

# RADIO FIX AND HOLDING DATA RECORD

NAME: BEEJE

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 421924.62N/0705312.93W

TYPE: 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	BOSTON	BOS	VOR/DME	H	130.00	114.00	5.00	5.00	30378	1500	2000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR-A	1		KBOS	BOSTON	MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 02/25/2021

## REASON FOR REVISION:

1. CHANGED FIX USE FROM VOR/DME-A AT KBOS TO VOR-A.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: TYLER MITCHELL

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

*Digitally signed by*

**JON DENTON**

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZBW

ATC FACILITY: BOS APP CON, BOS ATCT

OTHER:

Dec 29, 2020



# RADIO FIX AND HOLDING DATA RECORD

NAME: BOSTON VOR/DME STATE: MA COUNTRY: US ICAO REGION CODE: K6  
 LATITUDE/LONGITUDE: 422126.82N/0705922.37W 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	MAA
1	BOSTON	BOS	VOR/DME	H						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	NE	BOS	VOR/DME	030.00	210.00	R	1 1/2		18000	40000	16	27

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

HOLDING PAT 1 ATC REQUEST.  
 ASSIGNED FACILITY MAGVAR: 16W/1995.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	LOGAN			KBOS	BOSTON	MA (US)
DP	MANCHESTER			KMHT	MANCHESTER	NH (US)
DP	PEASE			KPSM	PORTSMOUTH	NH (US)
DP	TANKER			KPSM	PORTSMOUTH	NH (US)
EN ROUTE	J42					(US)
EN ROUTE	J55					(US)
EN ROUTE	Q75					(US)
EN ROUTE	Q935					(US)
EN ROUTE	V1					(US)
EN ROUTE	V141					(US)
EN ROUTE	V16					(US)
EN ROUTE	V270					(US)
EN ROUTE	V292					(US)
EN ROUTE	V3					(US)
IAP	VOR-A			KBOS	BOSTON	MA (US)
IAP	ILS OR LOC RWY 15			KHYA	HYANNIS	MA (US)
IAP	RNAV (GPS) RWY 15			KHYA	HYANNIS	MA (US)
IAP	ILS OR LOC RWY 5			KLWM	LAWRENCE	MA (US)
IAP	RNAV (GPS) RWY 5			KLWM	LAWRENCE	MA (US)
IAP	RNAV (GPS) RWY 24			KGHG	MARSHFIELD	MA (US)
IAP	RNAV (GPS) RWY 6			KGHG	MARSHFIELD	MA (US)
IAP	RNAV (GPS) RWY 23			KSFZ	PAWTUCKET	RI (US)
STAR	GARDNER			KBOS	BOSTON	MA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 20

DATE OF REVISION: 02/25/2021

## REASON FOR REVISION:

1. CHANGED VOR/DME-A TO VOR-A AT KBOS.
2. REMOVED AIRSPACE DOCKET 19-ASO-18
3. ADDED PEASE AND TANKER DP TO FIX USE.
4. ADDED MANCHESTER DP TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: TYLER MITCHELL

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

Digitally signed by

JON DENTON

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZBW

ATC FACILITY: BOS APP CON, LWM ATCT

OTHER:

Dec 29, 2020

QUALITY  
24  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: BURDY STATE: MA COUNTRY: US ICAO REGION CODE: K6  
 LATITUDE/LONGITUDE: 415719.14N/0705707.45W 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	SANDY POINT	SEY	VOR/DME	L	045.54	030.54	54.99	54.99		2000	45000

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SEY	VOR/DME	R-046	55	2000	45000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	HANSCOM	1		KBED	BEDFORD	MA (US)
DP	BEVERLY	1		KBVY	BEVERLY	MA (US)
DP	LOGAN	1		KBOS	BOSTON	MA (US)
DP	WYLYY (RNAV)			KBOS	BOSTON	MA (US)
DP	LAWRENCE	1		KLWM	LAWRENCE	MA (US)
DP	NORWOOD	1		KOWD	NORWOOD	MA (US)
EN ROUTE	V139	1				(US)
EN ROUTE	V268	1				(US)
IAP	VOR-A	1		KBOS	BOSTON	MA (US)
IAP	RNAV (GPS) RWY 14			KEWB	NEW BEDFORD	MA (US)
IAP	RNAV (GPS) RWY 23			KEWB	NEW BEDFORD	MA (US)
IAP	RNAV (GPS) RWY 32			KEWB	NEW BEDFORD	MA (US)
IAP	RNAV (GPS) RWY 35			KOWD	NORWOOD	MA (US)
IAP	RNAV (GPS) RWY 23			KSFZ	PAWTUCKET	RI (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14 DATE OF REVISION: 02/25/2021

## REASON FOR REVISION:

1. REMOVED AIRSPACE DOCKET: 19-ASO-27.
2. CHANGED FIX USE FOR KBOS FROM VOR/DME-A TO VOR-A.
3. DME AND DISTANCE FOR FAC 1 (SEY) CHANGED FROM 54.98 TO 54.99.

INITIATED BY: DATE: ORGANIZATION: NAME:  
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 NAME: TYLER MITCHELL  
 APPROVED BY: DATE: OFFICE: AJV-A430 NAME: LONNIE EVERHART  
 SIGNATURE: *Digitally signed by* JON DENTON  
 Dec 29, 2020

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

QUALITY  
24  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: KYLES

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 421545.25N/0704213.34W

TYPE: WP, RADAR, 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	BOSTON	BOS	VOR/DME	H	130.00	114.00	13.94	13.94		4000	17500
2	SANDY POINT	SEY	VOR/DME	L	045.54	030.54		76.49		4000	17500

**EXPANDED SERVICE VOLUME (ESV):**

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SEY	VOR/DME	R-046	77	6000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**REMARKS:**

BOSTON (FAC 1) AND SANDY POINT (FAC 2) USED TO ESTABLISH FIX COORDINATES

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V139	1, 2				(US)
EN ROUTE	V268	1, 2				(US)
IAP	VOR-A	1, 2		KBOS	BOSTON	MA (US)
IAP	RNAV (GPS) RWY 24			KPYM	PLYMOUTH	MA (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 02/25/2021

**REASON FOR REVISION:**

1. FIX USE FOR KBOS CHANGED FROM VOR/DME-A TO VOR-A.
2. ESV CORRECTED MIN/MAX ALTITUDE FROM 3000/18000 TO 6000/17500.
3. ADDED CONTROLLER LOW TO REQUIRED CHARTING.
4. CORRECTED FORMATTING IN FIX USE FOR V139-268.
5. ADDED BOSTON (FAC 1) AND SANDY POINT (FAC 2) USED TO ESTABLISH FIX COORDINATES TO REMARKS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: TYLER MITCHELL

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

*Digitally signed by*

**JON DENTON**

DISTRIBUTION:

NFDC

Dec 29, 2020

FPO: EST

ARTCC: ZBW

ATC FACILITY: BOS APP CON, BOS ATCT

OTHER:



# RADIO FIX AND HOLDING DATA RECORD

NAME: MINNT

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 421722.06N/0704703.87W

TYPE: RADAR, 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	BOSTON	BOS	VOR/DME	H	130.00	114.00	10.00	10.00		3000	7000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR-A	1		KBOS	BOSTON	MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 02/25/2021

## REASON FOR REVISION:

1. FIX USE FOR KBOS CHANGED FROM VOR/DME-A TO VOR-A.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: TYLER MITCHELL

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE: *Digitally signed by*

**JON DENTON**

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZBW

ATC FACILITY: BOS APP CON, BOS ATCT

OTHER:

Dec 29, 2020

QUALITY  
24  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: SANDY POINT VOR/DME

STATE: RI

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 411002.77N/0713433.91W

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	FEET	MRA	MAA
1	SANDY POINT	SEY	VOR/DME	L							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	E	SEY	VOR/DME	098.90	278.90	L	1		2000	17500	4	16
2	E	SEY	VOR/DME	094.00	274.00	R	1		1700	7000	4	8
3	E	WP	WP	098.90	278.90	L		4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	WINDMILL (44-020409)	410732.60N/0713027.23W	659	8D
2	200	WINDMILL (44-020409)	410732.60N/0713027.23W	659	8D
2	310	WINDMILL (44-020409)	410732.60N/0713027.23W	659	8D
3	200	WINDMILL (44-020409)	410732.60N/0713027.23W	659	8D

REASON FOR NONSTANDARD HOLDING:

PAT 1 AIR TRAFFIC AIRSPACE BOUNDARIES  
PAT 3 AIR TRAFFIC AIRSPACE BOUNDARIES

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	VOR RWY 28	KBID	BLOCK ISLAND	RI (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
SECONDARY HOLDING FOR JFK APPROACHES (PAT 1).  
ASSIGNED FACILITY MAGVAR: 15W (1985).  
CONTROLLER LOW PER ATC REQUEST.

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	SSOXS (RNAV)			KBOS	BOSTON	MA (US)
DP	WYLYY (RNAV)			KBOS	BOSTON	MA (US)
DP	LAWRENCE			KLWM	LAWRENCE	MA (US)
DP	NORWOOD			KOWD	NORWOOD	MA (US)
EN ROUTE	Q220					(US)
EN ROUTE	V268					(US)
EN ROUTE	V34		1			(US)
EN ROUTE	V58		1			(US)
EN ROUTE	T216					RI (US)
IAP	ILS OR LOC RWY 5			KGON	GROTON (NEW LONDON)	CT (US)
IAP	RNAV (GPS) RWY 33			KGON	GROTON (NEW LONDON)	CT (US)
IAP	VOR RWY 5			KGON	GROTON (NEW LONDON)	CT (US)
IAP	ILS OR LOC RWY 5			KEWB	NEW BEDFORD	MA (US)
IAP	RNAV (GPS) RWY 06		3	KMTP	MONTAUK	NY (US)
IAP	RNAV (GPS) RWY 24			KMTP	MONTAUK	NY (US)
IAP	VOR RWY 28		2	KBID	BLOCK ISLAND	RI (US)
IAP	VOR/DME RWY 10			KBID	BLOCK ISLAND	RI (US)
IAP	LOC RWY 22			KUUU	NEWPORT	RI (US)
IAP	ILS OR LOC RWY 16			KOQU	NORTH KINGSTOWN	RI (US)
IAP	VOR RWY 34			KOQU	NORTH KINGSTOWN	RI (US)
IAP	LOC RWY 07			KWST	WESTERLY	RI (US)
IAP	RNAV (GPS) RWY 07			KWST	WESTERLY	RI (US)
STAR	NEWBE			KACK	NANTUCKET	MA (US)
STAR	PARCH (RNAV)			KFRG	FARMINGDALE	NY (US)
STAR	ROBER			KFRG	FARMINGDALE	NY (US)
STAR	PARCH (RNAV)			KJFK	NEW YORK	NY (US)
STAR	ROBER			KJFK	NEW YORK	NY (US)

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

QUALITY  
24  
CHECKED

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15

DATE OF REVISION: 02/25/2021

## REASON FOR REVISION:

1. REMOVED AIRSPACE DOCKET #19-ASO-27.
2. FIX USE: REMOVED VOR/DME-A AT KBOS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: TYLER MITCHELL

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

*Digitally signed by***JON DENTON**

DISTRIBUTION:

NFDC

Dec 29, 2020

FPO: EST

ARTCC: ZBW

ATC FACILITY: PVD APP CON, GON APP CON, NYC APP CON

OTHER:

QUALITY  
24  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: TONNI STATE: MA COUNTRY: US ICAO REGION CODE: K6  
 LATITUDE/LONGITUDE: 422224.06N/0703648.72W 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	SANDY POINT	SEY	VOR/DME	L	045.54	030.54		84.25	6000	17500
2	KENNEBUNK	ENE	VOR/DME	H	197.00	180.00	63.12	63.12	6000	17500
3	BOSTON	BOS	VOR/DME	H	102.61	086.61		16.75	5000	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SEY	VOR/DME	R-046	85	6000	17500
ENE	VOR/DME	R-197	64	6000	14700

## FIX RESTRICTIONS:

MRA V139 6000  
 MRA V268 6000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

KENNEBUNK (FAC 2) AND BOSTON (FAC 3) USED TO ESTABLISH FIX COORDINATES

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CELT (RNAV)			KBOS	BOSTON	MA (US)
EN ROUTE	V139	1, 2, 3				(US)
EN ROUTE	V268	1, 2, 3				(US)
IAP	VOR-A	1		KBOS	BOSTON	MA (US)
IAP	RNAV (GPS) RWY 24			KGHG	MARSHFIELD	MA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 21 DATE OF REVISION: 02/25/2021

## REASON FOR REVISION:

1. UPDATED FIX USE FOR KBOS FROM VOR/DME-A TO VOR-A AND ADDED FAC 1.
2. CORRECTED ESV FOR SEY FROM MIN/MAX ALT OF 3000/18000 TO 6000/17500.
3. CORRECTED ESV FOR ENE FROM MAX ALT OF 17500 TO 14700.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 NAME: TYLER MITCHELL

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

SIGNATURE: Digitally signed by  
 JON DENTON

DISTRIBUTION: NFDC  
 FPO: EST  
 ARTCC: ZBW  
 ATC FACILITY: BOS APP CON, BOS ATCT  
 OTHER:  
 Dec 29, 2020

QUALITY  
 24  
 CHECKED



# RADIO FIX AND HOLDING DATA RECORD

NAME: WAXEN

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 423504.42N/0705446.69W

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	MRA	MAA
1	BOSTON	BOS	VOR/DME	H	029.99	013.99	14.04	14.04	3000	17500
2	MANCHESTER	MHT	VOR/DME	L	145.00	130.00	26.42	26.42	3000	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	NE	BOS	VOR/DME	029.99	209.99	L	1		3000	8000	5	9
2	NE		WP	028.99	208.99	L		4	3000	8000	5	9
3	SE	MHT	VOR/DME	145.00	325.00	R	1		3000	6000	5	6

**CONTROLLING OBSTRUCTIONS:**

PAT	AIR SPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	424218.00N/0705333.00W	499	3E
2	200	AAO	424218.00N/0705333.00W	499	3E
3	200	AAO	423957.00N/0705324.00W	476	3E

**REASON FOR NONSTANDARD HOLDING:**

PAT 1 ATC APPROVED  
PAT 2 ATC REQUESTED

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERNS.

**REMARKS:**

BOSTON (FAC 1) AND MANCHESTER (FAC 2) USED TO ESTABLISH FIX COORDINATES  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V3	1, 2				(US)
IAP	ILS OR LOC RWY 33L	1, 2	1	KBOS	BOSTON	MA (US)
IAP	ILS OR LOC RWY 4R	1, 2	1, 3	KBOS	BOSTON	MA (US)
IAP	ILS RWY 04R (CAT II-III)	1, 2	1, 3	KBOS	BOSTON	MA (US)
IAP	ILS RWY 04R (SA CAT I)	1	1, 3	KBOS	BOSTON	MA (US)
IAP	ILS RWY 33L (CAT II-III)	1, 2	1	KBOS	BOSTON	MA (US)
IAP	ILS RWY 33L (SA CAT I)	1, 2	1	KBOS	BOSTON	MA (US)
IAP	RNAV (GPS) RWY 04R		2	KBOS	BOSTON	MA (US)
IAP	RNAV (GPS) RWY 33L		2	KBOS	BOSTON	MA (US)
IAP	VOR-A	1	1	KBOS	BOSTON	MA (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 13

**DATE OF REVISION:** 02/25/2021

**REASON FOR REVISION:**

1. CHANGED FIX USE FROM VOR/DME-A USING FAC 1,2 AT KBOS TO VOR-A USING FAC 1 AT KBOS.
2. CORRECTED FORMAT IN FIX USE FOR ALL CAT II AND III ILS PROCEDURES.
3. ADDED CONTROLLER LOW TO REQUIRED CHARTING.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A432

**NAME:** TYLER MITCHELL

**APPROVED BY:**

**DATE:**

**OFFICE:** AJV-A430

**NAME:** LONNIE EVERHART

**SIGNATURE:**

*Digitally signed by*

**JON DENTON**

**DISTRIBUTION:**

NFDC

FPO: EST

ARTCC: ZBW

ATC FACILITY: BOS APP CON, BOS ATCT

OTHER:

Dec 29, 2020

