2600
CILAX/I-CNA 17.02 DME	IF	CACHE INT/I-CNA 7.02 DME					023.04	10.00 (I-CNA)	2100

MISSED APPROACH

MAP:

ILS: DA
LOC: I-CNA 1.98 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 900 THEN CLIMBING RIGHT TURN TO 5000 ON HEADING 170 AND FAI VORTAC R-107 TO KRNL/FAI 13.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1100 THEN CLIMBING RIGHT TURN TO 4000 DIRECT CUN NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000 (ADF REQUIRED).

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT CILAX
3. FAC: 023.04 FAF: CACHE INT/I-CNA 7.02 DME DIST FAF TO MAP: DIST FAF TO THLD:
4. MIN ALT: CILAX/I-CNA 17.02 DME 2600, CACHE INT/I-CNA 7.02 DME 2100, WOBEM INT/I-CNA 3.28 DME 900
5. DIST TO THLD FROM OM: MM: IM: 984 100 HAT: 897 150 HAT: 1850 GS ANT: 1050
6. MIN GS INCPT: 2100 GS ALT AT PFAF: CACHE INT/I-CNA 7.02 DME 2100 OM: MM: IM: 544
7. GS ANGLE: 3.00 34:1: 20:1: TCH: 55.9
8. MSA FROM: FAI VORTAC 4400



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

EQUIPMENT REQUIREMENTS NOTE:

DME REQUIRED.

NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 2L: CAT A, B, C, D, RA 139, RVR 1400, HAT 150, DA 589 MSL.
CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 2L: CAT A, B, C, D, RA 104, RVR 1200, HAT 100, DA 539 MSL.
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 2L: CAT A, B, C, D, RVR 600
CHART NOTE: CIRCLING NA W OF RWY 2L-20R.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING NA TO RWYS 2W AND 20W.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL.
CAT II CHART NOTE: RVR 1000 AUTHORIZED WITH SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 2L CAT E VISIBILITY TO RVR 4000 AND S-LOC 2L CAT C/D/E VISIBILITY TO RVR 5500.
CHART SPEED ICON IN PLANVIEW AT GLOWS: MAX 240 KIAS.

ADDITIONAL FLIGHT DATA:

CHART MANDATORY 5000 AT GLOWS.
HOLD E, RT, 286.67 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E CUN NDB, LT, 251.97 INBOUND.
CHART FAS OBST: 535 TREE (02-123759) 644735N/1475418W.
CHART IN PLANVIEW: CUN NDB.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT E 800-2 1/4

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-ILS 02L	639	1800	200	639	1800	200	639	1800	200	639	1800	200	639	1800	200
S-LOC 02L	800	2400	361	800	2400	361	800	3500	361	800	3500	361	800	3500	361
CIRCLING	880	1	441	900	1	461	900	1 1/2	461	1020	2	581	1060	2 1/4	621



AIRPORT ID
PAFA

PROCEDURE NAME
ILS OR LOC RWY 2L
ILS RWY 2L (SA CAT I),
ILS RWY 2L (CAT II),
ILS RWY 2L (CAT III)

ORIGINAL/AMENDMENT
11

CITY
FAIRBANKS

STATE
AK

CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED FEEDER SEGMENTS FAI VORTAC TO CACHE AND CUN NDB TO CACHE - ATC REQUEST.
2. TERMINAL ROUTES: REMOVED IAF SEGMENT GLOWS INT TO CILAX AND REPLACED WITH RNAV SEGMENT GLOWS TO CILAX TF FB 1.00 346.93 10.19 2600 - ATC REQUEST.
3. TERMINAL ROUTES: SEGMENT CILAX TO CACHE CHANGED FROM "CILAX/I-CNA 17.28 DME IF CACHE INT/I-CNA 7.02 DME 023.05 10.25 (I-CNA) 2100" TO "CILAX/I-CNA 17.02 DME IF CACHE INT/I-CNA 7.02 DME 023.04 10.00(I-CNA) 2100" - ATC REQUEST/FIX CILAX MOVED AND IS USED AS A WP/RUNWAY DATA UPDATED.
4. PROFILE LINE 2: ADDED "PROFILE STARTS AT CILAX" - SINGLE INTERMEDIATE FIX/DELETED PROCEDURE TURN.
5. PROFILE LINE 3: CHANGED FAC FROM 023.05 TO 023.04 - RUNWAY DATA UPDATED.
6. PROFILE LINE 4: MIN ALT CHANGED FROM "CACHE INT/I-CNA 7.02 DME 2100, WOBEM INT/I-CNA 3.28 DME 900" TO "CILAX/I-CNA 17.02 DME 2600, CACHE INT/I-CNA 7.02 DME 2100, WOBEM INT/I-CNA 3.28 DME 900" - CILAX IN PROFILE VIEW AND ASTERISK NO LONGER A REQUIREMENT FOR LOC ONLY.
7. PROFILE LINE 5: DIST TO THLD FROM IM CHANGED FROM 984 TO 985 - THRESHOLD LOCATION RE-EVALUATED AND MOVED SLIGHTLY.
8. PROFILE LINE 8: MSA CHANGED FROM "FAI VORTAC 4500" TO "FAI VORTAC 4400" - NEW CONTROLLING OBSTACLE.
9. EQUIPMENT REQUIREMENTS NOTES: ADDED DME REQUIRED - ADDED RNAV IAF AND REMOVED ALL PROCEDURE TURNS FOR ENTRY.
10. PBN REQUIREMENTS NOTE: REMOVED "RADAR REQUIRED FOR PROCEDURE ENTRY" AND ADDED "RNP APCH - GPS" - REMOVED IAF AT CHENA NDB AND ADDED RNAV GPS IAF AT GLOWS.
11. NOTES: REMOVED "**LOC" - NO LONGER REQUIRED BY CRITERIA.
12. NOTES: ADDED "CHART SPEED ICON IN PLANVIEW AT GLOWS: MAX 240 KIAS" - NEW RNAV SPEED RESTRICTION TO MATCH LIBER STAR.
13. ADDITIONAL FLIGHT DATA: ADDED "CHART MANDATORY 5000 AT GLOWS" - ATC REQUEST/TO MATCH LIBER STAR.
14. ADDITIONAL FLIGHT DATA: REMOVED "CHART MAXIMUM 6000 AT CACHE", REMOVED "CHART 3000 PRIOR TO CACHE IN PROFILE" - REMOVED PT TURNS FROM FAI VORTAC AND CUN NDB - ATC REQUEST.
15. ADDITIONAL FLIGHT DATA: CHANGED FAS OBSTACLE FROM "535 TREE (PFAIT000632) 644735N/1475417W" TO "535 TREE (02-123759) 644735N/1475418W" - NEW OBSTACLE SURVEY NUMBER.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAN, FAI APP CON, FAI ATCT, FAI AMGR, AK AERO

FLIGHT CHECKED BY

JEREMY C. LEIGHTON

Digitally signed by

CASIMIR L TABAKA

Aug 08, 2023

OFFICE

FPO

DATE

07/27/23

DEVELOPED BY

APRIL SARMENTO

Digitally signed by

APRIL T SARMENTO

May 11, 2023

OFFICE

AJV-A432

DATE

05/11/2023

APPROVED BY

CASIMIR TABAKA

Digitally signed by

CASIMIR L TABAKA

Aug 08, 2023

OFFICE

AJV-A432

DATE

TITLE
MANAGER