

BRIDGEPORT_NE_CT - FAA Analysis.txt

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

Airspace User: Your Name

File: BRIDGEPORT_NE_CT

Location: Bridgeport, CT

Latitude: 41°-13'-19.49"

Longitude: 73°-10'-02.50"

SITE ELEVATION AMSL.....81 ft.
STRUCTURE HEIGHT.....100 ft.
OVERALL HEIGHT AMSL.....181 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 BDR
FAR 77.9: NNR (No Expected TERPS® impact HVN)
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: BDR: IGOR I SIKORSKY MEMORIAL

Type: A RD: 22214.76 RE: 8.5
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: HVN: TWEED-NEW HAVEN

Type: A RD: 77759.27 RE: 6.3
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 Approach Slope: DNE

BRIDGEPORT_NE_CT - FAA Analysis.txt
 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 1000 ft AMSL

PRIVATE LANDING FACILITIES

| FACIL IDENT TYP NAME | BEARING To FACIL | RANGE IN NM | DELTA ARP FAA ELEVATION IFR |
|--|---------------------|----------------|--------------------------------|
| CT76 HEL CHASE MANHATTAN BANK OF CT No Impact to Private Landing Facility Structure 0 ft below heliport. | 32.63 | 1.43 | -19 |
| CT12 HEL MEDICAL CENTER No Impact to Private Landing Facility Structure is beyond notice limit by 7152 feet. | 231 | 2.00 | +33 |
| OCT7 HEL BRIDGEPORT HOSPITAL No Impact to Private Landing Facility Structure is beyond notice limit by 7274 feet. | 179.11 | 2.02 | +101 |
| CT89 HEL ITT No Impact to Private Landing Facility Structure 0 ft below heliport. | 26.24 | 3.54 | -146 |
| CT37 HEL SIKORSKY BRIDGEPORT No Impact to Private Landing Facility Structure is beyond notice limit by 19244 feet. | 203.68 | 3.99 | +174 |

AIR NAVIGATION ELECTRONIC FACILITIES

| APCH BEAR | FAC IDNT | ST TYPE | AT | FREQ | VECTOR | DIST (ft) | DELTA ELEVA | ST LOCATION | GRND ANGLE |
|--------------|-------------|------------|----|-------|--------|--------------|----------------|----------------------|---------------|
| 60 | BDR | ATCT | ON | A/G | 154.1 | 24111 | +103 | CT IGOR I SIKORSKY M | .24 |
| | BDR | LOCALIZER | I | 110.7 | 147.42 | 24494 | +176 | CT RWY 06 IGOR I SIK | .41 |
| | BDR | VOR/DME | R | 108.8 | 152.2 | 25299 | +172 | CT BRIDGEPORT | .39 |
| | JWE | NDB | I | 36 | 14.46 | 60316 | -390 | CT CLERA | -.37 |
| | HVN | VOR/DME | R | 109.8 | 79.21 | 78983 | +175 | CT NEW HAVEN | .13 |
| | OP | NDB | I | 31 | 171.42 | 90298 | +144 | NY OLD FIELD POINT L | .09 |
| | CMK | VOR/DME | I | 116.6 | 280.65 | 115775 | -513 | NY CARMEL | -.25 |
| | MAD | VOR/DME | R | 110.4 | 75.49 | 134849 | -39 | CT MADISON | -.02 |
| | CCC | VOR/DME | R | 117.2 | 136.48 | 147241 | +96 | NY CALVERTON | .04 |
| | ISP | RADAR | ON | 2735. | 172.56 | 152717 | -1 | NY LONG ISLAND MacAR | 0.00 |
| | KOKX | RADAR WXL | Y | | 147.3 | 154537 | -14 | NY NEW YORK | -.01 |

| | | | | | | | |
|-----|------------|----|-------------------------------------|--------|--------|----------------------|------|
| | | | BRIDGEPORT_NE_CT - FAA Analysis.txt | | | | |
| HPN | RADAR | ON | 2735.250.00 | 160439 | -329 | NY WESTCHESTER COUNT | -.12 |
| DPK | VOR/DME | I | 117.7 | 193.45 | 161246 | +58 NY DEER PARK | .02 |
| QVH | RADAR ARSR | Y | 1326.9 | 133.53 | 182181 | -170 NY RIVERHEAD | -.05 |
| FOK | TACAN | R | NA | 133.64 | 203570 | +131 NY SUFFOLK CO | .04 |

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: WCUM @ 2892 meters.

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