

RADIO FIX AND HOLDING DATA RECORD

NAME: EXXRO

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 423438.27N/0711135.48W

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
STAR

USE TITLE
RNAV (GPS) RWY 9
ZELKA (RNAV)
ZELKA (RNAV)
ZELKA (RNAV)
ZELKA (RNAV)

FAC

PAT

AIRPORT IDENT
KBVY
KBED
KBVY
KLWM

CITY
BEVERLY
BEDFORD
BEVERLY
LAWRENCE

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

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

1. FIX USE: REMOVED STAR DREEM (RNAV) AT KBED, KBVY, AND KLWM; RNAV (RNP) Y RWY 29 AT KBED.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: LWRNC

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 424425.51N/0710542.27W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ENROUTE/CONTROLLER LOW/HIGH CHARTING REQUESTED BY ATC.

FIX USE:
USE TYPE

IAP
IAP

USE TITLE

RNAV (GPS) RWY 23
RNAV (GPS) RWY 29

FAC

PAT

AIRPORT IDENT

KBED
KBED

CITY

BEDFORD
BEDFORD

STATE

MA (US)
MA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

1. FIX USE: REMOVED RNAV (RNP) Y RWY 11 AND RNAV (RNP) Y RWY 29 AT KBED; ADDED RNAV (GPS) RWY 29 AT KBED.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: SOSYO

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 422914.45N/0712555.75W

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	GARDNER	GDM	VOR/DME	VL	111.00	097.00	28.00	28.00	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	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	E	GDM	VOR/DME	111.00	291.00	R	1		2000	6000	4	6
2	SE		WP	113.00	293.00	R		4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	423000.00N/0713133.00W	712	4E
2	200	AAO	422936.00N/0713115.00W	666	4B
2	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
2	RNAV (GPS) RWY 29	KBED	BEDFORD	MA (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
CHART ON SECTIONAL - ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T608					(US)
EN ROUTE	V431	1				(US)
IAP	ILS OR LOC RWY 29	1	1	KBED	BEDFORD	MA (US)
IAP	RNAV (GPS) RWY 29		2	KBED	BEDFORD	MA (US)
IAP	RNAV (GPS) RWY 5			KLWM	LAWRENCE	MA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

1. UPDATED FIX MAKE-UP FACILITY: GARDNER (GDM) VOR/DME CLASS FROM L TO VL.
2. HOLDING PATTERN 2: UPDATED CONTROLLING OBSTRUCTION FROM 712 AAO (4E) TO 666 AAO (4B); ADDED 310K CONTROLLING OBSTRUCTION.
3. ADDED PROCEDURES REQUIRING CLIMB-IN-HOLD: RNAV (GPS) RWY 29 AT KBED.
4. FIX USE: REMOVED RNAV (RNP) Y RWY 29 AT KBED AND RNAV (GPS) Z RWY 29; ADDED RNAV (GPS) RWY 29 AT KBED.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE: