

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: FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

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

FIX RESTRICTIONS:

MCA V229 3100 SOUTHEAST BOUND
 MCA V151 5000 SOUTHEAST BOUND
 MCA V141 4000 SOUTHEAST BOUND
 MCA V104 5000 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/DME 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	V104					(US)
EN ROUTE	V141					(US)
EN ROUTE	V151					(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/DME RWY 15			KBTV	BURLINGTON	VT (US)
IAP	ILS OR LOC/DME RWY 33		1	KBTV	BURLINGTON	VT (US)
IAP	VOR/DME RWY 01	1		KBTV	BURLINGTON	VT (US)
IAP	RNAV (GPS) RWY 1			KFSO	HIGHGATE	VT (US)
IAP	VOR/DME RWY 19			KFSO	HIGHGATE	VT (US)
IAP	ILS OR LOC/DME Y RWY 19			KRUT	RUTLAND	VT (US)
IAP	ILS OR LOC/DME 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, MILITARY IAP, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 20

DATE OF REVISION: 03/29/2018

QUALITY
18
CHECKED

REASON FOR REVISION:

UPDATED FIX USE; UPDATED IAP @ KSLK FROM ILS OR LOC/DME Z RWY 23 TO ILS OR LOC RWY 23; DELETED LOC Y RWY 23 @ KSLK.

DEVELOPED BY:	DATE: 10/27/2017	OFFICE: AJV-5423	NAME: HEIDI SNIDER
APPROVED BY:	DATE:	OFFICE: AJV-5420	NAME: JULIE MORGAN

SIGNATURE:

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



RADIO FIX AND HOLDING DATA RECORD

NAME: HNDRK

STATE: NY

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 442614.50N/0740927.49W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	SARANAC LAKE	I-SLK	LOC		048.90	034.90		4.31		2560	6100
2	SARANAC LAKE	SLK	VOR/DME	L			3.76	3.76		2560	6100

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

FIX COORDINATES ESTABLISHED 3.10 NM FROM R23 THLD.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 23	1		KSLK	SARANAC LAKE	NY (US)
IAP	RNAV (GPS) RWY 23			KSLK	SARANAC LAKE	NY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 03/29/2018

REASON FOR REVISION:

UPDATED FIX MAKE-UP FAC 1 & 2, CHANGED MRA FROM 2660 TO 2560.
UPDATED FIX USE; IAP @ KSLK FROM ILS OR LOC/DME Z RWY 23 TO ILS OR LOC RWY 23.

DEVELOPED BY: DATE: 10/25/2017 OFFICE: AJV-5423 NAME: HEIDI SNIDER

APPROVED BY: DATE: OFFICE: AJV-5420 NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY:
OTHER:

QUALITY
18
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JONNN

STATE: NY

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 443413.71N/0740138.96W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

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	SARANAC LAKE	I-SLK	LOC		048.90	034.90		14.06	5400	6100
2	BURLINGTON	BTW	VOR/DME	L	301.29	286.29	37.75	37.75	5400	6100
3	SARANAC LAKE	SLK	VOR/DME	L			13.50	13.50	5400	6100

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	NE		WP	049.03	229.03	R		5	5400	7000	6	9
2	NE	I-SLK	LOC/DME	049.03	229.03	R	1		5400	6000	5	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (36-000545)	444143.00N/0735259.00W	4095	5E
2	200	TOWER (36-000545)	444143.00N/0735259.00W	4095	5E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	200	250

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

SARANAC LAKE (FAC 1) AND BURLINGTON (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 23	1, 2, 3	2	KSLK	SARANAC LAKE	NY (US)
IAP	RNAV (GPS) RWY 23		1	KSLK	SARANAC LAKE	NY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 03/29/2018

REASON FOR REVISION:

ADDED HOLDING PAT 2 AND ASSOCIATED DATA.
UPDATED ESTABLISH FIX COORDINATES REMARK.
UPDATED FIX USE - REMOVED LOC Y RWY 23 @ KSLK UPDATED IAP FROM ILS OR LOC/DME Z RWY 23 TO ILS OR LOC RWY 23.

DEVELOPED BY: DATE: 10/25/2017 OFFICE: AJV-5423 NAME: HEIDI SNIDER

APPROVED BY: DATE: OFFICE: AJV-5420 NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY:
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: LIZZZ

STATE: NY

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 443235.99N/0735334.23W

TYPE: 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	BURLINGTON	BTV	VOR/DME	L	301.29	286.29	31.75	31.75		5400	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 23			KSLK	SARANAC LAKE	NY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 03/29/2018

REASON FOR REVISION:

UPDATED FACILITY FROM HISTORY TO ACTIVE.

UPDATED FIX USE; IAP @ KSLK FROM ILS OR LOC/DME Z RWY 23 TO ILS OR LOC RWY 23.

DEVELOPED BY: DATE: 10/31/2017

OFFICE: AJV-5423

NAME: HEIDI SNIDER

APPROVED BY: DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY:
OTHER:

QUALITY
18
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RIIKE

STATE: NY

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 442842.82N/0740702.80W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	SARANAC LAKE	I-SLK	LOC		048.90	034.90		7.33	44532	3800	6100
2	SARANAC LAKE	SLK	VOR/DME	L			6.77	6.77		3800	6100

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

8260-54A FORMULA 2-16B WITH A TCH OF 59.8 AND PFAF ALT OF 3800 USED TO ESTABLISH FIX COORDINATES. ROUNDED IAPA L-V FORMULA FOR PFAF COORDINATES: 442842.80N/0740702.81W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 23	1		KSLK	SARANAC LAKE	NY (US)
IAP	RNAV (GPS) RWY 23			KSLK	SARANAC LAKE	NY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 03/29/2018

REASON FOR REVISION:

UPDATED FIX USE IAP @ KSLK FROM ILS OR LOC/DME Z RWY 23 TO ILS OR LOC RWY 23.
UPDATED REMARKS ON PFAF ESTABLISHMENT.

DEVELOPED BY:

DATE: 10/25/2017

OFFICE: AJV-5423

NAME: HEIDI SNIDER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY:
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: SARANAC LAKE VOR/DME STATE: NY COUNTRY: US ICAO REGION CODE: K6
 LATITUDE/LONGITUDE: 442304.41N/0741216.21W TYPE:

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

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

FIX RESTRICTIONS:

MCA V196 6500 EASTBOUND

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	W	SLK	VOR/DME	263.23	083.23	L	1	5000 10000	5 9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	442431.47N/0741946.46W	3074	2A
1	310	AAO	442000.00N/0740303.00W	3399	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED
 MAGVAR W14/2015

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BURLINGTON			KBTV	BURLINGTON	VT (US)
EN ROUTE	V196					(US)
EN ROUTE	V203					(US)
EN ROUTE	V282					(US)
IAP	RNAV (GPS) RWY 14			KLKP	LAKE PLACID	NY (US)
IAP	RNAV (GPS)-A			KLKP	LAKE PLACID	NY (US)
IAP	RNAV (GPS) RWY 24			KPTD	POTSDAM	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 03/29/2018

REASON FOR REVISION:

REMOVED HOLDING PAT 2 AND 3.
 UPDATED FIX USE, REMOVED VOR RWY 9, ILS OR LOC/DME Z RWY 23, VOR/DME RWY 5 & TAKEOFF MINIMUMS @ KSLK.
 ADDED MAGVAR TO REMARKS.

DEVELOPED BY: DATE: 10/25/2017 OFFICE: AJV-5423 NAME: HEIDI SNIDER

APPROVED BY: DATE: OFFICE: AJV-5420 NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
 FPO: EST
 ARTCC: ZBW
 ATC FACILITY:
 OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: TRSEA

STATE: NY

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 443626.48N/0740938.41W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	SARANAC LAKE	SLK	VOR/DME	L	022.00	008.00	13.50	13.50		5600	17500

FIX USE:

USE TYPE
IAP

USE TITLE

ILS OR LOC/DME Z RWY 23

FAC

PAT

AIRPORT IDENT
KSLK

CITY
SARANAC LAKE

STATE
NY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

DEVELOPED BY: DATE: 07/11/2011

OFFICE: AJV-352

NAME: JAMES DUBOIS

APPROVED BY: DATE: 10/25/2017

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY:
OTHER:

QUALITY
18
CHECKED