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|--|------------------------------|---|--|---|--|
| Flight Procedures Cover Page | Task Action: FLIGHT CHECK | Task Type: STAR | Estimated Chart Date: 08/07/2025 | APWS Task ID: 43FA19A21C3C481A94F6F768C1E26615 | APWS Project ID: 2F608039ACCB491B96053A19590F4492 |
| Procedure: BAF STELA ONE (RNAV) ARRIVAL | | Enroute: YES | Specialist: Wilkinson, Christopher | | Agreement Number: |
| Airport ID: KBAF | | | Airport City: WESTFIELD/SPRINGFIELD | | State: MA |
| Facility ID: | Facility Type: | Flight Inspection Remark Type: New FC Slot | | | |
| <div>Procedure Comments:</div> <div>WAIVER: FAA ORDER 8260.3E, PARA 2-2-7E. COMMON ROUTE AND RUNWAY TRANSITIONS (WAIVER SUBMITTED TO AFS BY EST PFT).</div> <div>CONTACT CASIMIR TABAKA, AJV-A430, 405-202-7857.</div> <div>3/7/2025 THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 2/14/2025.</div> <div>1. ADDED HOLDING PAT 1 FOR STAR STELA (RNAV) PAT 1 AT KBAF.</div> <div><div>QUALITY 41 CHECKED</div><div>02/14/2025 QUALITY 14 CHECKED</div></div> | | | | | |

1. FLIGHT PROCEDURE IDENTIFICATION:

WINDSOR LOCKS, CT
BDL
STELA ARRIVAL (RNAV)

2. WAIVER REQUIRED AND APPLICABLE STANDARD:

Do not publish or code any altitudes on the procedure. Per 8260.3F, para 2-2-7e. Common route and runway transitions. Establish a mandatory, minimum or block altitude restriction at a fix that represents the lowest altitude authorized by the STAR or STAR runway transition.

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

a. The STELA STAR serves multiple airports and runway configurations within Yankee TRACON (Y90) airspace and utilizes varying altitude restrictions to all airports based on dynamic traffic situations. Additionally, the procedure authorizes differing aircraft types, thus introducing different performance characteristics from one aircraft to another. The STELA STAR is not a descend via procedure and ATC will issue CROSS (FIX) AT AND MAINTAIN or DESCEND AND MAINTAIN clearances to control the flow of traffic.

b. Coding the procedure with an altitude on the common route that serves multiple airports with mixed aircraft types and differing performance characteristics may cause confusion and additional workload when the issued altitude is different from the coded restriction on the procedure. Coding two different altitudes on one procedure based on aircraft type is not allowed per design criteria.

4. EQUIVALENT LEVEL OF SAFETY PROVIDED:

a. FAAO 7110.65, paragraph 4-5-6 and 5-6-1 requires altitude assignments above the minimum IFR altitude/minimum vectoring altitude (MIA/MVA).

b. With RADAR required and ATC issuing a "CROSS (FIX) AT AND MAINTAIN" or "DESCEND AND MAINTAIN" clearance for all aircraft ensures the requirements are met. These altitudes provide obstacle clearance, communication, and navigable facility requirements for aircraft to utilize. When radio communications are in use, ATC will provide appropriate altitudes as specified in the ZBW/Y90 Letter of Agreement for separation, including obstacle clearance.

5. ALTERNATIVE ACTIONS DEEMED NOT FEASIBLE:

Designing a STAR with coded altitudes was considered and deemed not feasible. Establishing coded altitudes on the STAR common route restricts ATC ability to dynamically assign altitudes based upon the traffic scenarios. A procedure with one coded altitude restriction on the common route that authorizes mixed aircraft performance characteristics and numerous airports of intended landing may create pilot confusion and questions resulting in a significant workload increase for ATC and pilots.

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. SUBMITTED BY:

| DATE | OFFICE IDENTIFICATION | TITLE |
|------|-----------------------|-------|
| | AJV-A430 | MGR |

SIGNATURE

Digitally signed by
CASIMIR L TABAKA

Feb 18, 2025

8. AFS ACTIONS:

☐ APPROVED ☐ DISAPPROVED ☐ NOT REQUIRED

COMMENTS:

DATE

ROUTING SYMBOL

SIGNATURE

FOR INFO ONLY



Federal Aviation Administration

Memorandum

Date:

To: Instrument Flight Procedures Service Providers

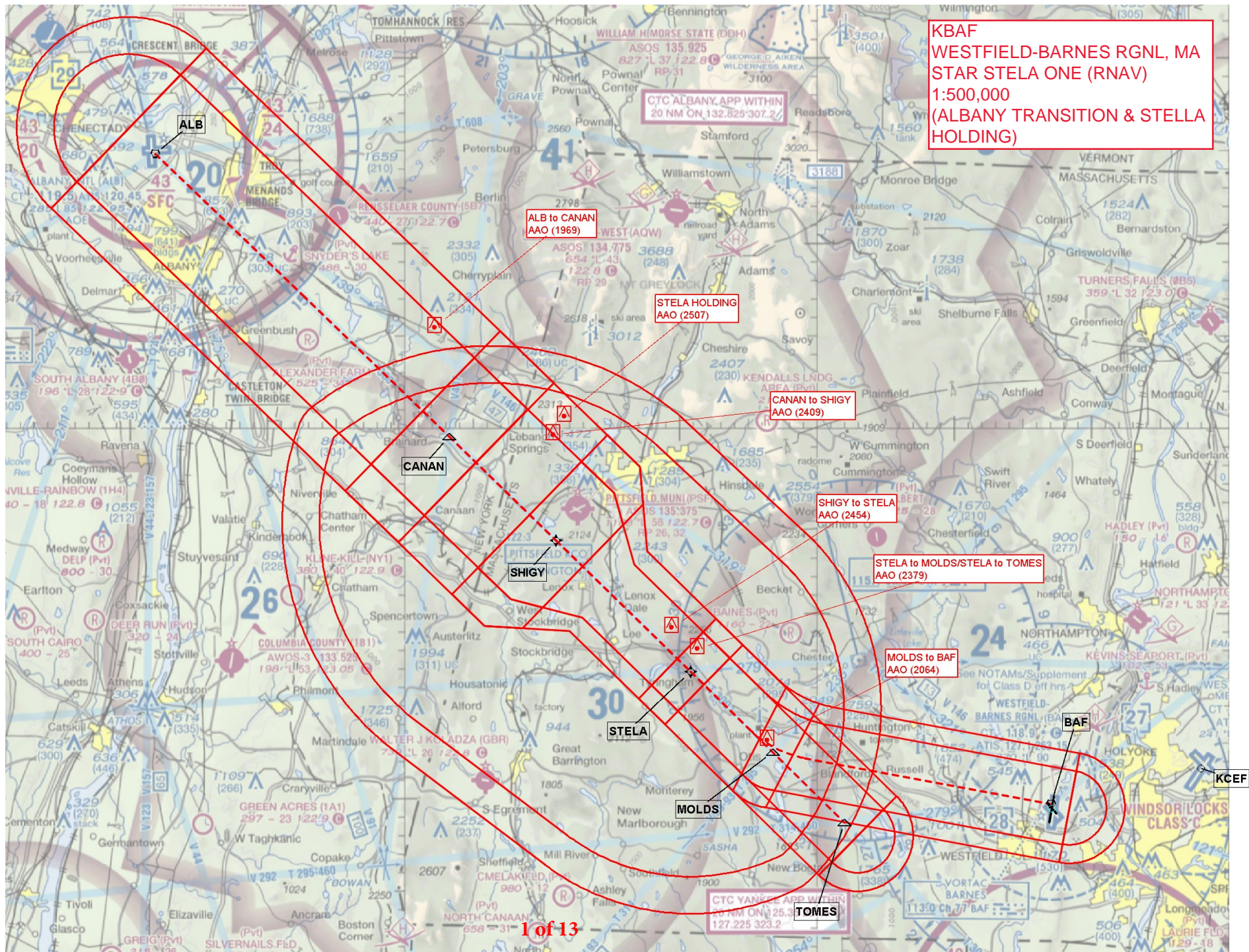
From: Eric S. Parker, Acting Manager, Flight Technologies and Procedures
Division

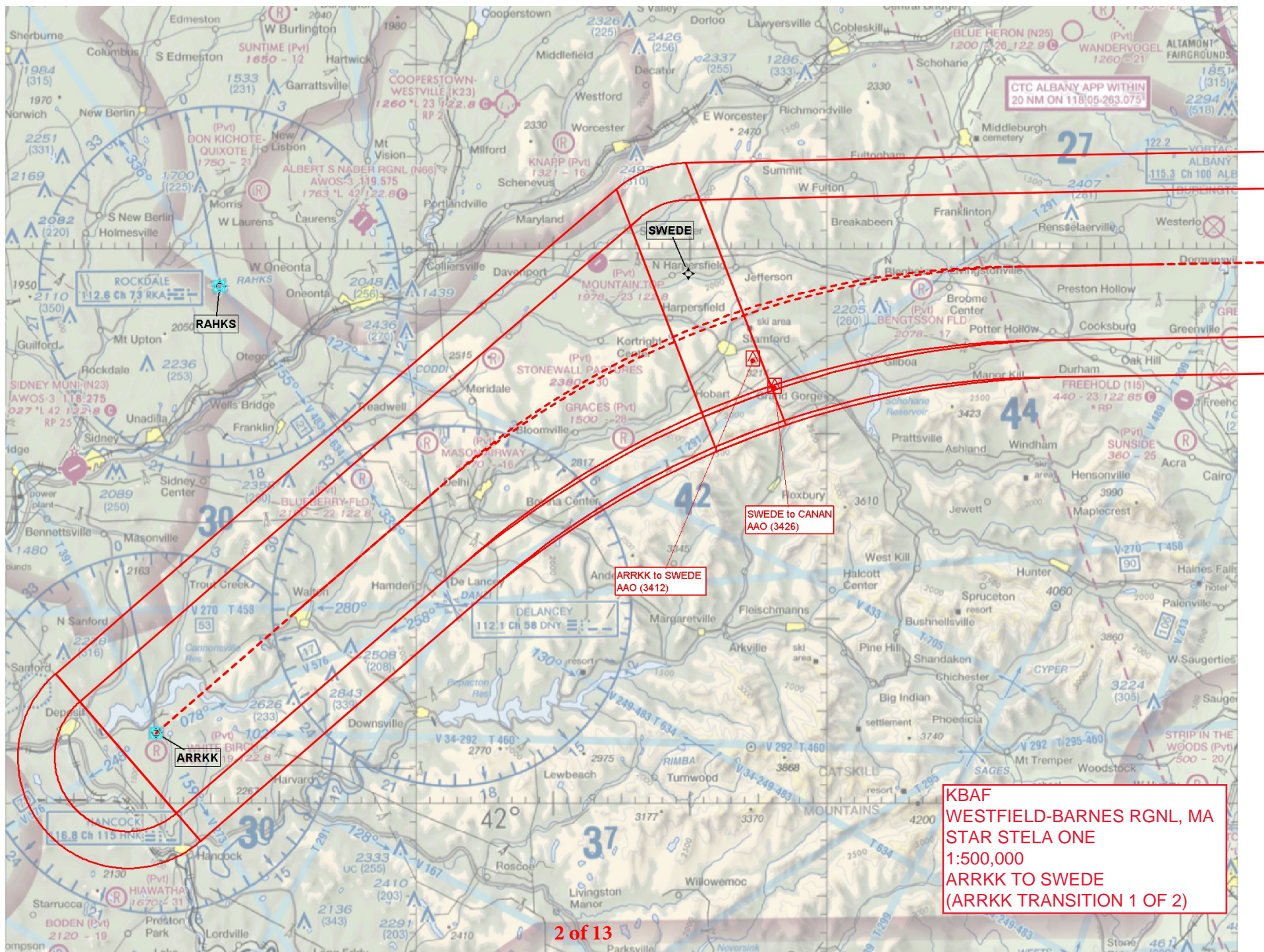
Subject: Waiver to FAA Order 8260.19, Flight Procedures and Airspace, STAR
Termination Altitude

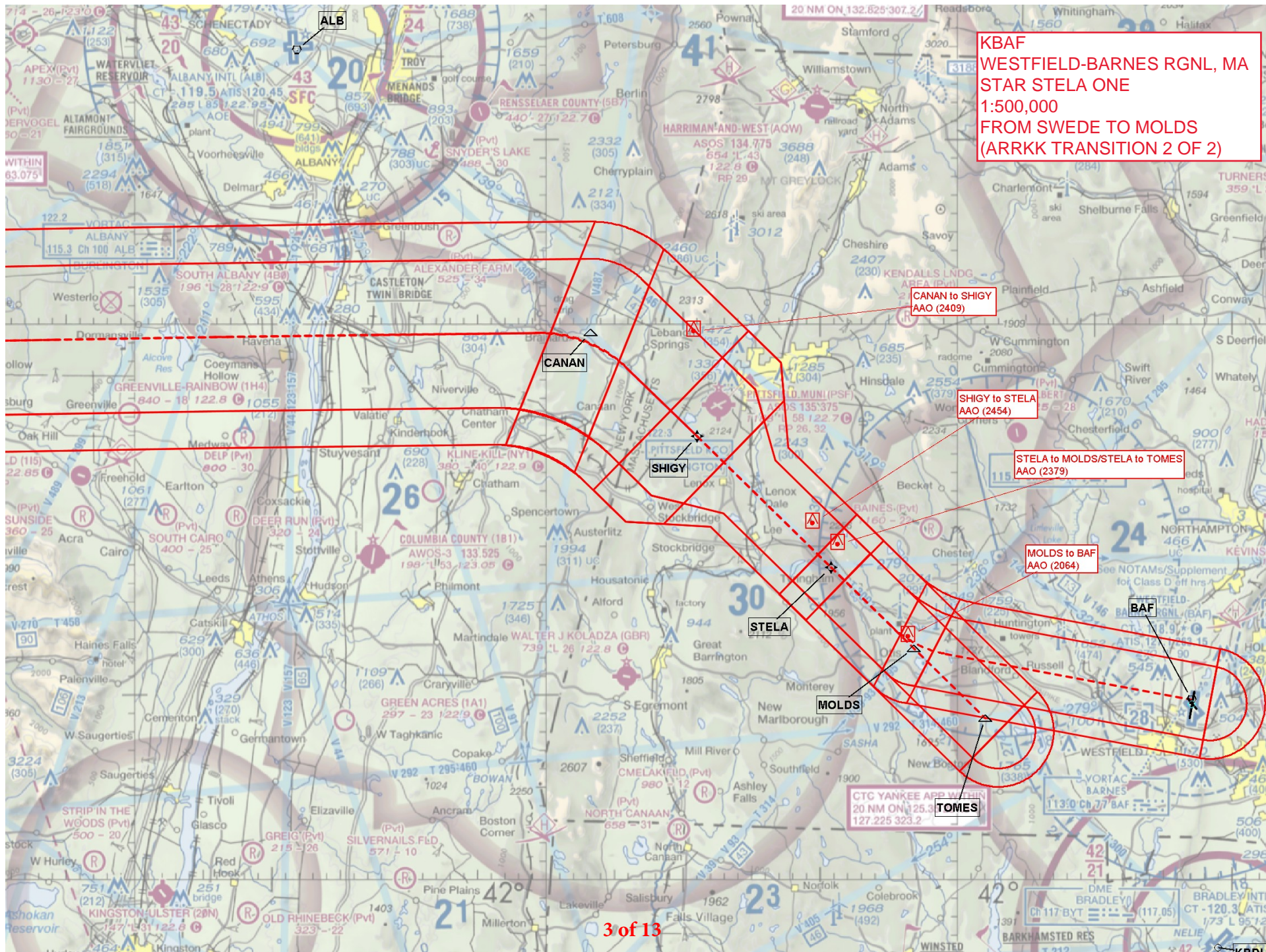
This memorandum waives the requirement of FAA Order 8260.19 paragraph 4-5-2.j for an altitude to be specified at the termination fix at the STAR termination point [see memo dated July 18, 2023, subject: Waiver to FAA Order 8260.3, paragraph 2-2-7.f(2)].

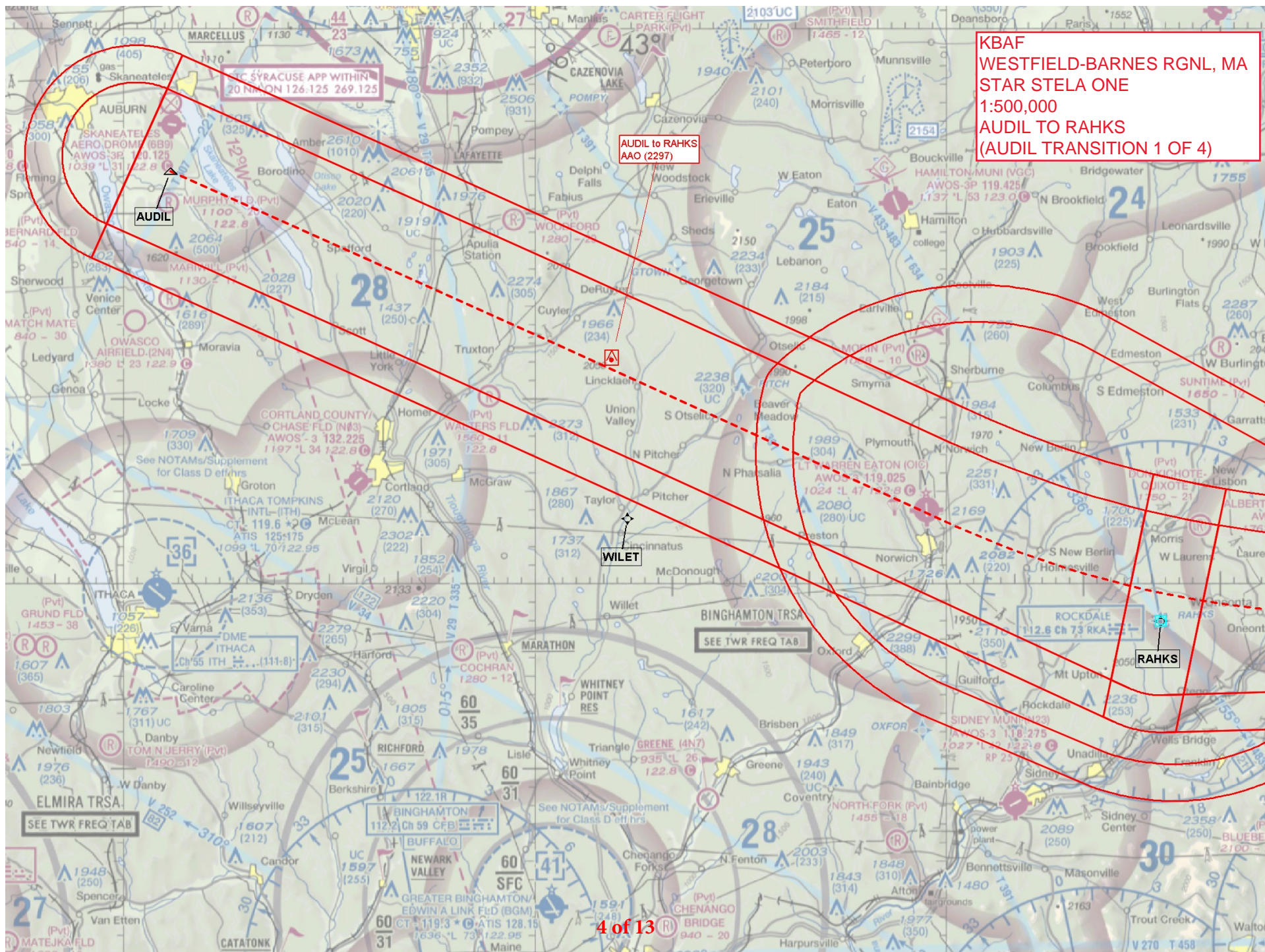
When no altitude is specified at that fix, the lowest altitude that will be assigned by air traffic control at the termination fix must be used for descent gradient and obstacle clearance calculations and noted in the Remarks section of Form 8260-17.1. Example: LOWEST ASSIGNED ATC ALTITUDE AT GIZMO, 3000.

No additional waiver request action is required. Please direct all inquiries to the Flight Procedures and Airspace, Standards Section (405) 954-1139 or 9-AWA-AVS-AFS420@faa.gov.

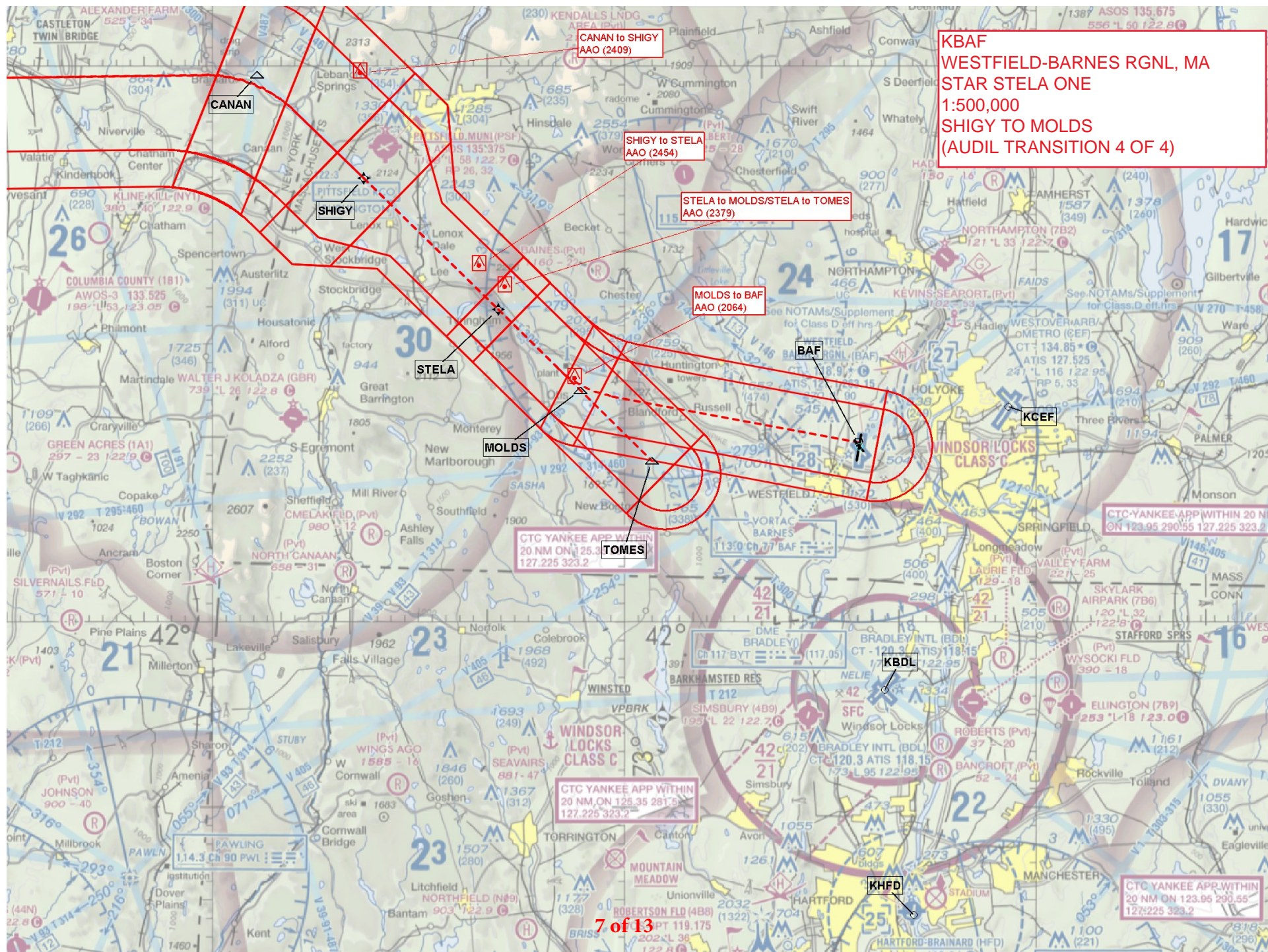




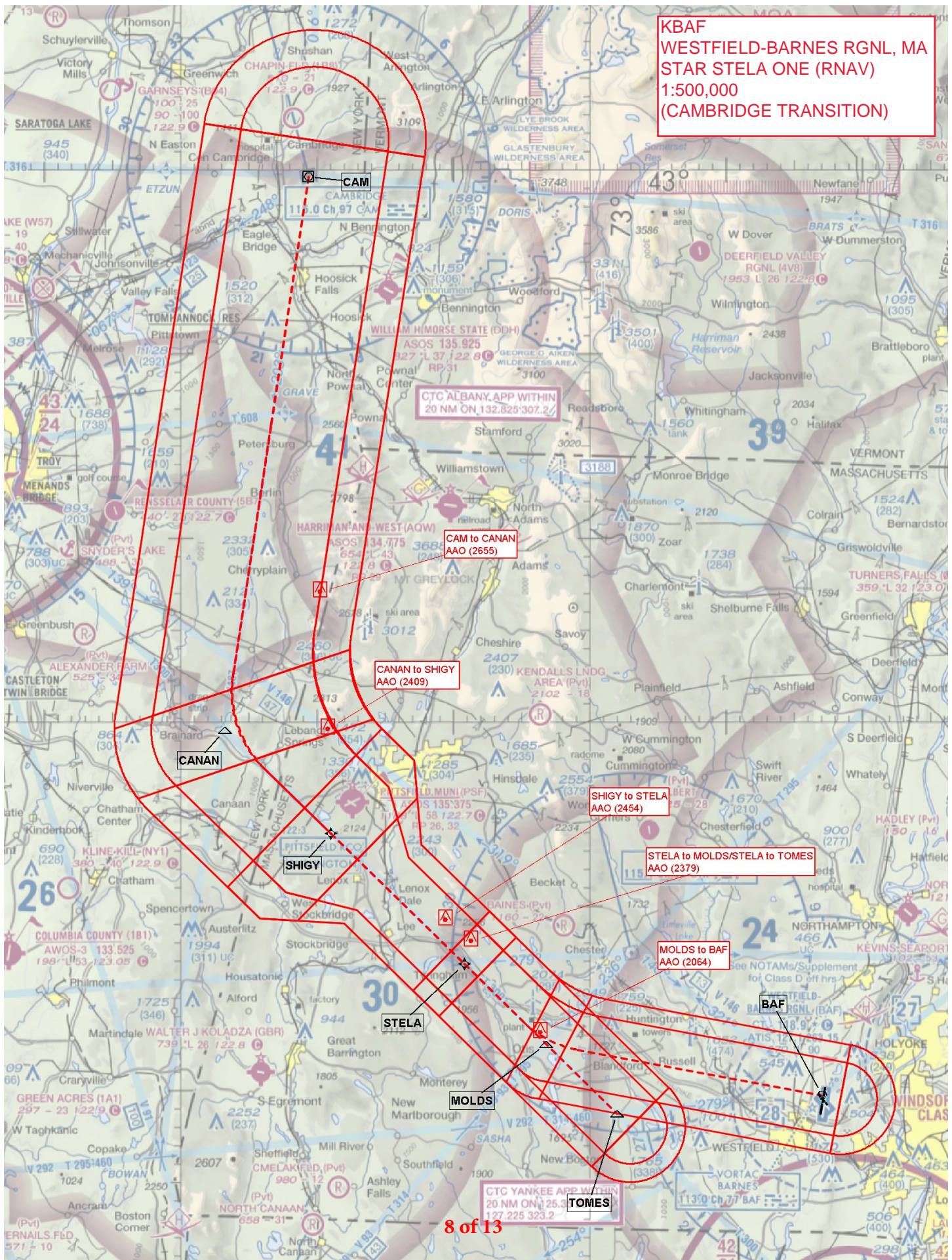




KBAF
 WESTFIELD-BARNES RGNL, MA
 STAR STELA ONE
 1:500,000
 AUDIL TO RAHKS
 (AUDIL TRANSITION 1 OF 4)



KBAF
WESTFIELD-BARNES RGNL, MA
STAR STELA ONE (RNAV)
1:500,000
(CAMBRIDGE TRANSITION)



KBAB
WESTFIELD-BARNES RGNL, MA
STAR STELA ONE
1:500,000
RAHKS TO SWEDE
(RAHKS TRANSITION 1 OF 2)

RAHKS to SWEDE
AAO (2750)

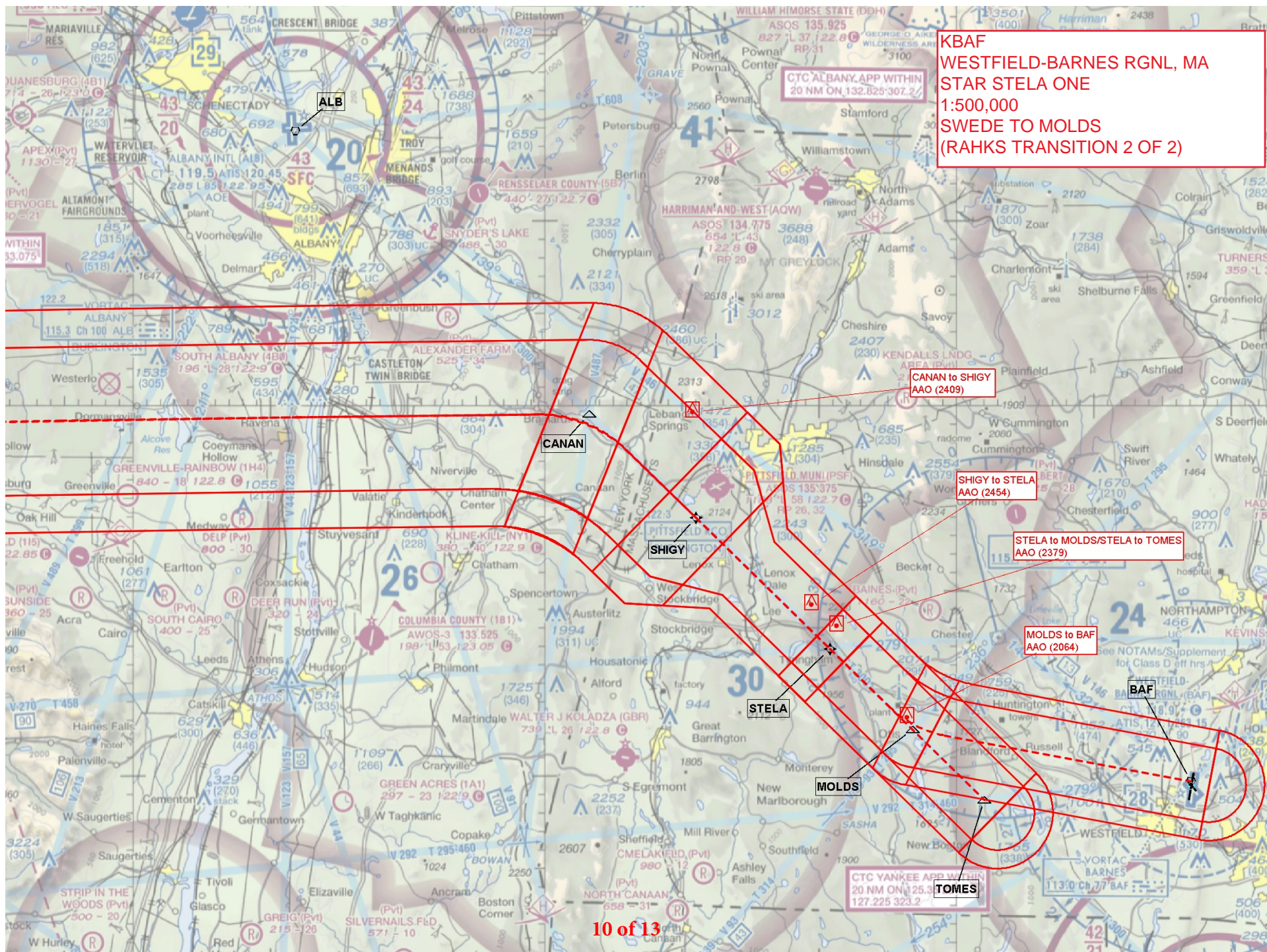
CTC ALBANY APP WITHIN
20 NM ON 118.05-263.075

SWEDE

RAHKS

SWEDE to CANAN
AAO (3426)

ARRKK



KBAF
WESTFIELD-BARNES RGNL, MA
STAR STELA ONE
1:500,000
WILET TO SWEDE
(WILET TRANSITION 1 OF 3)

WILET to RAHKS
AAO (2238)

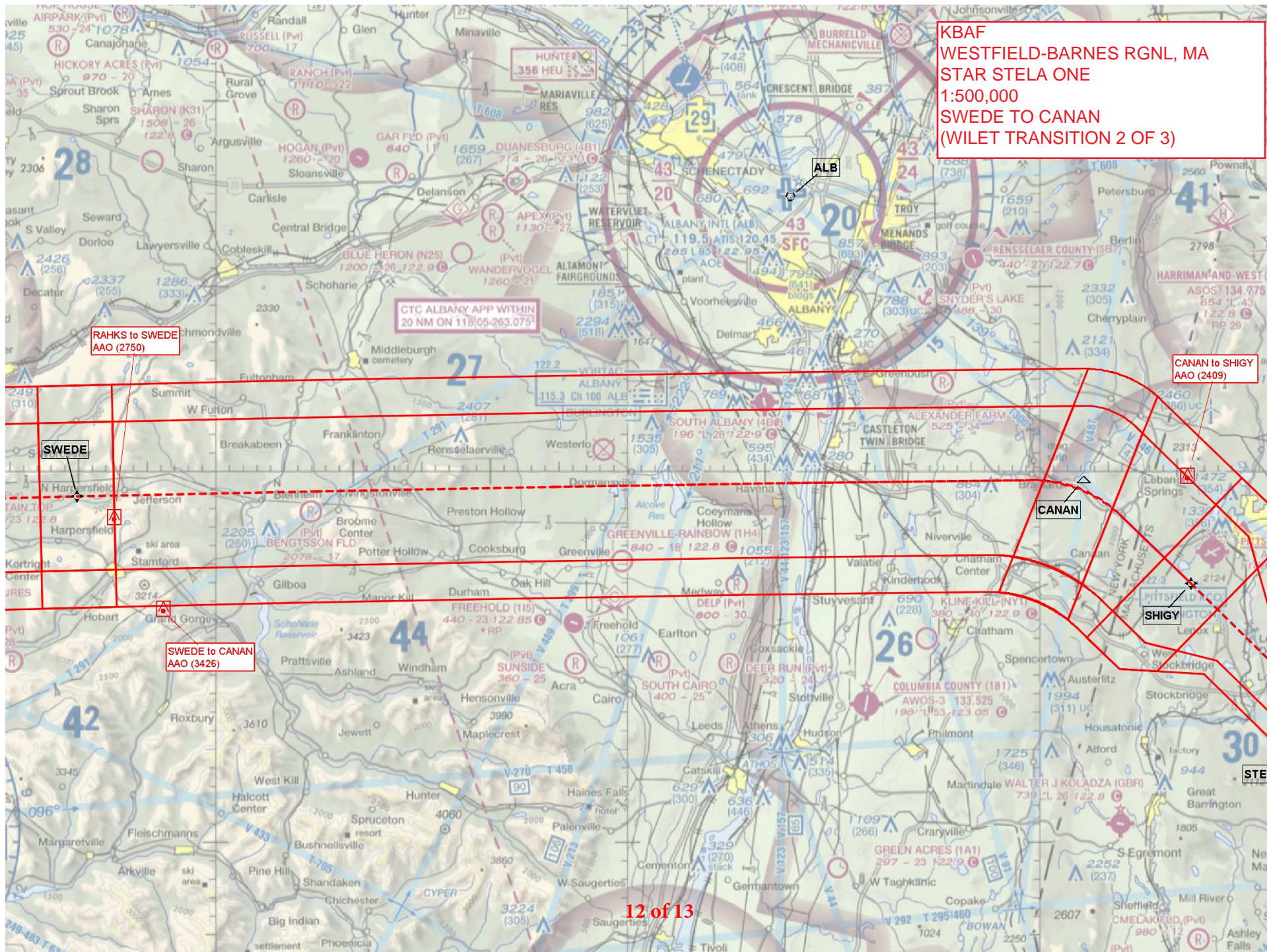
RAHKS to SWEDE
AAO (2750)

WILEY

SWEDE

SEE TWR FREQ TAB

RAHKS



WBAF
WESTFIELD-BARNES RGNL, MA
STAR STELA ONE
1:500,000
SWEDE TO CANAN
(WILET TRANSITION 2 OF 3)

RAHKS to SWEDE
AAO (2750)

CTC ALBANY APP WITHIN
20 NM ON 118.05-263.075

CANAN to SHIGY
AAO (2409)

SWEDE to CANAN
AAO (3426)

KBAF
WESTFIELD-BARNES RGNL, MA
STAR STELA ONE
1:500,000
CANAN TO MOLDS
(WILET TRANSITION 3 OF 3)

CANAN to SHIGY
AAO (2409)

CANAN

SHIGY

SHIGY to STELA
AAO (2454)

STELA to MOLDS/STELA to TOMES
AAO (2379)

MOLDS to BAF
AAO (2064)

STELA

MOLDS

BAF

TOMES