

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**

TITLE 14 CFR PART 97.33

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> RNAV (GPS) RWY 15	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> BURLINGTON	<u>STATE</u> VT	
<u>AIRPORT ELEVATION</u> 335	<u>TDZE</u> 326	<u>SUPERSEDED</u> RNAV (GPS) RWY 15	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 11/08/2018	<u>MAG VAR</u> 15W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 7 OCTOBER 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2005

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	NOPT	TF	FB	1.00	235.75	8.00	3200
YUNUD	IAF	STAEV	NOPT	TF	FB	1.00	055.58	8.00	3200
STAEV	IF/IAF	FOVES		TF	FB	1.00	145.67	6.45	2000
FOVES	FAF	JUNEL/2.10 NM TO RW15		TF	FB	0.30	145.75	3.06	
JUNEL/2.10 NM TO RW15		RW15	MAP	TF	FO	0.30	145.75	2.10	
RW15	MAP	1000 MSL		CA			145.75		1000
1000 MSL		YUNUD		DF	FO	1.00			5600



MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW15

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:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD NW STAEV, RT, 145.67 INBOUND, 3200 FT. IN LIEU OF PT (IAF), MAX 12000.					
3. FAC: 145.75		FAF: FOVES		DIST FAF TO MAP: 5.16	DIST FAF TO THLD: 5.16
4. MIN ALT: STAEV 3200, FOVES 2000, JUNEL/2.10 NM TO RW15 1020					
5. DIST TO THLD FROM FAF: 5.16	MM:	IM:	150 HAT:	250 HAT: 0.69	GS ANT:
6. MIN GP INCPT: 2000	GP ALT AT FAF :	FOVES 2000		OM:	MM:
7. GP ANGLE: 3.00	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 51.1		IM:
8. MSA FROM:					

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING RWY 1 NA AT NIGHT.
CHART NOTE: RWY 15 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C OR ABOVE 54°C.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500 AND LNAV ALL CATS VISIBILITY TO RVR 5500.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 042.00 INBOUND.
CHART FAS OBST: 414 SPIRE (50-000067) 442948N/0731114W.
CHART 552 TOWER 442950N/0731249W.
CHART R6501A & R6501B.
CHART VDP AT 1.01 NM TO RW15.
WAAS CHANNEL # 72736
REFERENCE PATH ID: W15A
CHART CIRCLING ICON.
LTP HAE: 64.2 M



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

ALTERNATE: NA STANDARD - CAT C 900-2 3/4, CAT D 1100-3

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
LPV DA	576	4000	250	576	4000	250	576	4000	250	576	4000	250				
LNAV/VNAV DA	645	4000	319	645	4000	319	645	4000	319	645	4000	319				
LNAV MDA	680	4000	354	680	4000	354	680	4000	354	680	4000	354				
CIRCLING	840	1	505	860	1	525	1220	2 3/4	885	1380	3	1045				

CHANGES - REASONS

1. CHANGED LPV DA/HAT FROM 526/200 TO 576/250 - NEW CONTROLLING OBSTACLE (50-049912), CLEARS NOTAM 0/6212.
2. CHANGED CIRCLING CAT C MDA/HAA FROM 1200/865 TO 1220/885, VISIBILITY FROM 2 1/4 TO 2 3/4 - NEW CONTROLLING OBSTACLE (50-049912), CLEARS NOTAM 0/6212.
3. CHANGED NOTE 34:1 IS CLEAR TO 34:1 IS NOT CLEAR - 34:1 PENETRATING OBSTACLE (50-040012).
4. ADDED NOTE: RWY 15 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED - 34:1 PENETRATING OBSTACLE (50-040012), CLEARS NOTAM 0/6212.
5. CHANGED ADDITIONAL FLIGHT DATA NOTE FROM DISTANCE TO THLD FROM 200 HAT: 0.47 NM. TO DISTANCE TO THLD FROM 250 HAT: 0.69 NM - NEW LPV DA/HAT.
6. LPV VISIBILITY CHANGED FROM 2400 RVR TO 4000 RVR - NEW LPV DA/HAT, CLEARS NOTAM 0/6212.
7. LNAV/VNAV VISIBILITY CHANGED FROM 3000 RVR TO 4000 RVR - 34:1 PENETRATING OBSTACLE, CLEARS NOTAM 0/6212.
8. LNAV VISIBILITY CHANGED FROM 2400 RVR TO 4000 RVR - 34:1 PENETRATING OBSTACLE, CLEARS NOTAM 0/6212.
9. ADDED CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500 AND LNAV ALL CATS VISIBILITY TO RVR 5500 - VISIBILITY INCREASES DUE TO 34:1 PENETRATION.
10. ALTERNATE MINIMUMS CHANGED FROM STANDARD TO STANDARD - CAT C 900-2 3/4, CAT D 1100-3 - NEW CIRCLING MINIMA AND CRITERIA CLARIFICATION MEMO TO THE 8260-19I CHAP 8, 5.B.
11. ADDITIONAL FLIGHT DATA NOTE CHANGED FROM CHART 545 TOWER 442946N/0731247W TO CHART 552 TOWER 442950N/0731249 - UPDATE TO 7:1 EXCLUDED OBSTACLE 50-000056.
12. NOTE CHANGED FROM FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°C TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C OR ABOVE 54°C - CORRECTED ERROR ON PREVIOUS FORM
13. CRC REMAINDER CHANGED FROM 14ECA002 TO 644ADC20 - CHANGE IN LTP/FTP LONGITUDE.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZBW, BTV APP CON, BTV ATCT, AMGR, ST AERO, ATA

FLIGHT CHECKED BY

BOB S PRESSLER

Digitally signed by
DAVID TEFFETELLER
Aug 05, 2021

OFFICE

FICO

DATE

08/03/2021

DEVELOPED BY

FRANK MOORE

Digitally signed by
FRANK MOORE

Jun 22, 2021

OFFICE

AJV-A433

DATE

05/05/2021

APPROVED BY

LONNIE EVERHART

Digitally signed by
DAVID TEFFETELLER

Aug 05, 2021

OFFICE

AJV-A430

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBTV
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	442850.4280N
LTP/FTP LONGITUDE	0730957.1635W
LTP/FTP ELLIPSOIDAL HEIGHT	+00642
FPAP LATITUDE	442752.1835N
FPAP LONGITUDE	0730822.9995W
THRESHOLD CROSSING HEIGHT (TCH)	00051.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0216
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	644ADC20

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00931
FPAP ORTHOMETRIC HEIGHT	+00931