

(THUMB1.THUMB) 26022

AL-189 (FAA)

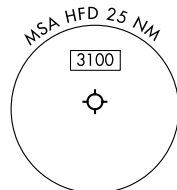
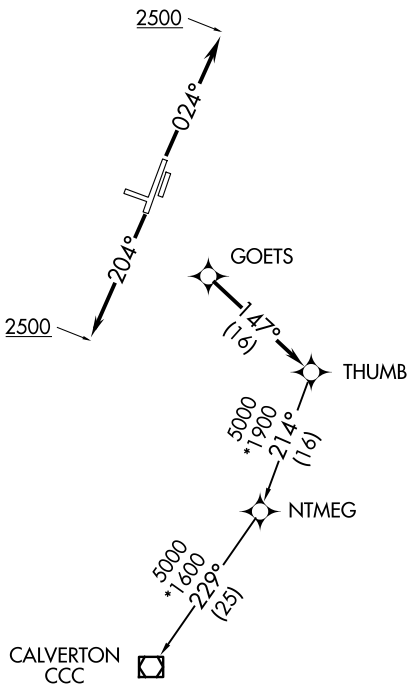
HARTFORD-BRAINARD (HFD)  
HARTFORD, CONNECTICUT

# THUMB ONE DEPARTURE (RNAV)

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

RNAV 1- DME/DME/IRU or GPS.  
RADAR required.

**TOP ALTITUDE:**  
**3000**



### TAKEOFF MINIMUMS:

Rwys 11, 29: NA-Environmental

Rwys 2, 20: Standard with minimum climb of 250' per NM to 2500.

NOTE: Chart not to scale.



## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2: Climb on heading 024° to 2500 for RADAR vectors to GOETS, thence . . . .

TAKEOFF RUNWAY 20: Climb on heading 204° to 2500 for RADAR vectors to GOETS, thence . . . .

. . . . on track 147° to THUMB, then on CALVERTON Transition. Maintain 3000. Expect filed altitude 10 minutes after departure.

CALVERTON TRANSITION (THUMB1.CCC)

THUMB ONE DEPARTURE (RNAV)  
(THUMB1.THUMB) 27NOV25

HARTFORD, CONNECTICUT  
HARTFORD-BRAINARD(HFD)

NE-1, 11 JUN 2026 to 09 JUL 2026

NE-1, 11 JUN 2026 to 09 JUL 2026