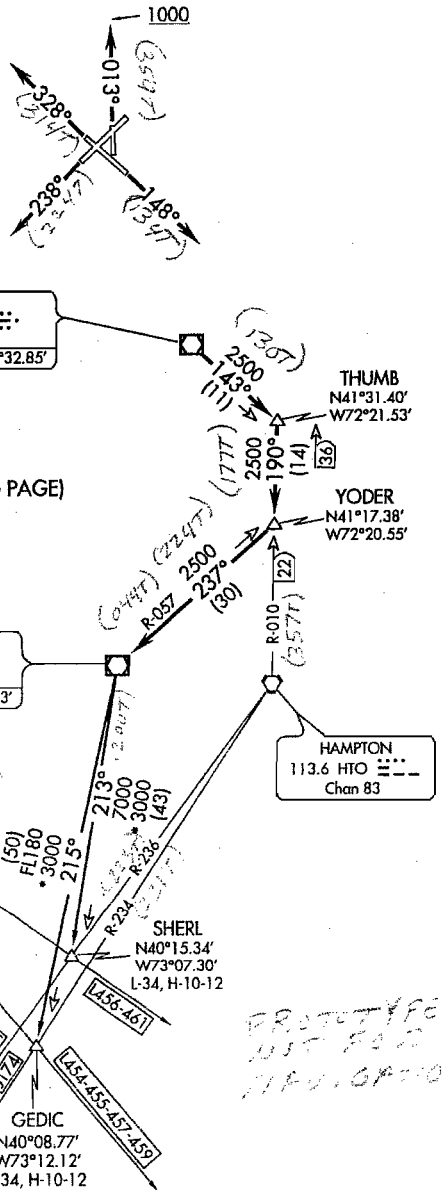
(CSTL4.CCC) 12320

COASTAL FOUR DEPARTURE

SL-460 (FAA)

WINDSOR LOCKS/ BRADLEY INTL (BDL)
WINDSOR LOCKS, CONNECTICUT

ATIS 118.15
CLNC DEL
121.75 322.3
GND CON
121.9 348.6
BRADLEY TOWER
120.3 351.8
BRADLEY DEP CON
123.95 290.55



NOTE: Radar Required.

(NOTES CONTINUED ON FOLLOWING PAGE)

TAKEOFF MINIMUMS:
Rwy 19, NA-Environmental.
Rwys 01, 06, 15, 24, Standard.
Rwy 33, Standard with minimum climb of 343' per NM to 1200.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

COASTAL FOUR DEPARTURE
(CSTL4.CCC) 12320 F16

WINDSOR LOCKS, CONNECTICUT
WINDSOR LOCKS/ BRADLEY INTL (BDL)

DEPARTURE ROUTE DESCRIPTION

NOTE: Initial departure headings are predicated on avoiding noise sensitive areas. Flight crew awareness and compliance is important in minimizing noise impacts on surrounding communities.

TAKEOFF RWY 1: Climb heading 013° to 1000 or as assigned for radar vectors to HFD VOR/DME, thence . . .
TAKEOFF RWY 6: Climb on assigned heading for radar vectors to HFD VOR/DME, thence . . .
TAKEOFF RWY 15: Climb heading 148° or as assigned for radar vectors to HFD VOR/DME, thence . . .
TAKEOFF RWY 24: Climb heading 238° or as assigned for radar vectors to HFD VOR/DME, thence . . .
TAKEOFF RWY 33: Climb heading 328° or as assigned for radar vectors to HFD VOR/DME, thence . . .

. . . . From over HFD VOR/DME proceed via HFD R-143 to THUMB INT, then proceed via HTO R-010 to YODER INT, then proceed via CCC R-057 to CCC VOR/DME. Then via (transition) or (assigned route). Maintain 4000 or assigned altitude. Expect clearance to requested flight level ten minutes after departure.

GEDIC TRANSITION (CSTL4.GEDIC): From over CCC VOR/DME via CCC R-215 to GEDIC.
SHERL TRANSITION (CSTL4.SHERL): From over CCC VOR/DME via CCC R-213 to SHERL.

TAKEOFF OBSTACLE NOTES:

Rwy 1: Vehicle on roadway 342' from DER, 564' left of centerline, 15' AGL/184' MSL.
Trees beginning 441' from DER, 493' left of centerline, up to 100' AGL/269' MSL.
Trees beginning 1844' from DER, 45' right of centerline, up to 100' AGL/299' MSL.

Rwy 6: Trees beginning 21' from DER, 464' left of centerline, up to 100' AGL/249' MSL.
Trees beginning 1956' from DER, 921' right of centerline, up to 100' AGL/239' MSL.

Rwy 15: Vehicle on road 531' from DER, 606' left of centerline, up to 15' AGL/186' MSL.
Trees beginning 2341' from DER, 767' left of centerline, up to 100' AGL/244' MSL.
Vehicle on road 429' from DER, 572' right of centerline, up to 15' AGL/184' MSL.
Tree 1520' from DER, 786' right of centerline, up to 100' AGL/269' MSL.

Rwy 24: Trees beginning 3066' from DER, 599' left of centerline, up to 100' AGL/269' MSL.
OL on fence 1239' DER, 784' left of centerline, up to 45' AGL/215' MSL.
Trees beginning 2345' from DER, 489' right of centerline, up to 100' AGL/299' MSL.

Rwy 33: Trees beginning 1590' from DER, 275' left of centerline, up to 100' AGL/809' MSL.
Tower 2.4 NM from DER, 3534' left of centerline, 104' AGL/774' MSL.
Trees beginning 1618' from DER, 263' right of centerline, up to 100' AGL/713' MSL.

PROTOTYPE

COASTAL FOUR DEPARTURE

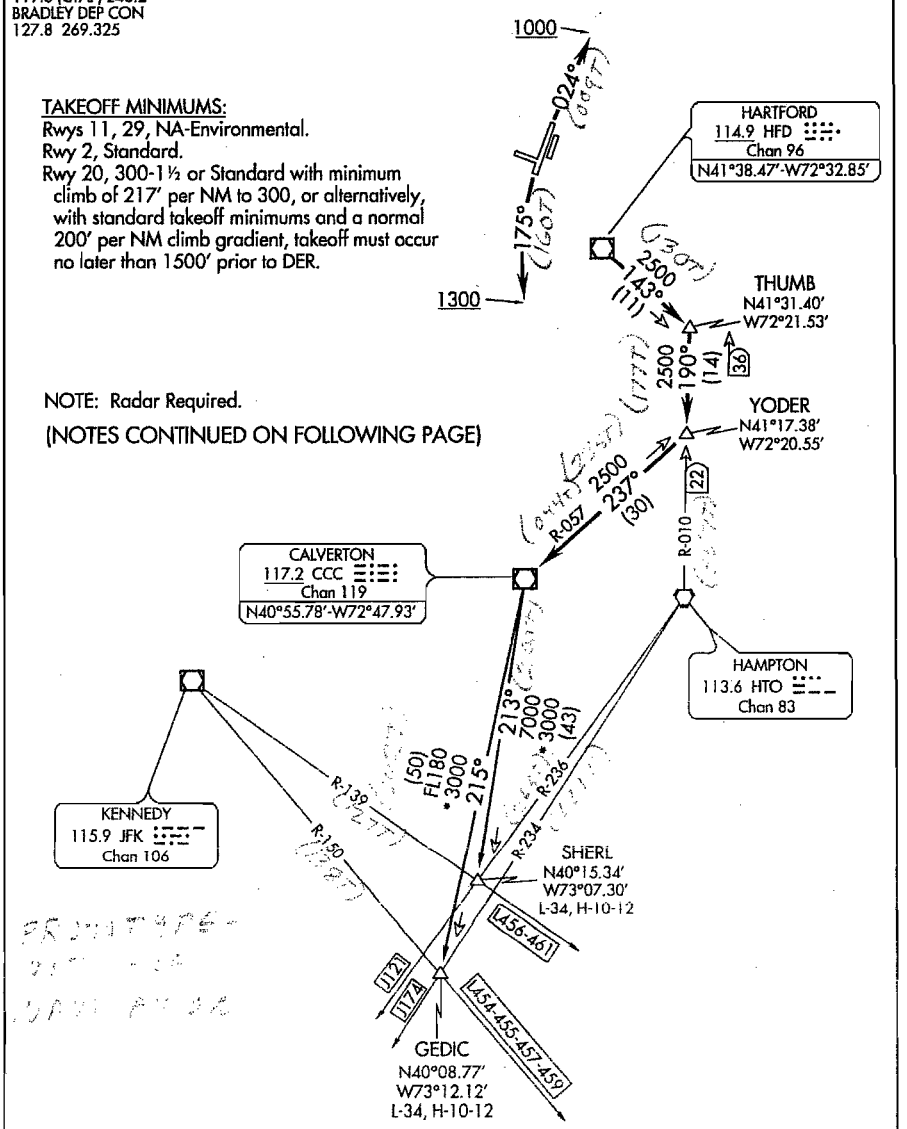
HARTFORD-BRAINARD (HFD)
HARTFORD, CONNECTICUT

ATIS 126.45
GND CON
121.6
BRAINARD TOWER*
119.6 (CTAF) 248.2
BRADLEY DEP CON
127.8 269.325

TAKEOFF MINIMUMS:
Rwys 11, 29, NA-Environmental.
Rwy 2, Standard.
Rwy 20, 300-1½ or Standard with minimum climb of 217′ per NM to 300, or alternatively, with standard takeoff minimums and a normal 200′ per NM climb gradient, takeoff must occur no later than 1500′ prior to DER.

NOTE: Radar Required.

(NOTES CONTINUED ON FOLLOWING PAGE)



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

NOTE: Initial departure headings are predicated on avoiding noise sensitive areas. Flight crew awareness and compliance is important in minimizing noise impacts on surrounding communities.

TAKEOFF RWY 2: Climb heading 024° to 1000 or as assigned for radar vectors to HFD VOR/DME, thence . . .
TAKEOFF RWY 20: Climbing left turn heading 175° to 1300 or as assigned for radar vectors to HFD VOR/DME, thence . . .

. . . . From over HFD VOR/DME proceed via HFD R-143 to THUMB INT, then proceed via HTO R-010 to YODER INT, then proceed via the CCC R-057 to CCC VOR/DME. Then via (transition) or (assigned route). Maintain assigned altitude. Expect clearance to requested flight level ten minutes after departure.

GEDIC TRANSITION (CSTL4.GEDIC): From over CCC VOR/DME via CCC R-215 to GEDIC.
SHERL TRANSITION (CSTL4.SHERL): From over CCC VOR/DME via CCC R-213 to SHERL.

TAKEOFF OBSTACLES NOTES:

Rwy 2: Building 377' from DER, 593' left of centerline, 25' AGL/57' MSL.
Bushes beginning 587' from DER, 186' left of centerline, up to 12' AGL/54' MSL.
Trees beginning 765' from DER, 60' left of centerline, up to 122' AGL/134' MSL.
Trees beginning 57' from DER, 47' right of centerline, up to 100' AGL/125' MSL.
Dam 453' from DER, on centerline to 154' right of centerline, up to 10' AGL/45' MSL.

Rwy 20: Dam beginning 56' from DER, 53' left of centerline, up to 24' AGL/45' MSL.
Trees beginning 160' from DER, 118' left of centerline, up to 100' AGL/119' MSL.
Pole 493' DER, 277' left of centerline, 27' AGL/45' MSL.
Spires 1.12 NM from DER, 403' left of centerline, 150' AGL/195' MSL.
OL on poles beginning 196' from DER, 405' right of centerline, up to 12' AGL/42' MSL.
Trees beginning 799' from DER, 28' right of centerline, up to 119' AGL/138' MSL.

COASTAL FOUR DEPARTURE

ATIS
127.1 263.15
GND CON
121.7 289.4
WESTFIELD TOWER*
118.9 251.1
BRADLEY DEP CON
125.35 281.5

TAKEOFF MINIMUMS:

Rwy 2, 300-1½ or Standard with a minimum climb of 205' per NM to 600, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1200' prior to DER.

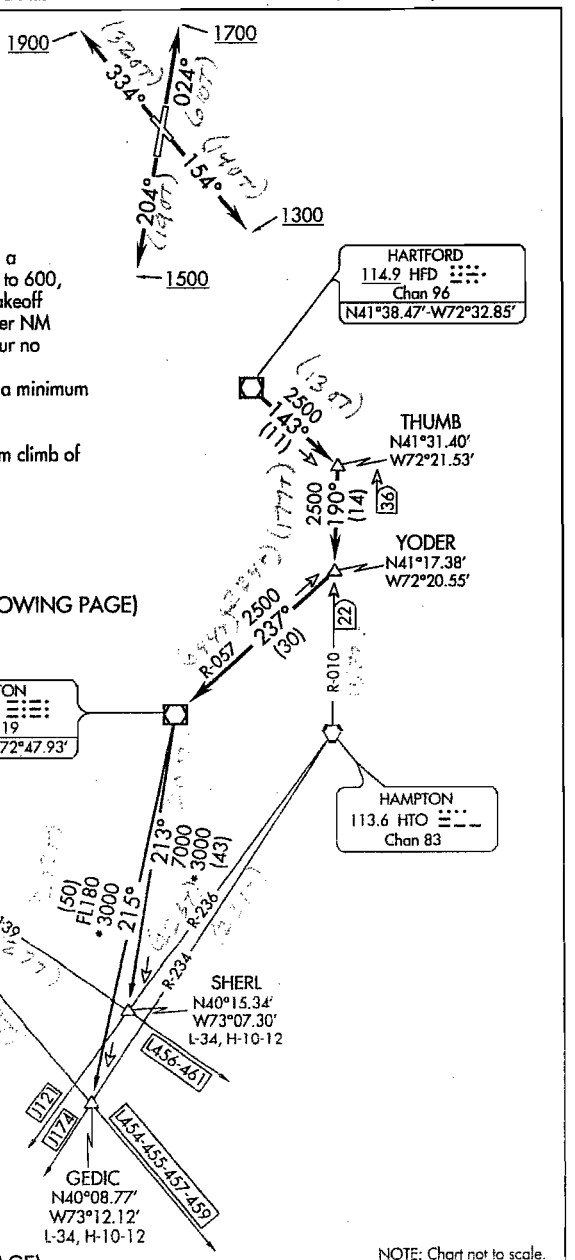
Rwy 15, 400-2 or Standard with a minimum climb of 435' per NM to 800.

Rwy 20, Standard.

Rwy 33, Standard with a minimum climb of 323' per NM to 2000.

NOTE: Radar Required.

(NOTES CONTINUED ON FOLLOWING PAGE)



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 2: Climb heading 024° to 1700, expect radar vectors to HFD VOR/DME, thence . . .
TAKEOFF RWY 15: Climb heading 154° to 1300, expect radar vectors to HFD VOR/DME, thence . . .
TAKEOFF RWY 20: Climb heading 204° to 1500, expect radar vectors to HFD VOR/DME, thence . . .
TAKEOFF RWY 33: Climb heading 334° to 1900, expect radar vectors to HFD VOR/DME, thence . . .

. . . . From over HFD VOR/DME proceed via HFD R-143 to THUMB INT, then proceed via HTO R-010 to YODER INT, then proceed via CCC R-057 to CCC VOR/DME. Then via (transition) or (assigned route). Maintain assigned altitude. Expect clearance to requested flight level ten minutes after departure.

GEDIC TRANSITION (CSTL4.GEDIC): From over CCC VOR/DME via CCC R-215 to GEDIC.
SHERL TRANSITION (CSTL4.SHERL): From over CCC VOR/DME via CCC R-213 to SHERL.

TAKEOFF OBSTACLE NOTES:

Rwy 2: Trees beginning 1186' from DER, 144' left of centerline up to 100' AGL/385' MSL.
Trees beginning 1098' from DER, 431' right of centerline, up to 100' AGL/465' MSL.

Rwy 15: Trees beginning 68' from DER, 5' left of centerline, up to 100' AGL/592' MSL.
Ground beginning 8545' from DER, 124' left of centerline, 482' MSL.
Trees beginning 360' from DER, 6' right of centerline, up to 100' AGL/525' MSL.
Road/vehicle 8905' from DER, 199' right of centerline, up to 15' AGL/515' MSL.

Rwy 20: Trees beginning 18' from DER, 47' left of centerline, up to 100' AGL/321' MSL.
Trees beginning 541' from DER, 38' right of centerline, up to 100' AGL/329' MSL.

Rwy 33: Trees beginning 105' from DER, 5' left of centerline, up to 100' AGL/920' MSL.
Towers beginning 1.5 NM from DER, 2442' left of centerline, up to 305' AGL/545' MSL.
Buildings/antennas beginning 3499' from DER, 547' left of centerline, up to 36' AGL/905' MSL.
Poles/flagpoles beginning 1431' from DER, 268' left of centerline, up to 43' AGL/907' MSL.
Trees beginning 311' from DER, 35' right of centerline, up to 100' AGL/515' MSL.
Poles/flagpoles beginning 645' from DER, 587' right of centerline, up to 43' AGL/311' MSL.
Fence 83' from DER, 420' right of centerline, 5' AGL/268' MSL.
Buildings beginning 905' from DER, 439' right of centerline, up to 36' AGL/307' MSL.