

RADIO FIX AND HOLDING DATA RECORD

NAME: BLUUM

STATE: NH

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 430302.76N/0713014.91W

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 FAC NM	MRA	MAA
1	MANCHESTER	I-MNA	LOC/DME		351.52	336.52	6.89	8.82	2500	4700

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	ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	N		WP	351.48	171.48	L	4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	430657.00N/0713706.00W	1145	4E
1	310	AAO	432248.00N/0713248.00W	1536	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) Y RWY 35	KMHT	MANCHESTER	NH (US)
1	RNAV (RNP) Z RWY 35	KMHT	MANCHESTER	NH (US)

REMARKS:

I-MNA DME COORDINATES: 425642.13N/0712635.39W
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 17	1		KMHT	MANCHESTER	NH (US)
IAP	RNAV (GPS) Y RWY 17			KMHT	MANCHESTER	NH (US)
IAP	RNAV (GPS) Y RWY 35		1	KMHT	MANCHESTER	NH (US)
IAP	RNAV (RNP) Z RWY 17			KMHT	MANCHESTER	NH (US)
IAP	RNAV (RNP) Z RWY 35		1	KMHT	MANCHESTER	NH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 05/16/2024

REASON FOR REVISION:

DELETED FAC 2: MHT VOR/DME, FOR VOR MON

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOSEPH ZEDER

APPROVED BY:

DATE: 01/25/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by

CASIMIR L TABAKA

Jan 26, 2024

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MANCH

STATE: NH

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 425212.03N/0712206.54W

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 FAC NM	FEET	MRA	MAA
1	CONCORD	CON	VOR/DME	L	171.47	156.47	22.87	22.87		2100	17500

HOLDING:

HOLDING TYPE OF ACTION: ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	S	CON	VOR/DME	171.47	351.47	R	1		2100	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (33-023160)	424900.40N/0711611.50W	869	2C
1	310	TOWER (33-023161)	430229.40N/0712142.20W	1049	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 17	KMHT	MANCHESTER	NH (US)

REMARKS:

CHART ON EN ROUTE HIGH AND CONTROLLER HIGH PER ATC REQUEST.
CHART ON SECTIONAL - ATC REQUEST.
PRECIPTIOUS TERRAIN EVALUATION COMPLETED.

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	HYLAND (RNAV)			KBOS	BOSTON	MA (US)
DP	LBSTA (RNAV)			KBOS	BOSTON	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)
EN ROUTE	T314					(US)
EN ROUTE	T316					(US)
IAP	ILS OR LOC RWY 17	1	1	KMHT	MANCHESTER	NH (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 05/16/2024

REASON FOR REVISION:

FIX TYPE: ADDED DME.
FIX USE: ADD KMHT ILS OR LOC RWY 17. KBOS LBSTA (RNAV) AND HYLND (RNAV) SIDS.
HOLDING: ADDED PAT 1 AND ASSOCIATED NOTES.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOSEPH ZEDER

APPROVED BY:

DATE: 01/25/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA

Jan 26, 2024

