

RADIO FIX AND HOLDING DATA RECORD

NAME: BARNES VORTAC **STATE:** MA **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 420943.05N/0724258.32W **TYPE:**

AIRSPACE DOCKET: 18-AEA-16 **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	BARNES	BAF	VORTAC	L						45000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	E	BAF	VORTAC	094.75	274.75	L	1		4000	45000	4	29

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	421109.00N/0724742.00W	1306	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 AIR TRAFFIC CONTROL REQUESTED TO PROTECT SECTOR BOUNDARIES

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S).

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
FACILITY MAG VAR: 14W 1980.
CONTROLLER LOW ADDED PER ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BRADLEY			KBDL	WINDSOR LOCKS	CT (US)
DP	HANSCOM			KBED	BEDFORD	MA (US)
DP	BEVERLY			KBVY	BEVERLY	MA (US)
DP	BLZZR (RNAV)			KBOS	BOSTON	MA (US)
DP	LOGAN			KBOS	BOSTON	MA (US)
DP	REVSS (RNAV)			KBOS	BOSTON	MA (US)
DP	WYLYY (RNAV)			KBOS	BOSTON	MA (US)
DP	LAWRENCE			KLWM	LAWRENCE	MA (US)
DP	NORWOOD			KOWD	NORWOOD	MA (US)
DP	NUBLE (RNAV)			KPWM	PORTLAND	ME (US)
DP	PPOINT (RNAV)			KMHT	MANCHESTER	NH (US)
EN ROUTE	Q406					(US)
EN ROUTE	Q448					(US)
EN ROUTE	Q480					(US)
EN ROUTE	V106					(US)
EN ROUTE	V146					(US)
EN ROUTE	V292					(US)
EN ROUTE	V405					(US)
IAP	COPTER ILS OR LOC RWY 6		1	KBDL	WINDSOR LOCKS	CT (US)
IAP	ILS OR LOC RWY 24 (ALT MISSED APPROACH)		1	KBDL	WINDSOR LOCKS	CT (US)
IAP	ILS OR LOC RWY 33		1	KBDL	WINDSOR LOCKS	CT (US)
IAP	ILS OR LOC RWY 6		1	KBDL	WINDSOR LOCKS	CT (US)
IAP	ILS RWY 24 (SA CAT I - II) (ALT MISSED APPROACH)		1	KBDL	WINDSOR LOCKS	CT (US)
IAP	ILS RWY 6 (CAT II - III)		1	KBDL	WINDSOR LOCKS	CT (US)
IAP	ILS RWY 6 (SA CAT I)		1	KBDL	WINDSOR LOCKS	CT (US)
IAP	VOR/DME-B			K7B2	NORTHAMPTON	MA (US)
IAP	ILS OR LOC RWY 20			KBAF	WESTFIELD/SPRINGFIELD	MA (US)
IAP	VOR OR TACAN RWY 2			KBAF	WESTFIELD/SPRINGFIELD	MA (US)
IAP	VOR RWY 20			KBAF	WESTFIELD/SPRINGFIELD	MA (US)
IAP	RNAV (GPS) RWY 11			KORH	WORCESTER	MA (US)
STAR	NOBBI			KDXR	DANBURY	CT (US)
STAR	STELA			KHFD	HARTFORD	CT (US)
STAR	STELA			KBDL	WINDSOR LOCKS	CT (US)
STAR	HYPER (RNAV)			KHEF	WASHINGTON	DC (US)
STAR	HYPER (RNAV)			KIAD	WASHINGTON	DC (US)
STAR	STELA			KCEF	SPRINGFIELD/CHICOPEE	MA (US)
STAR	STELA			KBAF	WESTFIELD/SPRINGFIELD	MA (US)
STAR	STELA			KORH	WORCESTER	MA (US)
STAR	POPPP			KMHT	MANCHESTER	NH (US)
STAR	FLOSI (RNAV)			KEWR	NEWARK	NJ (US)
STAR	SHAFF			KEWR	NEWARK	NJ (US)
STAR	NOBBI			KLGA	NEW YORK	NY (US)
STAR	NOBBI			KHPN	WHITE PLAINS	NY (US)
STAR	HYPER (RNAV)			KCJR	CULPEPER	VA (US)

QUALITY
4
CHECKED

STAR	HYPER (RNAV)	KEZF	FREDERICKSBURG	VA (US)
STAR	HYPER (RNAV)	KFRR	FRONT ROYAL	VA (US)
STAR	HYPER (RNAV)	KJYO	LEESBURG	VA (US)
STAR	HYPER (RNAV)	KNYG	QUANTICO	VA (US)
STAR	HYPER (RNAV)	KRMN	STAFFORD	VA (US)
STAR	HYPER (RNAV)	KHWY	WARRENTON	VA (US)
STAR	HYPER (RNAV)	KOKV	WINCHESTER	VA (US)
STAR	HYPER (RNAV)	KMRB	MARTINSBURG	WV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 19

DATE OF REVISION: 09/10/2020

REASON FOR REVISION:

ADDED AIRSPACE DOCKET 18-AEA-16.
 ADDED CONTROLLER LOW/HIGH TO REQUIRED CHARTING.
 ADDED REMARK CONTROLLER LOW PER ATC REQUEST.
 DELETED UPN HOLD PATTERN AND ASSOCIATED REMARKS.
 ADDED REMARK: HOLDING LIMITED TO ESTABLISHED PATTERN(S).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: ROBERT GRIM

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

Digitally signed by

DONALD H LANIER

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZBW

ATC FACILITY: BDL APP CON

OTHER: HQ AFRC/DOVA

Jun 12, 2020

QUALITY
4
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KENNEBUNK VOR/DME **STATE:** ME **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 432532.42N/0703648.69W **TYPE:**

AIRSPACE DOCKET: 18-AEA-16 **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	KENNEBUNK	ENE	VOR/DME	H						45000

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	ENE	VOR/DME	062.00	242.00	L	1		3000	17500	4	16
2	E	ENE	VOR/DME	082.00	262.00	L	1		2400	6000	4	12
3	W	ENE	VOR/DME	267.54	087.54	R	1		2400	6000	4	5
4	E	ENE	VOR/DME	081.00	261.00	L	1		2000	6000	4	5
5	NE	ENE	VOR/DME	044.00	224.00	L	1 1/2		24000	39000	19	27
6	NE		WP	044.00	224.00	L		20	17000	45000	30	30
7	NE		WP	062.00	242.00	L		4	3000	6000	5	13
8	NE		WP	043.00	223.00	L		20	17000	45000	30	30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	432218.00N/0704009.00W	578	4E
2	200	AAO	432218.00N/0704009.00W	578	4E
2	310	AAO	432303.00N/0704709.00W	926	2C
3	200	AAO	432303.00N/0704709.00W	926	2C
4	200	AAO	432218.00N/0704009.00W	578	4E
6	265	TOWER (23-000419)	435044.24N/0704540.76W	2549	2C
7	200	AAO	432218.00N/0704009.00W	578	4E
7	310	AAO	432748.00N/0704436.00W	804	4E
8	265	TOWER (23-000419)	435044.24N/0704540.76W	2549	2C

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
PAT 2 ATC REQUEST
PAT 5 ATC REQUEST
PAT 4 ATC REQUEST
PAT 6 ATC REQUEST
PAT 7 ATC REQUEST
PAT 8 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	ILS OR LOC RWY 7	KSFM	SANFORD	ME (US)
7	RNAV (GPS) RWY 32	KSFM	SANFORD	ME (US)
7	RNAV (GPS) RWY 6	KB19	BIDDEFORD	ME (US)
7	RNAV (GPS) RWY 7	KSFM	SANFORD	ME (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
MAGVAR 17W/1970.
PAT 6 MAG VAR BOS 15W.
PAT 8 MAG VAR JFK 13W.
PAT 6 AND 8 SHARE SAME GROUND TRACK.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	HANSCOM			KBED	BEDFORD	MA (US)
DP	BEVERLY			KBVY	BEVERLY	MA (US)
DP	LOGAN			KBOS	BOSTON	MA (US)
DP	LAWRENCE			KLWM	LAWRENCE	MA (US)
DP	NORWOOD			KOWD	NORWOOD	MA (US)
DP	BANGOR			KBGR	BANGOR	ME (US)
DP	PORTLAND			KPWM	PORTLAND	ME (US)
DP	MANCHESTER			KMHT	MANCHESTER	NH (US)
DP	PEASE			KPSM	PORTSMOUTH	NH (US)
DP	TANKR			KPSM	PORTSMOUTH	NH (US)
DP	BETTE			KJFK	NEW YORK	NY (US)
DP	GREKI			KJFK	NEW YORK	NY (US)
DP	HAPIE			KJFK	NEW YORK	NY (US)
DP	MERIT			KJFK	NEW YORK	NY (US)

QUALITY
4
CHECKED

EN ROUTE	J121				(US)
EN ROUTE	J55				(US)
EN ROUTE	J573				(US)
EN ROUTE	Q480				(US)
EN ROUTE	Q822				(US)
EN ROUTE	T295				(US)
EN ROUTE	V106				(US)
EN ROUTE	V139				(US)
EN ROUTE	V167				(US)
EN ROUTE	V496				(US)
EN ROUTE	V93	1			(US)
IAP	ILS OR LOC RWY 4		KLEW	AUBURN/LEWISTON	ME (US)
IAP	HI-ILS Z OR LOC Z RWY 15		KBGR	BANGOR	ME (US)
IAP	HI-VOR/DME OR TACAN RWY 15		KBGR	BANGOR	ME (US)
IAP	HI-VOR/DME OR TACAN RWY 33		KBGR	BANGOR	ME (US)
IAP	RNAV (GPS) RWY 6	7	KB19	BIDDEFORD	ME (US)
IAP	VOR RWY 6	3	KB19	BIDDEFORD	ME (US)
IAP	ILS OR LOC RWY 1R		KBXM	BRUNSWICK	ME (US)
IAP	ILS OR LOC RWY 11	2	KPWM	PORTLAND	ME (US)
IAP	ILS OR LOC RWY 29	2	KPWM	PORTLAND	ME (US)
IAP	ILS RWY 11 (CAT II - III)	2	KPWM	PORTLAND	ME (US)
IAP	ILS RWY 11 (SA CAT I)	2	KPWM	PORTLAND	ME (US)
IAP	ILS RWY 29 (SA CAT I-II)	2	KPWM	PORTLAND	ME (US)
IAP	RNAV (GPS) RWY 11		KPWM	PORTLAND	ME (US)
IAP	RNAV (GPS) RWY 29		KPWM	PORTLAND	ME (US)
IAP	RNAV (GPS) RWY 36		KPWM	PORTLAND	ME (US)
IAP	RNAV (GPS) RWY 31		KRDK	ROCKLAND	ME (US)
IAP	ILS OR LOC RWY 7	2	KSFM	SANFORD	ME (US)
IAP	RNAV (GPS) RWY 32	7	KSFM	SANFORD	ME (US)
IAP	RNAV (GPS) RWY 7	7	KSFM	SANFORD	ME (US)
IAP	VOR RWY 25	4	KSFM	SANFORD	ME (US)
IAP	RNAV (GPS) RWY 24		KMHT	MANCHESTER	NH (US)
IAP	ILS OR LOC RWY 16		KPSM	PORTSMOUTH	NH (US)
IAP	NDB RWY 33		KDAW	ROCHESTER	NH (US)
IAP	RNAV(GPS) RWY 33		KDAW	ROCHESTER	NH (US)
STAR	OOSHN (RNAV)	6	KBOS	BOSTON	MA (US)
STAR	PARCH (RNAV)	8	KFRG	FARMINGDALE	NY (US)
STAR	ROBER	5	KFRG	FARMINGDALE	NY (US)
STAR	PARCH (RNAV)	8	KJFK	NEW YORK	NY (US)
STAR	ROBER	5	KJFK	NEW YORK	NY (US)

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

COMPULSORY REPORTING POINT: NO RECORD REVISION NUMBER: 37

REASON FOR REVISION: **DATE OF REVISION:** 09/10/2020

ADDED AIRSPACE DOCKET 18-AEA-16.

CHANGED HOLD PAT 1 LEG LENGTH FROM 1-1 1/2 TO 1.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 **NAME:** ROBERT GRIM

APPROVED BY: **DATE:** **OFFICE:** AJV-A430 **NAME:** GEORGE DAVIS

SIGNATURE: *Digitally signed by*
DONALD H LANIER

DISTRIBUTION: NFDG Jun 12, 2020
FPO: EST
ARTCC: ZBW
ATC FACILITY: PWM APP CON
OTHER:

QUALITY
4
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KYLOH

STATE: NH

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 430353.11N/0711345.49W

TYPE: WP

AIRSPACE DOCKET: 18-AEA-16

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CONTROLLER LOW PER ATC REQUEST.

FIX USE:

USE TYPE
EN ROUTE

USE TITLE
Q480

FAC PAT AIRPORT IDENT CITY

STATE
(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/10/2020

REASON FOR REVISION:

ADDED AIRSPACE DOCKET 18-AEA-16.
ADDED Q480 AIRWAY TO FIX USE.
ADDED CONTROLLER HIGH/LOW TO REQUIRED CHARTING.
ADDED REMARK CONTROLLER LOW PER ATC REQUEST.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: ROBERT GRIM

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

Digitally signed by

DONALD H LANIER

DISTRIBUTION:

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

Jul 13, 2020

QUALITY
34
CHECKED