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\* Federal Airways & Airspace \*  
\* Summary Report: New Construction \*  
\* Antenna Structure \*

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Airspace User: Your Name

File: HAMDEN\_8\_CT

Location: HAMDEN, CT

Latitude: 41°-23'-43.03" Longitude:  
72°-55'-52.31"

SITE ELEVATION AMSL.....296.5 ft.  
STRUCTURE HEIGHT.....167 ft.  
OVERALL HEIGHT AMSL.....464 ft.

NOTICE CRITERIA

- FAR 77.9(a): NNR (DNE 200 ft AGL)
- FAR 77.9(b): NNR (DNE Notice Slope)
- FAR 77.9(c): NNR (Not a Traverse Way)
- FAR 77.9: NNR FAR 77.9 IFR Straight-In Notice Criteria for HVN
- FAR 77.9: NNR FAR 77.9 IFR Straight-In Notice Criteria for MMK
- FAR 77.9(d): NNR (Off Airport Construction)

NR = Notice Required

NNR = Notice Not Required

PNR = Possible Notice Required (depends upon actual IFR procedure)  
For new construction review Air Navigation Facilities at

bottom

of this report.

Notice to the FAA is not required at the analyzed location and height  
for slope, height or Straight-In procedures. Please review the 'Air  
Navigation'  
section for notice requirements for offset IFR procedures and EMI.

OBSTRUCTION STANDARDS

- FAR 77.17(a) (1): DNE 499 ft AGL
- FAR 77.17(a) (2): DNE - Airport Surface
- FAR 77.19(a): DNE - Horizontal Surface
- FAR 77.19(b): DNE - Conical Surface
- FAR 77.19(c): DNE - Primary Surface
- FAR 77.19(d): DNE - Approach Surface
- FAR 77.19(e): DNE - Transitional Surface

VFR TRAFFIC PATTERN AIRSPACE FOR: HVN: TWEED-NEW HAVEN

Type: A RD: 46728.42 RE: 12.3

- FAR 77.17(a) (1): DNE
- FAR 77.17(a) (2): DNE - Greater Than 5.99 NM.
- VFR Horizontal Surface: DNE
- VFR Conical Surface: DNE
- VFR Approach Slope: DNE
- VFR Transitional Slope: DNE

VFR TRAFFIC PATTERN AIRSPACE FOR: MMK: MERIDEN MARKHAM MUNI

Type: A RD: 48926.82 RE: 98.6

- FAR 77.17(a) (1): DNE
- FAR 77.17(a) (2): Does Not Apply.
- VFR Horizontal Surface: DNE
- VFR Conical Surface: DNE
- VFR Approach Slope: DNE
- VFR Transitional Slope: DNE

TERPS DEPARTURE PROCEDURE (FAA Order 8260.3, Volume 4)

- FAR 77.17(a) (3) Departure Surface Criteria (40:1)
- DNE Departure Surface

MINIMUM OBSTACLE CLEARANCE ALTITUDE (MOCA)

- FAR 77.17(a) (4) MOCA Altitude Enroute Criteria
- The Maximum Height Permitted is 500 ft AMSL

PRIVATE LANDING FACILITIES

ARP FAA	FACIL	BEARING	RANGE	DELTA
ELEVATION IFR	IDENT TYP NAME	To FACIL	IN NM	
+413	CT84 HEL PARTYKA CHEVROLET	141.88	1.65	
	No Impact to Private Landing Facility Structure is beyond notice limit by 5026 feet.			
	CT40 HEL BOB THOMAS FORD	157.63	1.66	+383
	No Impact to Private Landing Facility Structure is beyond notice limit by 5086 feet.			
+451	CT34 HEL USSC/NORTH HAVEN	141.32	4.46	
	No Impact to Private Landing Facility Structure is beyond notice limit by 22099 feet.			
	1CT2 HEL YALE NEW HAVEN HOSPITAL	182.6	5.45	+244
	No Impact to Private Landing Facility Structure is beyond notice limit by 28115 feet.			

AIR NAVIGATION ELECTRONIC FACILITIES

GRND ANGLE	FAC APCH IDNT BEAR	TYPE	ST AT	FREQ	VECTOR	DIST (ft)	DELTA ELEVA	ST LOCATION
-.12	JWE	NDB	I	36	264.53	49966	-108	CT CLERA
.52	HVN	VOR/DME	R	109.8	165.39	50075	+458	CT NEW HAVEN
.19	MAD	VOR/DME	R	110.4	114.41	72026	+244	CT MADISON
.26	BDR	VOR/DME	R	108.8	211.8	100649	+454	CT BRIDGEPORT
-.16	HFD	VOR/DME	R	114.9	49.44	138088	-386	CT HARTFORD
.12	CCC	VOR/DME	R	117.2	167.92	173541	+378	NY CALVERTON
-.07	CMK	VOR/DME	I	116.6	256.55	183405	-230	NY CARMEL
.08	KOKX	RADAR WXL	Y		174.53	193896	+268	NY NEW YORK
.03	QVH	RADAR ARSR	Y	1326.9	160.43	199857	+112	NY RIVERHEAD
.06	BDL	RADAR	ON		18.87	209300	+228	CT BRADLEY INTL
MacAR	ISP	RADAR	ON	2735.	191.87	219261	+282	NY LONG ISLAND
		.07						

CFR Title 47, §1.30000-§1.30004

AM STUDY REQUIRED: Structure is within specified wavelength(s) of a FCC licensed AM radio station. AM Study is required for new construction or significantly modify an existing tower within the FCC mandated critical distance. Notice to the AM station is required at least 30 days prior to the start of construction. Movement Method Proof specified in §73.151(c) is required to determine if the proposed construction would have a negative impact to the AM station. Please review AM Station Report for details.

Nearest AM Station: WQUN @ 2020 meters.

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