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

Airspace User: Not Identified

File: BROADBROOK_RELO_CT

Location: Windsorville, CT

Latitude: 41°-53'-58.41" Longitude: 72°-33'-4.38"

SITE ELEVATION AMSL.....228 ft.
STRUCTURE HEIGHT.....120 ft.
OVERALL HEIGHT AMSL.....348 ft.

NOTICE CRITERIA

FAR 77.9(a): NNR (DNE 200 ft AGL)
FAR 77.9(b): NR (Exceeds Notice Slope, Maximum: 243 ft.)
FAR 77.9(c): NNR (Not a Traverse Way)
FAR 77.9: NNR FAR 77.9 IFR Straight-In Notice Criteria for 7B6
FAR 77.9: NNR FAR 77.9 IFR Straight-In Notice Criteria for 7B9
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 required because height exceeds Notice Slope criteria.
The maximum height to avoid notice is 243 ft AMSL.

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: 7B6: SKYLARK AIRPARK

Type: A RD: 11808.07 RE: 125

FAR 77.17(a)(1): DNE
FAR 77.17(a)(2): DNE - Height No Greater Than 200 feet AGL.
VFR Horizontal Surface: DNE

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

The structure is within VFR - Traffic Pattern Airspace Climb/Descent Area. Structures exceeding the greater of 350' AAE, 77.17(a)(2), or VFR horizontal and conical surfaces will receive a hazard determination from the FAA. Maximum AMSL of Climb/Descent Area is 470 feet.

VFR TRAFFIC PATTERN AIRSPACE FOR: 7B9: ELLINGTON

Type: A RD: 27082.31 RE: 253.3

FAR 77.17(a)(1): DNE
 FAR 77.17(a)(2): Does Not Apply.
 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 1600 ft AMSL

PRIVATE LANDING FACILITIES

FACIL IDENT TYP NAME	BEARING To FACIL	RANGE IN NM	DELTA ARP FAA ELEVATION IFR
CT85 AIR ROBERTS FARM	258.32	2.92	+311
Possible Impact to Private Landing Facility. Possible Exceeds VFR Transitional Surface (N/A Private Airport).			
CT23 HEL DELLA	314.77	3.44	+233
No Impact to Private Landing Facility Structure is beyond notice limit by 15902 feet.			
CT14 AIR BANCROFT	235.83	3.51	+296
Possible Impact to Private Landing Facility Exceeds 251 ft VFR Transitional Surface (N/A Private Airport).			
CT19 AIR LAURIE FLD	7.14	4.14	+219
No Impact to VFR Transitional Surface. Below surface height of 314 ft above ARP.			
CT15 AIR WYSOCKI FLD	50.27	4.29	-42
No Impact to VFR Transitional Surface.			

Below surface height of 329 ft above ARP.

CT00 HEL ELECTRO-METHODS INC 208.73 4.62 +244
 No Impact to Private Landing Facility
 Structure is beyond notice limit by 23072 feet.

02CT HEL STRANGERS POINT 75.78 4.93 -192
 No Impact to Private Landing Facility
 Structure 192 ft below heliport.

CT62 HEL TWIN MANUFACTURING COMPANY 205.94 5.99 +288
 No Impact to Private Landing Facility
 Structure is beyond notice limit by 31396 feet.

AIR NAVIGATION ELECTRONIC FACILITIES

APCH BEAR	FAC		ST		DIST	DELTA	GRND	
	IDNT	TYPE	AT	FREQ	VECTOR (ft)	ELEVA	ST LOCATION	ANGLE
----	BDL	RADAR	I		291.74	38446	+112 CT BRADLEY INTL	.17

No Impact. This structure does not require Notice based upon EMI.
 The studied location is within 20 NM of a Radar facility.
 The calculated Radar Line-Of-Sight (LOS) distance is: 42 NM.
 This location and height is within the Radar Line-Of-Sight.

HFD	VOR/DME	R	114.9	179.37	94192	-501	CT HARTFORD	-.3
BAF	VORTAC	R	113.0	334.94	105601	+81	MA BARNES	.04
CEF	TACAN	R	114.0	3.56	108793	+108	MA WESTOVER	.06
CTR	VOR/DME	R	115.1	323.01	179051	-1252	MA CHESTER	-.4
PUT	VOR/DME	R	117.4	83.72	193509	-304	CT PUTNAM	-.09
ORW	VOR/DME	I	110.0	129.88	195788	+38	CT NORWICH	.01
ORH	RADAR WXL	Y		53.46	229098	-655	MA WORCESTER	-.16
QHA	RADAR ARSR	Y	1320.	331.82	238094	-1805	MA West Cummington	-.43

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: WCTF @ 6561 meters.

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