

**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</u> TED STEVENS ANCHORAGE INTL	<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> 4	<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SUPERSEDED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> 3C	<u>DATED</u> 02/01/2018	<u>MAG VAR</u> 16E
<u>FACILITY</u> I-TGN	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 OCTOBER 2019	<u>REQUIRED EFFECTIVE DATE</u> 10/10/2019	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

TERMINAL ROUTES THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 19-21.

<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>
ENA VOR/DME	IAF	AINKK/I-TGN 16.83 DME	NOPT				011.38	38.72 (TED LR-246)	2000
AINKK/I-TGN 16.83 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.

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT AINKK
- FAC: 073.88 FAF: WEBBI/I-TGN 6.37 DME DIST FAF TO MAP: DIST FAF TO THLD: 4.46
- MIN ALT: 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
- DIST TO THLD FROM OM: MM: IM: 100 HAT: 893 150 HAT: 1847 GS ANT: 1000
- MIN GS INCPT: 1600 GS ALT AT FAF: WEBBI/I-TGN 6.37 DME 1600 OM: MM: IM:
- GP ANGLE: 3.00 34:1: 20:1: TCH: 53.5
- MSA FROM: TED VOR/DME 021-181 8900, 181-276 1800, 276-021 5600

QUALITY
13
CHECKED

EQUIPMENT REQUIREMENTS NOTES:

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.
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}).
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.
SA CAT II CHART NOTE: REDUCED LIGHTING: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.
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:

394 AAO 610945N/1501042W
CHART CIRCLING ICON.
CHART IN PLANVIEW: JUKEP/ENA 34.18 DME
CHART AT OR BELOW 3000 AND AT OR ABOVE 1600 AT WUGSI.
CHART VDP AT 2.76 DME*
DISTANCE VDP TO THLD 0.85 NM
* LOC ONLY
CHART FAS OBST: 196 TREE 610956N/1500304W.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE JUKEP/ENA 34.18 DME, RT, 207.87 INBOUND.
HOLD NE, RT, 209.95 INBOUND

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, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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
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	3500	372	500	3500	372	500	3500	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. ADDED BLOCK ALTITUDE (BETWEEN 1600 FT AND 3000 FT) IN INTERMEDIATE SEGMENT - ATC REQUEST TO MITIGATE WAKE TURBULENCE ISSUES.
- 2. ADDED “AINKK 2000” AND “WUGSI AT OR BELOW 3000 AND AT OR ABOVE 1600” TO THE PRINTED MINIMUM ALTITUDES IN THE PROFILE - IAW 8260.19H.
- 3. ADDED INTERMEDIATE STEPDOWN FIX WUGSI - FIX REQUESTED BY ATC TO FACILITATE ADDITION OF BLOCK ALTITUDE.
- 4. REMOVED PROCEDURE TURN - FPT APPROVED REMOVAL TO MAINTAIN PREFERRED LOCATION OF INTERMEDIATE STEP DOWN FIX.
- 5. REMOVED FEEDER ROUTE - ATC REQUESTED REMOVAL OF PROCEDURE TURN AND PRECEDING SEGMENT.
- 6. ADDED TACAN MISSED APPROACH - ATC REQUEST.
- 7. ADDED ALTERNATE MISSED APPROACH - ATC REQUEST.
- 8. CHANGED MISSED APPROACH HOLDING ALTITUDE AT JUKEP FROM 2500 TO 3000 - ATC REQUEST.
- 9. CHANGED LOC CATS C/D/E VISIBILITY FROM 2400 TO 3500 - APPLIED NEW INOP TABLE.
- 10. MOVED "CHART NOTE: DME REQUIRED" TO EQUIPMENT REQUIREMENT NOTES - IAW 8260.19H.
- 11. DELETED CHART PROFILE NOTE: PROCEDURE TURN NA FOR CAT E AIRCRAFT - PROCEDURE TURN REMOVED.
- 12. CIRCLING CAT C CMDA/VIS/HAA CHANGED FROM 700/1 1/2/549 TO 800/1 3/4/649 AND CAT D CMDA/VIS/HAA CHANGED FROM 800/2/649 TO 920/2 1/2/769 - NEW CONTROLLING OBSTACLES, APPLIED EXPANDED CIRCLING CRITERIA.
- 13. ADDED PROFILE STARTS AT AINKK - IAW 8260.19H.
- 14. ADDED “NA WHEN LOCAL WEATHER NOT AVAILABLE” NOTE - IAW 8260.19H.
- 15. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ENA VOR/DME AIRWAY RADIALS 028 CW 048 - RESTRICTED TO PROHIBIT TURNS OF MORE THAN 120 DEGREES IAW 8260.3D.
- 16. ADDED NOTE CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - INCORPORATED FDC 9/0903.
- 17. CHART CIRCLING ICON - APPLIED EXPANDED CIRCLING.

08/30/19: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 8/19/19.

1. CHANGED TACAN MISSED APPROACH INSTRUCTIONS FROM (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) TO (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).

COORDINATED WITH:

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

FLIGHT CHECKED BY	<i>Digitally signed by</i>	OFFICE	DATE
PENDING	DAVID DANNER		
	Sep 03, 2019		

DEVELOPED BY	<i>Digitally signed by</i>	OFFICE	DATE
DAVID DANNER (TAYLOR GIBSON)	DAVID DANNER	AJV-A421	06/03/2019

APPROVED BY	<i>Digitally signed by</i>	OFFICE	DATE	TITLE
MARLON ROBINSON	DAVID DANNER	AJV-A420		MANAGER
	Sep 03, 2019			

