

RADIO FIX AND HOLDING DATA RECORD

NAME: BURLINGTON VOR/DME

STATE: VT

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 442349.58N/0731057.49W

TYPE:

AIRSPACE DOCKET: 19-ANE-8

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	BURLINGTON	BTV	VOR/DME	L						17500

FIX RESTRICTIONS:

MCA V229 3100 SOUTHEAST BOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	SW	BTV	VOR/DME	216.00	036.00	L	1	2800 8000	8 10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	AAO	441739.00N/0732527.00W	1365	4E
1	310	AAO	442115.00N/0730321.00W	1739	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 TERRAIN AVOIDANCE

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 33	KBTV	BURLINGTON	VT (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
265K PATTERN EVALUATED FOR MILITARY USE.
MAGVAR: 15W/2005.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BANGOR			KBGR	BANGOR	ME (US)
DP	PORTLAND			KPWM	PORTLAND	ME (US)
DP	ALBANY			KALB	ALBANY	NY (US)
DP	BURLINGTON			KBTV	BURLINGTON	VT (US)
EN ROUTE	T393					(US)
EN ROUTE	V229					(US)
EN ROUTE	V487					(US)
IAP	ILS OR LOC RWY 35			KPBG	PLATTSBURGH	NY (US)
IAP	RNAV (GPS) RWY 17			KPBG	PLATTSBURGH	NY (US)
IAP	RNAV (GPS) RWY 35			KPBG	PLATTSBURGH	NY (US)
IAP	ILS OR LOC RWY 23			KSLK	SARANAC LAKE	NY (US)
IAP	ILS OR LOC RWY 17			KMPV	BARRE/MONTPELIER	VT (US)
IAP	RNAV (GPS) RWY 17			KMPV	BARRE/MONTPELIER	VT (US)
IAP	RNAV (GPS) RWY 35			KMPV	BARRE/MONTPELIER	VT (US)
IAP	ILS OR LOC RWY 15			KBTV	BURLINGTON	VT (US)
IAP	ILS OR LOC RWY 33		1	KBTV	BURLINGTON	VT (US)
IAP	VOR RWY 01			KBTV	BURLINGTON	VT (US)
IAP	RNAV (GPS) RWY 1			KFSO	HIGHGATE	VT (US)
IAP	VOR RWY 19			KFSO	HIGHGATE	VT (US)
IAP	ILS Y OR LOC Y RWY 19			KRUT	RUTLAND	VT (US)
IAP	ILS Z OR LOC Z RWY 19			KRUT	RUTLAND	VT (US)
IAP	RNAV (GPS) Y RWY 19			KRUT	RUTLAND	VT (US)
IAP	RNAV (GPS) Z RWY 19			KRUT	RUTLAND	VT (US)

REQUIRED CHARTING: DP, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 24

DATE OF REVISION: 02/25/2021

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED 19-ANE-5 TO 19-ANE-8.
FIX RESTRICTIONS: REMOVED V141 AND V151 MCA FLAGS.
FIX USE: REMOVED V141 AND V151. REMOVED DME FROM KBTV ILS OR LOC/DME RWY 15 AND ILS OR LOC/DME RWY 33 IAPS. REMOVED DME FROM KFSO VOR/DME RWY 19 IAP.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A423	NAME: BARRY SMITH
APPROVED BY:	DATE:	OFFICE: AJV-A420	NAME: MARLON ROBINSON
	SIGNATURE:		
DISTRIBUTION:	NFDC FPO: EST ARTCC: ZBW ATC FACILITY: BTV APP CON OTHER:		

RADIO FIX AND HOLDING DATA RECORD

NAME: MONTPELIER VOR/DME

STATE: VT

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 440507.74N/0722657.76W

TYPE:

AIRSPACE DOCKET: 19-ANE-8

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	MONTPELIER	MPV	VOR/DME	L							17500

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	N	MPV	VOR/DME	340.00	160.00	R	1		5000	14000	6	10
2	N		WP	345.46	165.46	R		5	5200	14000	6	13
3	N	MPV	VOR/DME	345.46	165.46	R	1		5200	14000	5	13
4	N		WP	001.95	181.95	R		5	5100	14000	6	13

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	440845.00N/0723709.00W	2651	4E
2	200	AAO	440845.00N/0723709.00W	2651	4E
2	310	AAO	441100.00N/0722021.00W	3360	4E
3	200	AAO	440845.00N/0723709.00W	2651	4E
3	310	AAO	441100.00N/0722030.00W	3284	4E
4	200	AAO	440751.00N/0722212.00W	2661	4E
4	310	AAO	442406.00N/0723836.00W	3803	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	200	100
2	310	200
2	200	110
3	310	170
4	200	110
4	310	150

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	RNAV (GPS) RWY 17	KMPV	BARRE/MONTPELIER	VT (US)
3	ILS OR LOC RWY 17	KMPV	BARRE/MONTPELIER	VT (US)
4	RNAV (GPS) RWY 35	KMPV	BARRE/MONTPELIER	VT (US)

REMARKS:

PRECIPITOUS TERRAIN ELEVATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 16W/1985.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PORTLAND			KPWM	PORTLAND	ME (US)
DP	TAKEOFF MINIMUMS			K5B9	HAVERHILL	NH (US)
DP	TAKEOFF MINIMUMS			KMPV	BARRE/MONTPELIER	VT (US)
DP	BURLINGTON			KBTV	BURLINGTON	VT (US)
EN ROUTE	T393					(US)
EN ROUTE	V447					(US)
IAP	RNAV (GPS) RWY 19			K5B9	HAVERHILL	NH (US)
IAP	ILS OR LOC RWY 18		1	KLEB	LEBANON	NH (US)
IAP	RNAV (GPS) RWY 25			KLEB	LEBANON	NH (US)
IAP	RNAV (GPS) RWY 7			KLEB	LEBANON	NH (US)
IAP	RNAV (GPS) Y RWY 10			KHIE	WHITEFIELD	NH (US)
IAP	RNAV (GPS) Z RWY 10			KHIE	WHITEFIELD	NH (US)
IAP	ILS OR LOC RWY 17		3	KMPV	BARRE/MONTPELIER	VT (US)
IAP	RNAV (GPS) RWY 17		2	KMPV	BARRE/MONTPELIER	VT (US)
IAP	RNAV (GPS) RWY 35		4	KMPV	BARRE/MONTPELIER	VT (US)
IAP	ILS OR LOC RWY 15			KBTV	BURLINGTON	VT (US)
IAP	ILS OR LOC RWY 33			KBTV	BURLINGTON	VT (US)
IAP	RNAV (GPS) RWY 2			KCDA	LYNDONVILLE	VT (US)
IAP	RNAV (GPS)-A			KMVL	MORRISVILLE	VT (US)
IAP	ILS Y OR LOC Y RWY 19			KRUT	RUTLAND	VT (US)
IAP	ILS Z OR LOC Z RWY 19			KRUT	RUTLAND	VT (US)
IAP	RNAV (GPS) Y RWY 19			KRUT	RUTLAND	VT (US)
IAP	RNAV (GPS) Z RWY 19			KRUT	RUTLAND	VT (US)

REQUIRED CHARTING: DP, IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18

DATE OF REVISION: 02/25/2021

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED 19-ANE-5 TO 19-ANE-8.

HOLDING: CHANGED PAT 3 310 KTS ELEVATION FROM 3286 TO 3284 AND PRECIPITOUS TERRAIN ADDITION FROM 200 TO 170. CHANGED PAT 4 310 KTS PRECIPITOUS TERRAIN ADDITION FROM 160 TO 150. CHANGED PAT 1 MIN ALT FROM 4000 TO 5000. CHANGED PAT1 MIN TEMPLATE FROM 4 TO 6. ADDED PAT 1 PRECIPITOUS TERRAIN ADDITION 100. CHANGED PATS 2 AND 4 MAX TEMPLATES FROM 11 TO 13. CHANGED PAT 3 MAX TEMPLATE FROM 10 TO 13.

REMARKS: CHANGED MAG VAR 16W, EPOCH YEAR 1985 TO ASSIGNED FACILITY MAGVAR: 16W/1985.

FIX USE: REMOVED V151. REMOVED DME FROM KBTW ILS OR LOC/DME RWY 15 AND ILS OR LOC/DME RWY 33 IAPS. REMOVED KLEB VOR RWY 7 IAP. ADDED K5B9 TAKEOFF MINIMUMS DP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE:

OFFICE:

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZBW

ATC FACILITY: BTV APP CON

OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: MUDDI

STATE: VT

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 434439.85N/0725126.92W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	CAMBRIDGE	CAM	VOR/DME	L	039.16	025.16	49.78	49.78		6000	17500
2	BURLINGTON	BTB	VOR/DME	L	175.13	160.13	41.61	41.61		5900	17500
3	MONTPELIER	MPV	VOR/DME	L	237.00	221.00	27.06	27.06		5900	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CAM	VOR/DME	R-039	50	6000	18000
BTB	VOR/DME	R-175	42	5800	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

BURLINGTON (FAC 2) AND MONTPELIER (FAC 3) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V229	2, 3				(US)
EN ROUTE	V447	1, 2, 3				(US)
IAP	RNAV (GPS) RWY 35			KMPV	BARRE/MONTPELIER	VT (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 11/13/2014

REASON FOR REVISION:

RAISED FAC 1/2 MRA FROM 5800 TO 5900
ADDED CAM ESV DATA
UPDATED FIX USE

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 01/14/2014

OFFICE: AJV-352

NAME: JACOB POWERS (BRIAN BERUBEE)

APPROVED BY:

DATE: 11/13/2014

OFFICE: AJV-352

NAME: SUE CRUMB

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: BTV APP CON
OTHER: