

RADIO FIX AND HOLDING DATA RECORD

NAME: BRONC

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 423053.93N/0714321.61W

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	GARDNER	GDM	VOR/DME	L	110.99	096.99	15.00	15.00		3500	17500
2	MANCHESTER	MHT	VOR/DME	L	231.50	216.50	26.34	26.34		3500	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

GARDNER (FAC 1) AND MANCHESTER (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V431	1, 2				(US)
IAP	ILS OR LOC RWY 11	1		KBED	BEDFORD	MA (US)
IAP	RNAV (RNP) Y RWY 11			KBED	BEDFORD	MA (US)
IAP	RNAV (GPS) RWY 32			KORE	ORANGE	MA (US)
STAR	GARDNER	1, 2		KBOS	BOSTON	MA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 02/25/2021

REASON FOR REVISION:

REMOVED RNAV (GPS) Z RWY 11 AT KBED

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: NICHOLAS JACKSON

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: CESOL

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 422728.59N/0713140.41W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (RNP) Y RWY 11

FAC

PAT

AIRPORT IDENT
KBED

CITY
BEDFORD

STATE
MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 02/17/2012

OFFICE: AJV-352

NAME: DAVID SAUER

APPROVED BY:

DATE: 08/20/2012

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: BED ATCT, BOS APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: CFFGM

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 423125.72N/0712424.96W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (RNP) Y RWY 11

FAC

PAT

AIRPORT IDENT
KBED

CITY
BEDFORD

STATE
MA (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/19/2012

OFFICE: AJV-352

NAME: DAVID SAUER

APPROVED BY:

DATE: 08/20/2012

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: BOS APP CON, BED ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: CFFGN

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 422616.21N/0712610.99W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (RNP) Y RWY 11

FAC

PAT

AIRPORT IDENT
KBED

CITY
BEDFORD

STATE
MA (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/19/2012

OFFICE: AJV-352

NAME: DAVID SAUER

APPROVED BY:

DATE: 08/20/2012

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: BOS APP CON, BED ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: CFFGP

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 422457.94N/0712529.73W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (RNP) Y RWY 11

FAC

PAT

AIRPORT IDENT
KBED

CITY
BEDFORD

STATE
MA (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/19/2012

OFFICE: AJV-352

NAME: DAVID SAUER

APPROVED BY:

DATE: 08/20/2012

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: BOS APP CON, BED ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: FOVEG

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 422117.50N/0713010.58W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (RNP) Y RWY 11

FAC

PAT

AIRPORT IDENT
KBED

CITY
BEDFORD

STATE
MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/20/2012

REASON FOR REVISION:

1. DELETED FAC 1, JAMEX.
2. DELETED PAT 1.
3. DELETED REMARK "RESTRICTED BOSTON SCIENTIFIC, NATICK, MA. PRECIPITOUS TERRAIN EVALUATION COMPLETED.
4. DELETED REMARK, "HOLDING LIMITED TO ESTABLISHED PATTERN, 70 KIAS MAXIMUM".
5. UPDATED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/19/2012

OFFICE: AJV-352

NAME: DAVID SAUER

APPROVED BY:

DATE: 08/20/2012

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: BOS APP CON, BED ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: HIDRI

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 423539.36N/0713213.21W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP
IAP

USE TITLE
RNAV (GPS) Z RWY 11
RNAV (RNP) Y RWY 11

FAC PAT

AIRPORT IDENT
KBED
KBED

CITY
BEDFORD
BEDFORD

STATE
MA (US)
MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 02/25/2021

REASON FOR REVISION:

FIX MOVED 4556.90 FT NORTHEAST

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: NICHOLAS JACKSON

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: BOS APP CON, BED ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: ILEXE

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 423328.32N/0712623.35W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (RNP) Y RWY 11

FAC

PAT

AIRPORT IDENT
KBED

CITY
BEDFORD

STATE
MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 02/17/2012

OFFICE: AJV-352

NAME: DAVID SAUER

APPROVED BY:

DATE: 08/20/2012

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: BED ATCT, BOS APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: JOPVU

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 422856.21N/0712449.96W

TYPE: WP, RADAR, 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	BEDFORD	I-BED	LOC		293.13	277.13	6.52	6.51	39551	1800	4600

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-BED DME COORDINATES: 422805.50N/0711606.17W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 11	1		KBED	BEDFORD	MA (US)
IAP	RNAV (GPS) Z RWY 11			KBED	BEDFORD	MA (US)
IAP	RNAV (RNP) Y RWY 11			KBED	BEDFORD	MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 06/20/2019

REASON FOR REVISION:

FIX TYPE: DELETED "INT"; ADDED "RADAR"

FIX MAKE-UP: DELETED FAC 2 IN ADVANCE OF VORMON DECOMMISSIONING OF MHT VOR/DME.

REMARKS: DELETED "COORDINATES ESTABLISHED USING 8260.54A, FORMULA 2-16B" AND "NAME CHANGED FROM TAYUB TO JOPVU"

FIX USE: DELETED FAC 2 FROM KBED ILS OR LOC RWY 11.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5431

NAME: JACOB MAXFIELD

APPROVED BY:

DATE: 05/29/2019

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: BOS APP CON, BED ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: LOBBY **STATE:** MA **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 423015.53N/0713634.04W **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 FAC NM	FAC FEET	MRA	MAA
1	GARDNER	GDM	VOR/DME	L	110.99	096.99	20.06	20.06		2000	17500
2	MANCHESTER	MHT	VOR/DME	L	221.00	206.00		24.29		2000	17500

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	W	GDM	VORTAC	290.99	110.99	L	1	3500 17500	5 17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (25-000400)	423026.00N/0714941.00W	1364	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 AIRSPACE PROTECTION

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

GARDNER (FAC 1) AND MANCHESTER (FAC 2) USED TO ESTABLISH FIX COORDINATES
 HOLDING PATTERN OVERLAYS R-4102A SURFACE UP TO BUT NOT INCLUDING 2000.
 HOLDING PATTERN PENETRATES R-4102B 3500 TO 3995
 BOSTON APP CON IS CONTROLLING AGENCY FOR R-4102A/B.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V431	1, 2	1			(US)
IAP	ILS OR LOC RWY 11	1		KBED	BEDFORD	MA (US)
IAP	RNAV (GPS) RWY 23			KBED	BEDFORD	MA (US)
IAP	RNAV (RNP) Y RWY 11			KBED	BEDFORD	MA (US)
STAR	GARDNER	1, 2		KBOS	BOSTON	MA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10 **DATE OF REVISION:** 02/25/2021

REASON FOR REVISION:

REMOVED RNAV (GPS) Z RWY 11 AT KBED

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 **NAME:** NICHOLAS JACKSON

APPROVED BY: **DATE:** **OFFICE:** AJV-A430 **NAME:** LONNIE EVERHART

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: OMIXY

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 423952.72N/0711412.38W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (RNP) Y RWY 11

FAC

PAT

AIRPORT IDENT
KBED

CITY
BEDFORD

STATE
MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 02/17/2012

OFFICE: AJV-352

NAME: DAVID SAUER

APPROVED BY:

DATE: 08/20/2012

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: BED ATCT, BOS APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: URTOQ

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 422841.62N/0712727.49W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (RNP) Y RWY 11

FAC

PAT

AIRPORT IDENT
KBED

CITY
BEDFORD

STATE
MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 02/17/2012

OFFICE: AJV-352

NAME: DAVID SAUER

APPROVED BY:

DATE: 08/20/2012

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: BED ATCT, BOS APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: WANLA

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 422509.39N/0713940.53W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP
STAR
STAR
STAR

USE TITLE
RNAV (RNP) Y RWY 11
DREEM (RNAV)
DREEM (RNAV)
DREEM (RNAV)

FAC PAT

AIRPORT IDENT
KBED
KBED
KBVY
KLWM

CITY
BEDFORD
BEDFORD
BEVERLY
LAWRENCE

STATE
MA (US)
MA (US)
MA (US)
MA (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 02/25/2021

REASON FOR REVISION:

REMOVED RNAV (GPS) Z RWY 11 AT KBED

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: NICHOLAS JACKSON

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: WIDKA

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 422627.15N/0712941.16W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (RNP) Y RWY 11

FAC

PAT

AIRPORT IDENT
KBED

CITY
BEDFORD

STATE
MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 02/17/2012

OFFICE: AJV-352

NAME: DAVID SAUER

APPROVED BY:

DATE: 08/20/2012

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: BED ATCT, BOS APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: ZARAB

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 423657.50N/0711946.19W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (RNP) Y RWY 11

FAC

PAT

AIRPORT IDENT
KBED

CITY
BEDFORD

STATE
MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/20/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 02/17/2012

OFFICE: AJV-352

NAME: DAVID SAUER

APPROVED BY:

DATE: 08/20/2012

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: BED ATCT, BOS APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: ZELKA STATE: MA COUNTRY: US ICAO REGION CODE: K6
 LATITUDE/LONGITUDE: 422941.90N/0713312.27W TYPE: WP, RADAR, 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	BEDFORD	I-BED	LOC/DME		293.13	277.13	12.76	12.75	1900	4600

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	NW	I-BED	LOC/DME	293.13	113.13	L	1		1900	4600	4	6
2	NW		WP	292.96	112.96	L		4	1900	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	422709.00N/0713642.00W	889	4E
2	200	AAO	422709.00N/0713604.00W	889	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
 PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.
 PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER R-4102A/B.

REMARKS:

I-BED DME COORDINATES: 422805.50N/0711606.17W
 HOLDING PATTERNS PENETRATE R-4102A & 4102B
 BOSTON APP CON IS CONTROLLING AGENCY FOR R-4102A & R-4102B (SURFACE TO 3995)
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 11	1	1	KBED	BEDFORD	MA (US)
IAP	RNAV (GPS) Z RWY 11		2	KBED	BEDFORD	MA (US)
IAP	RNAV (RNP) Y RWY 11			KBED	BEDFORD	MA (US)
STAR	DREEM (RNAV)			KBED	BEDFORD	MA (US)
STAR	ZELKA (RNAV)			KBED	BEDFORD	MA (US)
STAR	DREEM (RNAV)			KBVY	BEVERLY	MA (US)
STAR	ZELKA (RNAV)			KBVY	BEVERLY	MA (US)
STAR	DREEM (RNAV)			KLWM	LAWRENCE	MA (US)
STAR	ZELKA (RNAV)			KLWM	LAWRENCE	MA (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 DATE OF REVISION: 06/20/2019

REASON FOR REVISION:

FIX TYPE: DELETED "INT"; ADDED "RADAR"
 FIX MAKE-UP: DELETED FAC 2
 REMARKS: DELETED "BEDFORD (FAC 1) AND MANCHESTER (FAC 2) USED TO ESTABLISH FIX COORDINATES"
 FIX USE: DELETED FAC 2 FROM KBED - ILS OR LOC RWY 11

INITIATED BY: DATE: ORGANIZATION: NAME:
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-5431 NAME: JACOB MAXFIELD
 APPROVED BY: DATE: 05/29/2019 OFFICE: AJV-5430 NAME: PATRICK MULQUEEN
 SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: ZIMOT

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 423747.84N/0711027.33W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	NE		WP	043.97	223.97	L	4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (25-000611)	423914.00N/0711300.00W	807	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Z RWY 11		1	KBED	BEDFORD	MA (US)
IAP	RNAV (RNP) Y RWY 11		1	KBED	BEDFORD	MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 06/20/2019

REASON FOR REVISION:

FIX TYPE: DELETED "INT" AND "DME"

FIX MAKE-UP: DELETED FAC 1 AND FAC 2

HOLDING: DELETED PAT 1

REMARKS: DELETED "LAWRENCE (FAC 1) USED TO ESTABLISH FIX COORDINATES"

FIX USE: DELETED KBED ILS OR LOC RWY 11 AND VOR RWY 23

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5431

NAME: JACOB MAXFIELD

APPROVED BY:

DATE: 05/29/2019

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZBW

ATC FACILITY: BOS APP CON, BED ATCT

OTHER: