

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> TRI-CITIES	<u>AIRPORT ID</u> KTRI	<u>PROCEDURE NAME</u> ILS OR LOC RWY 5	<u>ORIGINAL/AMENDMENT</u> 3D	<u>CITY</u> BRISTOL/JOHNSON/KINGSPORT	<u>STATE</u> TN	
<u>AIRPORT ELEVATION</u> 1519	<u>TDZE</u> 1498	<u>SUPERSEDED</u> ILS OR LOC RWY 5	<u>ORIGINAL/AMENDMENT</u> 3C	<u>DATED</u> 12/07/2017	<u>MAG VAR</u> 7W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-BON	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<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>

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.47 NM AFTER BOOIE LOM

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 THEN CLIMB TO 4800 DIRECT MOCCA LOM INT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4800.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT L SIDE OF COURSE 229.56 OUTBOUND 3600 FT WITHIN 10 MILES OF BOOIE LOM (IAF)
-
- FAC: 049.56 FAF: BOOIE LOM DIST FAF TO MAP: 5.47 DIST FAF TO THLD: 5.47
- MIN ALT: BOOIE LOM 3400
- DIST TO THLD FROM OM: 5.47 MM: IM: 150 HAT: GS ANT: 1107
- MIN GS INCPT: 3400 GS ALT AT FAF : OM: 3315 MM: IM:
- GP ANGLE: 3.00 34:1: 20:1: TCH: 58.3
- MSA FROM: BOOIE LOM 090-270 7500, 270-090 5700

EQUIPMENT REQUIREMENTS NOTES:

ADF REQUIRED.
RADAR REQUIRED FOR PROCEDURE ENTRY.



NOTES:

CHART NOTE: CIRCLING TO RWY 9 NA AT NIGHT.
CHART NOTE: CIRCLING NA NW OF RWYS 9 AND 23.
CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 2200.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: PROCEDURE NA WHEN CONTROL TOWER CLOSED.

ADDITIONAL FLIGHT DATA:

CHART: (CFRJJ) AT 361911.69N/0823502.41W
CHART: MAXIMUM ALTITUDE 6000 AT BOOIE LOM
CHART CIRCLING ICON.
FAS OBST: 1839 AAO 362431N/0822825W.
1899 AAO 362413N/0822827W.
HOLD NE, LT, 230.00 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT C 900-2 1/4, CAT D 1000-3, NA WHEN CONTROL TOWER CLOSED.

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 05	1698	4000	200	1698	4000	200	1698	4000	200	1698	4000	200			
S-LOC 05	2100	5500	602	2100	5500	602	2100	1 3/4	602	2100	1 3/4	602			
CIRCLING	2120	1	601	2180	1	661	2320	2 1/4	801	2500	3	981			

CHANGES - REASONS

1. REMOVED CHART NOTE: NIGHT LANDING: RWY 9,27 NA AND ADDED CIRCLING TO RWY 9 NA AT NIGHT. - NEW EVALUATION COMPLETED AND RWY 27 20:1 PENETRATIONS NO LONGER EXIST AND INCORPORATED NOTAM FDC 8/5152.
2. REMOVED CHART PLANVIEW NOTE: RADAR REQUIRED FROM ADDITIONAL FLIGHT DATA AND ADDED RADAR REQUIRED FOR PROCEDURE ENTRY IN EQUIPMENT REQUIREMENTS NOTE. - REFLECT CURRENT CRITERIA IAW 8260.19H 8-6-8.
3. CHANGED CHART NOTE: FROM CIRCLING NA NW OF RWY 9-23 TO CIRCLING NA NW OF RWY 9 AND 23. - REFLECT CURRENT CRITERIA 19H. 8-6-11. O(5) AND INCORPORATED NOTAM FDC 8/5152.
4. REMOVED CHART NOTE: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 NOT AUTHORIZED. - NEW EVALUATION COMPLETED AND 34:1 PENETRATIONS NO LONGER EXIST.
5. MOVED ALL BACK UP ALTIMETER NOTES TO BACK OF -9 FOR RECORD KEEPING. - KTRI IS ON WMSCR AND REQUESTED BY AIRPORT.
6. REMOVED CHART NOTE: ADF REQUIRED AND ADDED ADF REQUIRED IN EQUIPMENT REQUIREMENTS NOTE. - REFLECT CURRENT CRITERIA IAW 8260.19H 8-6-8.
7. INCREASED CIRCLING CAT C MDA FROM 2300 TO 2320 -MATCHED RNAV RWY 27 AND UPDATED CONTROLLING OBST MSL IAW 8260.19H 2-11-5.B.(3)(A).
8. REMOVED NA WHEN LOCAL WEATHER NOT AVAILABLE AND ADDED NA WHEN CONTROL TOWER CLOSED. - SECONDARY ALTIMETER NOTE MOVED TO -9 AND ILS UNMONITORED WHEN CONTROL TOWER CLOSED.
9. ADDED CHART NOTE: AUTO PILOT COUPLED APPROACH NA BELOW 2200. - REFLECT CURRENT AIRNAV DATA.



COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: TRI APCH, ZTL, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

DEVELOPED BY

CASIMIR L. TABAKA (ANDRE TUCKER)

Digitally signed by

CASIMIR L TABAKA

Apr 03, 2019

CASIMIR L TABAKA

Apr 03, 2019

OFFICE

AJV-A422

DATE

01/18/2019

APPROVED BY

MARLON ROBINSON

Digitally signed by

CASIMIR L TABAKA

Apr 03, 2019

OFFICE

AJV-A420

DATE

TITLE
MANAGER

