

**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> KBTV	<u>PROCEDURE NAME</u> ILS OR LOC RWY 15	<u>ORIGINAL/AMENDMENT</u> 25	<u>CITY</u> BURLINGTON	<u>STATE</u> VT		
<u>AIRPORT ELEVATION</u> 335	<u>TDZE</u> 326	<u>SUPERSEDED</u> ILS OR LOC RWY 15	<u>ORIGINAL/AMENDMENT</u> 24C	<u>DATED</u> 04/22/2021	<u>MAG VAR</u> 15W	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> I-BTV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 JANUARY 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 056/30 CW 236/30	NOPT	056/8 CW 236/8		6600
2. 056/8 CW 236/8		STAEV	IF/IAF	3200
3. 236/30 CW 326/30		236/10 CW 326/10		6100
4. 236/10 CW 326/10		WULEB	IAF	3200
5. 326/30 CW 056/30		326/11 CW 056/11		7100
6. 326/11 CW 056/11		YUNUD	IAF	4600

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
WULEB	IAF	STAEV/13.07 DME	NOPT	TF	FB	1.00	235.75	8.00	3200
YUNUD	IAF	STAEV/13.07 DME	NOPT	TF	FB	1.00	055.58	8.00	3200
STAEV/13.07 DME	IF/IAF	FOVES/6.62 DME/RADAR					145.67	6.45	2000

MISSED APPROACH

MAP:

ILS: DA

LOC: 5.16 NM AFTER FOVES/6.62 DME/RADAR OR AT 1.46 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 5600 DIRECT YUNUD AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5600.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
8
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD NW STAEV, RT, 145.81 INBOUND, 3200 FT. IN LIEU OF PT (IF/IAF), MAX 12000.

3. FAC: 145.81FAF: FOVES/6.62 DME/RADARDIST FAF TO MAP: 5.16DIST FAF TO THLD: 5.16

4. MIN ALT: STAEV/13.07 DME 3200, FOVES/6.62 DME/RADAR 2000

5. DIST TO THLD FROM OM:MM:IM:150 HAT:GS ANT: 848

6. MIN GS INCPT: 2000GS ALT AT PFAF : FOVES/6.62 DME/RADAR 2000OM:MM:IM:

7. GS ANGLE: 3.0034:1:20:1:TCH: 51.1

8. MSA FROM:

EQUIPMENT REQUIREMENTS NOTES:

RNP APCH - GPS.
DME OR RADAR REQUIRED FOR LOC ONLY.

NOTES:

CHART NOTE: RWY 15 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 15 ALL CATS VISIBILITY TO RVR 5500.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 15.

ADDITIONAL FLIGHT DATA:

CHART 4 NM ON OUTBOUND LEG OF HOLDING PATTERN AT STAEV.
HOLD SW, RT, 055.58 INBOUND.
FAS OBST: 440 AAO 443145N/0731404W.
CHART R-6501 A/B.
CHART VDP AT 2.53 DME.
DISTANCE VDP TO THLD 1.08 NM.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA

☐

ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT C 900-2 3/4, CAT D 1100-3, CAT E 1200-3, NA WHEN LOCAL WEATHER NOT AVAILABLE., 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 15	576	4000	250	576	4000	250	576	4000	250	576	4000	250	576	4000	250
S-LOC 15	700	4000	374	700	4000	374	700	4000	374	700	4000	374	700	4000	374
CIRCLING	840	1	505	860	1	525	1220	2 3/4	885	1400	3	1065	1460	3	1125



CHANGES - REASONS

1. CHANGED NOTE FROM "ADF OR RADAR REQUIRED FOR PROCEDURE ENTRY" TO "DME OR RADAR FOR LOC ONLY"- ADF NOT REQUIRED, PROCEDURE NO LONGER USES HERRO NDB. RADAR ADDED TO FAF FOVES. FAF IS DEFINED A RADAR & DME IAW 8260.191, 8-6-8, A (1) (C).
2. ADDED NOTE "RNP APCH - GPS" - PER 191 CRITERIA. TAA, IAF, IAF/IF, AND MISSED APPROACH ARE NOW BASED ON GPS.
3. REMOVED NOTE "CIRCLING RWY 1 NA AT NIGHT" - 20:1 IS CLEAR.
4. MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 3000 DIRECT BTV VOR/DME AND BTV VOR/DME R-202 TO WINLA INT/BTV 6.4 DME AND HOLD" TO READ "CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 5600 DIRECT YUNUD AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5600" - FPT/ATC REQUEST TO MIMIC BTV RNAV (GPS) RWY 15 MISSED.
5. REMOVED MSA - PER FPT CHECKLIST. PROCEDURE INTENDED TO COPY RNAV (GPS) RWY 15. TAA IS REPLACING THE MSA.
6. REMOVED ALTERNATE MISSED APPROACH INSTRUCTIONS - PER FPT CHECKLIST/ATC REQUEST. PROCEDURE INTENDED TO COPY RNAV (GPS) RWY 15, NO LONGER USING HERRO NDB.
7. REMOVED PROCEDURE TURN AT HERRO - PER FPT CHECKLIST/ATC REQUEST. PROCEDURE INTENDED TO COPY RNAV (GPS) RWY 15, INTERMEDIATE/HIL ADDED.
8. REMOVED CFBPD WAYPOINT FROM PROCEDURE TURN AND ADDITIONAL FLIGHT DATA TO "CHART IN PLANVIEW: (CFBPD) AT 443551.01N/0732119.79W" - PROCEDURE TURN REMOVED FROM APPROACH.
9. REMOVED FEEDER ROUTE FROM BTV TO HERRO NDB - PER FPT CHECKLIST/ATC REQUEST. PROCEDURE INTENDED TO COPY RNAV (GPS) RWY 15.
10. REMOVED FEEDER ROUTE FROM KEESE - PER FPT CHECKLIST/ATC REQUEST. PROCEDURE INTENDED TO COPY RNAV (GPS) RWY 15.
11. REMOVED PLAN VIEW NOTE "PROCEDURE NA FOR ARRIVALS AT BTV VOR/DME ON V487 SOUTHBOUND" - BTV NO LONGER UTILIZED ON PROCEDURE.
12. REMOVED NOTE "PROCEDURE TURN NA FOR CAT E" FROM PROFILE VIEW - PROCEDURE TURN REMOVED FROM APPROACH.
13. ADDED INTERMEDIATE SEGMENT AND HILPT AT STAEV - PER FPT CHECKLIST/ATC REQUEST. PROCEDURE INTENDED TO COPY RNAV (GPS) RWY 15.
14. ADDED TAA - PER FPT CHECKLIST/ATC CHECKLIST. PROCEDURE INTENDED TO COPY RNAV (GPS) RWY 15.
15. ADDED IAF AT WULEB AND YUNUD - PER FPT CHECKLIST/ATC REQUEST. PROCEDURE INTENDED TO COPY RNAV (GPS) RWY 15.
16. CIRCLING MDA CAT D CHANGED FROM 1380/HAA 1045 TO 1400/HAA 1065, CAT E CHANGED FROM 1480/HAA 1145 TO 1460/HAA 1125 - MAP STUDY IDENTIFIED NEW CONTROLLING OBSTACLE.
17. RADAR ADDED TO FAF FOVES - PER FPT/ATC REQUEST TO ALLOW NAVIGATION WITHOUT DME AND RETAIN TIME/DISTANCE TABLE.

COORDINATED WITH:

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

FLIGHT CHECKED BY

JAMES HAWLEY

*Digitally signed by***JASON KRETSCHMER**

Dec 19, 2022

OFFICE

FPO

DATE

12/15/2022

DEVELOPED BY

ALLAN WILL (TIMOTHY JOHNSON)

*Digitally signed by***Timothy Johnson**

Oct 06, 2022

OFFICE

AJV-A423

DATE

08/16/2022

APPROVED BY

MARLON ROBINSON

*Digitally signed by***JASON KRETSCHMER**

Dec 19, 2022

OFFICE

AJV-A420

DATE**TITLE**
MANAGER

QUALITY
8
CHECKED