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

Airspace User: Not Identified

File: MILFORD_EAST_CT

Location: Orange, CT

Latitude: 41°-15'-18.87" Longitude: 73°-02'-10.31"

SITE ELEVATION AMSL.....128.9 ft.

STRUCTURE HEIGHT.....120 ft.

OVERALL HEIGHT AMSL.....249 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 Notice for HVN
- FAR 77.9: NNR FAR 77.9 IFR Notice for BDR
- 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 - Approach Transitional Surface
- FAR 77.19(e): DNE - Abeam Transitional Surface

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

Type: A RD: 40645.61 RE: 5.2

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 Primary Surface: DNE
 VFR Approach Surface: DNE
 VFR Transitional Surface: DNE

VFR TRAFFIC PATTERN AIRSPACE FOR: BDR: BRIDGEPORT/SIKORSKY

Type: A RD: 39817.71 RE: 6
 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 Primary Surface: DNE
 VFR Approach Surface: DNE
 VFR Transitional Surface: 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 1100 ft AMSL

PRIVATE LANDING FACILITIES

FACIL IDENT TYP NAME	BEARING To FACIL	RANGE IN NM	DELTA ARP FAA ELEVATION IFR
CT46 HEL MILFORD-ALEXANDER No Impact to Private Landing Facility Structure is beyond notice limit by 2656 feet.	170.66	1.26	+228
JSD HEL SIKORSKY No Impact to Private Landing Facility Structure is beyond notice limit by 12195 feet.	260.19	2.83	+227.5
CT89 HEL ITT No Impact to Private Landing Facility Structure 79 ft below heliport.	285.2	4.53	-79
CT76 HEL CHASE MANHATTAN BANK OF CT No Impact to Private Landing Facility Structure is beyond notice limit by 26717 feet.	261.36	5.22	+48
1CT2 HEL YALE NEW HAVEN HOSPITAL No Impact to Private Landing Facility Structure is beyond notice limit by 27689 feet.	56.73	5.38	+29

AIR NAVIGATION ELECTRONIC FACILITIES

APCH BEAR	FAC		ST		DIST		DELTA		GRND
	IDNT	TYPE	AT	FREQ	VECTOR	(ft)	ELEVA	ST LOCATION	ANGLE
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	BDR	VOR/DME	R	108.8	215.16	42151	+243	CT BRIDGEPORT	.33
	MAD	VOR/DME	I	110.4	77.16	96931	+33	CT MADISON	.02
	CCC	VOR/DME	R	114.5	151.2	135489	+164	NY CALVERTON	.07
	KOKX	RADAR WXL	Y		161.55	149722	+54	NY NEW YORK	.02
	CMK	VOR/DME	R	116.6	273.64	150134	-444	NY CARMEL	-.17
	ISP	RADAR ASR	I	2735.	185.7	164394	+67	NY LONG ISLAND MacAR	.02
	QVH	RADAR ARSR	Y	1326.9	145.07	167575	-102	NY RIVERHEAD	-.03
	DPK	VOR/DME	R	117.7	203.52	184301	+126	NY DEER PARK	.04
	FOK	TACAN	R	111.0	143.88	188625	+199	NY SUFFOLK CO	.06
	HFD	VOR/DME	R	114.9	43.46	194223	-600	CT HARTFORD	-.18
	HPN	RADAR ASR	I	2735.	250.2	198479	-261	NY WESTCHESTER COUNT	-.08

5G AIRPORT SAFETY AREA
No Identified 5G conflict.

CFR Title 47, §1.30000-§1.30004
AM STUDY NOT REQUIRED: Structure is not near a FCC licensed AM station.
Movement Method Proof as specified in §73.151(c) is not required.
Please review 'AM Station Report' for details.

Nearest AM Station: WYBC @ 8123 meters.

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