

**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> PANC	<u>PROCEDURE NAME</u> ILS OR LOC RWY 7L ILS RWY 7L (SA CAT I), ILS RWY 7L (SA CAT II)	<u>ORIGINAL/AMENDMENT</u> 5	<u>CITY</u> ANCHORAGE	<u>STATE</u> AK		
<u>AIRPORT ELEVATION</u> 151	<u>TDZE</u> 128	<u>SUPERSEDED</u> ILS OR LOC RWY 7L ILS RWY 7L (SA CAT I), ILS RWY 7L (SA CAT II)	<u>ORIGINAL/AMENDMENT</u> 4	<u>DATED</u> 10/10/2019	<u>MAG VAR</u> 16E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-TGN	<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**

<b><u>FROM</u></b>	<b><u>FIX TYPE</u></b>	<b><u>TO</u></b>	<b><u>FIX TYPE</u></b>	<b><u>LEG TYPE</u></b>	<b><u>FO/FB</u></b>	<b><u>RNP</u></b>	<b><u>COURSE</u></b>	<b><u>DISTANCE</u></b>	<b><u>ALTITUDE</u></b>
ENA VOR/DME	IAF	AINKK/I-TGN 16.82 DME	NOPT				011.38	38.72 (TED LR-246)	2000
AINKK/I-TGN 16.82 DME	IF	WUGSI/I-TGN 11.97 DME					073.88	4.86 (I-TGN)	1600
WUGSI/I-TGN 11.97 DME		WEBBI/I-TGN 6.37 DME					073.88	5.60 (I-TGN)	1600

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: I-TGN 1.92 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 230 AND TED VOR/DME R-210 TO JUKEP/TED 15.00 DME AND HOLD.  
(TACAN AIRCRAFT CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 230 AND EDF TACAN R-210 TO JUKEP/EDF 22.63 DME AND HOLD; HOLDING, NE JUKEP/EDF 22.63 DME, RT, 209.63 INBOUND).

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 230 AND ENA VOR/DME COURSE 028 TO JUKEP/ENA 34.18 DME AND HOLD.



**AIRPORT ID**  
PANC

**PROCEDURE NAME**  
ILS OR LOC RWY 7L  
ILS RWY 7L (SA CAT I),  
ILS RWY 7L (SA CAT II)

**ORIGINAL/AMENDMENT**  
5

**CITY**  
ANCHORAGE

**STATE**  
AK

**PROFILE:**

1. PT                      SIDE OF COURSE                      OUTBOUND                      FT WITHIN                      MILES OF                      (IAF)

2. PROFILE STARTS AT AINKK

3. **FAC:** 073.88                      **FAF:** WEBBI/I-TGN 6.37 DME                      **DIST FAF TO MAP:**                      **DIST FAF TO THLD:** 4.46

4. **MIN ALT:** AINKK/I-TGN 16.82 DME 2000, WUGSI/I-TGN 11.97 DME 1600, WEBBI/I-TGN 6.37 DME 1600

5. **DIST TO THLD FROM OM:**                      **MM:**                      **IM:**                      **100 HAT:** 893.00                      **150 HAT:** 1847                      **GS ANT:** 1000

6. **MIN GS INCPT:** 1600                      **GS ALT AT PFAF :** WEBBI/I-TGN 6.37 DME 1600                      **OM:**                      **MM:**                      **IM:**

7. **GS ANGLE:** 3.00                      **34:1:**                      **20:1:**                      **TCH:** 53.5

8. **MSA FROM:** TED VOR/DME 021-181 8900, 181-276 1800, 276-021 5600

**EQUIPMENT REQUIREMENTS NOTE:**

DME REQUIRED.

**NOTES:**

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 7L: CAT A, B, C, D, RA 158, RVR 1400, HAT 150, DA 278 MSL.  
SA CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 7L: CAT A, B, C, D, RA 108, RVR 1200, HAT 100, DA 228 MSL.  
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL.  
SA CAT II CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ENA VOR/DME AIRWAY RADIALS 028 CW 048.  
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 7L CAT E VISIBILITY TO RVR 4000, S-LOC 7L CATS C, D AND E VISIBILITY TO RVR 5500.

**ADDITIONAL FLIGHT DATA:**

HOLD NE, RT, 209.95 INBOUND.  
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE JUKEP/ENA 34.18 DME, RT, 207.87 INBOUND.  
CHART FAS OBST: 196 TREE (02-035282) 610956N/1500304W.  
CHART 225 TRANSMISSION\_LINE 610953N/1501042W.  
CHART VDP AT 2.88 DME.  
DISTANCE VDP TO THLD 0.97 NM.  
CHART IN PLANVIEW: JUKEP/ENA 34.18 DME.  
CHART AT OR BELOW 3300 AND AT OR ABOVE 1600 AT WUGSI.  
CHART CIRCLING ICON.



**AIRPORT ID**  
PANC

**PROCEDURE NAME**  
ILS OR LOC RWY 7L  
ILS RWY 7L (SA CAT I),  
ILS RWY 7L (SA CAT II)

**ORIGINAL/AMENDMENT**  
5

**CITY**  
ANCHORAGE

**STATE**  
AK

**MINIMUMS:**

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

**ALTERNATE:** NA ☐ ILS: STANDARD; LOC: STANDARD - CAT D 800-2 1/2, CAT E 800-2 3/4

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>
S-ILS 07L	328	1800	200	328	1800	200	328	1800	200	328	1800	200	328	1800	200
S-LOC 07L	500	2400	372	500	2400	372	500	3000	372	500	3000	372	500	3000	372
CIRCLING	700	1	549	700	1	549	800	1 3/4	649	920	2 1/2	769	920	2 3/4	769

**CHANGES - REASONS**

1. UPDATED ADDITIONAL FLIGHT DATA NOTE CHART VDP FROM "2.76 DME" TO "2.88 DME" - NEW TECHNOLOGY CALCULATIONS.
2. UPDATED ADDITIONAL FLIGHT DATA NOTE DISTANCE VDP TO THLD FROM "0.85 NM" TO "0.97 NM" - NEW TECHNOLOGY CALCULATIONS.
3. CHANGED ADDITIONAL FLIGHT DATA NOTE FROM "CHART AT OR BELOW 3000 AND AT OR ABOVE 1600 AT WUGSI" TO "CHART AT OR BELOW 3300 AND AT OR ABOVE 1600 AT WUGSI." - ATC REQUESTED FOR FLOW OF TRAFFIC.
4. CHANGED SA CAT I CHART NOTE FROM "SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH" TO "SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL" - IAW 8260.19 PARA 8-6-11 M NOTE.
5. CHANGED SA CAT II CHART NOTE FROM "SA CAT II CHART NOTE: REQUIRES SPECIFIC OPSEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH" TO "SA CAT II CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL" - IAW 8260.19 PARA 8-6-11 M NOTE.
6. ADDITIONAL FLIGHT DATA NOTE: UPDATED 7:1 OBSTACLE FROM "394 AAO 610945N/1501042W" TO "CHART 225 TRANSMISSION LINE 610953N/1501042W." - NEW EVALUATION.
7. UPDATED PROFILE LINE 4 FROM "AINKK/I-TGN 16.83 DME 2000, WUGSI/I-TGN 11.97 DME AT OR BELOW 3000 AND AT OR ABOVE 1600, WEBBI/I-TGN 6.37 DME 1600" TO "AINKK/I-TGN 16.82 DME 2000, WUGSI/I-TGN 11.97 DME 1600, WEBBI/I-TGN 6.37 DME 1600" - SIAP AND CRITERIA SHOWS ONLY MINIMUM ALTITUDES AT FIX.

**COORDINATED WITH:**

**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAN, AMGR, ALASKA DOT, ANC APP CON, ANC ATCT.

**FLIGHT CHECKED BY**

MATTHEW R BUFORD

*Digitally signed by*  
**CASIMIR L TABAKA**

Jul 13, 2023

**OFFICE**

FPO

**DATE**

07/10/2023

**DEVELOPED BY**

CHRISTOPHER SCHONES

*Digitally signed by*  
**CHRISTOPHER SCHONES**

May 30, 2023

**OFFICE**

AJV-A432

**DATE**

03/30/2023

**APPROVED BY**

CASIMIR TABAKA

*Digitally signed by*  
**CASIMIR L TABAKA**

Jun 05, 2023

**OFFICE**

AJV-A432

**DATE**

08/10/2023

**TITLE**  
MANAGER

