

**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 7R ILS RWY 7R (SA CAT I), ILS RWY 7R (CAT II), ILS RWY 7R (CAT III)	<u>ORIGINAL/AMENDMENT</u> 5	<u>CITY</u> ANCHORAGE	<u>STATE</u> AK		
<u>AIRPORT ELEVATION</u> 151	<u>TDZE</u> 07R 132 07L 128	<u>SUPERSEDED</u> ILS OR LOC RWY 7R ILS RWY 7R (SA CAT I), ILS RWY 7R (CAT II), ILS RWY 7R (CAT III)	<u>ORIGINAL/AMENDMENT</u> 4A	<u>DATED</u> 12/02/2021	<u>MAG VAR</u> 16E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-ANC	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<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
ENA VOR/DME	IAF	ELIAS INT/I-ANC 18.62 DME					008.23	37.36 (TED LR-246)	2000
ELIAS INT/I-ANC 18.62 DME	IF	WEWWO/I-ANC 12.37 DME					073.85	6.25 (I-ANC)	1600
WEWWO/I-ANC 12.37 DME		TULLI/I-ANC 6.67 DME					073.85	5.70 (I-ANC)	1600

MISSED APPROACH

MAP:

ILS: DA
 LOC: I-ANC 2.23 DME
 LOC: RW07L

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 780 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 230 AND ON TED VOR/DME R-210 TO JUKEP/TED 15.00 DME AND HOLD.
 (TACAN AIRCRAFT CLIMB TO 780 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 230 AND EDF TACAN R-210 TO JUKEP/EDF 22.63 DME AND HOLD; HOLDING, NE, RT, 209.63 INBOUND).

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 780 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 230 AND ENA VOR/DME R-028 TO JUKEP/ENA 34.18 DME AND HOLD.



AIRPORT ID
PANC

PROCEDURE NAME
ILS OR LOC RWY 7R
ILS RWY 7R (SA CAT I),
ILS RWY 7R (CAT II),
ILS RWY 7R (CAT III)

ORIGINAL/AMENDMENT
5

CITY
ANCHORAGE

STATE
AK

PROFILE:

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

2. PROFILE STARTS AT ELIAS

3. **FAC:** 073.85 **FAF:** TULLI/I-ANC 6.67 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:** 4.44

4. **MIN ALT:** ELIAS INT/I-ANC 18.62 DME 2000, WEWWO/I-ANC 12.37 DME 1600, TULLI/I-ANC 6.67 DME 1600, WIVDA/I-ANC 4.83 DME 1000

5. **DIST TO THLD FROM OM:** **MM:** **IM:** **100 HAT:** 862.00 **150 HAT:** 1817.00 **GS ANT:** 1074

6. **MIN GS INCPT:** 1600 **GS ALT AT PFAF :** TULLI/I-ANC 6.67 DME 1600 **OM:** **MM:** **IM:**

7. **GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 54.8

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 7R: CAT A, B, C, D, RA 245, RVR 1400, HAT 150, DA 282 MSL.
 CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 7R: CAT A, B, C, D, RA 115, RVR 1200, HAT 100, DA 232 MSL.
 CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 7R: CAT A, B, C, D, RVR 600
 CAT II RVR 1000 CHART NOTE: RVR 1000 AUTHORIZED WITH SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.
 SA CAT I 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 7R CAT E VISIBILITY TO RVR 4000, S-LOC 7R CAT E VISIBILITY TO RVR 6000, AND SIDESTEP RWY 7L CAT E VISIBILTY TO 2 SM.
 CHART NOTE: RWY 7L THRESHOLD 6140 FT E OF RWY 7R THRESHOLD.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: ENA VOR/DME 37.36 DME AT ELIAS.
 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.
 410 AAO 611012N/1501242W.
 CHART VDP AT 3.22 DME.
 DISTANCE VDP TO THLD 0.99 NM.
 CHART IN PLANVIEW: JUKEP/ENA 34.18 DME.
 CHART AT OR BELOW 3300 AND AT OR ABOVE 1600 AT WEWWO.
 CHART CIRCLING ICON.



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

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 07R	332	1800	200	332	1800	200	332	1800	200	332	1800	200	332	1800	200
S-LOC 07R	520	2400	388	520	2400	388	520	3500	388	520	3500	388	520	3500	388
SIDESTEP 7L	520	5500	392	520	5500	392	520	5500	392	520	1 1/2	392	520	1 1/2	392
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 "3.23 DME" TO "3.22 DME" - NEW TECHNOLOGY CALCULATIONS.
2. UPDATED ADDITIONAL FLIGHT DATA NOTE DISTANCE VDP TO THLD FROM "1.00 NM" TO "0.99 NM" - NEW TECHNOLOGY CALCULATIONS.
3. ADDED ADDITIONAL FLIGHT DATA NOTE "CHART AT OR BELOW 3300 AND AT OR ABOVE 1600 AT WEWWO." - ATC REQUESTED FOR FLOW OF TRAFFIC.
4. UPDATED SA CAT I CHART NOTE FROM " SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, 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. UPDATED CAT II CHART NOTE FROM "CAT II CHART NOTE: RVR 1000 AUTHORIZED WITH SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN." TO "CAT II RVR 1000 CHART NOTE: RVR 1000 AUTHORIZED WITH SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN." - IAW 8260.19 PARA 8-6-11 M NOTE.
6. UPDATED CHART FAS OBSTACLE FROM "CHART FAS OBST: 227 TREE (02-034975) 610955N/1500240W." TO "CHART FAS OBST: 196 TREE (02-035282) 610956N/1500304W." - NEW TARGET EVALUATION.
7. UPDATED INOPERATIVE ALS NOTE FROM "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 7R CAT E VISIBILITY TO RVR 4000, AND S-LOC 7R CAT E VISIBILITY TO RVR 6000." TO "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 7R CAT E VISIBILITY TO RVR 4000, S-LOC 7R CAT E VISIBILITY TO RVR 6000, AND SIDESTEP RWY 7L CAT E VISIBILITY TO 2 SM." - USED TARGETS VISIBILITY CALCULATOR.
8. UPDATED 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 II CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL" - IAW 8260.19 PARA 8-6-11 M NOTE.
9. PRIMARY AND ALTERNATE MISSED APPROACH INITIAL CLIMB ALTITUDE CHANGED FROM "600" TO "780." - INCREASED ALTITUDE TO AVOID THE NEED FOR CLIMB IN HOLDING.

COORDINATED WITH:

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

FLIGHT CHECKED BY
MATTHEW R BUFORD

OFFICE
FPO

DATE
07/10/2023

DEVELOPED BY
CHRISTOPHER SCHONES

Digitally signed by
CHRISTOPHER SCHONES
Jun 02, 2023

OFFICE
AJV-A432

DATE
03/31/2023

APPROVED BY
CASIMIR TABAKA

Digitally signed by
CASIMIR L TABAKA
Jun 05, 2023

OFFICE
AJV-A432

DATE
08/10/2023

TITLE
MANAGER



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

AIRPORT ID PANC	PROCEDURE NAME ILS OR LOC RWY 7R ILS RWY 7R (SA CAT I), ILS RWY 7R (CAT II), ILS RWY 7R (CAT III)	AMDT NO. 5	CITY ANCHORAGE	STATE AK	AIRPORT ELEVATION 151	FACILITY I-ANC
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM ENA VOR/DME **TO** ELIAS INT/I-ANC 18.62 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
37.36

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	604812.00N/1505042.00W	555	164	98	4E	1000				AT445	2000
TERRAIN	064812.00N/1505042.00W	354 (400)								AS1500	1900

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM ELIAS INT/I-ANC 18.62 DME **TO** WEWWO/I-ANC 12.37 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
6.25

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
SHIP	611354.00N/1503736.00W	200	164	98	4E	500				AT802 AC98	1600
TERRAIN	611354.00N/1503736.00W	0 (0)								AS1500	1500

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID

PANC

PROCEDURE NAME

ILS OR LOC RWY 7R
 ILS RWY 7R (SA CAT I),
 ILS RWY 7R (CAT II),
 ILS RWY 7R (CAT III)

AMDT NO.

5

CITY

ANCHORAGE

STATE

AK

AIRPORT ELEVATION

151

FACILITY

I-ANC

INTERMEDIATE: STEPDOWN

FROM
 WEWWO/I-ANC 12.37 DME

TO
 TULLI/I-ANC 6.67 DME

RNP	DISTANCE 5.70	PAT	MAP	HAT	HMAS
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	610921.00N/1501342.00W	430	164	98	4E	500				AC98 AT572	1600
TERRAIN	610921.00N/1501342.00W	229 (200)								AS1000	1200

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

FINAL: ILS

FROM
 TULLI/I-ANC 6.67 DME

TO
 RW07R

RNP	DISTANCE 6.67	PAT	MAP DA	HAT 200	HMAS
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				332

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



AIRPORT ID
PANC

PROCEDURE NAME
ILS OR LOC RWY 7R
ILS RWY 7R (SA CAT I),
ILS RWY 7R (CAT II),
ILS RWY 7R (CAT III)

AMDT NO.
5

CITY
ANCHORAGE

STATE
AK

AIRPORT ELEVATION
151

FACILITY
I-ANC

FINAL: LOC

FROM
TULLI/I-ANC 6.67 DME

TO
WIVDA/I-ANC 4.83 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
 1.84

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	610945.00N/1501042.00W	394	164	98	4E	250				AC98 DG258	1000

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

FINAL: LOC STEPDOWN

FROM
WIVDA/I-ANC 4.83 DME

TO
I-ANC 2.23 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
 2.60 I-ANC 2.23 DME 388

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (02-035282)	610956.49N/1500303.63W	196	20	3	1A	250				MA54 XP20	520

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

XP=20 TO RETAIN MINIMUMS



AIRPORT ID
PANC

PROCEDURE NAME
ILS OR LOC RWY 7R
ILS RWY 7R (SA CAT I),
ILS RWY 7R (CAT II),
ILS RWY 7R (CAT III)

AMDT NO.
5

CITY
ANCHORAGE

STATE
AK

AIRPORT ELEVATION
151

FACILITY
I-ANC

FINAL: LOC SIDESTEP/STEPDOWN

FROM
WIVDA/I-ANC 4.83 DME

TO
RW07L

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
RW07L 392

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (02-035282)	610956.49N/1500303.63W	196	20	3	1A	250				XP74	520

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:
XP=74 TO RETAIN MINIMUMS.
MISSED APPROACH : ILS

FROM
DA

TO
JUKEP/TED 15.00 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
164

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
AAO	610618.00N/1494718.00W	886	164	98	4E	1000					1900
TERRAIN	610618.00N/1494718.00W	685 (700)								AS1500	2200

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:



AIRPORT ID
PANC

PROCEDURE NAME
ILS OR LOC RWY 7R
ILS RWY 7R (SA CAT I),
ILS RWY 7R (CAT II),
ILS RWY 7R (CAT III)

AMDT NO.
5

CITY
ANCHORAGE

STATE
AK

AIRPORT ELEVATION
151

FACILITY
I-ANC

MISSED APPROACH : ILS CAT II

FROM
DA **TO**
JUKEP/TED 15.00 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
AAO	610618.00N/1494718.00W	886	164	98	4E	1000					1900
TERRAIN	610618.00N/1494718.00W	685 (700)								AS1500	2200

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

MISSED APPROACH : LOC

FROM
I-ANC 2.23 DME **TO**
JUKEP/TED 15.00 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
270

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (02-249506)	610949.46N/1500201.44W	290	20	3	1A		ASC				3000
AAO	610618.00N/1494718.00W	886	164	98	4E	1000					1900
TERRAIN	610618.00N/1494718.00W	685 (700)								AS1500	2200

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:



AIRPORT ID
PANC

PROCEDURE NAME
ILS OR LOC RWY 7R
ILS RWY 7R (SA CAT I),
ILS RWY 7R (CAT II),
ILS RWY 7R (CAT III)

AMDT NO.
5

CITY
ANCHORAGE

STATE
AK

AIRPORT ELEVATION
151

FACILITY
I-ANC

MISSED APPROACH : LOC

FROM
RW07L

TO
JUKEP/TED 15.00 DME

RNP DISTANCE PAT MAP HAT HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (02-249506)	610949.46N/1500201.44W	290	20	3	1A		ASC				3000
AAO	610618.00N/1494718.00W	886	164	98	4E	1000					1900
TERRAIN	610618.00N/1494718.00W	685 (700)								AS1500	2200

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

TACAN AIRCRAFT : ILS

FROM
DA

TO
JUKEP/EDF 22.63 DME

RNP DISTANCE PAT MAP HAT HMAS
164

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
AAO	610618.00N/1494718.00W	886	164	98	4E	1000					1900
TERRAIN	610618.00N/1494718.00W	685 (700)								AS1500	2200

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
PANC

PROCEDURE NAME
ILS OR LOC RWY 7R
ILS RWY 7R (SA CAT I),
ILS RWY 7R (CAT II),
ILS RWY 7R (CAT III)

AMDT NO.
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CITY
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AIRPORT ELEVATION
151

FACILITY
I-ANC

TACAN AIRCRAFT : ILS CAT II

FROM
DA **TO**
JUKEP/EDF 22.63 DME

RNP DISTANCE PAT MAP HAT HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
AAO	610618.00N/1494718.00W	886	164	98	4E	1000					1900
TERRAIN	610618.00N/1494718.00W	685 (700)								AS1500	2200

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

TACAN AIRCRAFT : LOC

FROM
I-ANC 2.23 DME **TO**
JUKEP/EDF 22.63 DME

RNP DISTANCE PAT MAP HAT HMAS
270

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (02-249506)	610949.46N/1500201.44W	290	20	3	1A		ASC				3000
AAO	610618.00N/1494718.00W	886	164	98	4E	1000					1900
TERRAIN	610618.00N/1494718.00W	685 (700)								AS1500	2200

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
PANC

PROCEDURE NAME
ILS OR LOC RWY 7R
ILS RWY 7R (SA CAT I),
ILS RWY 7R (CAT II),
ILS RWY 7R (CAT III)

AMDT NO.
5

CITY
ANCHORAGE

STATE
AK

AIRPORT ELEVATION
151

FACILITY
I-ANC

TACAN AIRCRAFT : LOC

FROM
RW07L **TO**
JUKEP/EDF 22.63 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (02-249506)	610949.46N/1500201.44W	290	20	3	1A		ASC				3000
AAO	610618.00N/1494718.00W	886	164	98	4E	1000					1900
TERRAIN	610618.00N/1494718.00W	685 (700)								AS1500	2200

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

MISSED APPROACH ALTERNATE : ILS

FROM
DA **TO**
JUKEP/ENA 34.18 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
164

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
AAO	610618.00N/1494718.00W	886	164	98	4E	1000					1900
TERRAIN	610618.00N/1494718.00W	685 (700)								AS1500	2200

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:



AIRPORT ID
PANC

PROCEDURE NAME
ILS OR LOC RWY 7R
ILS RWY 7R (SA CAT I),
ILS RWY 7R (CAT II),
ILS RWY 7R (CAT III)

AMDT NO.
5

CITY
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AIRPORT ELEVATION
151

FACILITY
I-ANC

MISSED APPROACH ALTERNATE : ILS CAT II

FROM
DA **TO**
JUKEP/ENA 34.18 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
AAO	610618.00N/1494718.00W	886	164	98	4E	1000					1900
TERRAIN	610618.00N/1494718.00W	685 (700)								AS1500	2200

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

MISSED APPROACH ALTERNATE : LOC

FROM
I-ANC 2.23 DME **TO**
JUKEP/ENA 34.18 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
270

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (02-249506)	610949.46N/1500201.44W	290	20	3	1A		ASC				3000
AAO	610618.00N/1494718.00W	886	164	98	4E	1000					1900
TERRAIN	610618.00N/1494718.00W	685 (700)								AS1500	2200

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:



AIRPORT ID
PANC

PROCEDURE NAME
ILS OR LOC RWY 7R
ILS RWY 7R (SA CAT I),
ILS RWY 7R (CAT II),
ILS RWY 7R (CAT III)

AMDT NO.
5

CITY
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MISSED APPROACH ALTERNATE : LOC

FROM
RW07L **TO**
JUKEP/ENA 34.18 DME

RNP DISTANCE PAT MAP HAT HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (02-249506)	610949.46N/1500201.44W	290	20	3	1A		ASC				3000
AAO	610618.00N/1494718.00W	886	164	98	4E	1000					1900
TERRAIN	610618.00N/1494718.00W	685 (700)								AS1500	2200

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING ALL CATS CAT A CAT B CAT C CAT D CAT E NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
WATER_TOWER (02-195400)	610923.50N/1500224.40W	1.30	549	393	50	20	2C	300			700
CATEGORY B											
TOWER (02-020476)	610833.91N/1500105.84W	1.81	549	397	20	3	1A	300			700
CATEGORY C											
TOWER (02-000020)	611131.48N/1495408.53W	2.84	649	495	20	3	1A	300			800
CATEGORY D											
TOWER (02-000076)	610956.08N/1494943.14W	3.71	769	557	50	50	2D	300		AC50	920
CATEGORY E											
TOWER (02-000076)	610956.08N/1494943.14W	4.64	769	557	50	50	2D	300		AC50	920

CIRCLING REMARKS:



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MSA

CENTER
TED VOR/DME

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
021-181	AAO	611427.00N/1490206.00W	064	27.2	7684	164	98	4E	1000		XP216	8900
181-276	AAO	612357.00N/1504648.00W	283	27.5	709	164	98	4E	1000			1800
276-021	AAO	612821.00N/1504412.00W	292	29.0	4531	164	98	4E	1000			5600

MSA REMARKS:

XP 216 = RETAIN EXISTING MSA.

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



AIRPORT ID
PANC

PROCEDURE NAME
ILS OR LOC RWY 7R
ILS RWY 7R (SA CAT I),
ILS RWY 7R (CAT II),
ILS RWY 7R (CAT III)

AMDT NO.
5

CITY
ANCHORAGE

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AIRPORT ELEVATION
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PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZAN ARTCC, ANC APP CON, ANC TOWER

WX SERVICE
ASOS

LOCATION
PANC

HRS OPERATION
24

ALTIMETER SOURCE
PANC

DISTANCE
0

SERVICE-A
Y

ADJUSTMENTS
0

BACK-UP WX SERVICE

LOCATION

HRS OPERATION

ALTIMETER SOURCE

DISTANCE

SERVICE-A

ADJUSTMENTS

WX REMARKS:

BACKUP ALTIMETER NOT PUBLISHED, REDUNDANT WEATHER SOURCES AVAILABLE.

PRIMARY NAVAID
I-ANC

MONITOR POINT
ANC ACTC

HRS OPERATION
24

CAT
1

APPROACH AND RUNWAY LIGHTING SYSTEM

RUNWAY MARKINGS

RUNWAY VISUAL RANGE

RW07L - TDZ, MALSR, HIRL, C/LINE, PAPI-4R

PIR-G

APPROACH, ROLL OUT

RW07R - TDZ, ALSF-2, HIRL, C/LINE, PAPI-4R, TAXI WAY

PIR-G

APPROACH, MIDPOINT, ROLL OUT

RW15 - MALSF, HIRL, C/LINE, PAPI-4R

PIR-G

APPROACH, MIDPOINT, ROLL OUT

RW25L - HIRL, C/LINE, PAPI-4L

PIR-G

APPROACH, MIDPOINT, ROLL OUT

RW25R - HIRL, C/LINE, PAPI-4L

PIR-G

APPROACH, ROLL OUT

RW33 - HIRL, REIL, C/LINE, PAPI-4R

PIR-G

APPROACH, MIDPOINT, ROLL OUT

GLIDESLOPE ANGLE
3.00

ELEV RWY THRESHOLD
131.7

TCH
54.8

ELEV GS ANTENNA
124.9

DISTANCE FROM RWY
1074

VGSI ANGLE
3.00

TCH
71.5

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD

FT FROM THRESHOLD

DISPLACED THRESHOLD DISTANCE

ON CENTERLINE

FT FROM CENTERLINE

CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:



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"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	CIRCLING RWY 33
20:1	
124 NAVAID (02-020544) 611017.26N/1495959.42W (0.31)	
Final Type	CIRCLING RWY 7L
20:1	
131 NAVAID (02-020574) 611011.13N/1500034.24W (3)	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
VEGETATION HEIGHT: 100 FT
FIXED BY FUNCTION PER FPT: 124 NAVAID (02-020544) AND 131 NAVAID (02-020574).
ORDER 8260.3 CHAPTER 2 APPLIED TO 410 AAO 611012.00N/1501242.00W.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



AIRPORT ID
PANC

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ILS RWY 7R (SA CAT I),
ILS RWY 7R (CAT II),
ILS RWY 7R (CAT III)

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PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.18
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.91
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	89.85
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	200
DISTANCE FROM	THLD	TO 1500FT POINT	13.79
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	89.85
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	200

THRESHOLD COORDINATES (IF STR-IN) 611004.12N/1500234.34W

ARP COORDINATES 611026.71N/1495953.30W

RUNWAY APCH END AND DIST FURTHEST FROM ARP RUNWAY 15 DISTANCE 1.63 NM

FAF COORDINATES 611003.11N/1501144.18W

FIX NAME COORDINATES

REMARKS



AIRPORT ID
PANC

PROCEDURE NAME
ILS OR LOC RWY 7R
ILS RWY 7R (SA CAT I),
ILS RWY 7R (CAT II),
ILS RWY 7R (CAT III)

AMDT NO.
5

CITY
ANCHORAGE

STATE
AK

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FACILITY
I-ANC

PART E: PREPARED BY

NAME
CHRISTOPHER SCHONES

OFFICE
AJV-A432

DATE
03/31/2023

TITLE
AERONAUTICAL INFORMATION SPECIALIST

