

**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>		<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>
TED STEVENS ANCHORAGE INTL		PANC	ILS RWY 15	7	ANCHORAGE	AK
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
151	151	ILS RWY 15	6E	07/19/2018	16E	2020
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
I-BSC		10 OCTOBER 2019	10/10/2019			

**TERMINAL ROUTES**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
ELLAM/TED 22.00 DME CCW	IAF	PEPVE/TED 22.00 DME					22.00 DME ARC		6400
PEPVE/TED 22.00 DME CCW		YOHNN/I-BSC 21.79 DME/RADAR					22.00 DME ARC (TED LR-330)		3300
IVANN/TED 22.00 DME CW	IAF	YOHNN/I-BSC 21.79 DME/RADAR					22.00 DME ARC (TED LR-319)		3300
BGQ VORTAC	IAF	CARDD/I-BSC 13.21 DME/RADAR					181.39	12.27	3000
YOHNN/I-BSC 21.79 DME/RADAR	IAF	CARDD/I-BSC 13.21 DME/RADAR					148.87	8.58 (I-BSC)	3000
CARDD/I-BSC 13.21 DME/RADAR	IF	KANSY/I-BSC 6.16 DME/RADAR	PFAF				148.87	7.05 (I-BSC)	1600

**MISSED APPROACH**

**MAP:**

ILS: DA

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 200 AND TED VOR/DME R-210 TO JUKEP/TED 15.00 DME AND HOLD.  
(TACAN AIRCRAFT CLIMB TO 800 THEN CLIMBING RIGHT TURN 3000 ON HEADING 200 AND ON EDF TACAN R-210 TO JUKEP/EDF 22.63 DME AND HOLD).

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

CLIMB TO 800 THEN CLIMBING RIGHT TURN 3000 ON HEADING 200 AND ON ENA VOR/DME R-028 TO JUKEP/ENA 34.18 DME AND HOLD.



PROFILE:

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

2. PROFILE STARTS AT CARDD

3. FAC: 148.87      PFAF: KANSY/I-BSC 6.16 DME/RADAR      DIST PFAF TO MAP:      DIST PFAF TO THLD:

4. MIN ALT:      CARDD/I-BSC 13.21 DME/RADAR 3000, KANSY/I-BSC 6.16 DME/RADAR 1600

5. DIST TO THLD FROM OM: 4.09      MM:      IM:      150 HAT:      GS ANT: 1176

6. MIN GS INCPT: 1600      GS ALT AT PFAF : KANSY/I-BSC 6.16 DME/RADAR 1600      OM:      MM:      IM:

7. GP ANGLE: 3.20      34:1:      20:1:      TCH: 60.0

8. MSA FROM:      TED VOR/DME 021-181 8700, 181-276 1800, 276-021 5600

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BGQ VORTAC ON V438-456 NORTHBOUND AND T227 NORTHEAST BOUND.  
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART PROFILE NOTE: USE I-BSC DME WHEN ON THE LOCALIZER COURSE.

ADDITIONAL FLIGHT DATA:

CHART: R2203  
CHART IN PLANVIEW: TACAN MA HOLDING, NE JUKEP/EDF 22.63 DME, RT, 209.63 INBOUND.  
CHART IN PLANVIEW: JUKEP/EDF 22.63 DME.  
CHART IN PLANVIEW: CARDD/BGQ 12.27 DME.  
CHART TED R-037 AT ELLAM.  
CHART TED R-012 AT PEPVE.  
CHART TED R-288 AT IVANN.  
CHART IN PLANVIEW: JUKEP/ENA 34.18 DME.  
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

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 15	351	4000	200	351	4000	200	401	4000	250	401	4000	250			



**CHANGES - REASONS**

- 1. DISTANCE FROM PFAF TO THLD AND DIST TO THLD FROM OM CHANGED FROM 4.1 TO 4.09 - PFAF MOVED.
- 2. CHANGED LINE 3 FAC FROM 148.88 TO 148.87 - PFAF MOVED.
- 3. TCH CHANGED FROM 58 TO 60 - DESIGN TCH UPDATED IN AIRNAV.
- 4. CHANGED LINE 5 GS ANT FROM 1249 TO 1176 - NEW GLIDESLOPE LOCATION.
- 5. CHANGED LINE 8 MSA FROM "TED VOR/DME 021-181 8900, 181-276 1800, 276-021 5600" TO "TED VOR/DME 021-181 8700, 181-276 1800, 276-021 5600" - NEW CONTROLLING OBSTACLES.
- 6. TERMINAL ROUTES: CHANGED INTERMEDIATE FROM "KANSY/I-BSC 6.15 DME/RADAR" TO "KANSY/I-BSC 6.16 DME/RADAR" - NEW PFAF LOCATION.
- 7. ADDED CHART IN PLANVIEW: CARDD/BGQ 12.27 DME - BGQ VDME IS OUT OF THE LOC SERVICE VOLUME. ADDED BGQ TO FIX MAKEUP TO HELP PILOTS TRANSITION TO THE LOC.
- 8. CHANGED ALTITUDE FROM ELLAM TO PEPVE FROM 6300 TO 6400 - NEW CONTROLLING OBSTACLE.
- 9. CHANGED ALTITUDE FROM IVANN TO YOHNN FROM 3100 TO 3300 - NEW CONTROLLING OBSTACLE.
- 10. CHANGED ALTITUDE FROM PEPVE TO YOHNN FROM 3100 TO 3300 - MAINTAIN NEW REQUIRED ALTITUDE AT YOHNN.
- 11. CHANGED MISSED APPROACH ALTITUDE FROM 2500 TO 3000 - ATC REQUEST.
- 12. ADDED ALTERNATE MISSED APPROACH PROCEDURE "CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 200 AND ENA VOR/DME R-028 TO JUKEP/ENA 34.18 DME AND HOLD." AND HOLD NE, RT, 207.87 INBOUND - ATC REQUEST.
- 13. ADDED TACAN MISSED APPROACH "TACAN AIRCRAFT CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 200 AND EDF TACAN R-210 TO JUKEP/EDF 22.63 DME AND HOLD." AND HOLD NE, RT, 209.63 INBOUND - ATC REQUEST.
- 14. CHANGED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS AT BGW VORTAC ON V438-456 NORTHBOUND" TO "PROCEDURE NA FOR ARRIVALS AT BGQ VORTAC ON V438-456 NORTHBOUND AND T227 NORTHEAST BOUND" - CORRECTED TO AVOID ALL TURNS GREATER THAN 120 DEGREES.
- 15. REMOVED CHART NOTE "RWY 15 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED" - NO 20:1 OR 34:1 PENETRATIONS EXIST.
- 16. CHANGED NOTE FROM "...VGS1 AND DESCENT ANGLES..." TO "...VGS1 AND ILS GLIDEPATH..." - IAW 8260.19H.

**COORDINATED WITH:**

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

<b>FLIGHT CHECKED BY</b> PENDING	<i>Digitally signed by</i> <b>DAVID DANNER</b> Aug 09, 2019	<b>OFFICE</b>	<b>DATE</b>	
<b>DEVELOPED BY</b> DAVID DANNER (DALE SICKELS)	<i>Digitally signed by</i> <b>DAVID DANNER</b> Aug 09, 2019	<b>OFFICE</b> AJV-A421	<b>DATE</b> 04/04/2019	
<b>APPROVED BY</b> MARLON ROBINSON	<i>Digitally signed by</i> <b>DAVID DANNER</b> Aug 09, 2019	<b>OFFICE</b> AJV-A420	<b>DATE</b>	<b>TITLE</b> MANAGER

