

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

**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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	N		WP	351.48	171.48	L		4	3000	1145	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.

**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  
IPDS BUILD COORDINATES: 430302.76N/0713014.910W

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC/DME 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:** 1 **DATE OF REVISION:** 08/17/2017

**REASON FOR REVISION:**

1. UPDATE FAC 1, CHANGED I-MNA MAG BRG FROM 352.52 TO 351.52.  
2. UPDATE HOLDING PAT 1, CHANGED RAD/CRS/BRG / CRS INBOUND FROM 352.48/172.48 TO 351.48/171.48.

**DEVELOPED BY:** **DATE:** 03/17/2017 **OFFICE:** AJV-5432 **NAME:** HERMAN ROGERS

**APPROVED BY:** **DATE:** **OFFICE:** AJV-5430 **NAME:** PATRICK MULQUEEN

**SIGNATURE:**

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