

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23**

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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
BTV	VOR RWY 1	1	BURLINGTON	VT	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
335	334	VOR RWY 1	11/08/2018	15W	2005
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	
BTV			ROUTINE		

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>
JRVIS/BTV 16.15 DME		BTV VOR/DME					216.00	16.15	3400

MISSED APPROACH

MAP:

OTYIJ/BTV 3.93 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 ON BTV VOR/DME R-036 TO JRVIS/BTV 16.15 DME AND HOLD, CONTINUE CLIMB-IN-HOLD 3500.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** R **SIDE OF COURSE** 216.00 **OUTBOUND** 3000 **FT WITHIN** 10 **MILES OF** BTV VOR/DME (IAF)

2.

3. **FAC:** 036.00 **FAF:** BTV VOR/DME **DIST FAF TO MAP:** **DIST FAF TO THLD:** 4.26

4. **MIN ALT:** BTV VOR/DME 2200

8. **MSA FROM:** BTV VOR/DME 270-360 4900, 360-270 5800

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: RWY 1 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 216.00 INBOUND.
CHART FAS OBST: 622 TOWER (50-021159) 442617N/0731038W.
FAC CROSSES RWY C/L EXTENDED 2265 FT FROM THLD.
CHART CIRCLING ICON.
BTV VOR/DME TO RW1: 4.00/40.

QUALITY
35
CHECKED

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

ALTERNATE: NA ☐ 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-01	880	1	546	880	1	546		NA			NA				
CIRCLING	880	1	545	880	1	545		NA			NA				

CHANGES - REASONS

1. MISSED APPROACH: MAP CHANGED FROM “OTYIJ/BTV 3.90 DME” TO “OTYIJ/BTV 3.93 DME’ - MAP MOVED FOR RE-ALIGNMENT WITH DISPLACED THRESHOLD.
2. MISSED APPROACH: MISSED APPROACH INSTRUCTIONS CHANGED FROM “CLIMB TO 3400 ON BTV VOR/DME R-036 TO JRVIS 16.15 DME AND HOLD” TO “CLIMB TO 3500 ON BTV VOR/DME R-036 TO JRVIS/BTV 16.15 DME AND HOLD, CONTINUE CLIMB-IN-HOLD 3500” - CLEARANCE LIMIT ALTITUDE CAN’T BE ATTAINED AT HOLDING FIX/NEW ALTITUDE REQUIRED FOR ROC.
3. PROFILE LINE 1: ALTITUDE CHANGED FROM 2800 TO 3000 - NEW CONTROLLING OBSTACLE/AIRSPACE EVAL.
4. PROFILE LINE 4: MIN ALT CHANGED FROM “BTV VOR/DME 1700” TO “BTV VOR/DME 2200” - NEW CONTROLLING OBSTACLE
5. PROFILE LINE 8: CHANGED FROM “BTV VOR/DME 360-270 5900, 270-360 4900” TO “BTV VOR/DME 360-270 5800, 270-360 4900” - NEW CONTROLLING OBSTACLE.
- 6.NOTES: CHANGED “CHART NOTE: STRAIGHT-IN AND CIRCLING RWY 1 NA AT NIGHT” TO “PROCEDURE NA AT NIGHT” - IAW 8260.19I, 8-6-11.
7. ADDITIONAL FLIGHT DATA: CHANGED FROM “BTV VOR/DME TO RW01: 3.00/40” TO “BTV VOR/DME TO RW01: 4.00/40” – MATCH VGSI ANGLE/USED 40 TCH TO MAINTAIN DISPLACED THRESHOLD TCH GREATER THAN 10 FT.
8. ADDITIONAL FLIGHT DATA: CHANGED FROM “FAC CROSSES RWY C/L EXTENDED 2267 FT FROM THLD.” TO FAC CROSSES RWY C/L EXTENDED 2265 FT FROM THLD.” - MAP MOVED FOR RE-ALIGNMENT.
9. ALTERNATE MINIMUMS: CHANGED FROM “STANDARD CAT C 900-2 1/2, CAT D 1100-3” TO “STANDARD” - REMOVED CAT C/D MINIMUMS DUE TO INCREASED GPA.
10. LANDING MINIMUMS: REMOVED CAT C/D MINIMUMS - MAXIMUM VDAS EXCEEDED IAW 8260.3, TABLE 2-6-1.

COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER: ZBW, BTV APP CON, BTV ATCT, AMGR

FLIGHT CHECKED BY

DAVIN C O'BRIEN

Digitally signed by
JOSEPH L ZEDER
Sep 06, 2024

OFFICE

FPO

DATE

09/04/2024

DEVELOPED BY

APRIL SARMENTO

Digitally signed by
APRIL T SARMENTO
Jul 09, 2024

OFFICE

AJV-A432

DATE

05/18/2023

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by
JOSEPH L ZEDER
Sep 06, 2024

OFFICE

AJV-A432

DATE

TITLE
MANAGER



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

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
BTV	VOR RWY 1	1	BURLINGTON	VT	335	BTV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM JRVIS/BTV 16.15 DME **TO** BTV VOR/DME

<u>RNP</u>	<u>DISTANCE</u> 16.15	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE	443936.00N/0730409.00W	1528	164	98	4E	2000				MT-128	3400
TERRAIN	443439.00N/0725909.00W	1270 (1300)								AS1500	2800

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE: PT

FROM 10 NM **TO** BTV VOR/DME

<u>RNP</u>	<u>DISTANCE</u> 10.00	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>				<u>HMAS</u>	
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	441642.00N/0731300.00W	1136	164	98	4E	500				AC98 DG466	2200
TERRAIN	441642.00N/1731300.00W	935 (900)								AS1000	1900

COMPUTATIONS

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

SEGMENT REMARKS:



FINAL

FROM

BTV VOR/DME

TO

OTYIJ/BTV 3.93 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
	3.93		OTYIJ/BTV 3.93 DME		546						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (50-021159)	442616.68N/0731038.29W	622	50	20	2C	250					880

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

PROCEDURE TURN

FROM

BTV VOR/DME

TO

10 NM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	442118.00N/0730324.00W	1729	164	98	4E	1000				PR90	2900
TERRAIN	442118.00N/0730324.00W	1528 (1500)								AS1500	3000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH

FROM

OTYIJ/BTV 3.93 DME

TO

JRVIS/BTV 16.15 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 630			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3500
AAO	443527.00N/0730445.00W	1431	164	98	4E	1000					2500
TERRAIN	443527.00N/0730445.00W	1230 (1200)								AS1500	2700

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											
TANK (50-000050)	442834.21N/0731136.23W	1.30	545	540	20	3	1A	300		SI	880
CATEGORY B											
TANK (50-000081)	442814.69N/0731151.42W	1.82	545	556	20	3	1A	300		SI	880

CIRCLING REMARKS:

MSA

CENTER

BTV VOR/DME

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
270-360	AAO	441406.00N/0734239.00W	262	24.7	3825	164	98	4E	1000			4900
360-270	AAO	440939.00N/0734312.00W	254	27.2	4793	164	98	4E	1000			5800

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

BTV TOWER, BTV APP CON, ZBW ARTCC

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	BTV	24	BTV	0	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS

WX REMARKS:

NO BACK-UP ALTIMETER, REDUNDANCY AT KBTV.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
BTV VOR/DME	AOCC	24 HRS	1

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW19 - MIRL (PCL), PAPI-4R	BSC-G	
RW01 - MIRL (PCL), PAPI-4L (PCL)	NPI-G	
RW15 - MALSR (PCL), HIRL (PCL), PAPI-4R (PCL)	PIR-G	APPROACH, ROLL OUT
RW33 - MALSF (PCL), HIRL (PCL), PAPI-4R	PIR-G	APPROACH, ROLL OUT

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
					4.00	26.5

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD		2265 FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	225
ON CENTERLINE		FT FROM CENTERLINE		

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	VOR RWY 1
20:1	
478 TREE (50-030804) 442726.39N/0730919.02W (35.03)	464 TREE (50-040182) 442726.89N/0730918.82W (23.42)
477 TREE (50-030776) 442724.54N/0730915.84W (23.04)	465 TREE (50-034173) 442726.62N/0730915.93W (21.51)
505 TREE (50-030613) 442716.83N/0730922.72W (16.16)	390 TREE (50-021209) 442740.65N/0730909.57W (13.31)
484 TREE (50-039902) 442720.48N/0730920.07W (12)	385 TREE (50-030786) 442741.20N/0730910.69W (11.67)
509 TREE (50-040953) 442714.54N/0730921.30W (7.93)	509 TREE (50-030399) 442714.21N/0730921.16W (6.2)



AIRPORT ID		PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
BTV		VOR RWY 1	1	BURLINGTON	VT	335	BTV
484 TREE (50-030349) 442718.90N/0730920.84W (4.51)				410 TREE (50-030698) 442734.35N/0730913.86W (4.09)			
456 TREE (50-030775) 442724.66N/0730917.37W (3.47)				345 TREE (50-030419) 442747.87N/0730906.64W (2.88)			
418 TREE (50-030685) 442732.68N/0730911.08W (2.22)				444 TREE (50-030806) 442726.50N/0730917.54W (0.78)			
FINAL TYPE	VOR RWY 1						
34:1							
505 TREE (50-030571) 442710.74N/0730919.30W (61.31)				483 TREE (50-041206) 442717.17N/0730923.90W (59.71)			
484 TREE (50-030403) 442715.22N/0730919.95W (53.71)				507 TREE (50-040709) 442706.70N/0730921.71W (52.17)			
486 BUILDING (50-030398) 442713.97N/0730918.65W (51.61)				491 TREE (50-040505) 442710.80N/0730927.67W (50.15)			
499 TREE (50-041881) 442708.67N/0730920.49W (49.59)				470 TREE (50-042205) 442718.16N/0730922.47W (49.17)			
500 TREE (50-041250) 442707.84N/0730922.44W (48.76)				483 GRAIN_ELEVATOR (50-040430) 442713.99N/0730918.66W (48.67)			
496 TREE (50-030565) 442709.01N/0730922.09W (48.1)				459 TREE (50-030727) 442721.72N/0730920.50W (48.03)			
451 TREE (50-041526) 442724.56N/0730919.19W (47.97)				452 TREE (50-041499) 442723.98N/0730917.82W (46.83)			
447 TREE (50-041282) 442725.57N/0730918.65W (46.78)				492 TREE (50-040794) 442709.63N/0730923.73W (46.45)			
446 TREE (50-030781) 442725.50N/0730919.15W (45.73)				496 TREE (50-030548) 442708.07N/0730922.50W (45.46)			
496 TREE (50-030547) 442707.96N/0730920.99W (44.66)				452 TREE (50-030373) 442722.83N/0730920.12W (44.17)			
487 TREE (50-041900) 442710.62N/0730920.96W (43.48)				500 TREE (50-030539) 442706.05N/0730921.34W (43.14)			
491 TREE (50-039863) 442708.55N/0730923.50W (42.19)				458 TREE (50-030359) 442720.01N/0730920.77W (42.08)			
469 TREE (50-030612) 442716.26N/0730920.70W (42.01)				492 TREE (50-040836) 442708.07N/0730921.28W (41.07)			
491 TREE (50-042204) 442707.69N/0730924.64W (40.02)				495 TREE (50-041305) 442706.44N/0730923.21W (39.89)			
446 TREE (50-034193) 442723.56N/0730917.88W (39.61)				487 TREE (50-030567) 442709.18N/0730920.27W (39.02)			
445 TREE (50-040112) 442723.15N/0730915.63W (36.69)				496 TREE (50-041660) 442704.44N/0730923.02W (34.94)			
476 TREE (50-034191) 442711.20N/0730921.26W (34.28)				491 TREE (50-040028) 442706.16N/0730920.40W (34.17)			
445 TREE (50-030367) 442721.10N/0730919.16W (31.77)				464 TREE (50-030401) 442714.66N/0730913.85W (30.12)			
445 TREE (50-041236) 442720.04N/0730921.45W (29.38)				428 TREE (50-041001) 442726.54N/0730914.55W (29.33)			
473 TREE (50-042168) 442710.13N/0730922.25W (28.45)				473 TREE (50-030570) 442710.11N/0730921.43W (28.13)			
463 TREE (50-041013) 442713.51N/0730921.26W (28.09)				484 TREE (50-030540) 442706.30N/0730919.37W (27.25)			
436 TREE (50-030374) 442722.90N/0730915.44W (26.89)				404 TREE (50-040576) 442735.08N/0730901.40W (26.3)			
447 TREE (50-042176) 442717.97N/0730920.26W (24.91)				427 TREE (50-041588) 442725.31N/0730914.92W (24.82)			
454 TREE (50-030610) 442716.24N/0730912.12W (24.22)				435 TREE (50-039919) 442721.84N/0730919.10W (23.93)			
397 TREE (50-030823) 442736.19N/0730901.34W (22.55)				400 TREE (50-042230) 442734.97N/0730900.84W (21.8)			
423 TREE (50-034127) 442727.44N/0730856.54W (21.25)				408 TREE (50-042068) 442732.27N/0730858.73W (21.17)			
405 TREE (50-030690) 442733.53N/0730855.25W (20.78)				398 TREE (50-030815) 442735.21N/0730900.85W (20.51)			
418 TREE (50-030741) 442729.11N/0730854.32W (20.46)				389 TREE (50-030829) 442737.24N/0730910.11W (20.43)			
422 TREE (50-030780) 442725.44N/0730914.50W (20.07)				403 TREE (50-042192) 442733.61N/0730857.28W (19.66)			
433 TREE (50-039938) 442721.20N/0730916.05W (19.08)				478 TREE (50-040250) 442705.17N/0730921.90W (18.73)			

QUALITY
35
CHECKED

QUALITY
35
CHECKED

<u>AIRPORT ID</u> BTV	<u>PROCEDURE NAME</u> VOR RWY 1	<u>AMDT NO.</u> 1	<u>CITY</u> BURLINGTON	<u>STATE</u> VT	<u>AIRPORT ELEVATION</u> 335	<u>FACILITY</u> BTV
405 TREE (50-030679) 442732.26N/0730859.39W (18.35)			475 TREE (50-041594) 442706.38N/0730918.65W (18.26)			
458 POLE (50-040647) 442711.68N/0730922.11W (17.97)			444 TREE (50-041232) 442716.58N/0730919.29W (17.5)			
419 TREE (50-030734) 442727.96N/0730852.49W (17.49)			405 TREE (50-040545) 442731.95N/0730859.38W (17.44)			
472 TREE (50-042105) 442706.43N/0730925.02W (17.43)			408 TREE (50-040017) 442731.08N/0730857.74W (17.35)			
392 TREE (50-030827) 442736.69N/0730855.76W (17.25)			432 TREE (50-030365) 442720.74N/0730916.16W (16.76)			
404 TREE (50-039970) 442732.04N/0730859.07W (16.6)			478 TREE (50-034174) 442704.31N/0730922.81W (16.49)			
420 TRAVERSE_WAY (50-030774) 442724.34N/0730919.65W (16.47)			448 TREE (50-034172) 442715.02N/0730916.35W (15.97)			
404 TREE (50-040813) 442731.74N/0730859.66W (15.91)			453 TREE (50-041109) 442713.00N/0730918.82W (15.81)			
412 TREE (50-041733) 442729.45N/0730854.61W (15.56)			406 TREE (50-040439) 442731.11N/0730857.24W (15.28)			
406 TREE (50-030751) 442731.18N/0730856.58W (15.28)			451 TREE (50-030394) 442712.91N/0730921.36W (14.35)			
390 TREE (50-040785) 442735.83N/0730900.71W (14.29)			418 TREE (50-040239) 442726.64N/0730856.77W (13.97)			
397 TREE (50-030691) 442733.71N/0730856.98W (13.86)			415 TREE (50-030801) 442726.10N/0730909.37W (13.38)			
403 TREE (50-041822) 442731.59N/0730855.46W (13.13)			396 TREE (50-040754) 442732.98N/0730904.33W (13.04)			
402 TREE (50-030757) 442731.61N/0730857.86W (12.95)			471 TREE (50-040832) 442706.41N/0730914.02W (12.87)			
399 TREE (50-030683) 442732.64N/0730857.15W (12.76)			393 TREE (50-034128) 442734.90N/0730855.08W (12.76)			
387 TREE (50-040702) 442734.93N/0730912.67W (12.44)			452 TREE (50-030382) 442712.21N/0730917.97W (12.21)			
450 TREE (50-041947) 442712.51N/0730921.02W (12.07)			398 TREE (50-040335) 442732.02N/0730903.57W (11.98)			
399 TREE (50-039920) 442731.94N/0730859.77W (11.53)			365 TREE (50-040365) 442743.48N/0730859.58W (11.46)			
459 TREE (50-040807) 442709.65N/0730916.83W (11.31)			430 TREE (50-030362) 442720.14N/0730910.70W (11.25)			
366 TREE (50-030792) 442742.17N/0730907.76W (11.2)			397 TREE (50-040144) 442732.52N/0730859.02W (11)			
401 TREE (50-040122) 442731.32N/0730857.50W (10.98)			397 TREE (50-040534) 442732.33N/0730859.78W (10.68)			
387 TREE (50-039933) 442735.58N/0730900.25W (10.4)			476 TREE (50-040912) 442702.78N/0730923.13W (10.08)			
399 TREE (50-041878) 442731.58N/0730858.16W (9.96)			401 TREE (50-040435) 442731.00N/0730856.91W (9.85)			
394 TREE (50-030687) 442733.19N/0730858.24W (9.73)			412 TREE (50-040908) 442727.28N/0730856.25W (9.69)			
401 TREE (50-039929) 442730.88N/0730856.65W (9.42)			397 TREE (50-040642) 442731.47N/0730903.46W (9.32)			
397 TREE (50-030750) 442731.12N/0730906.33W (9.2)			365 TREE (50-030794) 442742.68N/0730859.68W (9.13)			
396 TREE (50-040331) 442731.71N/0730903.64W (9.08)			396 TREE (50-030752) 442731.25N/0730907.82W (9.06)			
390 TREE (50-041715) 442733.35N/0730907.17W (9.04)			419 TREE (50-030376) 442723.16N/0730910.13W (8.97)			
397 TREE (50-040107) 442731.80N/0730858.99W (8.87)			413 TREE (50-030784) 442725.88N/0730902.00W (8.39)			
402 TREE (50-040665) 442727.83N/0730918.37W (8.34)			473 TREE (50-030534) 442703.16N/0730922.89W (8.12)			
392 TREE (50-030681) 442732.35N/0730907.19W (8.1)			377 TREE (50-030759) 442738.58N/0730856.34W (8)			
402 TREE (50-030744) 442729.78N/0730858.98W (7.92)			390 TREE (50-041382) 442733.23N/0730904.31W (7.77)			
366 TREE (50-030791) 442742.10N/0730857.58W (7.76)			387 TREE (50-042152) 442734.61N/0730900.38W (7.59)			
384 TREE (50-030696) 442734.30N/0730911.84W (7.32)			384 TREE (50-030814) 442734.98N/0730905.23W (7.22)			
353 TREE (50-040975) 442745.50N/0730904.73W (7.05)			393 TREE (50-030677) 442732.00N/0730903.54W (6.91)			

QUALITY
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CHECKED

<u>AIRPORT ID</u> BTV	<u>PROCEDURE NAME</u> VOR RWY 1	<u>AMDT NO.</u> 1	<u>CITY</u> BURLINGTON	<u>STATE</u> VT	<u>AIRPORT ELEVATION</u> 335	<u>FACILITY</u> BTV
464 TREE (50-034151) 442706.76N/0730913.83W (6.84)			394 TREE (50-040787) 442731.93N/0730900.41W (6.7)			
387 TREE (50-041379) 442734.03N/0730902.01W (6.4)			463 TREE (50-030541) 442706.57N/0730917.22W (6.36)			
383 TREE (50-042217) 442735.53N/0730900.56W (6.36)			355 TREE (50-030703) 442744.17N/0730908.25W (6.25)			
385 TREE (50-040240) 442734.81N/0730900.51W (6.22)			353 TREE (50-030710) 442745.49N/0730901.62W (6.03)			
395 TREE (50-042084) 442731.17N/0730901.99W (5.97)			389 TREE (50-030686) 442732.95N/0730904.27W (5.94)			
384 TREE (50-034130) 442735.23N/0730858.77W (5.9)			411 TREE (50-042190) 442725.69N/0730902.16W (5.88)			
383 TREE (50-030699) 442734.63N/0730907.32W (5.86)			383 TREE (50-042151) 442735.36N/0730900.22W (5.75)			
386 TREE (50-041186) 442734.15N/0730901.81W (5.69)			392 TREE (50-040631) 442732.60N/0730856.87W (5.55)			
406 TREE (50-041024) 442727.86N/0730856.40W (5.44)			371 TREE (50-030837) 442737.99N/0730912.57W (5.42)			
393 TREE (50-041829) 442732.09N/0730857.41W (5.22)			391 TREE (50-040582) 442732.02N/0730903.90W (5.08)			
417 TERRAIN (50-040483) 442721.67N/0730917.26W (4.85)			428 TREE (50-030354) 442719.04N/0730906.76W (4.76)			
393 TREE (50-040222) 442731.69N/0730859.33W (4.65)			381 TREE (50-040715) 442735.55N/0730900.88W (4.52)			
381 TREE (50-030820) 442735.86N/0730857.64W (4.4)			415 TERRAIN (50-030731) 442722.01N/0730918.57W (4.27)			
387 TREE (50-041351) 442733.39N/0730900.95W (4.18)			426 TREE (50-041907) 442718.74N/0730913.41W (3.99)			
380 TREE (50-041681) 442736.02N/0730857.46W (3.81)			379 TREE (50-041749) 442735.95N/0730901.19W (3.79)			
425 TREE (50-034148) 442719.90N/0730905.10W (3.77)			460 TREE (50-041348) 442706.89N/0730915.44W (3.74)			
397 TREE (50-030737) 442728.78N/0730910.68W (3.69)			392 TREE (50-041721) 442731.52N/0730900.68W (3.58)			
408 TREE (50-040862) 442725.87N/0730902.39W (3.49)			461 TREE (50-040969) 442705.44N/0730924.76W (3.43)			
428 TREE (50-030624) 442718.01N/0730911.50W (3.24)			418 TREE (50-030758) 442723.52N/0730851.77W (3.19)			
360 TREE (50-030787) 442741.32N/0730908.80W (3.03)			407 TREE (50-041699) 442726.06N/0730902.18W (2.98)			
390 TREE (50-040602) 442732.06N/0730859.98W (2.95)			447 TREE (50-030572) 442710.98N/0730915.75W (2.88)			
388 TREE (50-042060) 442732.66N/0730900.22W (2.79)			451 TREE (50-030569) 442709.44N/0730916.89W (2.71)			
392 TREE (50-041976) 442731.18N/0730900.65W (2.57)			347 TREE (50-040772) 442746.21N/0730902.88W (2.55)			
381 TREE (50-041422) 442734.81N/0730901.47W (2.52)			380 TREE (50-040622) 442735.24N/0730859.62W (2.2)			
381 TREE (50-040379) 442734.69N/0730900.66W (1.91)			346 TREE (50-040441) 442745.93N/0730906.48W (1.87)			
390 TREE (50-041628) 442731.49N/0730901.80W (1.85)			438 TREE (50-030397) 442713.50N/0730917.40W (1.83)			
399 TREE (50-030739) 442728.88N/0730857.40W (1.76)			390 TREE (50-040852) 442731.28N/0730903.35W (1.73)			
391 TREE (50-041168) 442731.14N/0730901.52W (1.73)			379 TREE (50-040661) 442735.37N/0730859.98W (1.7)			
462 TREE (50-030538) 442705.68N/0730913.76W (1.64)			387 TREE (50-042135) 442732.16N/0730904.26W (1.61)			
407 TREE (50-030778) 442724.77N/0730909.64W (1.55)			431 TREE (50-030350) 442718.91N/0730848.20W (1.47)			
383 TREE (50-042023) 442733.43N/0730904.36W (1.38)			390 TREE (50-040586) 442731.37N/0730901.35W (1.35)			
423 TREE (50-030360) 442719.95N/0730903.21W (1.31)			408 TREE (50-030785) 442726.06N/0730853.64W (1.26)			
343 TREE (50-034169) 442746.97N/0730904.09W (1.17)			446 TREE (50-034171) 442710.59N/0730917.04W (1.15)			
343 TREE (50-040769) 442746.77N/0730905.71W (1.1)			359 TREE (50-041392) 442742.06N/0730859.02W (1.1)			
387 TREE (50-039907) 442732.41N/0730900.00W (0.99)			423 TREE (50-030347) 442718.77N/0730913.09W (0.98)			

QUALITY
35
CHECKED

<u>AIRPORT ID</u> BTV	<u>PROCEDURE NAME</u> VOR RWY 1	<u>AMDT NO.</u> 1	<u>CITY</u> BURLINGTON	<u>STATE</u> VT	<u>AIRPORT ELEVATION</u> 335	<u>FACILITY</u> BTV
370 TREE (50-030836) 442737.94N/0730902.23W (0.98)			353 TREE (50-030798) 442743.79N/0730901.47W (0.97)			
428 TREE (50-030355) 442719.60N/0730849.46W (0.91)			387 TREE (50-041200) 442732.33N/0730900.42W (0.89)			
381 TREE (50-040914) 442734.30N/0730901.02W (0.88)			382 TREE (50-042203) 442733.98N/0730900.85W (0.88)			
389 TREE (50-040844) 442731.52N/0730901.54W (0.86)			373 TREE (50-030822) 442736.18N/0730908.41W (0.77)			
415 TERRAIN (50-030366) 442720.89N/0730917.74W (0.7)			399 TREE (50-030808) 442727.26N/0730908.70W (0.59)			
421 TREE (50-030368) 442721.18N/0730855.81W (0.58)			391 TREE (50-030746) 442730.17N/0730906.45W (0.44)			
395 TREE (50-042129) 442729.57N/0730859.24W (0.38)			344 TREE (50-040730) 442746.40N/0730902.63W (0.03)			
<u>PENETRATIONS REMARKS:</u>						

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VDP NOT ESTABLISHED - 20:1 PENETRATIONS.

100 FT VEGETATION USED.

CAT A/B MINIMUMS ONLY. MAXIMUM VDA ANGLE EXCEEDED FOR CAT C/D MINIMUMS IAW 8260.3, TABLE 2-6-1.

40 FT TCH WAS USED TO MAINTAIN A DISPLACED THRESHOLD CROSSING HEIGHT GREATER THAN 10 FT.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



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	11.26
WIDTH OF	INTERMEDIATE	SEGMENT AT 1000FT POINT	4.80
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1000FT POINT	21.40
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1000FT POINT	900
DISTANCE FROM	THLD	TO 1500FT POINT	12.26
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	5.20
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	21.40
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	900

THRESHOLD COORDINATES (IF STR-IN)	442751.97N/0730904.07W
ARP COORDINATES	442819.04N/0730911.79W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 15 DISTANCE 0.75 NM
FAF COORDINATES	442349.58N/0731057.49W
FIX NAME COORDINATES	

REMARKS

THLD DISPLACED 225FT, ACTUAL COORDINATES: 442749.77N/0730903.61W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
APRIL SARMENTO	AJV-A432	05/18/2023	AERONAUTICAL INFORMATION SPECIALIST

