

RADIO FIX AND HOLDING DATA RECORD

NAME: BURRK

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 415838.16N/0703920.37W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

8260.54A FORMULA 2-16B USED TO ESTABLISH COORDINATES.

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 24

FAC

PAT

AIRPORT IDENT
KPYM

CITY
PLYMOUTH

STATE
MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 08/25/2011

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 02/28/2011

OFFICE: AJV-352

NAME: DONALD SMITH (JEFFREY RAWDON)

APPROVED BY:

DATE: 06/23/2011

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: GAILS **STATE:** MA **COUNTRY:** US **ICAO REGION CODE:** K6
LATITUDE/LONGITUDE: 415208.51N/0702407.69W **TYPE:** WP, RADAR, INT, DME
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	BOSTON	BOS	VOR/DME	H	153.96	137.96	39.32	39.32	3000	17500
2	PROVIDENCE	PVD	VOR/DME	H	093.00	079.00		46.92	5500	17500
3	NANTUCKET	ACK	VOR/DME	H	349.48	334.48	39.06	39.06	1700	17500
4	MARCONI	LFV	VOR/DME	H	257.58	241.58		18.60	2500	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
PVD	VOR/DME	R-093	47	5500	14600

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	S		WP	170.23	350.23	R	4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	414403.00N/0702057.00W	240	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

BOSTON (FAC 1) AND PROVIDENCE (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	T393					(US)
EN ROUTE	V141					(US)
IAP	COPTER ILS Y OR LOC Y RWY 23	1, 2, 3, 4		KFMH	FALMOUTH	MA (US)
IAP	ILS Z OR LOC Z RWY 23	1, 4		KFMH	FALMOUTH	MA (US)
IAP	RNAV (GPS) RWY 14	1, 4		KFMH	FALMOUTH	MA (US)
IAP	ILS OR LOC RWY 24			KHYA	HYANNIS	MA (US)
IAP	RNAV (GPS) RWY 6			KHYA	HYANNIS	MA (US)
IAP	RNAV (GPS) RWY 24			KGHG	MARSHFIELD	MA (US)
IAP	RNAV (GPS) RWY 15		1	KPYM	PLYMOUTH	MA (US)
IAP	RNAV (GPS) RWY 24		1	KPYM	PLYMOUTH	MA (US)
IAP	RNAV (GPS) RWY 33		1	KPYM	PLYMOUTH	MA (US)
IAP	RNAV (GPS) RWY 30			KTAN	TAUNTON	MA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 20

DATE OF REVISION: 02/25/2021

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED 19-ANE-5 TO 19-ANE-8.
 FIX MAKE-UP FACILITIES: CHANGED FAC 2 (PVD) MRA FROM 3000 TO 5500 - ESVMs VALUE.
 HOLDING RESTRICTIONS: MOVED HOLDING RESTRICTION STATEMENT FROM FIX RESTRICTIONS.
 REMARKS: ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 FIX USE: REMOVED V151.
 REQUIRED CHARTING: REMOVED DP AND MILITARY 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: ATL
 ARTCC: ZBW

ATC FACILITY: CAPE APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: INNDY **STATE:** MA **COUNTRY:** US **ICAO REGION CODE:** K6
LATITUDE/LONGITUDE: 414619.19N/0710555.93W **TYPE:** WP, INT, DME
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	SANDY POINT	SEY	VOR/DME	L	045.54	030.54	42.16	42.16	2000	17500
2	PROVIDENCE	PVD	VOR/DME	H	093.00	079.00	15.13	15.13	5500	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SEY	VOR/DME	R-046	43	2000	17500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING ALTITUDES DME	MIN	MAX	MIN	MAX
1	SE		WP	150.61	330.61	L		4	2000	6000	4	12

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	414317.00N/0710334.00W	656	2C
1	310	TOWER (44-000031)	413549.00N/0711121.00W	1048	1D

REASON FOR NONSTANDARD HOLDING:

PAT 1 AT REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 12	KTAN	TAUNTON	MA (US)
1	RNAV (GPS) RWY 30	KTAN	TAUNTON	MA (US)

REMARKS:

SANDY POINT (FAC 1) AND PROVIDENCE (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T393					(US)
EN ROUTE	V139	1, 2				(US)
EN ROUTE	V268	1, 2				(US)
IAP	RNAV (GPS) RWY 32			KBOS	BOSTON	MA (US)
IAP	RNAV (GPS) RWY 14			KFMH	FALMOUTH	MA (US)
IAP	RNAV (GPS) RWY 32		1	KEWB	NEW BEDFORD	MA (US)
IAP	RNAV (GPS) RWY 24			KPYM	PLYMOUTH	MA (US)
IAP	RNAV (GPS) RWY 12		1	KTAN	TAUNTON	MA (US)
IAP	RNAV (GPS) RWY 30		1	KTAN	TAUNTON	MA (US)
IAP	RNAV (GPS) RWY 34			KPVD	PROVIDENCE	RI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11 **DATE OF REVISION:** 02/25/2021

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED FROM 19-ANE-5 TO 19-ANE-8.
 FIX MAKE-UP FACILITIES: EXCHANGED FACS 1 AND 2. CHANGED FAC 2 (PVD) MRA FROM 3000 TO 5500 - PVD VOR/DME RESTRICTION.
 HOLDING: CHANGED PAT 1 MIN/MAX TEMPLATES FROM 5/6 TO 4/12. REMOVED PAT 2 AND ASSOCIATED DATA.
 FIX USE: REMOVED V151. REMOVED KBOS NORWICH STAR.
 REQUIRED CHARTING: REMOVED STAR AND MILITARY 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:** ATL**ARTCC:** ZBW**ATC FACILITY:** EWB TOWER, PVD APP CON**OTHER:** BOS APP CON

RADIO FIX AND HOLDING DATA RECORD

NAME: JEKDI

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 420424.96N/0703254.99W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION: ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING MIN	ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	NE		WP	055.68	235.68	R	4	2000	6000	4 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	420451.00N/0703915.00W	250	4E

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) RWY 24		1	KPYM	PLYMOUTH	MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 08/25/2011

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 02/28/2011

OFFICE: AJV-352

NAME: DONALD SMITH (JEFFREY RAWDON)

APPROVED BY:

DATE: 06/23/2011

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

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

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	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:

DISTRIBUTION:

NFDC
FPO: ATL
ARTCC: ZBW
ATC FACILITY: BOS APP CON, BOS TOWER
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: MARCONI VOR/DME **STATE:** MA **COUNTRY:** US **ICAO REGION CODE:** K6
LATITUDE/LONGITUDE: 420101.88N/0700214.04W **TYPE:**
AIRSPACE DOCKET: 22-ASO-9 **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	MARCONI	LFV	VOR/DME	VH							45000

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	S	LFV	VOR/DME	180.00	360.00	L	1		2000	31000	4	23
2	S		WP	180.00	360.00	L		4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	420101.00N/0700311.00W	399	2C
1	310	TOWER (25-000161)	414649.10N/0700034.17W	515	2C
2	200	AAO	420106.00N/0700312.00W	397	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 PROTECTION OF CONTROL AREA 1142
 PAT 2 PROTECTION OF CONTROL AREA 1142

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 15	KHYA	HYANNIS	MA (US)
1	VOR RWY 6	KHYA	HYANNIS	MA (US)
1	ILS OR LOC RWY 7 (ALT MISSED)	KPVC	PROVINCETOWN	MA (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED FACILITY MAGVAR: 16W/1995.

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	WYLYY (RNAV)			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)
EN ROUTE	V167					(US)
IAP	ILS OR LOC RWY 15R			KBOS	BOSTON	MA (US)
IAP	ILS OR LOC RWY 22L			KBOS	BOSTON	MA (US)
IAP	RNAV (GPS) - B			KCQX	CHATHAM	MA (US)
IAP	COPTER ILS Y OR LOC Y RWY 23			KFMH	FALMOUTH	MA (US)
IAP	ILS Z OR LOC Z RWY 23			KFMH	FALMOUTH	MA (US)
IAP	RNAV (GPS) RWY 23			KFMH	FALMOUTH	MA (US)
IAP	RNAV (GPS) RWY 32			KFMH	FALMOUTH	MA (US)
IAP	ILS OR LOC RWY 15		1	KHYA	HYANNIS	MA (US)
IAP	ILS OR LOC RWY 24			KHYA	HYANNIS	MA (US)
IAP	RNAV (GPS) RWY 15		2	KHYA	HYANNIS	MA (US)
IAP	RNAV (GPS) RWY 24			KHYA	HYANNIS	MA (US)
IAP	RNAV (GPS) RWY 33			KHYA	HYANNIS	MA (US)
IAP	VOR RWY 6		1	KHYA	HYANNIS	MA (US)
IAP	RNAV (GPS) RWY 24			KACK	NANTUCKET	MA (US)
IAP	RNAV (GPS) RWY 33			KACK	NANTUCKET	MA (US)
IAP	ILS OR LOC RWY 6			KPYM	PLYMOUTH	MA (US)
IAP	RNAV (GPS) RWY 24			KPYM	PLYMOUTH	MA (US)
IAP	RNAV (GPS) RWY 33			KPYM	PLYMOUTH	MA (US)
IAP	RNAV (GPS) RWY 6			KPYM	PLYMOUTH	MA (US)
IAP	ILS OR LOC RWY 7 (ALT MISSED)		1	KPVC	PROVINCETOWN	MA (US)
IAP	NDB RWY 25			KPVC	PROVINCETOWN	MA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 19

DATE OF REVISION: 04/20/2023

REASON FOR REVISION:

ADDED AIRSPACE DOCKET NUMBER 22-ASO-9.

FIX USE: REMOVED EN ROUTE J174 (US) AND EN ROUTE J79 (US).

FIX USE: UPDATED ENROUTE "VI67" TO "V167".

INITIATED BY:**DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

NAME: MICHAEL HARRIS**APPROVED BY:****DATE:** 04/20/2023**OFFICE:** AJV-A420**NAME:** MARLON ROBINSON**SIGNATURE:**

RADIO FIX AND HOLDING DATA RECORD

NAME: SMITY

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 415602.42N/0704212.92W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 24

FAC

PAT

AIRPORT IDENT
KPYM

CITY
PLYMOUTH

STATE
MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 08/25/2011

REASON FOR REVISION:

FIX MOVED 2.50 NM SOUTHWEST; COORDINATES UPDATED.
REMOVED KPYM R06 AS FAC 1.
UPDATED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/01/2011

OFFICE: AJV-352

NAME: DONALD SMITH (JEFFREY RAWDON)

APPROVED BY:

DATE: 06/23/2011

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: WIREG

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 415937.14N/0702510.34W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 24

FAC

PAT

AIRPORT IDENT
KPYM

CITY
PLYMOUTH

STATE
MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 08/25/2011

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 02/28/2011

OFFICE: AJV-352

NAME: DONALD SMITH (JEFFREY RAWDON)

APPROVED BY:

DATE: 06/23/2011

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

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