

ORANGENORTH SRP.txt

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

Airspace User: Vince FuscoRossi

File: ORANGENORTH

Location: Derby, CT
Distance: 2.3 Statute Miles
Direction: 326° (true bearing)

Latitude: 41°-17'-54.25" Longitude: 73°-03'-29.52"

SITE ELEVATION AMSL.....134 ft.
STRUCTURE HEIGHT.....103 ft.
OVERALL HEIGHT AMSL.....237 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 HVN
FAR 77.9: NNR FAR 77.9 IFR Straight-In Notice Criteria 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 - Transitional Surface

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

Type: A RD: 47532.47 RE: 4.9
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 Approach Slope: DNE
VFR Transitional Slope: DNE

VFR TRAFFIC PATTERN AIRSPACE FOR: BDR: IGOR I SIKORSKY MEMORIAL

Type: A RD: 51103.13 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 Approach Slope: DNE
 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 500 ft AMSL

PRIVATE LANDING FACILITIES

FACIL	BEARING	RANGE	DELTA ARP	FAA
IDENT TYP NAME	To FACIL	IN NM	ELEVATION	IFR
CT89 HEL ITT No Impact to Private Landing Facility Structure 0 ft below heliport.	247.39	3.65	-90	
CT46 HEL MILFORD-ALEXANDER No Impact to Private Landing Facility Structure is beyond notice limit by 19426 feet.	162.63	4.02	+217	
CT76 HEL CHASE MANHATTAN BANK OF CT No Impact to Private Landing Facility Structure is beyond notice limit by 27568 feet.	231.01	5.36	+37	
1CT2 HEL YALE NEW HAVEN HOSPITAL No Impact to Private Landing Facility Structure is beyond notice limit by 28662 feet.	86.56	5.54	+18	

AIR NAVIGATION ELECTRONIC FACILITIES

APCH	FAC	ST	DIST	DELTA	GRND					
BEAR	IDNT	TYPE	AT	FREQ	VECTOR	(ft)	ELEVA	ST	LOCATION	ANGLE
	JWE	NDB	I	36	334.04	34028	-334	CT	CLERA	-.56
	HVN	VOR/DME	R	109.8	105.52	49346	+231	CT	NEW HAVEN	.27
	BDR	VOR/DME	R	108.8	199.94	53393	+228	CT	BRIDGEPORT	.24
	MAD	VOR/DME	R	110.4	86.68	100728	+17	CT	MADISON	.01
	CMK	VOR/DME	I	116.6	267.17	143920	-457	NY	CARMEL	-.18
	CCC	VOR/DME	R	117.2	152.08	152195	+152	NY	CALVERTON	.06
	OKX	RADAR WXL	Y		161.3	166567	+16	NY	BRENTWOOD	.01
	ISP	RADAR	ON	2735.	183.27	179528	+55	NY	LONG ISLAND MacAR	.02
	QVH	RADAR ARSR	Y	1326.9	146.35	183960	-114	NY	RIVERHEAD	-.04
	HFD	VOR/DME	R	114.9	48.1	187585	-612	CT	HARTFORD	-.19
	DPK	VOR/DME	I	117.7	200.06	196630	+114	NY	DEER PARK	.03
	HPN	RADAR	ON	2735.	245.34	198700	-273	NY	WESTCHESTER COUNT	-.08
	FOK	TACAN	R	NA	145.13	204921	+187	NY	SUFFOLK CO	.05

ORANGENORTH SRP.txt

FCC AM PROOF-OF-PERFORMANCE

NOT REQUIRED: Structure is not near a FCC licensed AM radio station Proof-of-Performance is not required. Please review AM Station Report for details.

Nearest AM Station: WADS @ 7071 meters.

Airspace® Summary Version 14.3.352

AIRSPACE® and TERPS® are registered ® trademarks of Federal Airways & Airspace®
Copyright © 1989 - 2014

04-23-2014
18:30:02