

RADIO FIX AND HOLDING DATA RECORD

NAME: BODYA

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 420717.95N/0710755.95W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	NORWOOD	I-OWD	LOC/DME		169.76	154.76	4.90	4.92	29913	1400	4500

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

I-OWD DME COORDINATES: 421143.16N/0711047.61W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC RWY 35	1		KOWD	NORWOOD	MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 06/12/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A33

NAME: RYAN PIPKIN

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A33

NAME: JOHN BORDY

SIGNATURE:



RADIO FIX AND HOLDING DATA RECORD

NAME: CLNNT

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 420555.99N/0711910.30W

TYPE: INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

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	VH	239.60	223.60	21.37	21.37		2000	17500
2	GARDNER	GDM	VOR/DME	L	142.95	128.95		42.42		2000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
GDM	VOR/DME	R-143	43	2000	17500

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 ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NE	BOS	VOR/DME	239.60	239.60	R	1		2000	6000	5	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (25-020008)	420544.10N/0711348.60W	878	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S).

REMARKS:

PRECIPITIOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC RWY 35	1, 2	1	KOWD	NORWOOD	MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 06/12/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A33

NAME: RYAN PIPKIN

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A33

NAME: JOHN BORDY

SIGNATURE:

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CURLI

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 420055.04N/0710354.34W

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	FEET	MRA	MAA
1	NORWOOD	I-OWD	LOC/DME		169.77	154.77	11.95	11.97		2200	4500
2	PROVIDENCE	PVD	VOR/DME	H	057.00	043.00		23.91		2200	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

NORWOOD (FAC 1) AND PROVIDENCE (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC RWY 35	1, 2		KOWD	NORWOOD	MA (US)
IAP	RNAV (GPS) RWY 35			KOWD	NORWOOD	MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 06/12/2025

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: REMOVED FAC 3 BOSTON BOS VOR/DME.
2. FIX USE: IAP LOC RWY 35- REMOVED FAC 3.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A420

NAME: RYAN PIPKIN

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A420

NAME: BEV L BORDY

SIGNATURE:



RADIO FIX AND HOLDING DATA RECORD

NAME: DIKEY

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 420917.33N/0710911.46W

TYPE: 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	FEET	MRA	MAA
1	NORWOOD	I-OWD	LOC/DME		169.76	154.76	2.71	2.71		600	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-OWD DME COORDINATES: 421143.16N/0711047.61W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC RWY 35	1		KOWD	NORWOOD	MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 06/12/2025

REASON FOR REVISION:

1. LATITUDE/LONGITUDE CHANGED FROM 420929.52N/0710919.18W TO 420917.33N/0710911.46W. - FIX MOVED 1364.6 FT SE.
2. FIX MAKE-UP FACILITIES: MAG/TRUE BRG CHANGED FROM 169.77/154.77 TO 169.76/154.76; DME CHANGED FROM 2.48 TO 2.71; DIST FROM FAC CHANGED FROM 2.50 TO 2.71; MRA CHANGED FROM 480 TO 600.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A33

NAME: RYAN PIPKIN

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A33

NAME: JOHN BORDY

SIGNATURE:

QUALITY
4
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MILIS

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 420618.59N/0711841.62W

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 FEET	MRA	MAA
1	BOSTON	BOS	VOR/DME	DH	239.60	223.60	20.86	20.86	2000	17500
2	GARDNER	GDM	VOR/DME	L	142.25	128.25		42.46	2000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
GDM	VOR/DME	R-142	43	2000	17500

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

REMARKS:

SECTIONAL ADDED PER ATC REQUEST
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T224					(US)
EN ROUTE	V3	1, 2				(US)
IAP	COPTER RNAV (GPS) Y RWY 14			1B9	MANSFIELD	MA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 23

DATE OF REVISION: 06/12/2025

REASON FOR REVISION:

1. FIX MAKE-UP: REMOVED PROVIDENCE (PVD).
2. REMARKS: DELETED BOSTON (FAC 1) AND PROVIDENCE (FAC 2) USED TO ESTABLISH FIX COORDINATES.
3. FIX USE: REMOVED IAP LOC RWY 35, KOWD.
4. FIX USE: V3, REMOVED FAC 3.
5. HOLDING: REMOVED PAT 1.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A33

NAME: RYAN PIPKIN

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A33

NAME: JOHN BORDY

SIGNATURE:



RADIO FIX AND HOLDING DATA RECORD

NAME: WHYBE

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 421513.83N/0712459.53W

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	BOSTON	BOS	VOR/DME	VH	268.04	252.04	20.00	20.00	3000	17500
2	GARDNER	GDM	VOR/DME	L	135.34	121.34	33.47	33.47	3000	17500
3	PUTNAM	PUT	VOR/DME	H	060.72	046.72		26.17	3000	17500

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	E	BOS	VOR/DME	268.04	268.04	R	1		3000	17500	6	18
2	E	WP	WP	088.04	268.04	R		4	3000	6000	5	6
3	SE	GDM	VOR/DME	135.34	315.34	R	1		3000	17500	6	18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (25-000031)	421837.18N/0711411.71W	1447	1A
2	200	TOWER (25-000031)	421837.18N/0711411.71W	1447	1A
3	200	TOWER (25-000196)	422048.00N/0712656.00W	826	4D
3	310	TOWER (25-000619)	422302.73N/0712935.33W	1462	2A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
3	LOC RWY 35	KOWD	NORWOOD	MA (US)

REMARKS:

BOSTON (FAC 1) AND GARDNER (FAC 2) USED TO ESTABLISH FIX COORDINATES.
SECTIONAL CHARTING PER ATC REQUEST.
PRECIPITOUS TERRAIN EVALUATION COMPLETED
HOLDING PATTERN 1 ON LOW ENROUTE UTILIZES FAC 1 AND 2.
PATTERN 3 IS UNCHARTED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T303					(US)
EN ROUTE	V1	1, 2, 3	1			(US)
IAP	RNAV (GPS) RWY 23			KBED	BEDFORD	MA (US)
IAP	RNAV (GPS) RWY 32		2	1B9	MANSFIELD	MA (US)
IAP	RNAV (GPS) Z RWY 14			1B9	MANSFIELD	MA (US)
IAP	LOC RWY 35	2, 3	3	KOWD	NORWOOD	MA (US)
IAP	RNAV (GPS) RWY 35		2	KOWD	NORWOOD	MA (US)
IAP	RNAV (GPS) RWY 29			KORH	WORCESTER	MA (US)
IAP	RNAV (GPS) RWY 23		2	KSFZ	PAWTUCKET	RI (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13

DATE OF REVISION: 06/12/2025

REASON FOR REVISION:

1. FIX MAKE-UP: FAC 3 DELETED DME.
2. CONTROLLING OBSTRUCTION PAT 3 TOWER (25-000196) ACCURACY CODE CHANGED FROM 5D TO 4D.
3. ADDED CONTROLLING OBSTRUCTION PAT 3 AIRSPEED 310 TOWER (25-000619) 422302.73N/0712935.33W 1462 2A.
4. ADDED PROCEDURE REQUIRING CLIMB-IN-HOLD PAT 3 LOC RWY 35 KOWD NORWOOD MA (US).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A33

NAME: RYAN PIPKIN

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A33

NAME: JOHN BORDY

SIGNATURE:

