
* Federal Airways & Airspace
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* Summary Report: New Construction
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* Antenna Structure
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Airspace User: Not Identified

File: WILTONSOUTH

Location: Wilton, CT

Latitude: 41°-12'-15.50" Longitude: 73°-
26'-15.15"

SITE ELEVATION AMSL.....371 ft.
STRUCTURE HEIGHT.....128 ft.
OVERALL HEIGHT AMSL.....499 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 DXR
- FAR 77.9: NNR (No Expected TERPS® impact with 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: DXR: DANBURY MUNI
 Type: A RD: 60945.53 RE: 453.3

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

VFR TRAFFIC PATTERN AIRSPACE FOR: BDR: BRIDGEPORT/SIKORSKY
 Type: A RD: 84437.03 RE: 8.5

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 1500 ft AMSL

PRIVATE LANDING FACILITIES

FACIL	BEARING	RANGE	DELTA
IDENT TYP NAME	To FACIL	IN NM	
ELEVATION IFR			
CT91 HEL USSC	171.49	3.16	
+334	No Impact to Private Landing Facility Structure is beyond notice limit by 14200 feet.		
9CT1 HEL THE TOWERS	173.57	3.61	
+219	No Impact to Private Landing Facility Structure is beyond notice limit by 16935 feet.		

+343 5CT4 HEL NORWALK HOSPITAL 172.78 5.72

No Impact to Private Landing Facility
Structure is beyond notice limit by 29755 feet.

+439 1CT0 HEL NORDEN SYSTEMS 157.79 5.93

No Impact to Private Landing Facility
Structure is beyond notice limit by 31031 feet.

AIR NAVIGATION ELECTRONIC FACILITIES

GRND ANGLE	FAC APCH	IDNT	TYPE	ST	AT	FREQ	VECTOR	DIST (ft)	DELTA ELEVA	ST	LOCATION
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-.23	CMK		VOR/DME	R		116.6	304.97	48225	-194	NY	CARMEL
.32	BDR		VOR/DME	R		108.8	100.55	87633	+493	CT	BRIDGEPORT
COUNT	HPN		RADAR	I		2735.	237.85	90300	-11	NY	WESTCHESTER

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: 55 NM. This location and height is within the Radar Line-Of-Sight.

.14	DPK		VOR/DME	R		117.7	166.23	154799	+376	NY	DEER PARK
MacAR	ISP		RADAR	I		2735.	147.05	173037	+317	NY	LONG ISLAND

.14	LGA		VOR/DME	R		113.1	217.69	194021	+490	NY	LA GUARDIA
-.02	IGN		VOR/DME	R		117.6	328.01	198393	-82	NY	KINGSTON
.09	KOKX		RADAR WXL	Y			128.14	200702	+304	NY	NEW YORK

.12	CCC		VOR/DME	R		117.2	119.82	202580	+414	NY	CALVERTON
.08	MAD		VOR/DME	I		110.4	78.73	208789	+283	CT	MADISON
-.2	PWL		VOR/DME	I		114.3	347.82	210817	-751	NY	PAWLING

INTERNATI	SWF		RADAR	I		2765.	299.84	211037	-222	NY	STEWART
KENNEDY IN	JFK		RADAR	I		2755.	203.73	224921	+412	NY	JOHN F
.04	QVH		RADAR ARSR	Y		1326.9	120.07	238568	+148	NY	RIVERHEAD

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: WSHU @ 9338 meters.

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