Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: SID	Estimated Chart Date: 10/02/2025	APWS Task ID: C65EE43871194A04B88BBA58847D34FC	APWS Project ID: 1E3775B361E84B139184CA7E63114D8E
Procedure: Enroute: YES		Specialist: Stuckey, Boyd		Agreement Number:	
Airport ID: KBDL			Airport City: WINDSOR LOCKS		State: CT
Facility ID:	Facility Type:	Flight Inspection Remark Type: New FC Slot			

**Procedure Comments:** 

PENDING DATA USED

COASTAL SID REPLACED WITH THUMB (RNAV) SID

WAIVERS (1): REQUEST TO NOT CHART ALTITUDE AT IF FOR RADAR VECTORS (RV)

CONTACT: DAVE DANNER (AJV-A421) (405) 954-5077

06/24/2025:THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/8/2025. DP ROUTE DECRIPTION: BRADLEY INTL (BDL)
ADDED: "OR AS ASSIGNED BY ATC" TO EACH RUNWAY ROUTE DESCRIPTION.

07/10/2025:THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/8/2025. DP ROUTE DECRIPTION: BRADLEY INTL (BDL) UPDATED CLIMB-TO ALTITUDE FROM "2500/3000" TO "673".

38

E CHI

#### 1. FLIGHT PROCEDURE IDENTIFICATION:

WINDSOR LOCKS, CT BDL THUMB DEPARTURE (RNAV)

#### 2. WAIVER REQUIRED AND APPLICABLE STANDARD:

FAAO 8260.46J, Appendix E, Section 1.2.m.3, "Document the minimum crossing altitude at the IF on RNAV Radar departure procedures as follows: CHART: MINIMUM CROSSING ALTITUDE AT (RNAV IF)-(Altitude)."

### 3. REASON FOR WAIVER (JUSTIFICATION FOR NONSTANDARD TREATMENT):

The THUMB DEPARTURE (RNAV) will serve BRADLEY INTL AIRPORT (KBDL), as well as WESTFIELD-BARNES RGNL AIRPORT (KBAF), WESTOVER ARB/METRO AIRPORT (KCEF) and HARTFORD-BRAINARD AIRPORT (KHFD).

It is the opinion of ATC and the ZBW Instrument Flight Procedure (IFP) collaborative work group that the absence of a coded altitude at the IF GOETS allows for a more effective, efficient, and safer routing. This allows for different altitudes to be assigned as it relates to the various types of aircraft utilizing this procedure. This ensures the separation of departures from other Yankee TRACON (Y90) arrival and departure flows and prevents pilots from removing a minimum crossing altitude (if one were published) and replacing it with the assigned altitude during critical phases of flight.

#### 4. EQUIVALENT LEVEL OF SAFETY PROVIDED:

- a. Clearance Delivery will issue initial altitude for each departure. In the event Y90 is unable to communicate with departing aircraft, the pilots will follow the initial departure routing and climb to the initial altitude issued by ATC.
- b. In order to evaluate a RNAV Departure SID where aircraft are issued radar vectors to the Initial Fix (IF) and there is no Minimum Crossing Altitude (MCA) published, TARGETS Reference Software requires a Minimum Vectoring Altitude (MVA) be entered at or prior to the IF to complete the evaluation.
- c. Aircraft will be assigned an initial altitude by ATC at or above the MVA.
- d. Radar is required for this procedure.

#### 5. ALTERNATIVE ACTIONS DEEMED NOT FEASIBLE:

Publishing a Minimum Crossing Altitude (MCA) at the Initial Fix (IF) reduces the flexibility of assigning varying altitudes to the different types of aircraft utilizing this procedure and increases pilot and controller workload.

#### 6. COORDINATION WITH USER ORGANIZATIONS (SPECIFY):

Eastern Service Area Flight Procedures Team PBN FAA and NATCA leads.
Boston ARTCC (ZBW)
Yankee TRACON (Y90)
Southwest Airlines, Delta Air Lines, United Airlines, American Airlines, JetBlue Airlines

7. SUBMIT	ITED BY:	
DATE	OFFICE IDENTIFICATION TITLE	SIGNATURE
8. AFS AC	CTIONS:	
	OVED 🗌 DISAPPROVED 🗌 NOT REQUI	RED

US Department of Transportation Federal Aviation Administration

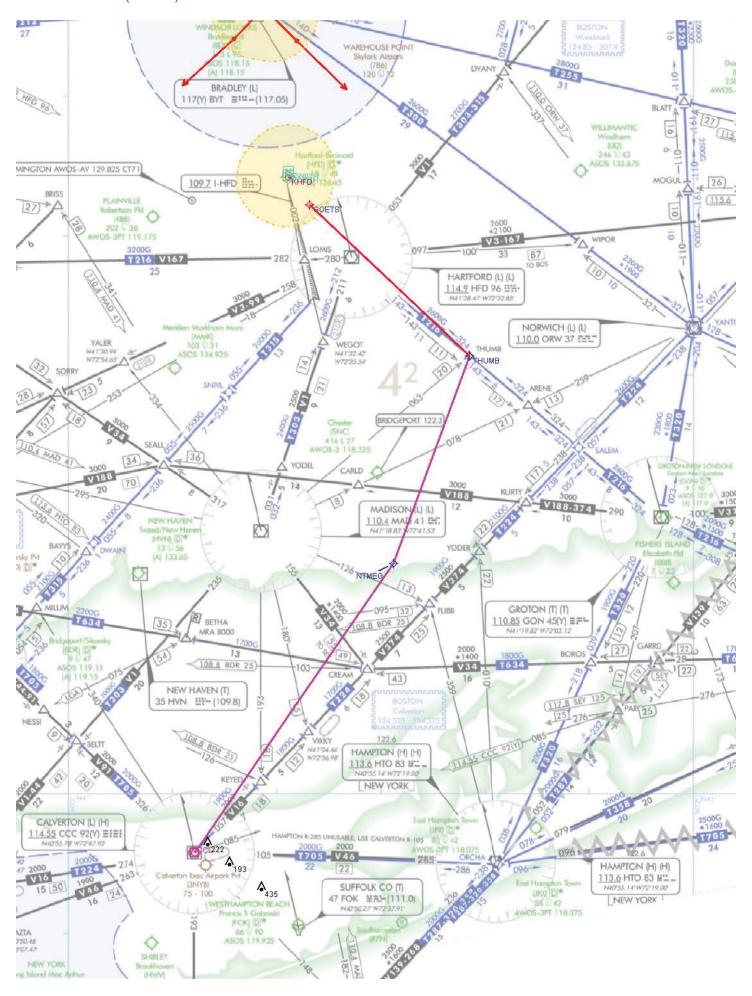
# FLIGHT PROCEDURE STANDARDS WAIVER

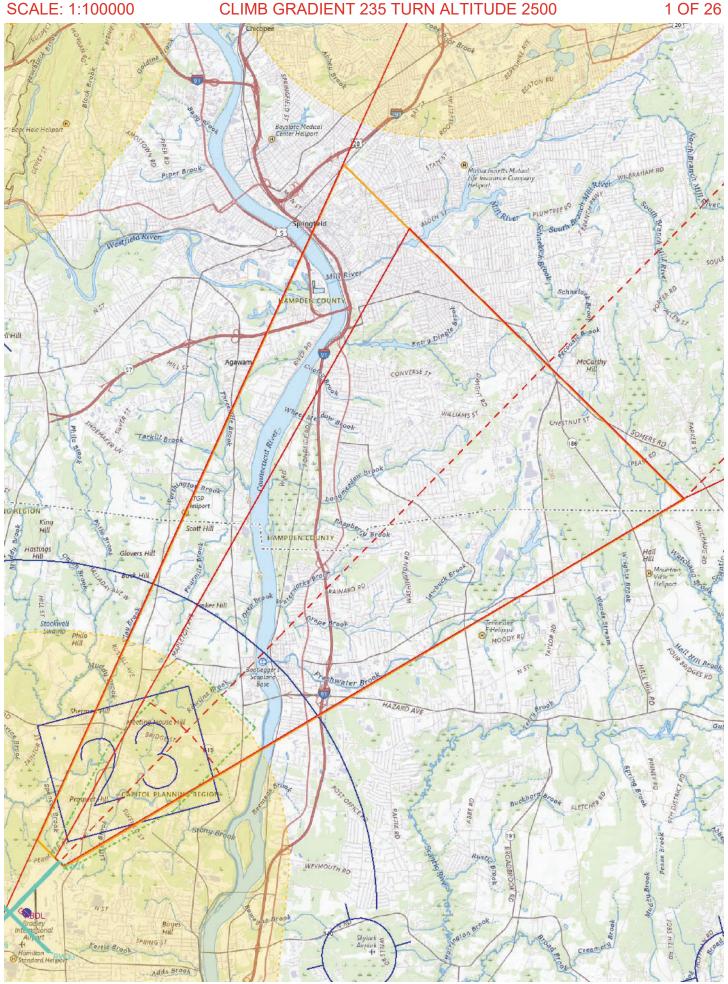
FLIGHT STANDARDS USE ONLY CONTROL NO.

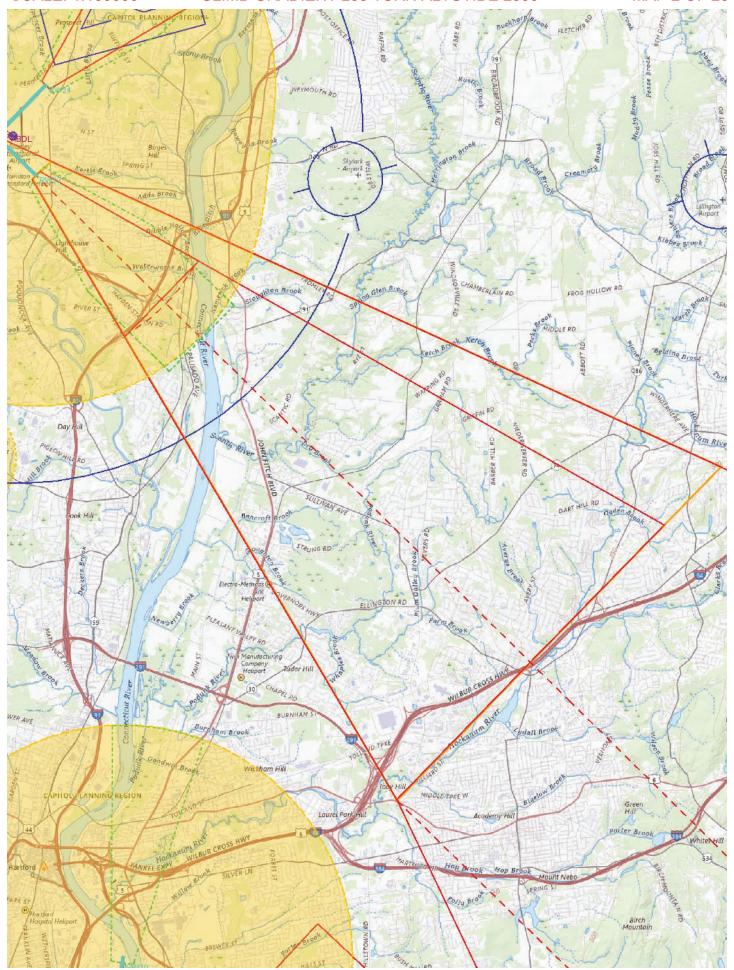
**COMMENTS:** 

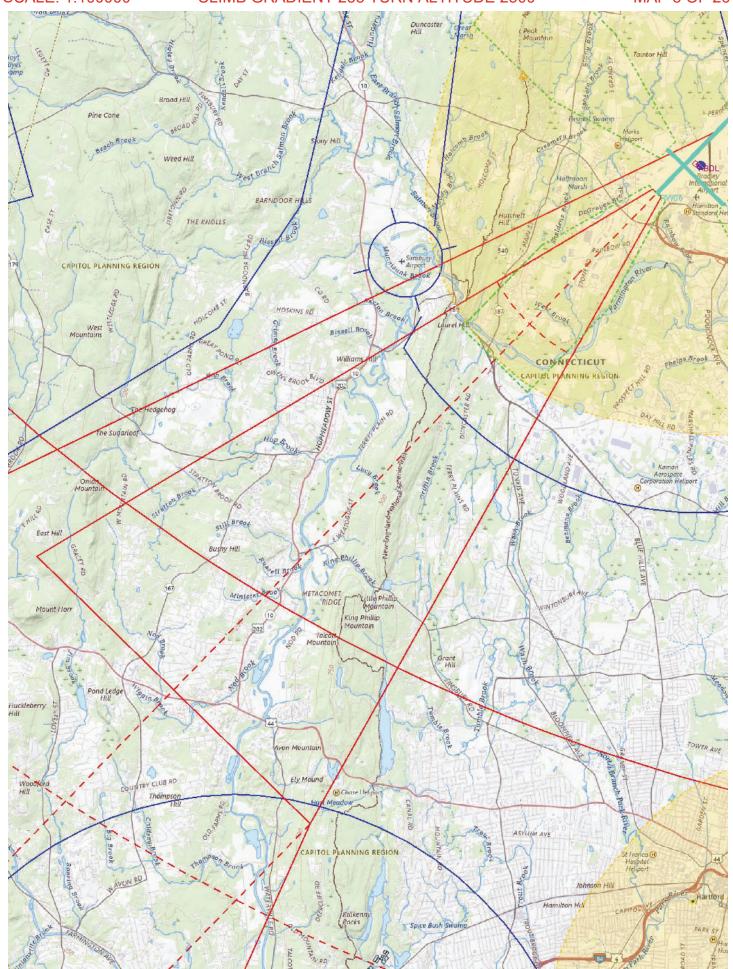
DATE ROUTING SYMBOL SIGNATURE

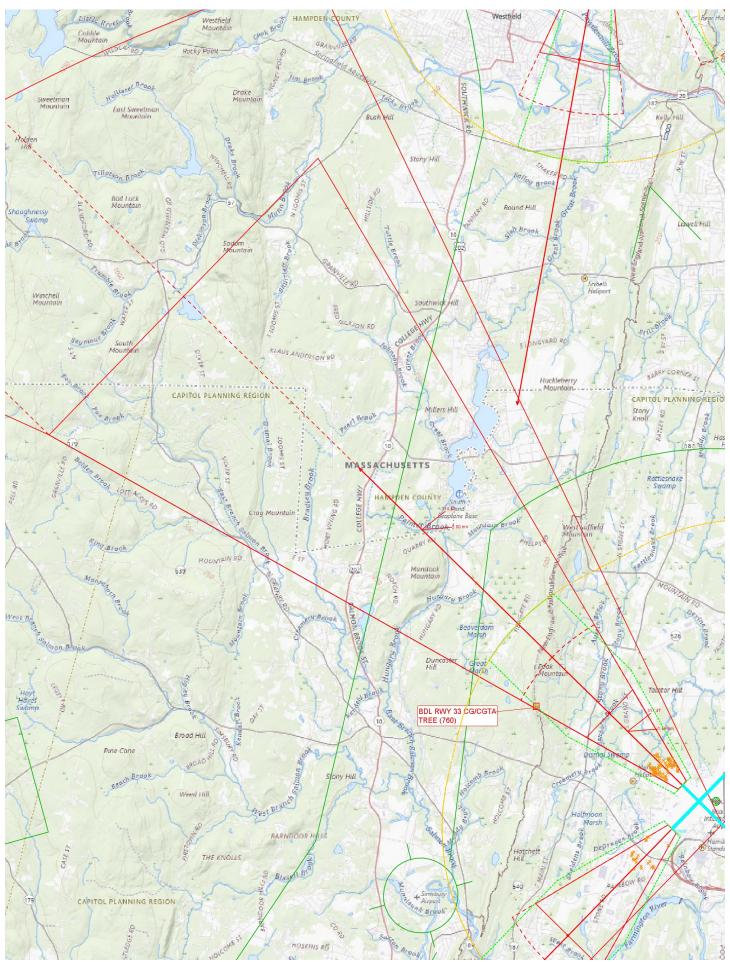
## THUMB (RNAV) SID - COMMON/TRANSITION ROUTES - EN ROUTE LOW CHART

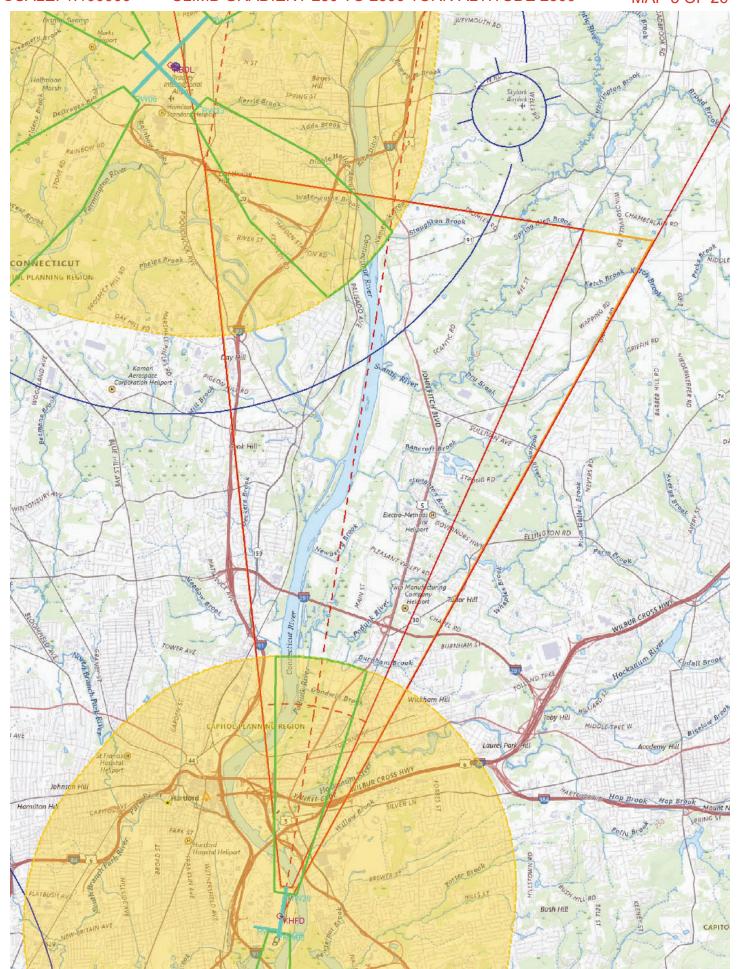


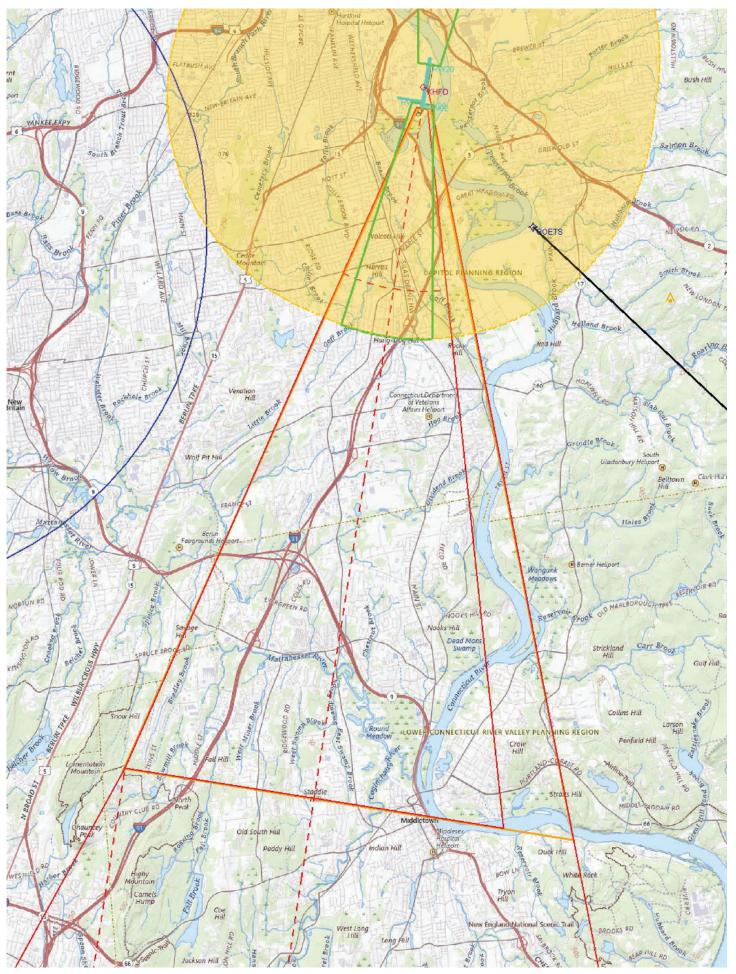


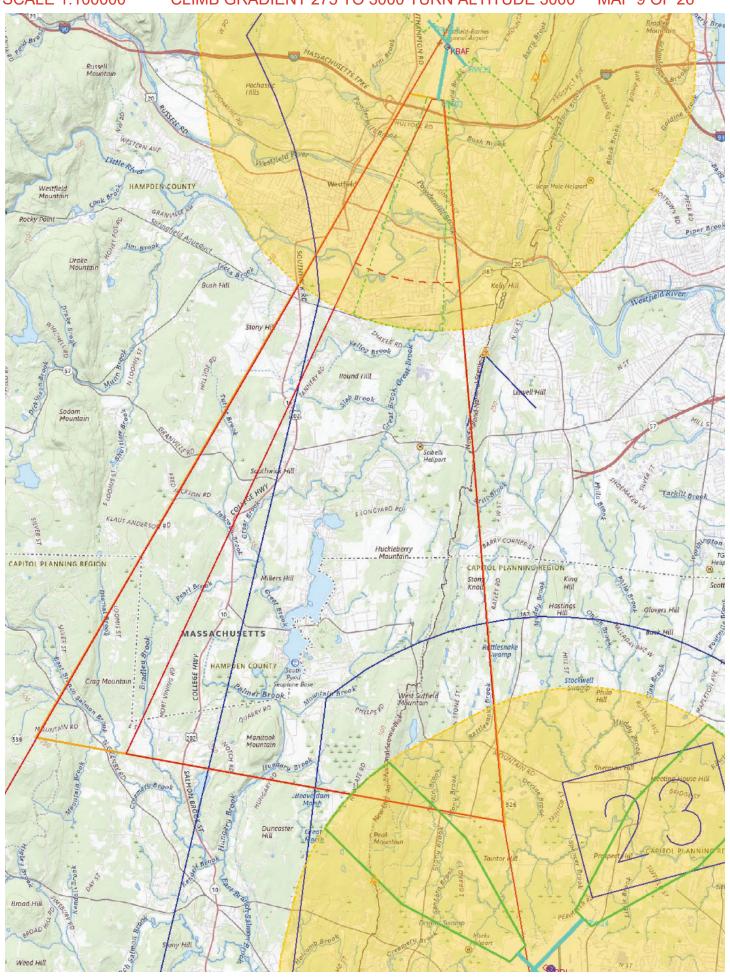




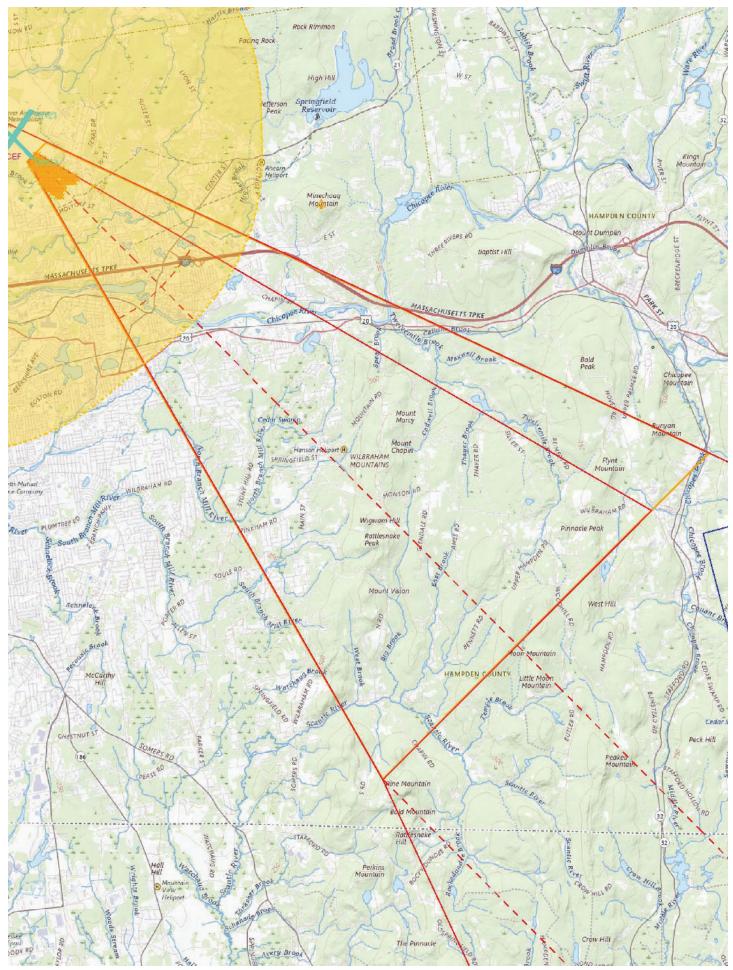




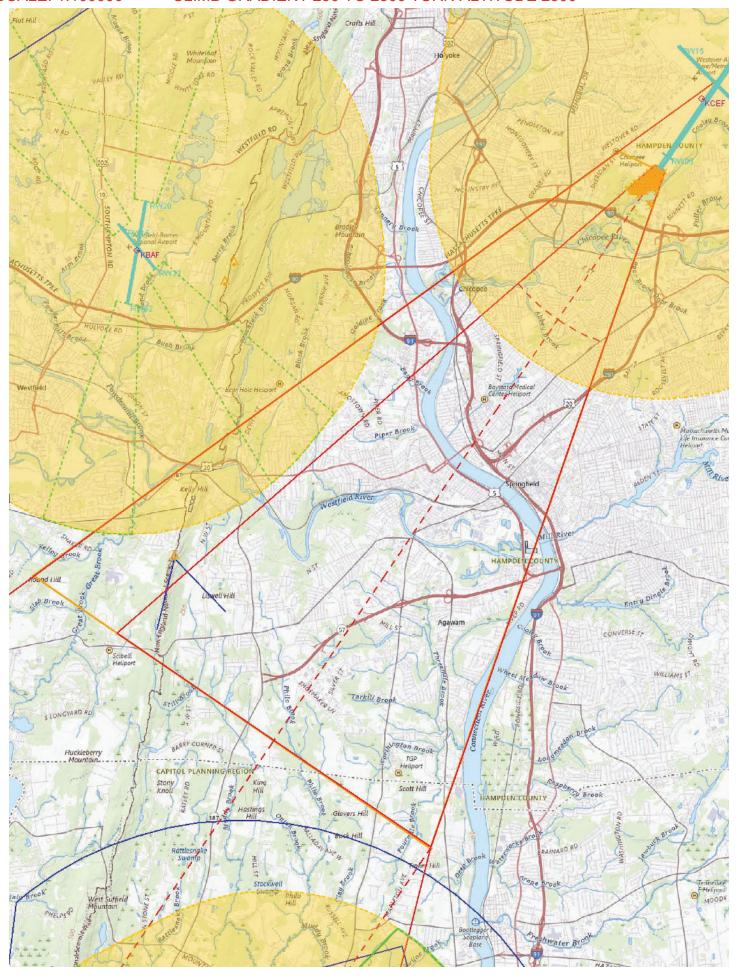


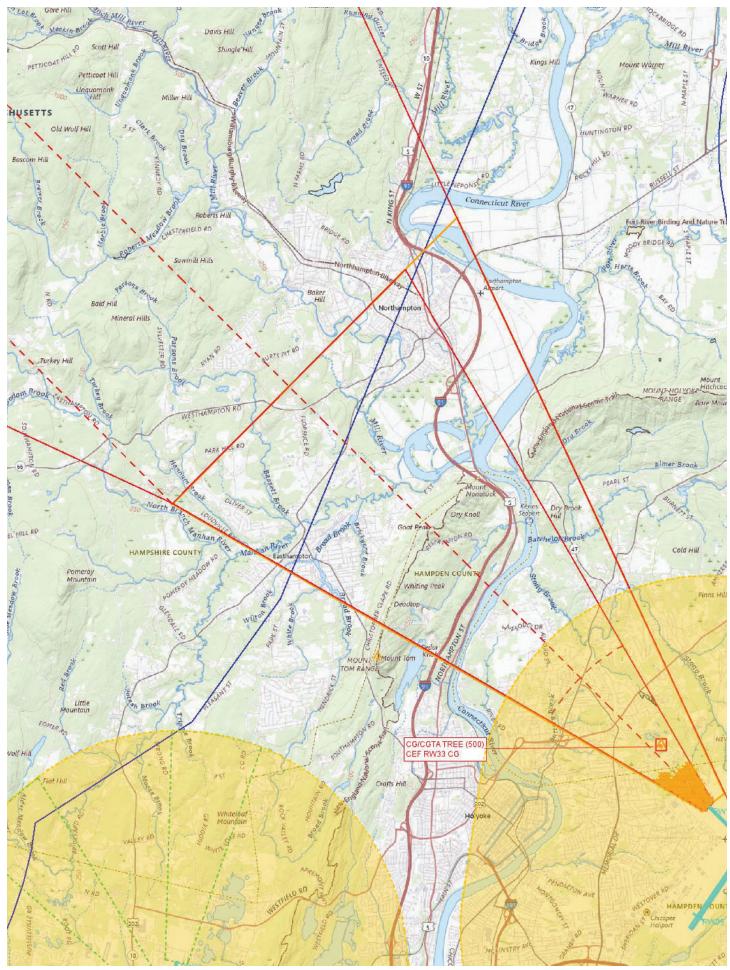


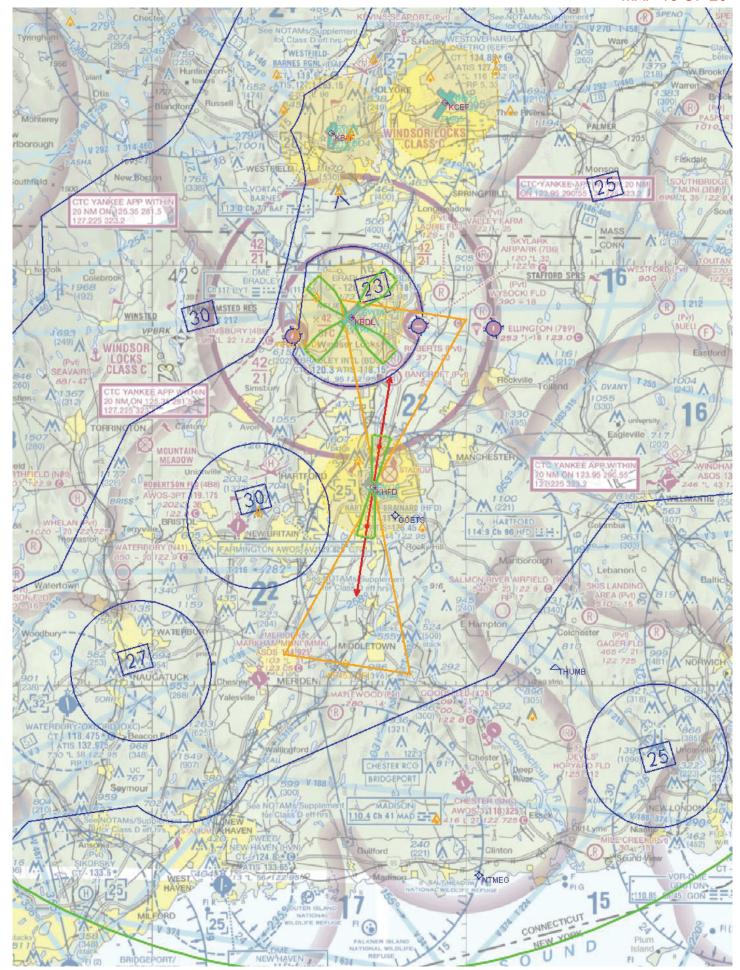
Russell Mountain



CEF RWY 23 SECTOR EVALUATION AREA INCLUDES ICA ENDS AT MVA 2500 SCALE: 1:100000 CLIMB GRADIENT 230 TO 2500 TURN ALTITUDE 2500 MAP 13 OF 26





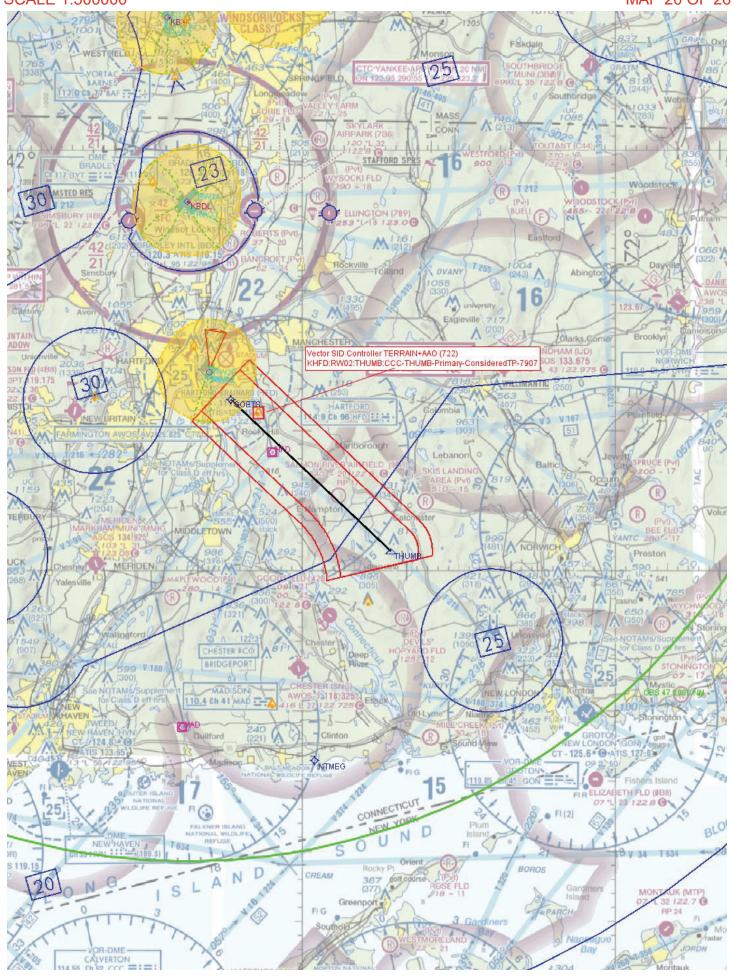


SCALE 1:500000 MAP 18 OF 26 VERMONT 524A 1617 Roya Bernardston M (359 Adams TURNERS Shelburne Falls Falls ORANGE MUNI (ORE -/1381 ASOS 135.675 556 'L 50 122 8 @ Ashfield n 116 GDM ■ □ 1909 116 95 6 Hubbar W Gummington 30 115.1 Ch 98 CTR NORTHAMP WESTFIELD PALMER Fiskdale WESTFIELD YANKEE APP WITH NM ON 25.35 28 1.5 MASS CONN 16 westforb it STAFFORD SPRS 23 OCKI FLD R T 212 (Pvt) BUELL WINSTED ELLINGTON (789) WINDSOR Eastford M (212) CLASS C Hockville Tolland DVANY 123.6 MOUNTAIN MEADOW MANCHESTER Olarks Corner TC YANKEE APE 0 NM ON 123.95 274225 323.2 KHFD POOETS 14:9 Ch 96 HFD 3 V 167 51

SCALE 1:500000 MAP 19 OF 26



SCALE 1:500000



CALVERTON

SCALE 1:500000 MAP 22 OF 26 Fiskdale WESTFIELD 25 MASS CONN AIRPARK (786) 120 L 32 1228 0 BRADL (R) Ť 212 ELLINGTON (789) 253 1 18 123.0 G Rockville Tolland DVANY (243) 1 Vector SID Controller TERRAIN+AAO (722) KBDL:RWQ6:THUMB:CCC-THUMB-Primary-ConsideredTP-7907 Clarks, Comer 20 NM ON 123.95 127:225 323.2 ASOS 133.675 1118 9 Ch 96 HFD 11 H V3 V167 riborough TERB MIDDLETOWN Preston MERIDEN BRIDGEPORT MADE 110.4 Ch 41 MAD = NTMEG to CCC TER Clinton Guilford GON / TP\_0\_KBDL CT - 125.6 \* @ ATIS\_127:0 NTMEG Fishers Island ELIZABETH FLD (ØB8) CONNECTICUT 07 °L 23 1228 @ ( . FI (2) BLO B y 34 T 634 S 119,15 BOROS CREAM 387 AUK (MTP 32 122.7 1 diners OR-DME-CALVERTON

BEADS

SMITH POINT PARK

CTC NEW YORK APP WITHIN 20 NM ON 120.05 343.75 10

SCALE 1:500000 MAP 25 OF 26

