

**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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
BTV	RNAV (GPS) RWY 1	2	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SUPERSEDED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	RNAV (GPS) RWY 1	05/19/2022	15W	2005
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	
RNAV			ROUTINE		

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 276/30 CW 096/30	NOPT	276/5 CW 096/5		7100
2. 276/5 CW 096/5		FOBUX	IF/IAF	4800
3. 096/30 CW 186/30		096/11 CW 186/11		7600
4. 096/11 CW 186/11		JENAX	IAF	4800
5. 186/30 CW 276/30		186/5 CW 276/5		6600
6. 186/5 CW 276/5		FOBUX	IF/IAF	4800

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>
JENAX	IAF	FOBUX	NOPT	TF	FB	1.00	096.34	6.00	4800
FOBUX	IF/IAF	CESAL		TF	FB	1.00	006.46	7.80	2400
CESAL	FAF	OBRIE/2.17 NM TO RW01		TF	FB	0.30	006.44	2.63	
OBRIE/2.17 NM TO RW01		RW01	MAP	TF	FO	0.30	006.44	2.17	
RW01	MAP	900 MSL		CA			006.44		900
900 MSL		JRVIS		DF	FO	1.00			3500

MISSED APPROACH

MAP:

LPV: DA
LNAV: RW01

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 900 THEN CLIMBING RIGHT TURN TO 3500 DIRECT JRVIS AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD S FOBUX, LT, 006.46 INBOUND, 4800 IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	006.44	FAF:	CESAL	DIST FAF TO MAP:	4.79	DIST FAF TO THLD:	4.79							
4.	MIN ALT:	FOBUX 4800, CESAL 2400, OBRIE/2.17 NM TO RW01 1280													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		327 HAT:	0.70	GS ANT:				
6.	MIN GP INCPT:	2400	GP ALT AT PFAF:	CESAL 2400					OM:		MM:			IM:	
7.	GP ANGLE:	4.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH:	30.0							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 1 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 216.00 INBOUND.
CHART FAS OBST: 510 WINDMILL (50-020316) 442634N/0730919W.
CHART R6501A & R6501B.
CHART VDP AT 0.94 NM TO RW01.
WAAS CHANNEL # 58044
REFERENCE PATH ID: W01A
LTP HAE: 72.6 M

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
LPV DA	661	1	327	661	1	327		NA			NA				
LNAV MDA	760	1	426	760	1	426		NA			NA				
CIRCLING	840	1	505	860	1	525		NA			NA				

CHANGES - REASONS

1. TAA LINE 3 - 096/30 CW 186/30 096/11 CW 186/11 7500 UPDATED TO 096/30 CW 186/30 096/11 CW 186/11 7600 - NEW CONTROLLING OBSTACLE 5534 AAO 440648.00N/0735524.00W FOUND DURING TARGETS EVALUATION AND IAW 8260.19K 8-6-3A.
2. NOTE: DELETED CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - FLIGHT CHECK EVALUATED PROCEDURE AND FOUND VGSI AND RNAV GLIDEPATH WE COINCIDENT AND IAW 8260.19K 8-6-10M.
3. ADDITIONAL FLIGHT DATA: REMOVED "CHART CIRCLING ICON - NO LONGER REQUIRED IN CRITERIA.
4. 7:1 779 TREE 442535N/0730719W REMOVED, UPDATED WITH 674 TREE 442533.00N/0730730.00W AND MOVED TO 8260-9 DOCUMENT IN GENERAL REMARKS.



COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER: ZBW, BTV APP CON, BTV ATCT, AMGR, HQ USAF/ANG

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY
RALPH P. MILLER

OFFICE

AJV-A422

DATE

APPROVED BY
RAKE MCGRAW

OFFICE

AJV-A422

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBTV
RUNWAY	RW01
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W01A
LTP/FTP LATITUDE	442751.9665N
LTP/FTP LONGITUDE	0730904.0730W
LTP/FTP ELLIPSOIDAL HEIGHT	+00726
FPAP LATITUDE	442920.0680N
FPAP LONGITUDE	0730922.6345W
THRESHOLD CROSSING HEIGHT (TCH)	00030.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	04.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1568
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	92BEE55B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01015
FPAP ORTHOMETRIC HEIGHT	+01015



**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	RNAV (GPS) RWY 1	2	BURLINGTON	VT	335	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM 276/30 CW 096/30 **TO** 276/5 CW 096/5

<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	440457.00N/0734712.00W	5050	215	8	4B	2000					7100
TERRAIN	440942.00N/0734312.00W	4622 (4600)								AS1500	6100

COMPUTATIONS

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

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM 276/5 CW 096/5 **TO** FOBUX

<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	441342.00N/0725927.00W	2710	215	8	4B	2000					4800
TERRAIN	441403.00N/0730009.00W	2454 (2500)								AS1500	4000

COMPUTATIONS

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

SEGMENT REMARKS:



LEFT BASE AREA

FROM

096/30 CW 186/30

TO

096/11 CW 186/11

<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	440648.00N/0735524.00W	5535	215	8	4B	2000					7600
TERRAIN	442157.00N/0735412.00W	4862 (4900)								AS1500	6400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

LEFT BASE AREA

FROM

096/11 CW 186/11

TO

JENAX

<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	441309.00N/0733306.00W	2169	215	8	4B	2000				DG631	4800
TERRAIN	441739.00N/0732533.00W	1217 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



RIGHT BASE AREA

FROM

186/30 CW 276/30

TO

186/5 CW 276/5

<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	443239.00N/0724851.00W	4594	215	8	4B	2000					6600
TERRAIN	443239.00N/0724851.00W	4393 (4400)								AS1500	5900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

RIGHT BASE AREA

FROM

186/5 CW 276/5

TO

FOBUX

<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	441342.00N/0725927.00W	2710	215	8	4B	2000					4800
TERRAIN	441603.00N/0730051.00W	1938 (1900)								AS1500	3400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM

JENAX

TO

FOBUX

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	6.00										
<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	441345.00N/0730512.00W	1733	215	8	4B	1000				AT2067	4800
TERRAIN	441345.00N/0730512.00W	1532 (1500)								AS1500	3000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

FOBUX (IF/IAF)

TO

CESAL

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	7.80										
<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	441345.00N/0730512.00W	1733	215	8	4B	500				AT167	2400
TERRAIN	442209.00N/0730618.00W	1197 (1200)								AS1000	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LPV

FROM

CESAL

TO

RW01

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	4.80		DA		327						
<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 (50-034127)	442727.44N/0730856.54W	423	20	3	1A		25.50:1			MA77	661

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

CESAL

TO

OBRIE/2.17 NM TO RW01

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.63										
<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 (50-021121)	442423.36N/0730811.33W	964	50	20	2C	250				XP66	1280

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP=MAINTAIN CURRENT MINS

FINAL: LNAV STEPDOWN

FROM

OBRIE/2.17 NM TO RW01

TO

RW01

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	2.17		RW01				426				
<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>
WINDMILL (50-020316)	442634.20N/0730918.83W	510	50	20	2C	250					760

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM

FOBUX

TO

P-6

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-6	<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	440557.00N/0730300.00W	2510	215	8	4B	1000				AT1120 PR170	4800
TERRAIN	440557.00N/0730300.00W	2309 (2300)								AS1500	3800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LPV

FROM

DA

TO

JRVIS

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30										414	
<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 (50-034127)	442727.44N/0730856.54W	423	20	3	1A		ASC				3500
WINDMILL (50-020174)	443952.06N/0730415.48W	1873	500	125	5E	1000					2900
TERRAIN	443933.00N/0730412.00W	1397 (1400)								AS1500	2900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW01

TO

JRVIS

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30-1.00											660
<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
WINDMILL (50-020174)	443952.06N/0730415.48W	1873	500	125	5E	1000					2900
TERRAIN	443933.00N/0730412.00W	1397 (1400)								AS1500	2900

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	505	540	20	3	1A	300			840
CATEGORY B											
TANK (50-000081)	442814.69N/0731151.42W	1.82	525	556	20	3	1A	300			860

CIRCLING REMARKS:

MSA/ESA

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

BTV APP CON, BTV TOWER, ZBW ARTCC

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

WX REMARKS:

BACKUP ALTIMETER NOT REQUIRED, AIRPORT HAS REDUNDANT SOURCES.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
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	333.0	30.0			4.00	26.5

FINAL APPROACH COURSE AIMING



AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
BTV	RNAV (GPS) RWY 1	2	BURLINGTON	VT	335	RNAV
RUNWAY THRESHOLD	☒	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	RWY 1 LPV AND LNAV
34:1	
404 TREE (50-040576) 442735.0800N/0730901.4000W (26.3)	397 TREE (50-030823) 442736.1900N/0730901.3400W (22.55)
400 TREE (50-042230) 442734.9700N/0730900.8400W (21.8)	423 TREE (50-034127) 442727.4400N/0730856.5400W (21.25)
408 TREE (50-042068) 442732.2700N/0730858.7300W (21.18)	405 TREE (50-030690) 442733.5300N/0730855.2500W (20.78)
398 TREE (50-030815) 442735.2100N/0730900.8500W (20.51)	418 TREE (50-030741) 442729.1100N/0730854.3200W (20.47)
403 TREE (50-042192) 442733.6100N/0730857.2800W (19.66)	405 TREE (50-030679) 442732.2600N/0730859.3900W (18.36)
419 TREE (50-030734) 442727.9600N/0730852.4900W (17.5)	405 TREE (50-040545) 442731.9500N/0730859.3800W (17.44)
408 TREE (50-040017) 442731.0800N/0730857.7400W (17.36)	392 TREE (50-030827) 442736.6900N/0730855.7600W (17.25)
404 TREE (50-039970) 442732.0400N/0730859.0700W (16.61)	404 TREE (50-040813) 442731.7400N/0730859.6600W (15.91)
412 TREE (50-041733) 442729.4500N/0730854.6100W (15.56)	406 TREE (50-040439) 442731.1100N/0730857.2400W (15.29)
406 TREE (50-030751) 442731.1800N/0730856.5800W (15.28)	390 TREE (50-040785) 442735.8300N/0730900.7100W (14.29)
418 TREE (50-040239) 442726.6400N/0730856.7700W (13.97)	397 TREE (50-030691) 442733.7100N/0730856.9800W (13.86)
403 TREE (50-041822) 442731.5900N/0730855.4600W (13.13)	396 TREE (50-040754) 442732.9800N/0730904.3300W (13.05)
402 TREE (50-030757) 442731.6100N/0730857.8600W (12.96)	399 TREE (50-030683) 442732.6400N/0730857.1500W (12.76)
393 TREE (50-034128) 442734.9000N/0730855.0800W (12.76)	398 TREE (50-040335) 442732.0200N/0730903.5700W (11.98)
399 TREE (50-039920) 442731.9400N/0730859.7700W (11.54)	365 TREE (50-040365) 442743.4800N/0730859.5800W (11.46)
397 TREE (50-040144) 442732.5200N/0730859.0200W (11.01)	401 TREE (50-040122) 442731.3200N/0730857.5000W (10.99)
397 TREE (50-040534) 442732.3300N/0730859.7800W (10.69)	387 TREE (50-039933) 442735.5800N/0730900.2500W (10.41)
399 TREE (50-041878) 442731.5800N/0730858.1600W (9.96)	401 TREE (50-040435) 442731.0000N/0730856.9100W (9.86)
394 TREE (50-030687) 442733.1900N/0730858.2400W (9.73)	412 TREE (50-040908) 442727.2800N/0730856.2500W (9.69)
401 TREE (50-039929) 442730.8800N/0730856.6500W (9.42)	397 TREE (50-040642) 442731.4700N/0730903.4600W (9.33)
397 TREE (50-030750) 442731.1200N/0730906.3300W (9.21)	365 TREE (50-030794) 442742.6800N/0730859.6800W (9.14)
396 TREE (50-040331) 442731.7100N/0730903.6400W (9.09)	397 TREE (50-040107) 442731.8000N/0730858.9900W (8.88)
413 TREE (50-030784) 442725.8800N/0730902.0000W (8.4)	377 TREE (50-030759) 442738.5800N/0730856.3400W (8)
402 TREE (50-030744) 442729.7800N/0730858.9800W (7.92)	390 TREE (50-041382) 442733.2300N/0730904.3100W (7.78)



<u>AIRPORT ID</u> BTB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 1	<u>AMDT NO.</u> 2	<u>CITY</u> BURLINGTON	<u>STATE</u> VT	<u>AIRPORT ELEVATION</u> 335	<u>FACILITY</u> RNAV
366 TREE (50-030791) 442742.1000N/0730857.5800W (7.76)			387 TREE (50-042152) 442734.6100N/0730900.3800W (7.59)			
384 TREE (50-030814) 442734.9800N/0730905.2300W (7.23)			353 TREE (50-040975) 442745.5000N/0730904.7300W (7.05)			
393 TREE (50-030677) 442732.0000N/0730903.5400W (6.91)			394 TREE (50-040787) 442731.9300N/0730900.4100W (6.71)			
387 TREE (50-041379) 442734.0300N/0730902.0100W (6.4)			383 TREE (50-042217) 442735.5300N/0730900.5600W (6.36)			
385 TREE (50-040240) 442734.8100N/0730900.5100W (6.22)			353 TREE (50-030710) 442745.4900N/0730901.6200W (6.03)			
395 TREE (50-042084) 442731.1700N/0730901.9900W (5.97)			389 TREE (50-030686) 442732.9500N/0730904.2700W (5.94)			
384 TREE (50-034130) 442735.2300N/0730858.7700W (5.91)			411 TREE (50-042190) 442725.6900N/0730902.1600W (5.89)			
383 TREE (50-042151) 442735.3600N/0730900.2200W (5.75)			386 TREE (50-041186) 442734.1500N/0730901.8100W (5.69)			
392 TREE (50-040631) 442732.6000N/0730856.8700W (5.56)			406 TREE (50-041024) 442727.8600N/0730856.4000W (5.45)			
393 TREE (50-041829) 442732.0900N/0730857.4100W (5.23)			391 TREE (50-040582) 442732.0200N/0730903.9000W (5.09)			
393 TREE (50-040222) 442731.6900N/0730859.3300W (4.66)			381 TREE (50-040715) 442735.5500N/0730900.8800W (4.52)			
381 TREE (50-030820) 442735.8600N/0730857.6400W (4.4)			387 TREE (50-041351) 442733.3900N/0730900.9500W (4.18)			
380 TREE (50-041681) 442736.0200N/0730857.4600W (3.82)			379 TREE (50-041749) 442735.9500N/0730901.1900W (3.8)			
425 TREE (50-034148) 442719.9000N/0730905.1000W (3.77)			392 TREE (50-041721) 442731.5200N/0730900.6800W (3.59)			
408 TREE (50-040862) 442725.8700N/0730902.3900W (3.49)			418 TREE (50-030758) 442723.5200N/0730851.7700W (3.19)			
407 TREE (50-041699) 442726.0600N/0730902.1800W (2.98)			390 TREE (50-040602) 442732.0600N/0730859.9800W (2.96)			
388 TREE (50-042060) 442732.6600N/0730900.2200W (2.8)			392 TREE (50-041976) 442731.1800N/0730900.6500W (2.58)			
347 TREE (50-040772) 442746.2100N/0730902.8800W (2.55)			381 TREE (50-041422) 442734.8100N/0730901.4700W (2.53)			
380 TREE (50-040622) 442735.2400N/0730859.6200W (2.21)			381 TREE (50-040379) 442734.6900N/0730900.6600W (1.92)			
390 TREE (50-041628) 442731.4900N/0730901.8000W (1.86)			399 TREE (50-030739) 442728.8800N/0730857.4000W (1.77)			
391 TREE (50-041168) 442731.1400N/0730901.5200W (1.74)			390 TREE (50-040852) 442731.2800N/0730903.3500W (1.73)			
379 TREE (50-040661) 442735.3700N/0730859.9800W (1.7)			387 TREE (50-042135) 442732.1600N/0730904.2600W (1.61)			
431 TREE (50-030350) 442718.9100N/0730848.2000W (1.48)			383 TREE (50-042023) 442733.4300N/0730904.3600W (1.38)			
390 TREE (50-040586) 442731.3700N/0730901.3500W (1.36)			423 TREE (50-030360) 442719.9500N/0730903.2100W (1.32)			
408 TREE (50-030785) 442726.0600N/0730853.6400W (1.27)			343 TREE (50-034169) 442746.9700N/0730904.0900W (1.18)			
343 TREE (50-040769) 442746.7700N/0730905.7100W (1.1)			359 TREE (50-041392) 442742.0600N/0730859.0200W (1.1)			
370 TREE (50-030836) 442737.9400N/0730902.2300W (0.99)			387 TREE (50-039907) 442732.4100N/0730900.0000W (0.99)			
353 TREE (50-030798) 442743.7900N/0730901.4700W (0.98)			428 TREE (50-030355) 442719.6000N/0730849.4600W (0.91)			
382 TREE (50-042203) 442733.9800N/0730900.8500W (0.89)			387 TREE (50-041200) 442732.3300N/0730900.4200W (0.89)			
381 TREE (50-040914) 442734.3000N/0730901.0200W (0.88)			389 TREE (50-040844) 442731.5200N/0730901.5400W (0.86)			
421 TREE (50-030368) 442721.1800N/0730855.8100W (0.59)			395 TREE (50-042129) 442729.5700N/0730859.2400W (0.39)			
344 TREE (50-040730) 442746.4000N/0730902.6300W (0.03)						
PENETRATIONS REMARKS:						

QUALITY
8
CHECKED

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TAA BUILT IAW 8260.58D 2.4.1.
VEGETATION 80' PER FPT.

ORDER 8260.3 CHAPTER 2 APPLIED TO 1063 AAO 442257.00N/0730706.00W.

ORDER 8260.3 CHAPTER 2 APPLIED TO 674 TREE 442533.00N/0730730.00W.

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	2.79
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	351.44
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	800
DISTANCE FROM	THLD	TO 1500FT POINT	8.39
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	351.46
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	1200

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	442307.54N/0730804.26W
FIX NAME COORDINATES	IAF JENAX 441421.82N/0731605.06W, IF/IAF FOBUX 441524.74N/0730627.33W

REMARKS

IAF JENAX 441421.82N 0731605.06W 30 NM RADIUS
IF/IAF FOBUX 441524.74N 0730627.33W 30 NM RADIUS
IAF JENAX: 441421.82N/0731605.06W, IF/IAF FOBUX: 441524.74N/0730627.33W
THLD DISPLACED 225FT, ACTUAL COORDINATES: 442749.77N/0730903.61W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
RALPH P. MILLER	AJV-A422		AERONAUTICAL INFORMATION SPECIALIST

