

BETHEL WEST 2 CT - FAA Analysis.txt  
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\* Federal Airways & Airspace \*  
\* Summary Report: New Construction \*  
\* Antenna Structure \*  
\*\*\*\*\*

Airspace User: Your Name

File: BETHEL\_WEST\_2\_CT

Location: Danbury, CT

Latitude: 41°-22'-58.81"

Longitude: 73°-25'-19.81"

SITE ELEVATION AMSL.....387 ft.

STRUCTURE HEIGHT.....123 ft.

OVERALL HEIGHT AMSL.....510 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 DXR

FAR 77.9: NNR FAR 77.9 IFR Straight-In Notice Criteria for 11N

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: DXR: DANBURY MUNI

Type: A RD: 15132.23 RE: 453.9

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 Approach Slope: DNE

VFR Transitional Slope: DNE

VFR TRAFFIC PATTERN AIRSPACE FOR: 11N: CANDLELIGHT FARMS

Type: A RD: 67256.97 RE: 654

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

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 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 600 ft AMSL

PRIVATE LANDING FACILITIES

FACIL IDENT TYP NAME	BEARING To FACIL	RANGE IN NM	DELTA ARP ELEVATION	FAA IFR
OCT8 HEL DANBURY HOSPITAL No Impact to Private Landing Facility Structure 0 ft below heliport.	323.03	1.69	+0	
CT52 AIR FLYING RIDGE AIRSTRIP No Impact to VFR Transitional Surface. Below surface height of 499 ft above ARP.	98.65	5.99	-100	

AIR NAVIGATION ELECTRONIC FACILITIES

APCH BEAR	FAC IDNT	ST TYPE	AT	FREQ	VECTOR	DIST (ft)	DELTA ELEVA	ST	LOCATION	GRND ANGLE
87	DXR	LOCALIZER	I	111.5	254.18	16876	+57	CT	RWY 08 DANBURY MU	.19
	DXR	ATCT	ON		257.64	17339	+52	CT	DANBURY MUNI	.17
	CMK	VOR/DME	I	116.6	229.32	57589	-184	NY	CARMEL	-.18
	JWE	NDB	I	36	90.26	84992	-61	CT	CLERA	-.04
	BDR	VOR/DME	R	108.8	134.81	115152	+501	CT	BRIDGEPORT	.25
	HPN	RADAR	ON	2735.	215.41	138865	+0	NY	WESTCHESTER COUNT	0.00
	PWL	VOR/DME	I	114.3	340.96	149134	-740	NY	PAWLING	-.28
	IGN	VOR/DME	R	117.6	313.34	150309	-72	NY	KINGSTON	-.03
	HVN	VOR/DME	R	109.8	106.78	153925	+504	CT	NEW HAVEN	.19
	SWF	RADAR	Y	2765.	282.04	191476	-211	NY	STEWART INTERNATI	-.06
	MAD	VOR/DME	R	110.4	97.41	202023	+290	CT	MADISON	.08
	ISP	RADAR	ON	2735.	156.9	228544	+328	NY	LONG ISLAND MacAR	.08

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: WLAD @ 2209 meters.

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