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

Airspace User: Not Identified

File: LITCHFIELD\_SE\_CT

Location: Northfield, CT

Latitude: 41°-41'-44.33" Longitude: 73°-5'-36.64"

SITE ELEVATION AMSL.....792 ft.

STRUCTURE HEIGHT.....110 ft.

OVERALL HEIGHT AMSL.....902 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 N41

FAR 77.9: NNR FAR 77.9 IFR Straight-In Notice Criteria for 4B8

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: N41: WATERBURY

Type: A RD: 25120.83 RE: 854

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

VFR TRAFFIC PATTERN AIRSPACE FOR: 4B8: ROBERTSON FLD

Type: A RD: 62461.7 RE: 188.6  
 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 2000 ft AMSL

PRIVATE LANDING FACILITIES

FACIL IDENT TYP NAME	BEARING To FACIL	RANGE IN NM	DELTA ARP FAA ELEVATION IFR
04CT HEL SHINGLE MILL No Impact to Private Landing Facility Structure is beyond notice limit by 19365 feet.	27.36	4.01	+22
CT01 AIR WHELAN FARMS No Impact to VFR Transitional Surface. Below surface height of 364 ft above ARP.	247.52	4.64	-118
CT30 BAL MURPHY'S LANDING 05CT HEL O AND G No Impact to Private Landing Facility Structure is beyond notice limit by 24044 feet.	248.02 347.76	4.65 4.78	-148 +302
CT96 AIR GREEN ACRES No Impact to VFR Transitional Surface. Below surface height of 455 ft above ARP.	82.09	5.55	-48

AIR NAVIGATION ELECTRONIC FACILITIES

FAC	ST	DIST	DELTA	GRND		
IDNT	TYPE	AT	FREQ	VECTOR (ft)	ELEVA ST LOCATION	ANGLE
APCH						

BEAR

PWL	VOR/DME	I	114.3	281.21	141005	-348	NY	PAWLING	-.14
BDL	VORTAC	D	109.0	50.86	142053	+742	CT	BRADLEY	.30
BDL	RADAR	I		51.56	142794	+666	CT	BRADLEY INTL	.27
HFD	VOR/DME	R	114.9	97.77	150529	+53	CT	HARTFORD	.02
MAD	VOR/DME	I	110.4	141.82	177305	+686	CT	MADISON	.22
BDR	VOR/DME	R	108.8	182.48	195106	+896	CT	BRIDGEPORT	.26
BAF	VORTAC	R	113.0	31.02	198533	+635	MA	BARNES	.18
IGN	VOR/DME	R	117.6	266.59	199374	+320	NY	KINGSTON	.09
CMK	VOR/DME	R	116.6	221.27	201968	+209	NY	CARMEL	.06

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: WSWG @ 7750 meters.

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