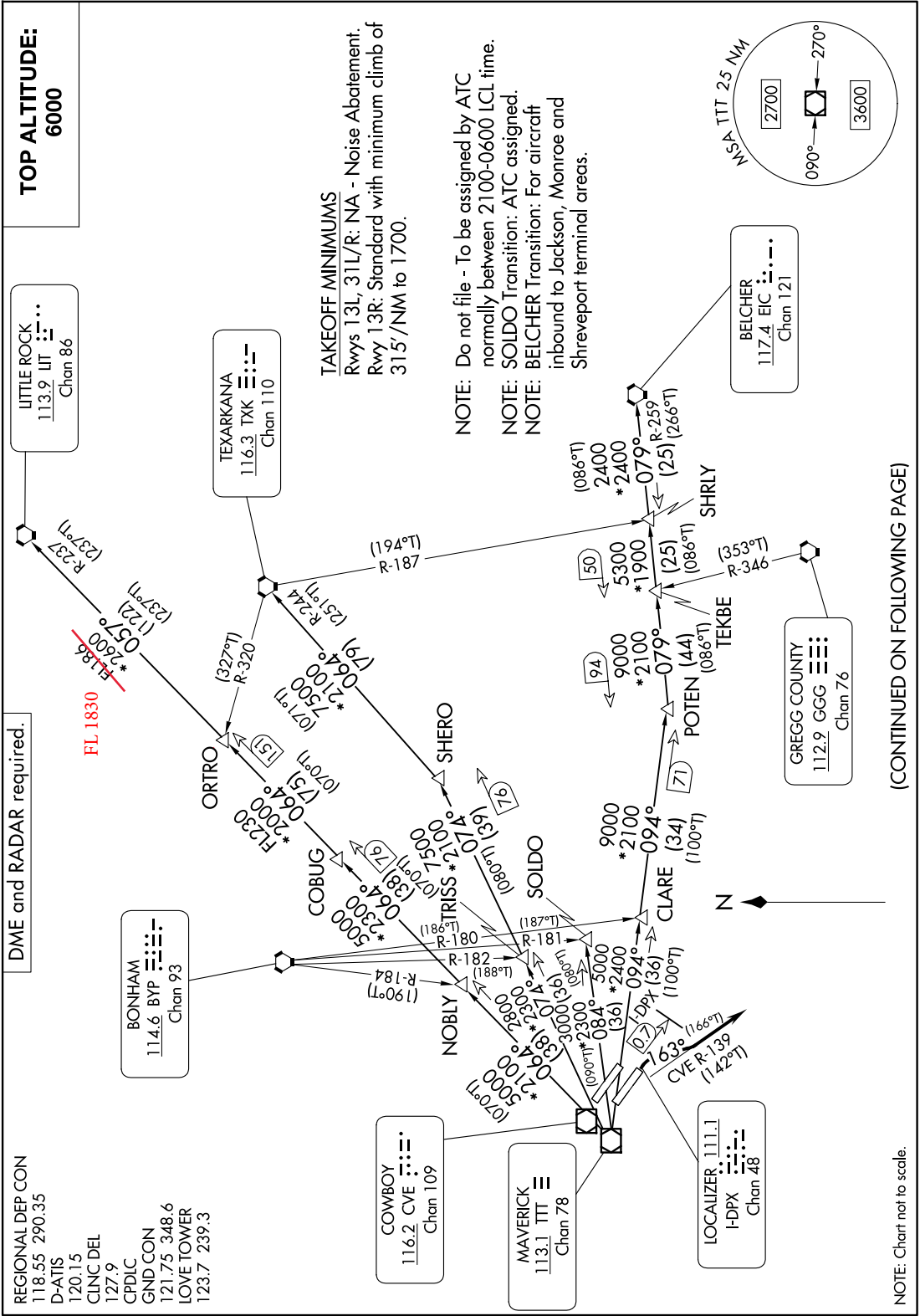


Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: SID	Estimated Chart Date: 10/31/2024	APWS Task ID: 25C41365EDB646CB9F1F9D19933580AE	APWS Project ID: 390916A4584F4D93AE5FA92B3B779EF8
Procedure: SID BACHMAN TWO DALLAS TX KDAL		Enroute: YES	Specialist: Keefer, John		Agreement Number:
Airport ID: KDAL			Airport City: DALLAS		State: TX
Facility ID:	Facility Type:	Flight Inspection Remark Type: New FC Slot			
Procedure Comments: LITTLE ROCK VORTAC MOVED 8 MILES NORTH. 8260-1 WAIVER FOR ATC CLIMB GRADIENT. CONTACT CASIMIR TABAKA 405-954-7931. Digitally signed by JOSEPH L ZEDER Jul 30, 2024 QUALITY 41 CHECKED QUALITY 8 CHECKED					

BACHMAN TWO DEPARTURE



BACHMAN TWO DEPARTURE



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 13R: Climb on heading 163° no later than I-DPX 0.7 DME outbound on I-DPX localizer southeast course to intercept and climb on CVE R-139 for RADAR vectors to appropriate route, maintain 6000, expect filed altitude 10 minutes after departure.

ALL AIRCRAFT: ATC climb gradient: If unable to accept climb rate advise ATC prior to taxi.

RUNWAY 13R: ATC climb of 482'/NM to 1700.

BELCHER TRANSITION (BACH2.EIC): From over TTT VOR/DME on TTT R-094 to POTEN, then on EIC R-259 to EIC VORTAC.

LITTLE ROCK TRANSITION (BACH2.LIT): From over TTT VOR/DME on TTT R-064 to ORTRO, then on LIT R-237 to LIT VORTAC.

SOLDO TRANSITION (BACH2.SOLDO): From over TTT VOR/DME on TTT R-084 to SOLDO.

TEXARKANA TRANSITION (BACH2.TXK): From over TTT VOR/DME on TTT R-074 to SHERO, then on TXK R-244 to TXK VORTAC.

PROTOTYPE: NOT FOR NAVIGATION

AUTOMATED AL-106 BACHMAN DEPARTURE (CONT PAGE)

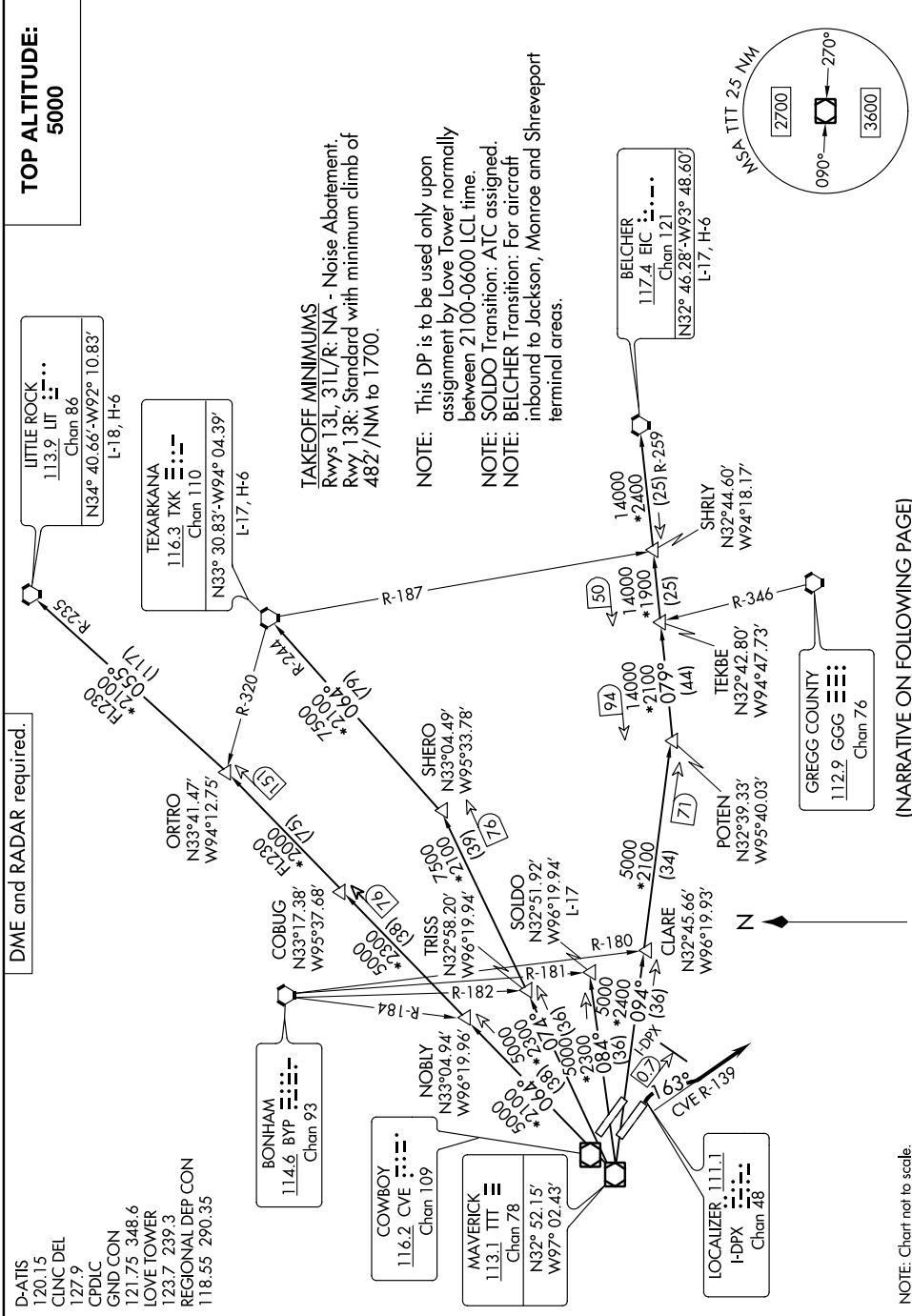
SC-2
4 JUN 2024
COMPILER: BB
REVIEWER:
DBL CHKR:
EFF DATE: FIG

BACHMAN ONE DEPARTURE

EXISTING

DALLAS LOVE FLD (DAL)
DALLAS, TEXAS

SC-2, 22 FEB 2024 to 21 MAR 2024



BACHMAN ONE DEPARTURE

EXISTING



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 13R: Climb on heading 163° no later than 0.7 DME outbound on I-DPX localizer southeast course to intercept and climb on CVE R-139 for RADAR vectors to appropriate route, unless otherwise advised maintain 5000, expect filed altitude 10 minutes after departure.

BELCHER TRANSITION (BACH1.EIC): From over TTT VOR/DME on TTT R-094 to POTEN, then on EIC R-259 to EIC VORTAC.

LITTLE ROCK TRANSITION (BACH1.LIT): From over TTT VOR/DME on TTT R-064 to ORTRO, then on LIT R-235 to LIT VORTAC.

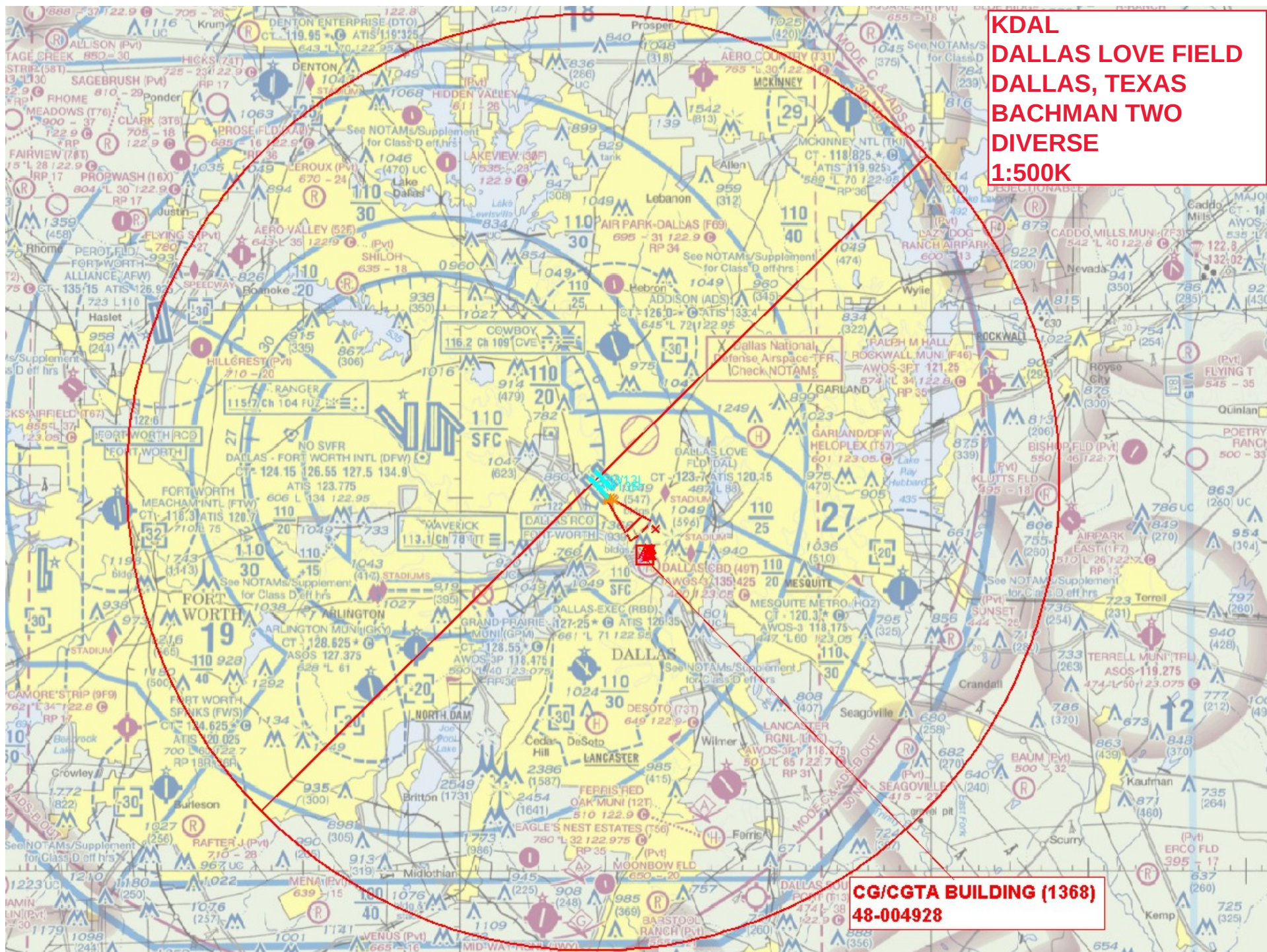
SOLDO TRANSITION (BACH1.SOLDO): From over TTT VOR/DME on TTT R-084 to SOLDO.

TEXARKANA TRANSITION (BACH1.TXK): From over TTT VOR/DME on TTT R-074 to SHERO, then on TXK R-244 to TXK VORTAC.

SC-2, 22 FEB 2024 to 21 MAR 2024

SC-2, 22 FEB 2024 to 21 MAR 2024

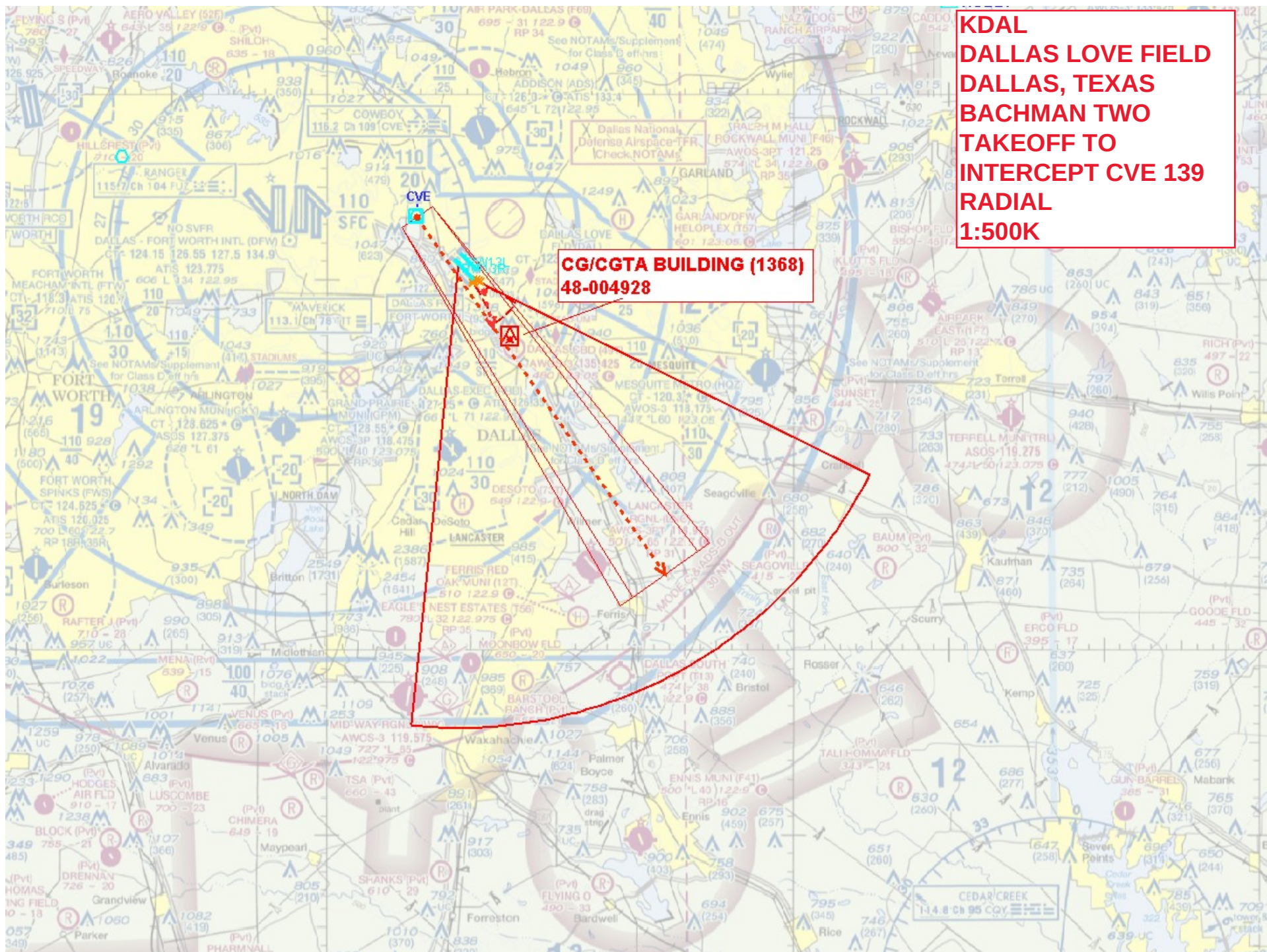
KDAL
DALLAS LOVE FIELD
DALLAS, TEXAS
BACHMAN TWO
DIVERSE
1:500K



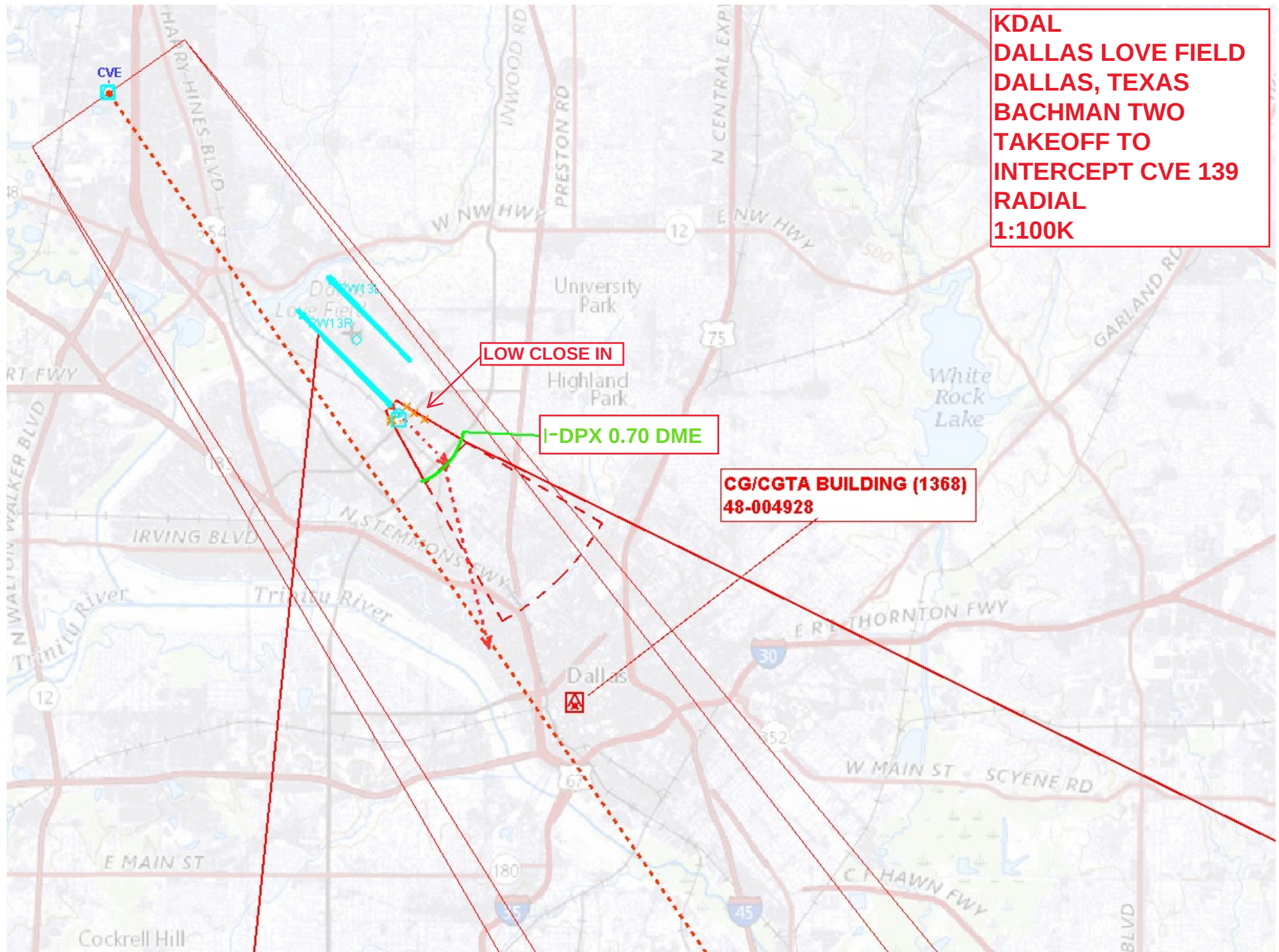
CG/CGTA BUILDING (1368)
48-004928

**KDAL
DALLAS LOVE FIELD
DALLAS, TEXAS
BACHMAN TWO
TAKEOFF TO
INTERCEPT CVE 139
RADIAL
1:500K**

**CG/CGTA BUILDING (1368)
48-004928**



**KDAL
DALLAS LOVE FIELD
DALLAS, TEXAS
BACHMAN TWO
TAKEOFF TO
INTERCEPT CVE 139
RADIAL
1:100K**



**KDAL
DALLAS LOVE FIELD
DALLAS, TEXAS
BACHMAN TWO
TAKEOFF TO
INTERCEPT CVE 139
RADIAL
1:100K**

LOW CLOSE IN

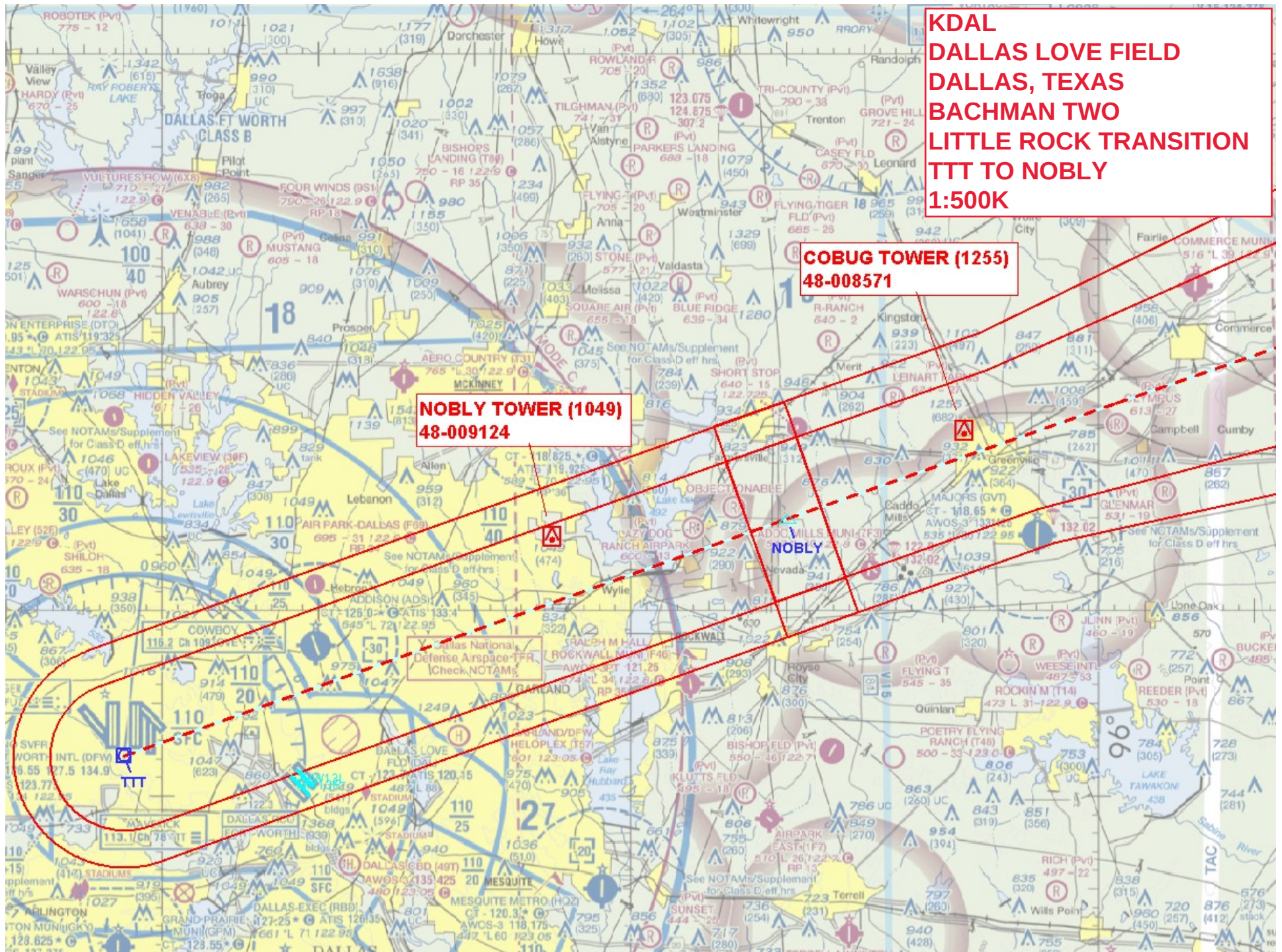
CG/CGTA BUILDING (1368)
48-004928

KDAL
DALLAS LOVE FIELD
DALLAS, TEXAS
BACHMAN TWO
LITTLE ROCK TRANSITION
TTT TO NOBLY
1:500K

COBUG TOWER (1255)
48-008571

NOBLY TOWER (1049)
48-009124

Dallas National
Defense Aerospace TFR
(Check NOTAMS)



KDAL
DALLAS LOVE FIELD
DALLAS, TEXAS
BACHMAN TWO
LITTLE ROCK TRANSITION
NOBLY TO COBUG
1:500K

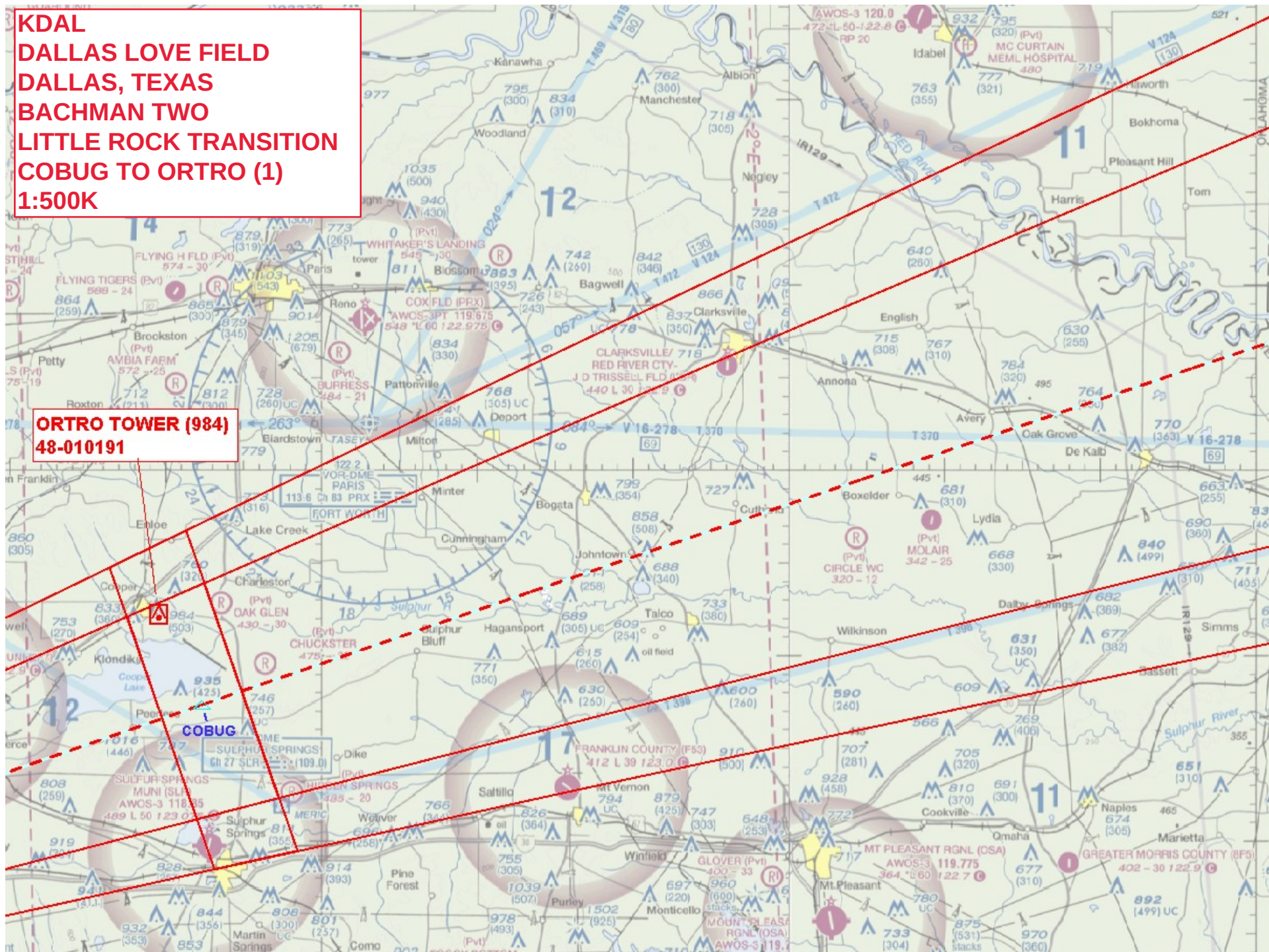
ORTRO TOWER (984)
48-010191

COBUG TOWER (1255)
48-008571

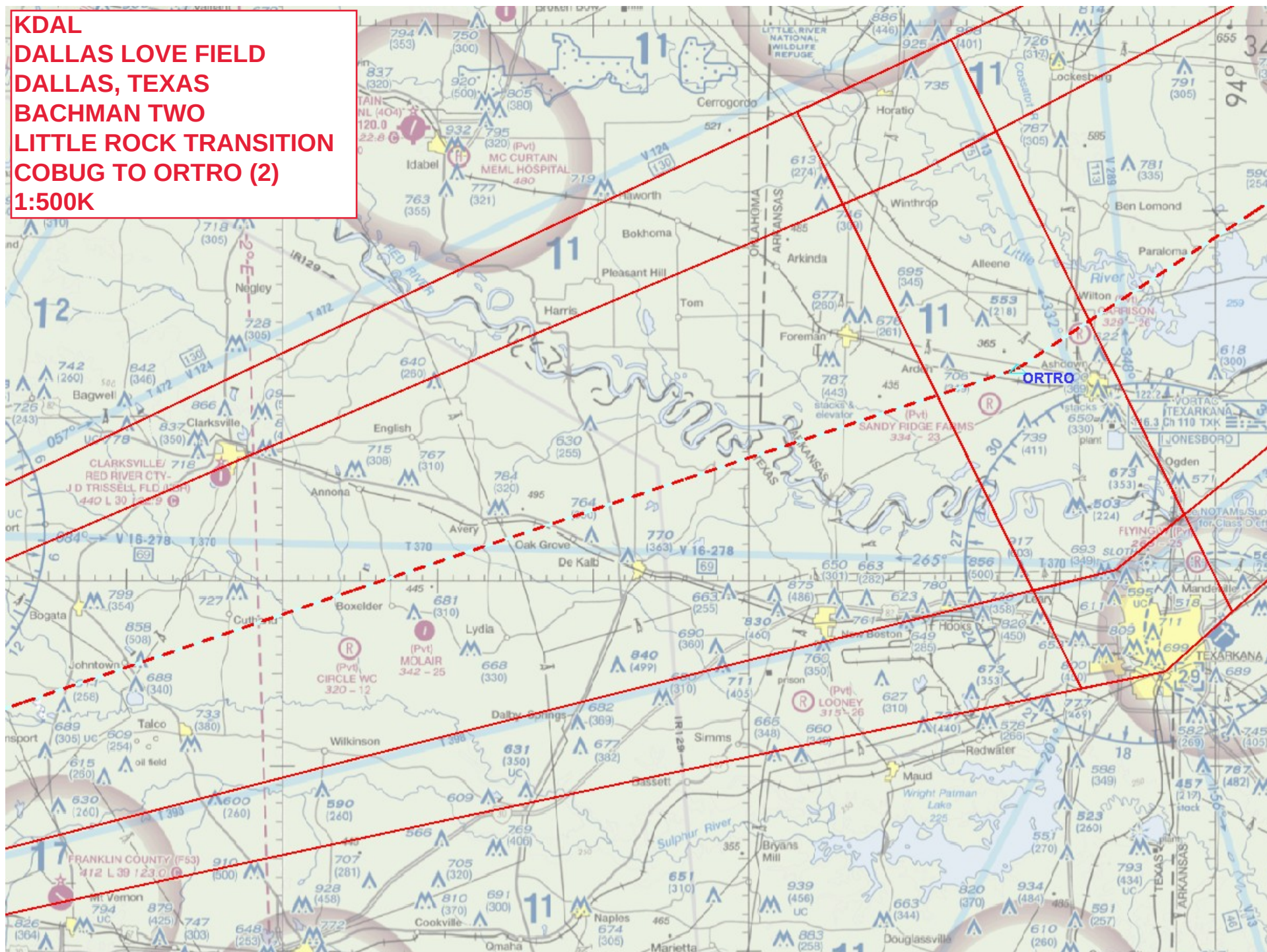
NOBLY

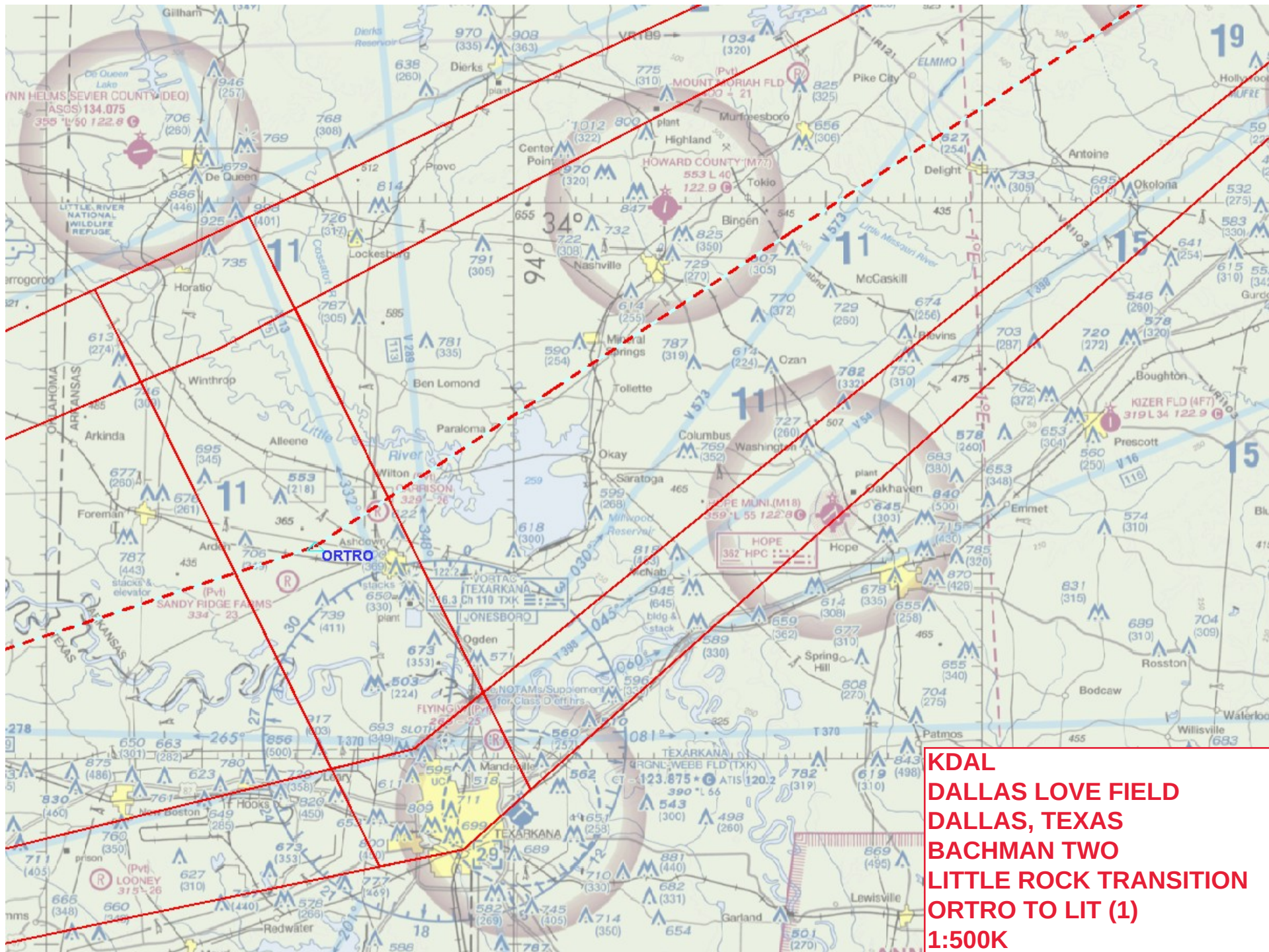
KDAL
DALLAS LOVE FIELD
DALLAS, TEXAS
BACHMAN TWO
LITTLE ROCK TRANSITION
COBUG TO ORTRO (1)
1:500K

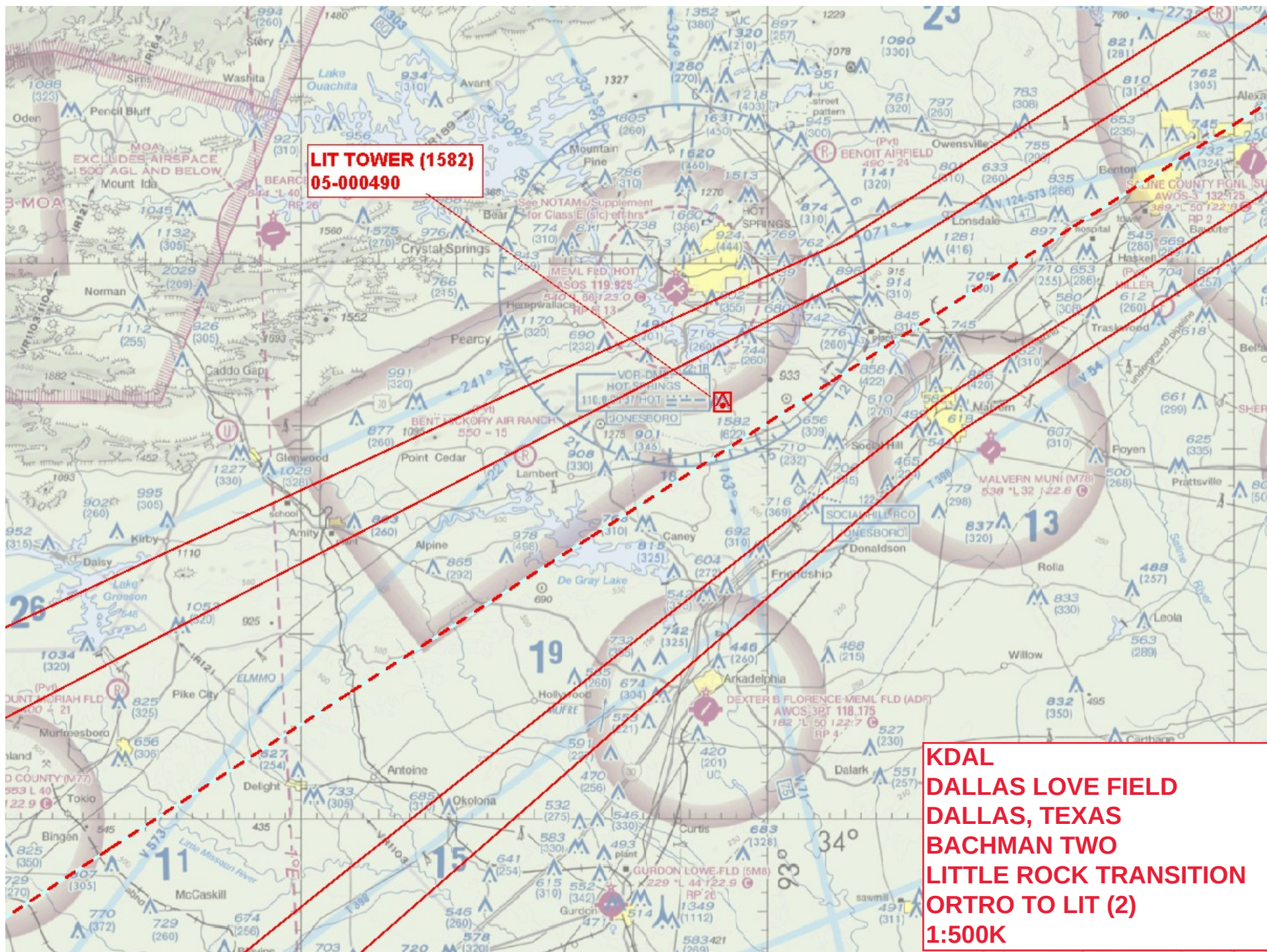
ORTRO TOWER (984)
48-010191



KDAL
DALLAS LOVE FIELD
DALLAS, TEXAS
BACHMAN TWO
LITTLE ROCK TRANSITION
COBUG TO ORTRO (2)
1:500K







LIT TOWER (1582)
05-000490

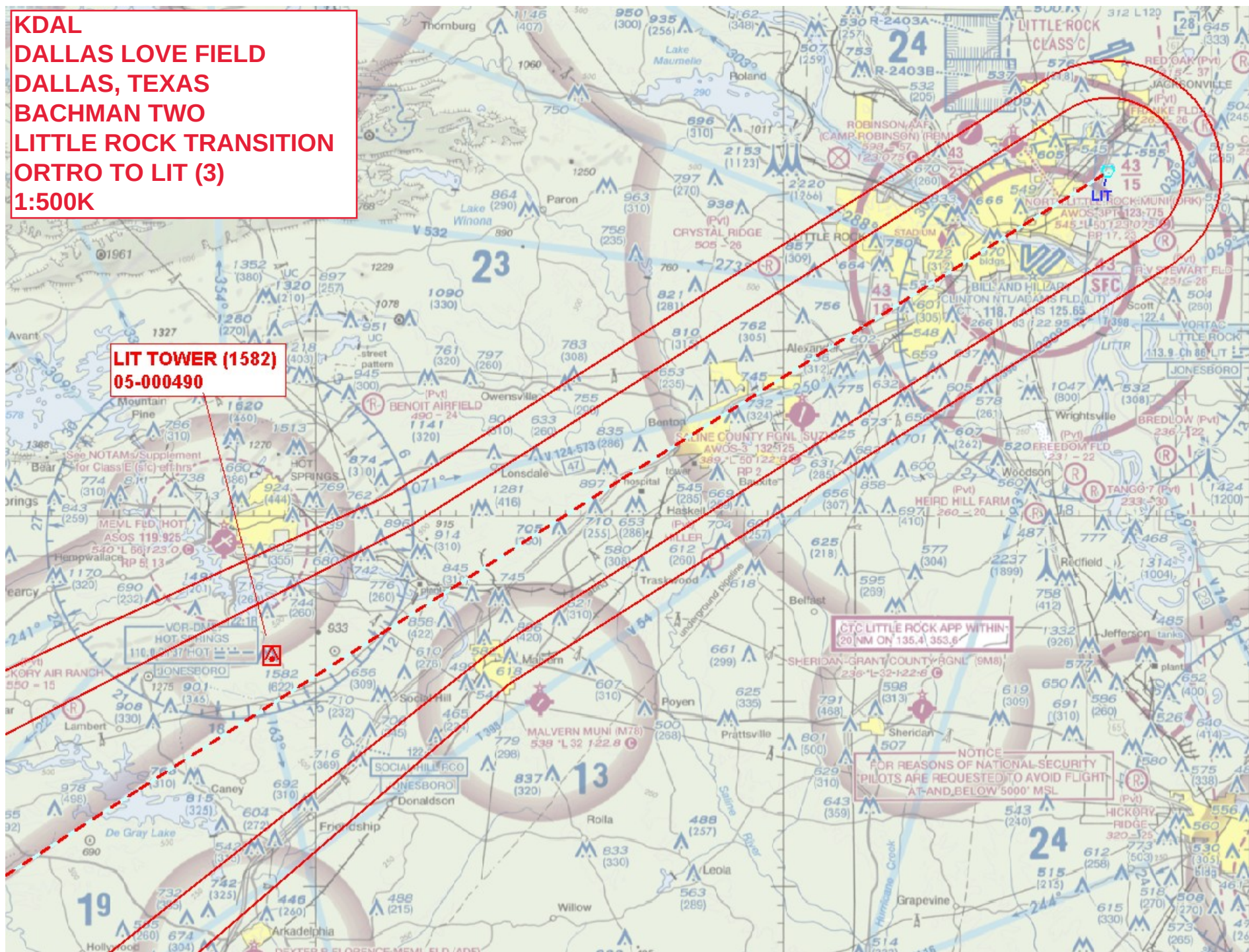
KDAL
DALLAS LOVE FIELD
DALLAS, TEXAS
BACHMAN TWO
LITTLE ROCK TRANSITION
ORTRO TO LIT (2)
1:500K

KDAL
DALLAS LOVE FIELD
DALLAS, TEXAS
BACHMAN TWO
LITTLE ROCK TRANSITION
ORTRO TO LIT (3)
1:500K

LIT TOWER (1582)
05-000490

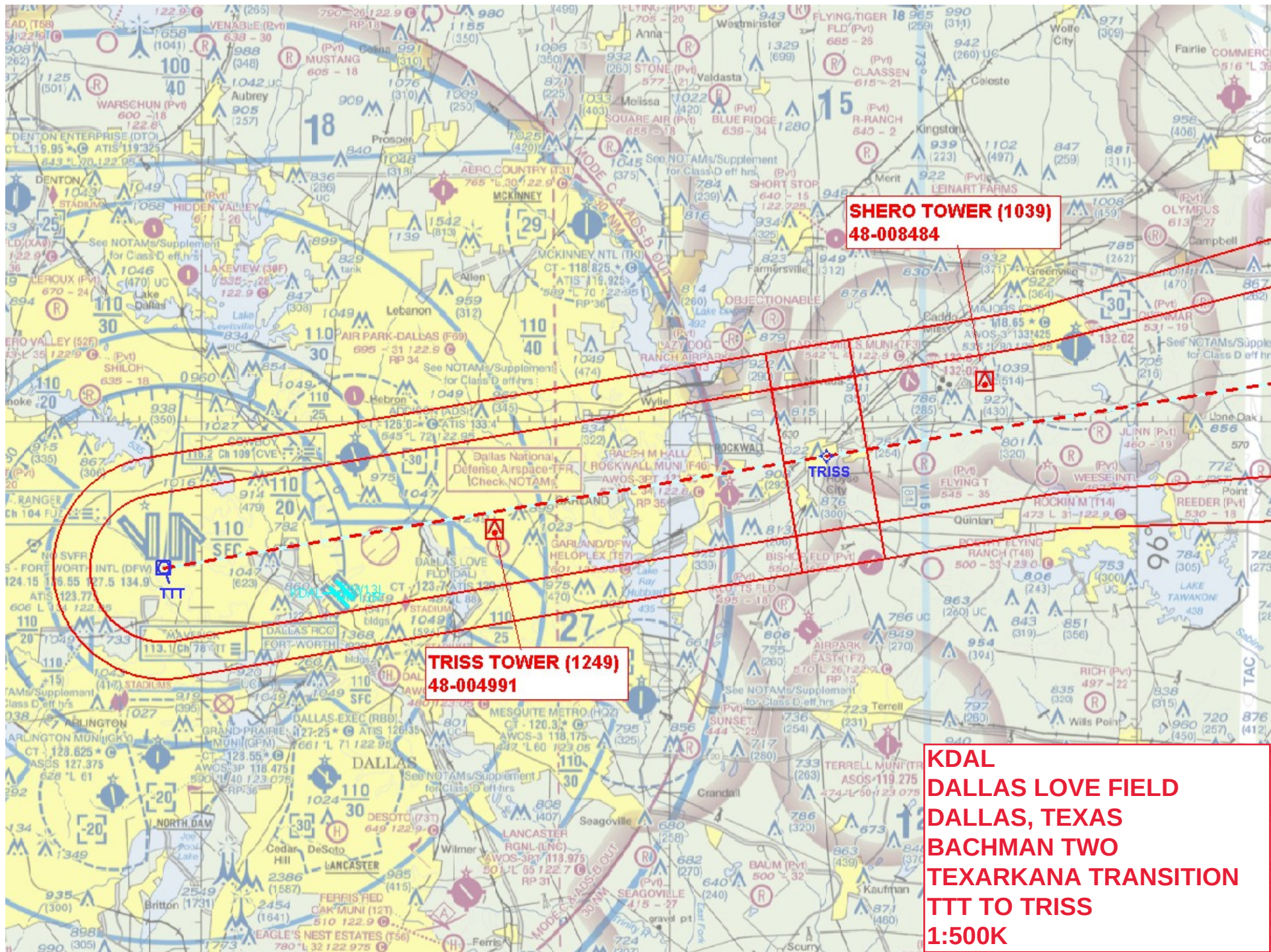
CTC LITTLE ROCK APP WITHIN
(20 NM ON 135.4) 353.6

NOTICE
FOR REASONS OF NATIONAL SECURITY
PILOTS ARE REQUESTED TO AVOID FLIGHT
AT AND BELOW 5000' MSL



SOLDO TOWER (1249)
48-004991

KDAL
DALLAS LOVE FIELD
DALLAS, TEXAS
BACHMAN TWO
SOLDO TRANSITION
TTT TO SOLDO
1:500K



SHERO TOWER (1039)
48-008484

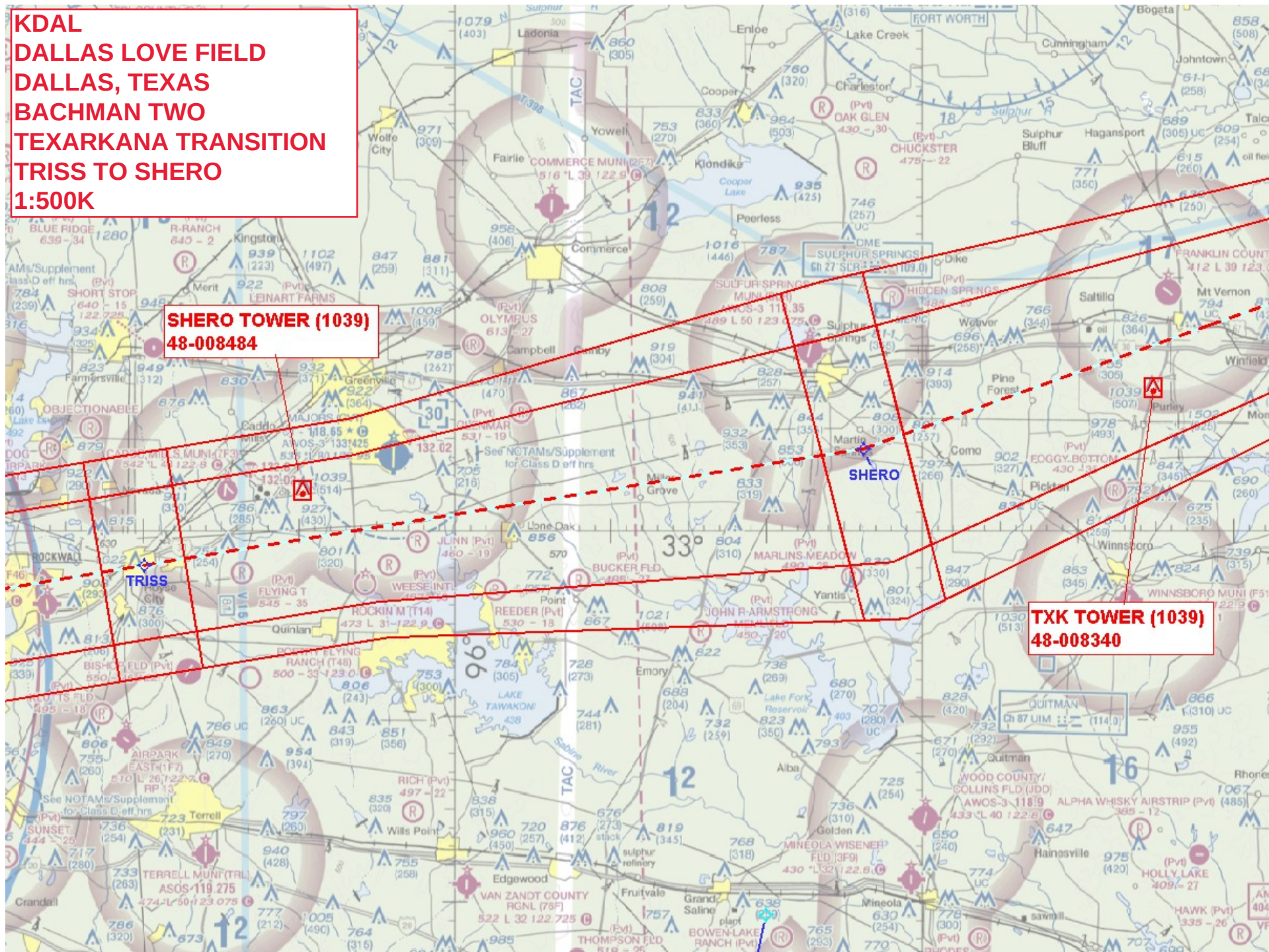
TRISS TOWER (1249)
48-004991

KDAL
DALLAS LOVE FIELD
DALLAS, TEXAS
BACHMAN TWO
TEXARKANA TRANSITION
TTT TO TRISS
1:500K

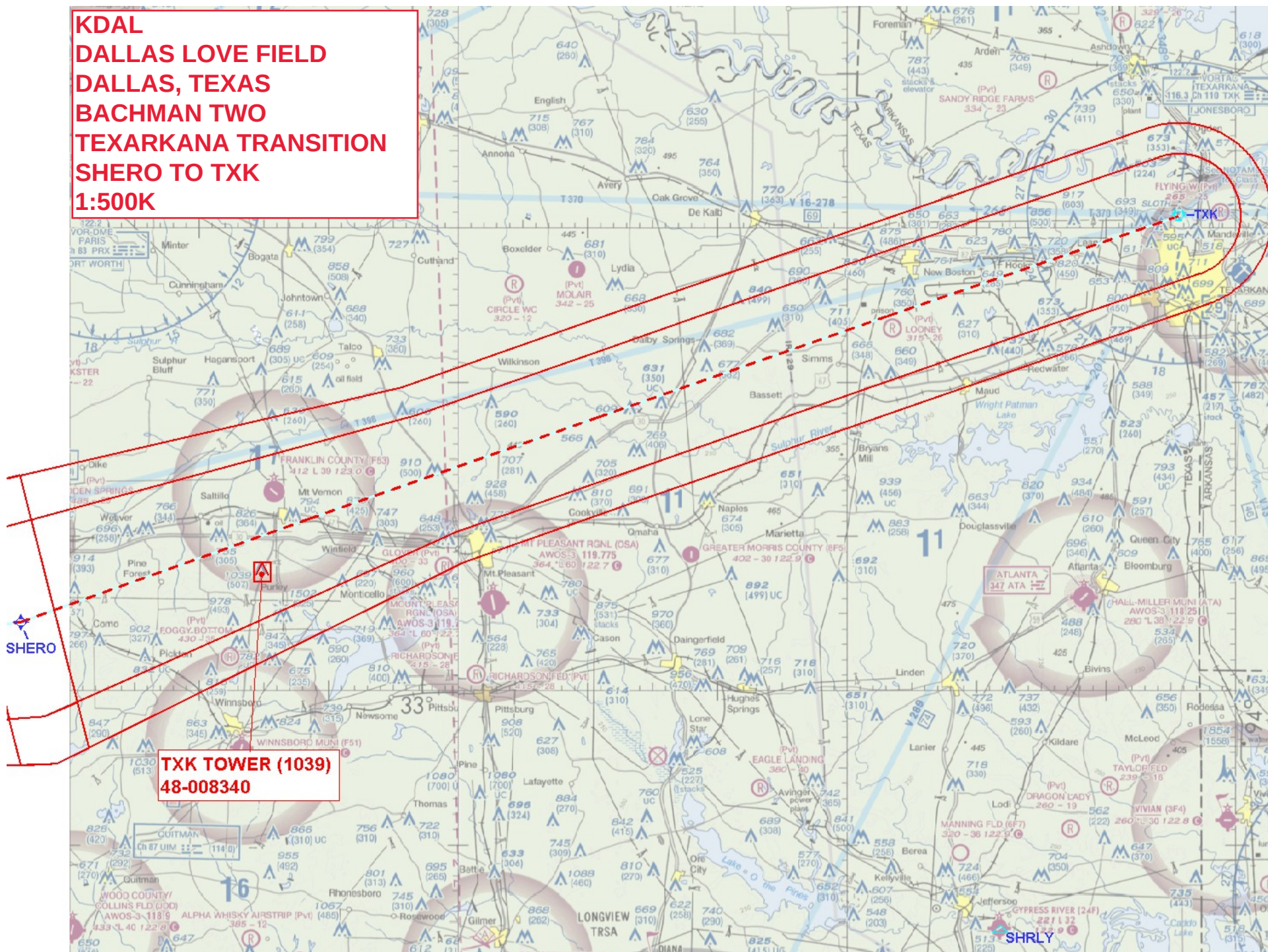
KDAL
DALLAS LOVE FIELD
DALLAS, TEXAS
BACHMAN TWO
TEXARKANA TRANSITION
TRISS TO SHERO
1:500K

SHERO TOWER (1039)
48-008484

TXK TOWER (1039)
48-008340



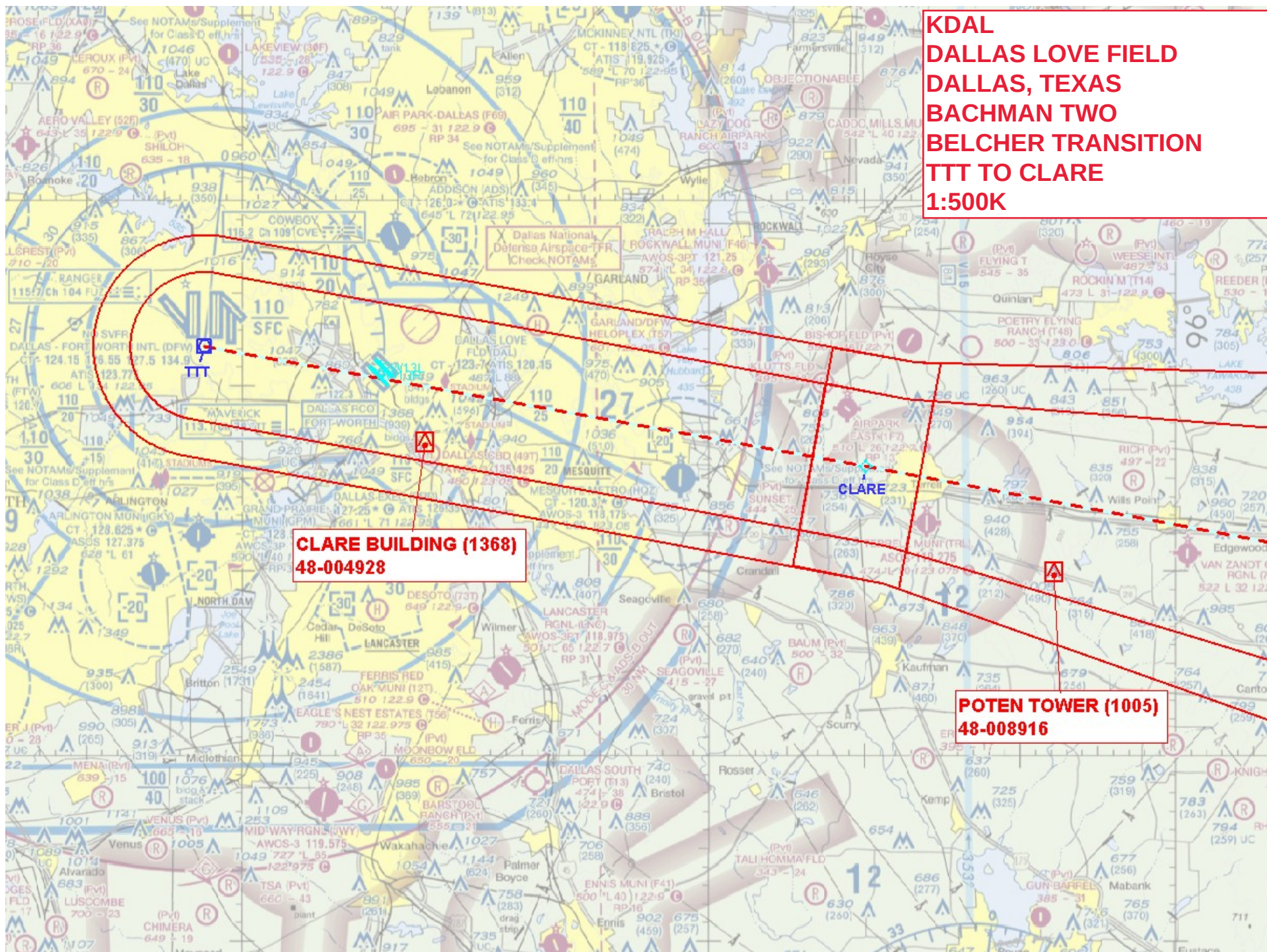
**KDAL
DALLAS LOVE FIELD
DALLAS, TEXAS
BACHMAN TWO
TEXARKANA TRANSITION
SHERO TO TXK
1:500K**



KDAL
DALLAS LOVE FIELD
DALLAS, TEXAS
BACHMAN TWO
BELCHER TRANSITION
TTT TO CLARE
1:500K

CLARE BUILDING (1368)
48-004928

POTEN TOWER (1005)
48-008916



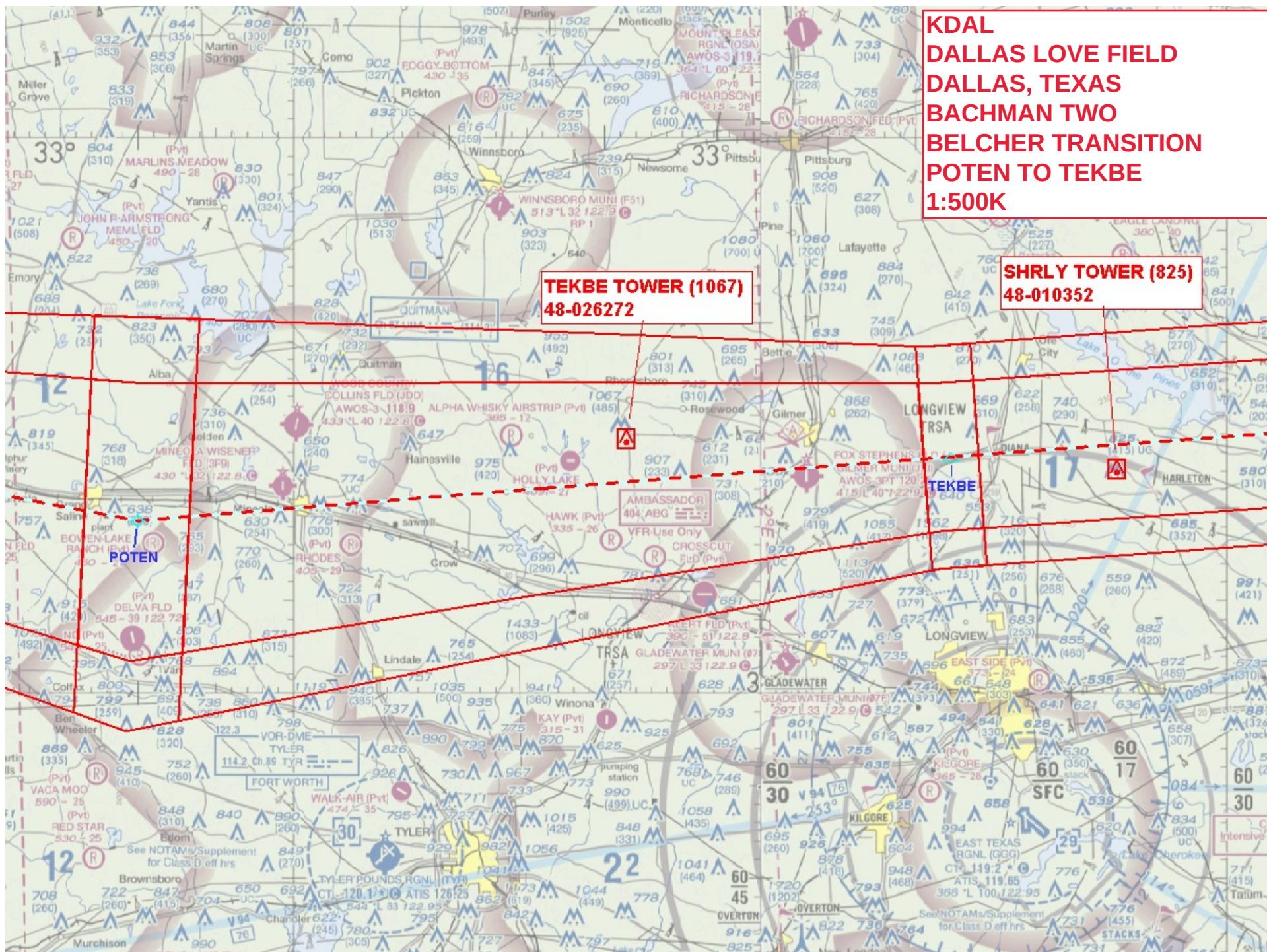
TEKBE TOWER (1067)
48-026272

CEDAR CREEK
1-14.8 Cn 95 CQY. 

KDAL
DALLAS LOVE FIELD
DALLAS, TEXAS
BACHMAN TWO
BELCHER TRANSITION
POTEN TO TEKBE
1:500K

TEKBE TOWER (1067)
48-026272

SHRLY TOWER (825)
48-010352



KDAL
DALLAS LOVE FIELD
DALLAS, TEXAS
BACHMAN TWO
BELCHER TRANSITION
TEKBE TO SHRLY TO EIC
1:500K

SHRLY TOWER (825)
48-010352

EIC TOWER (2075)
22-000160

CAUTION
Intensive Student Training
123.5

CTC SHREVEPORT APP. WITHIN
20 NM ON 119.9, 335.55

SEE TWR FREQ. TAB.

1. FLIGHT PROCEDURE IDENTIFICATION:

Dallas, TX
KDAL
BACHMAN Departure

2. WAIVER REQUIRED AND APPLICABLE STANDARD:

1. To permit establishing a non-obstacle based climb gradient (CG) for Air Traffic Control (ATC). FAA Order 8260.46J Paragraph 2-1-1.e(3)(a) - Establish a single CG exceeding 200 ft/NM whenever required for obstruction clearance and include the altitude to which the gradient is required in the takeoff minimums note.
2. To permit charting an ATC CG. FAA Order 8260.46J Paragraph 2-1-1.e(3)(c) - Do not chart CG's that may be needed to support airspace, navigation solution, environmental, or ATC operations limitations.

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

Runway 13R Departure Climb: The ATC Climb Gradient (CG) of 482 FT/NM to 1700 ft MSL is to expedite aircraft climbs in order to turn to the southeast to intercept the Cowboy (CVE) VOR/DME radial 139 for traffic flow. This CG and turn have been used for years without issues.

4. EQUIVALENT LEVEL OF SAFETY PROVIDED:

1. The procedure has the following note: DO NOT FILE - TO BE ASSIGNED BY ATC NORMALLY BETWEEN 2100-0600 LCL TIME.
2. This procedure has the following Equipment Requirement Note: "DME and RADAR REQUIRED".
3. The procedure will have an advisory instruction added to the departure route description stating: "ALL aircraft: ATC climb gradient: If unable to accept climb rate advise ATC prior to taxi. Rwy 13R: ATC climb of 482 FT/NM to 1700."

5. ALTERNATIVE ACTIONS DEEMED NOT FEASIBLE:

Due to current criteria, limited NAVAIDS, the densely populated area surrounding Dallas Love Fld (DAL), and the close proximity of Dallas-Fort Worth Intl (DFW), no other ground based design is possible.

6. COORDINATION WITH USER ORGANIZATIONS (SPECIFY):

DAL Tower, D10, Southwest Region OSG, AFS 420, and AIS

7. SUBMITTED BY:

DATE	OFFICE IDENTIFICATION	TITLE
04/05/24	AJV-A430	MANAGER

SIGNATURE

Digitally signed by
JOSEPH L ZEDER

Aug 26, 2024

8. AFS ACTIONS:

☐ APPROVED ☐ DISAPPROVED ☐ NOT REQUIRED

COMMENTS:

DATE	ROUTING SYMBOL	SIGNATURE
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