


Flight Procedure Tracking Form		Action: FLIGHT CHECK	Task Type: SID	Date Open: 09/10/2018	Task #: 201802172761811T034	Request #: 20180217276181
Procedure: SID TULSA SIX TULSA OK KRVS			Airport ID: KRVS	Airport: RICHARD LLOYD JONES JR		Reimbursable #: NO
City: TULSA	ST: OK	GPS #:	Estimated Chart Date: 06/20/2019		FICO #: 1224185	
Fac ID: N/A		Fac. Type:		Specialist: KWEKU DONKOR		
Procedure Review						
	Rec'd	Rel'd	Full Name	Comments		
Lead:	02/20/2018	04/25/2019	DAVID TEFFETELLER	 Digitally signed by		
QA:	04/25/2019	02/04/2019	KISSY MAXFIELD	SEAN BARBEE		
Liaison:	02/04/2019	02/07/2019	MARY MCDONALD	Apr 25, 2019		
Procedure Comments: ENROUTE Remark Type: INFORMATION CANCELS FDC 8/2263. NEW SURVEYED OBSTACLES. NETTING POLES 771'MSL/150' AGL - CONTACT DON SMITH, 405-954-8222. CONTACT: PATRICK MULQUEEN 405-954-4073/DAVID TEFFETELLER 202-267-5177. 04/24/2019: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 02/26/2019. 1. ADDITIONAL FLIGHT DATA: CHANGED "HOLDING PATTERN AT TUL VORTAC, HOLD E, RT, 80.00 INBOUND" TO "HOLDING PATTERN AT TUL VORTAC, HOLD E, RT, 260.00 INBOUND". 2. ADDITIONAL FLIGHT DATA: CHART: TOP ALTITUDE: AS ASSIGNED BY ATC. 3. COMMUNICATIONS: ADDED TULSA INTL TOWER.						

ATIS 126.5
RIVERSIDE TOWER ★
120.3 (CTAF)
CLNC DEL 124.5
TULSA DEP CON
119.85 (Rwys 13, 19L, 19R)
134.7 (Rwys 1L, 1R, 31)

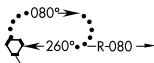
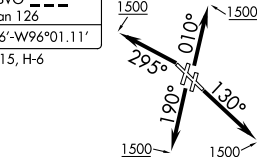
CHANUTE
109.2 CNU
Chan 29
N37°37.57'-W95°35.61'
L-10-15, H-5

FARMINGTON
115.7 FAM
Chan 104
N37°40.41'-W90°14.04'
L-16, H-5

BARTLESVILLE
117.9 BVO
Chan 126
N36°50.06'-W96°01.11'
L-15, H-6

NEOSHO
117.3 EOS
Chan 120
N36°50.55'-W94°26.14'
L-16, H-6

SPRINGFIELD
116.9 SGF
Chan 116
N37°21.36'-W93°20.04'
L-16, H-5



TULSA
114.4 TUL
Chan 91
N36°11.78'-W95°47.29'
L-15, H-6

RAZORBACK
116.4 RZC
Chan 111
N36°14.79'-W94°07.28'
L-16, H-6

KINGFISHER
114.7 IFI
Chan 94
N35°48.32'-W98°00.24'
L-15, H-6

WILL ROGERS
114.1 IRW
Chan 88
N35°21.52'-W97°36.55'
L-15, H-6

ARDMORE
116.7 ADM
Chan 114
N34°12.70'-W97°10.09'
L-17, H-6

McALESTER
112.0 MLC
Chan 57
N34°50.97'-W95°46.94'
L-17, H-6

FORT SMITH
110.4 FSM
Chan 41
N35°23.31'-W94°16.29'
L-16, H-6

MAVERICK
113.1 TTT
Chan 78
N32°52.15'-W97°02.43'
L-17, H-6

TAKEOFF MINIMUMS

Rwy 1 L/R, 19L/R: Standard.
Rwy 13: 300-1½ or standard with minimum climb of 330' per NM to 1000.
Rwy 31: 400-2½ or 300-1 with minimum climb of 315' per NM to 1100, or standard with minimum climb of 610' per NM to 900.

TOP ALTITUDE: ASSIGNED BY ATC.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 1L, 1R: Climb heading 010° to 1500, then...

TAKEOFF RWY 13: Climb heading 130° to 1500, then...

TAKEOFF RWY 19L, 19R: Climb heading 190° to 1500, then...

TAKEOFF RWY 31: Climb heading 295° to 1500, then...

... Continue on assigned heading for RADAR vectors to assigned route.

Maintain 15000' or assigned lower altitude. Expect further clearance to filed altitude 10 mins after departure.

LOST COMMUNICATIONS: Proceed to and hold east of TUL VORTAC on the 080 radial. Climb to 15000' or lower requested altitude, then proceed on course via filed route. Climb to requested altitude when established on course.

OLD

(TUL5.TUL) 17117

TULSA FIVE DEPARTURE

JLSA/ RICHARD LLOYD JONES JR. (RVS)
AL-5427 (FAA) TULSA, OKLAHOMA

ATIS 126.5
RIVERSIDE TOWER ★
120.3 (CTAF)
CLNC DEL 124.5
TULSA DEP CON
119.85 (RWYS 13, 19L, 19R)
134.7 (RWYS 1L, 1R, 31)

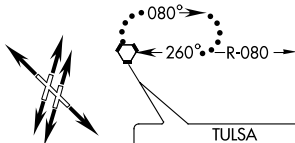
CHANUTE
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Chan 29
N37°37.57'-W95°35.61'
L-10-15, H-5

FARMINGTON
115.7 FAM
Chan 104
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McALESTER
112.0 MLC
Chan 57
N34°50.97'-W95°46.94'
L-17, H-6

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

Fly runway heading, expect vector to assigned route. Maintain 15,000 feet or assigned lower altitude; expect further clearance to filed altitude ten minutes after departure.

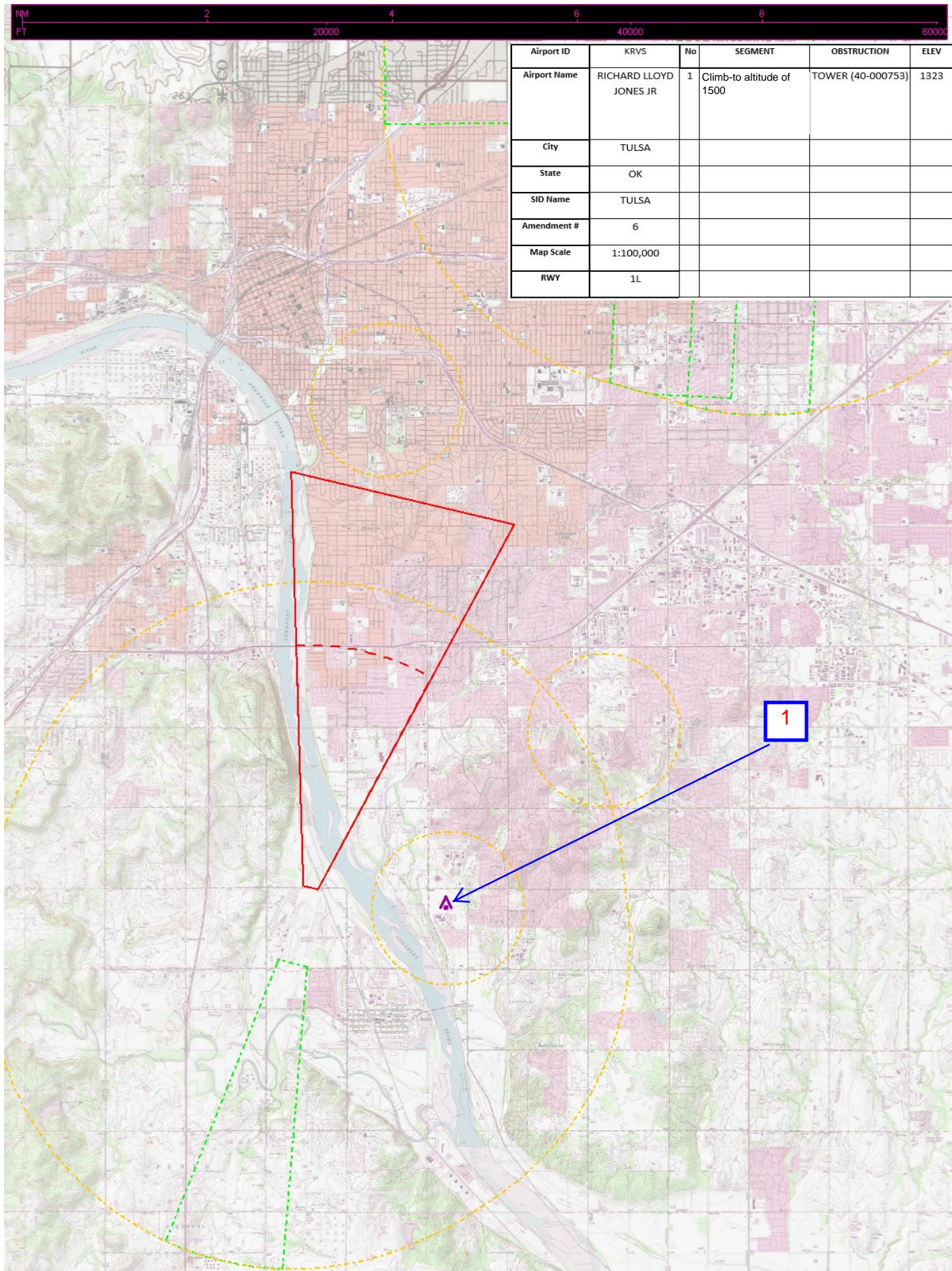
LOST COMMUNICATIONS: Proceed to and hold East of TUL VORTAC on the 080 radial. Climb to 15,000 or lower requested altitude, then proceed on course via filed route. Climb to requested altitude when established on course.

TULSA FIVE DEPARTURE
(TUL5.TUL) 08OCT98

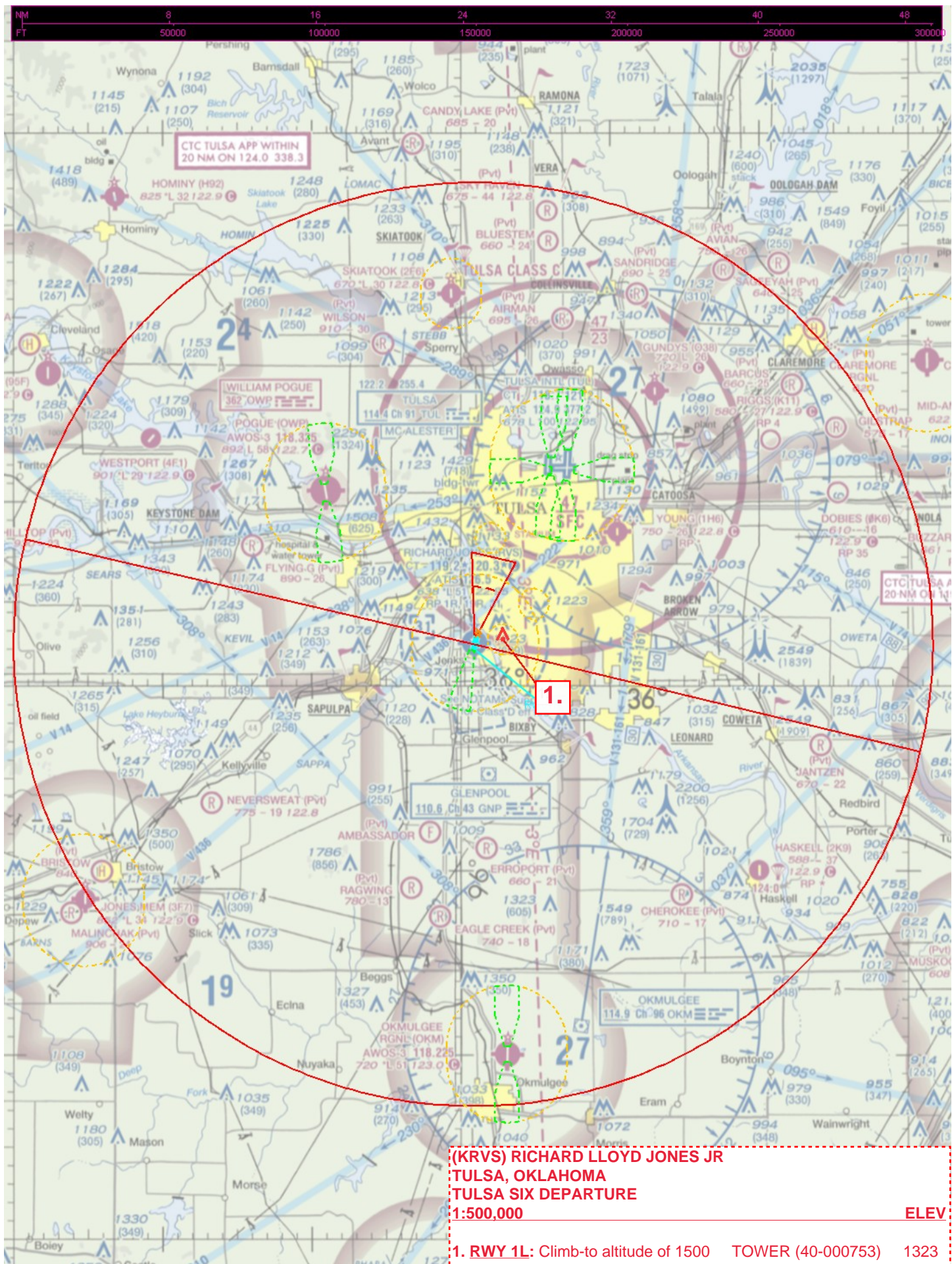
TULSA, OKLAHOMA
TULSA/RICHARD LLOYD JONES JR. (RVS)

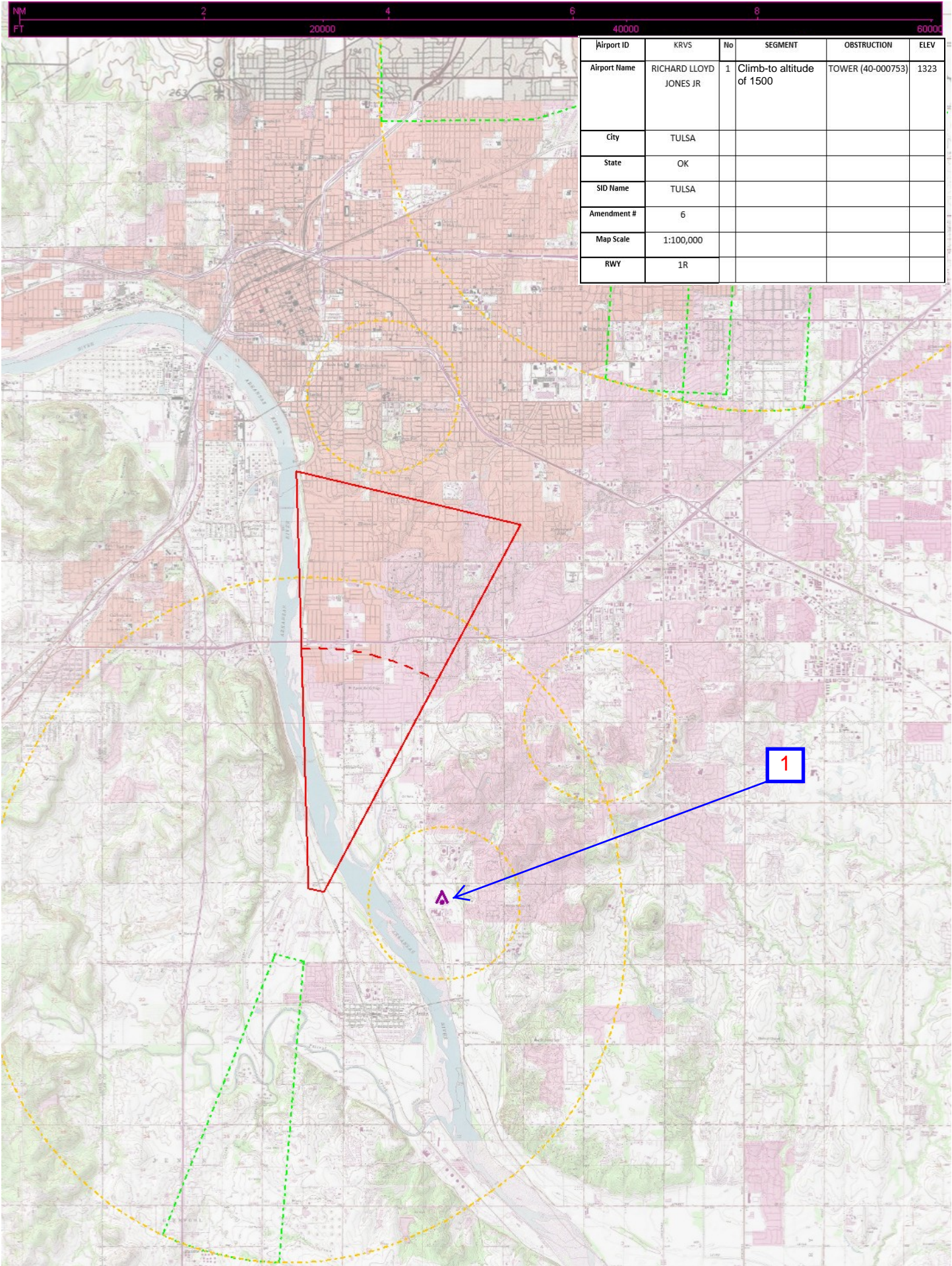
SC-1, 19 JUL 2018 to 16 AUG 2018

SC-1, 19 JUL 2018 to 16 AUG 2018

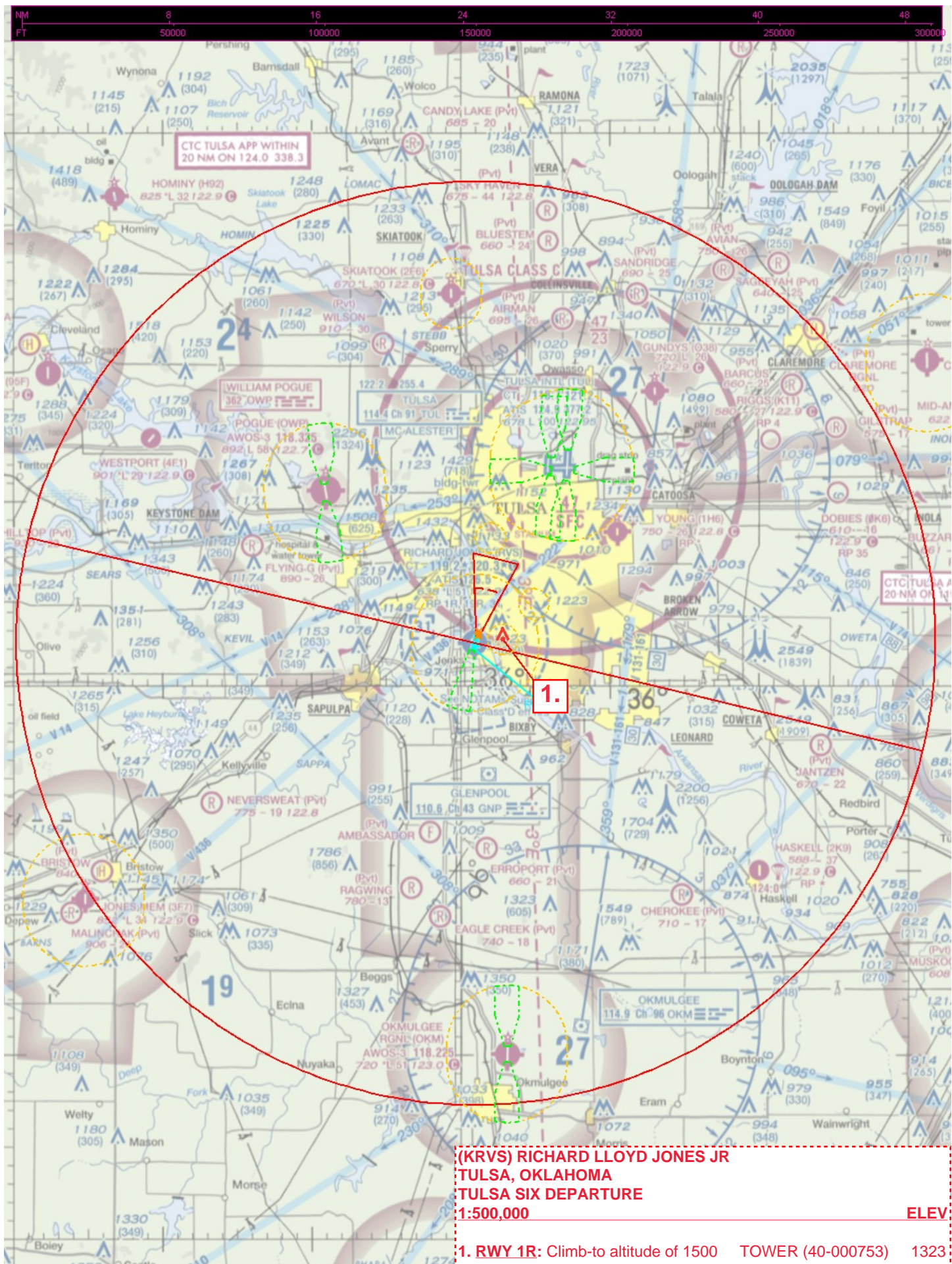


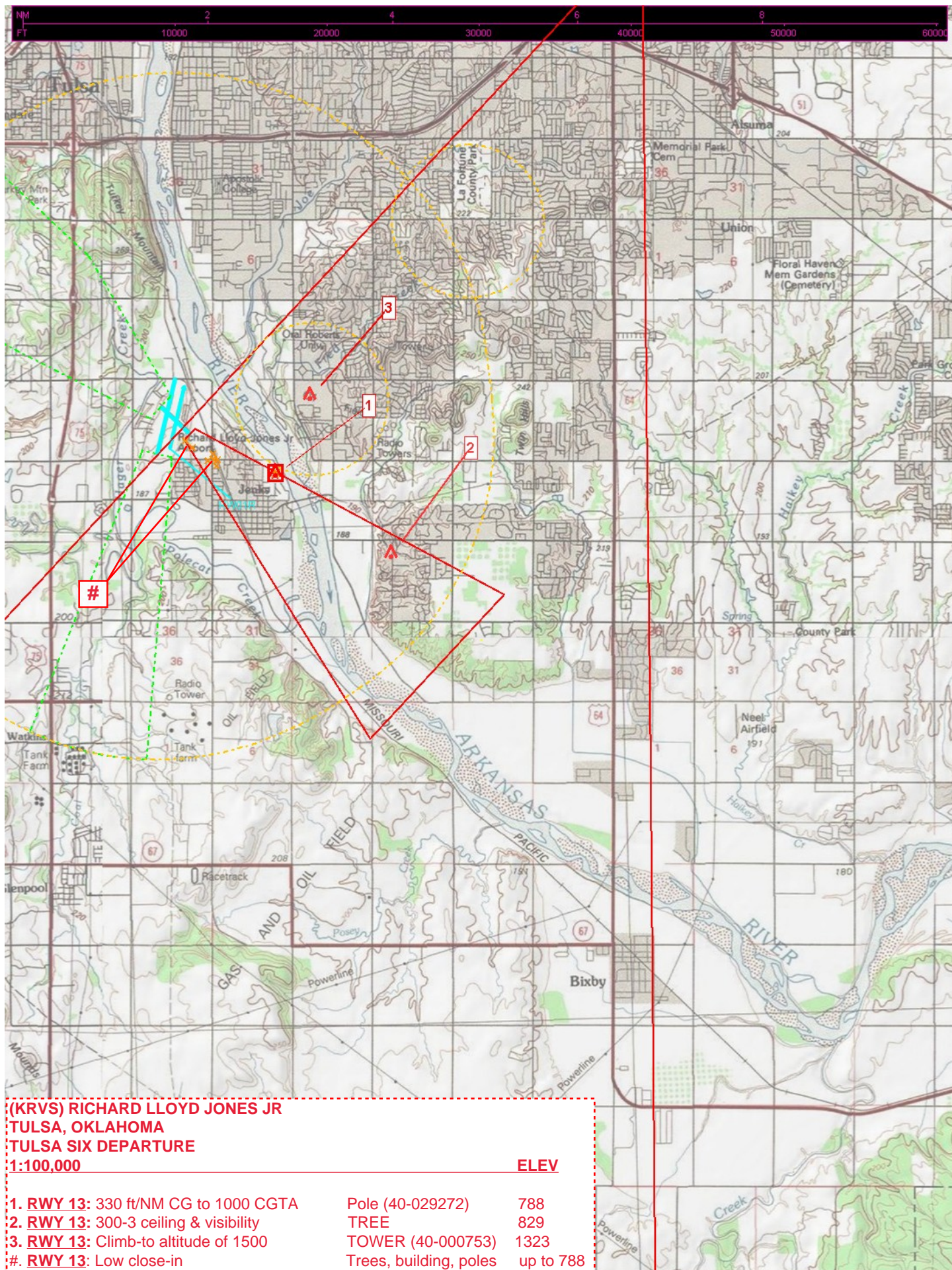
Airport ID	KRVS	No	SEGMENT	OBSTRUCTION	ELEV
Airport Name	RICHARD LLOYD JONES JR	1	Climb-to altitude of 1500	TOWER (40-000753)	1323
City	TULSA				
State	OK				
SID Name	TULSA				
Amendment #	6				
Map Scale	1:100,000				
RWY	1L				





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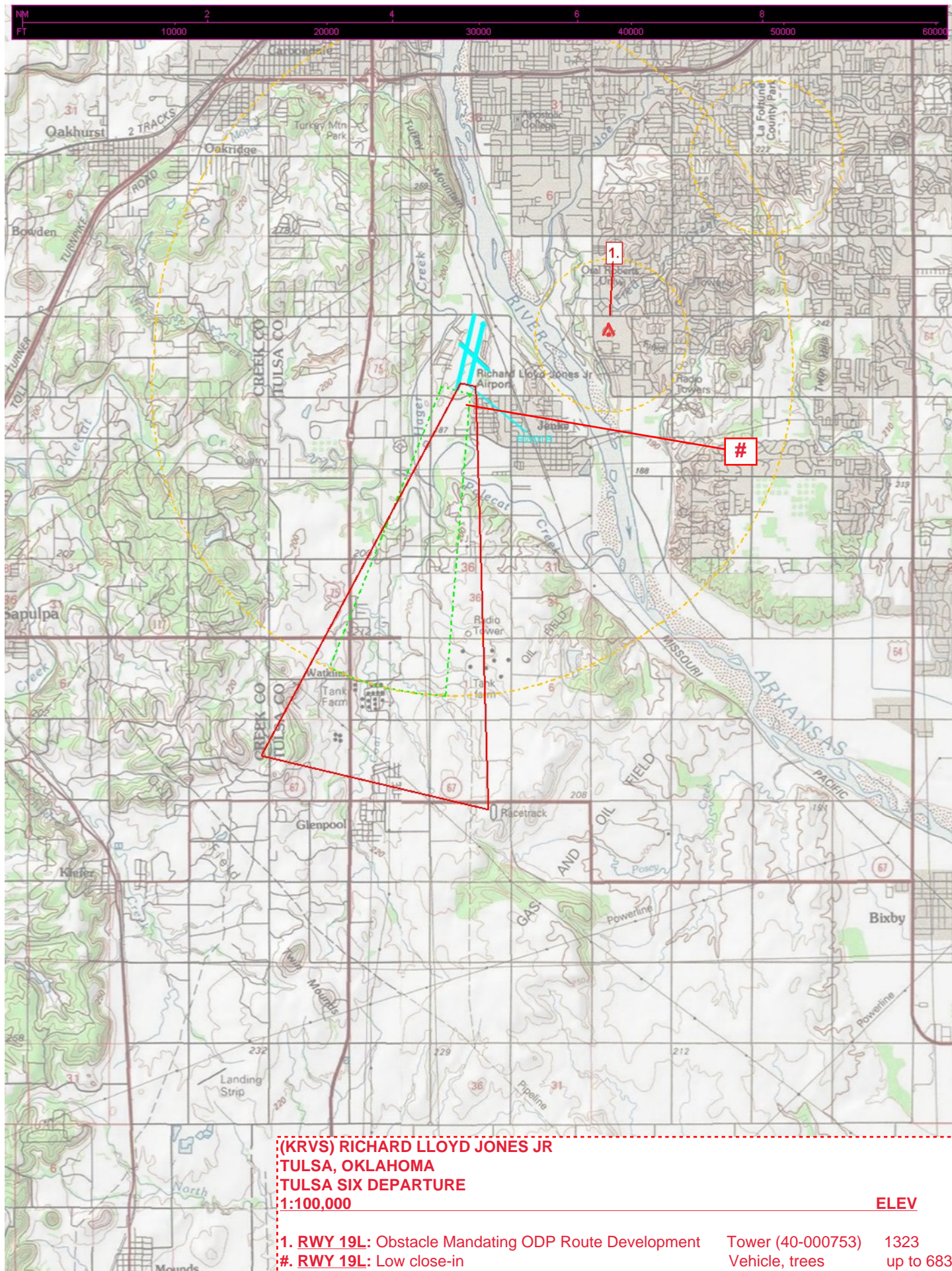


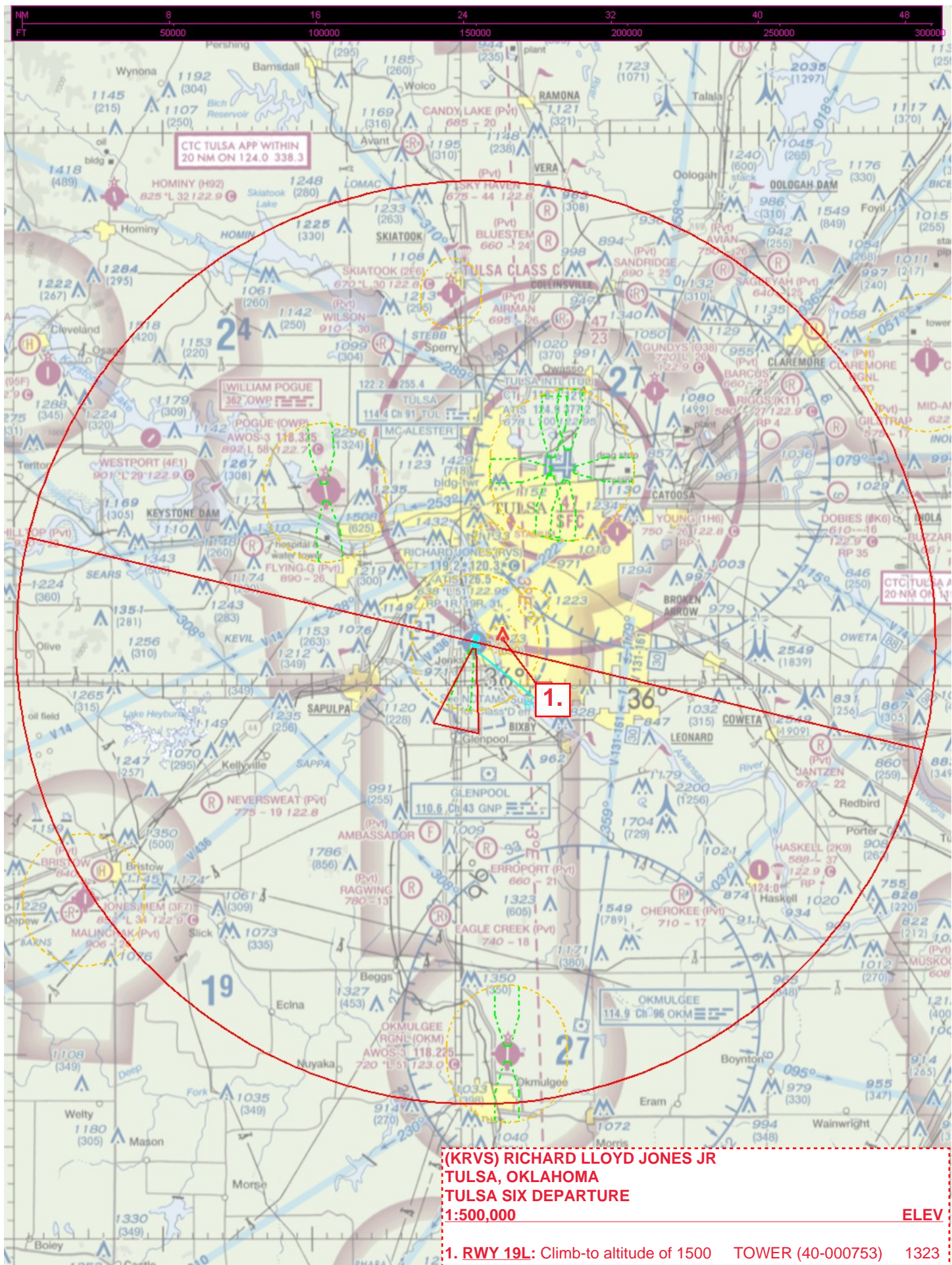


1. **RWY 13:** 330 ft/NM CG to 1000 CGTA
2. **RWY 13:** 300-3 ceiling & visibility
3. **RWY 13:** Climb-to altitude of 1500

Pole (40-029272)	788
TREE	829
TOWER (40-000753)	1323







NM
FT 10000 2

(KRV5) RICHARD LLOYD JONES JR

TULSA, OKLAHOMA

TULSA SIX DEPARTURE

1:100,000

ELEV

1. RWY 19R: Obstacle Mandating ODP Route Development

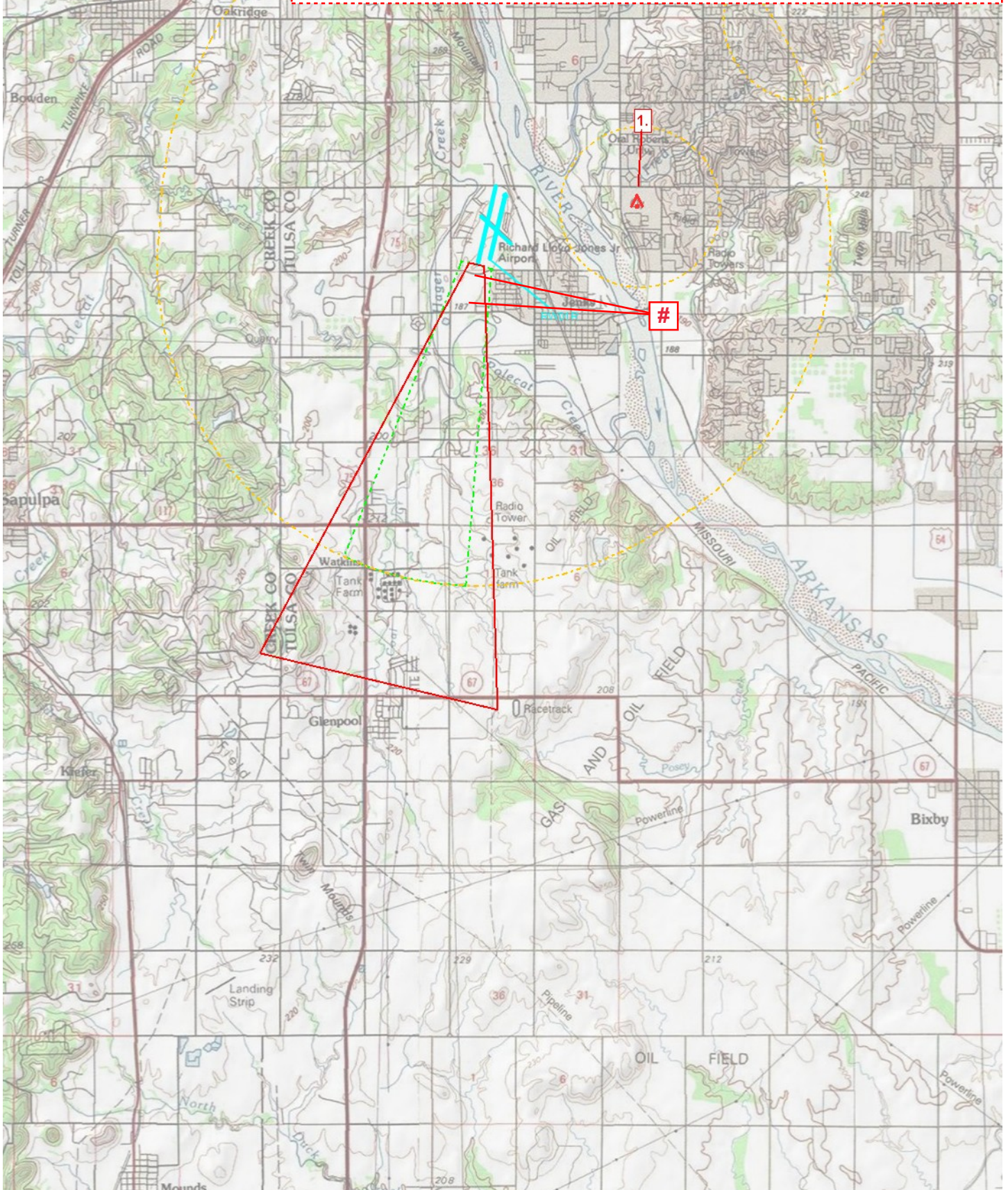
Tower (40-000753)

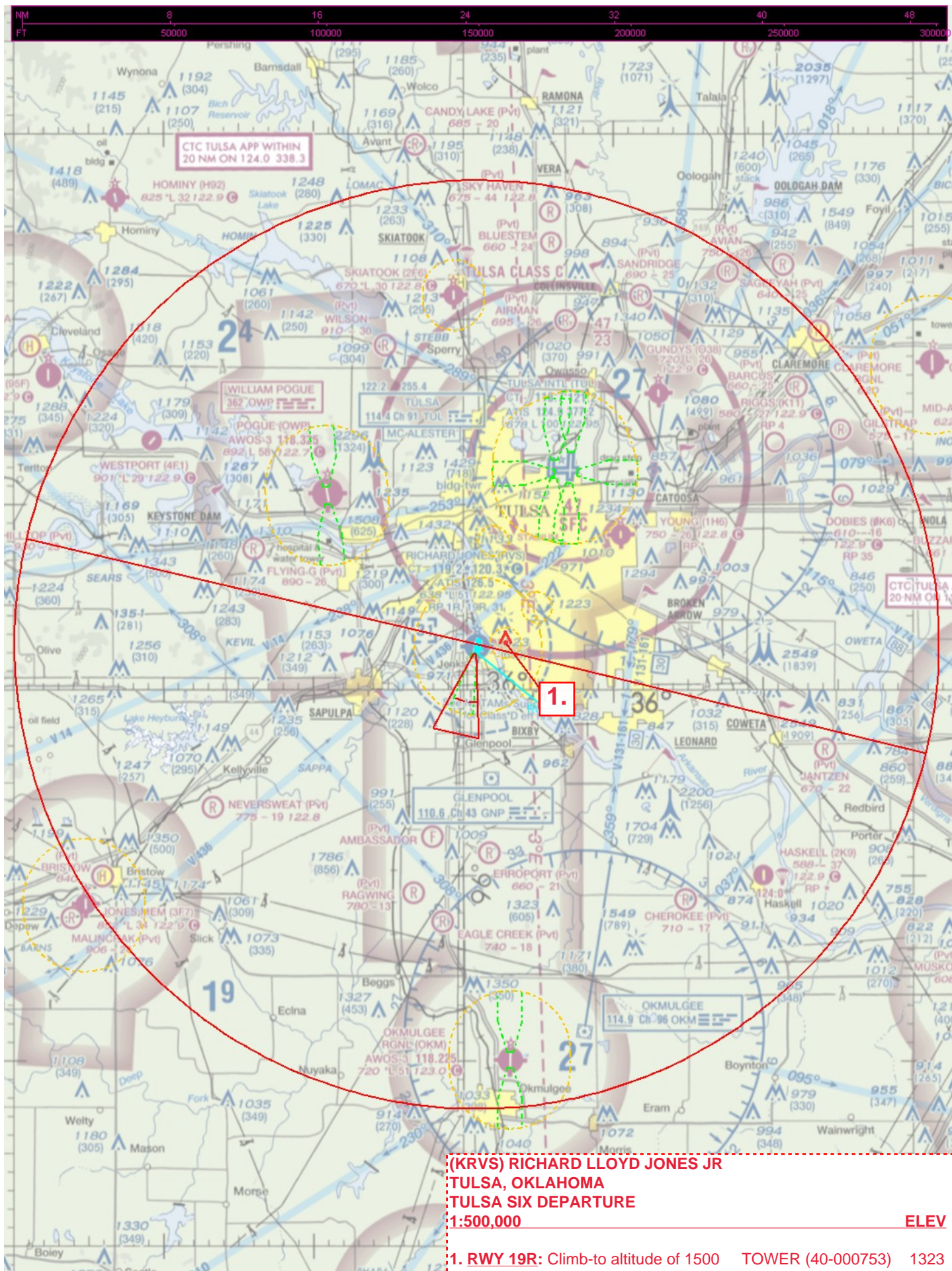
1323

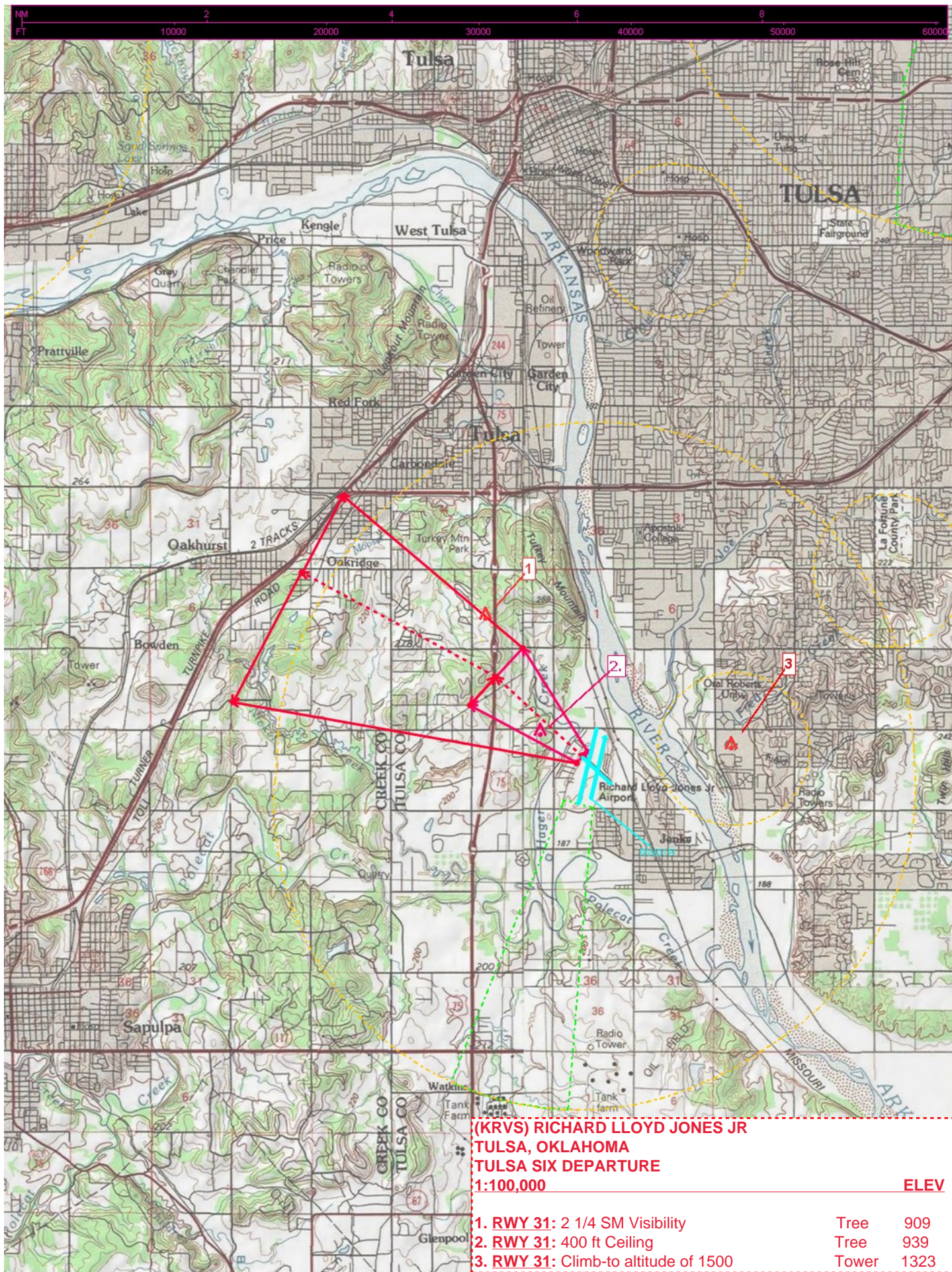
#. RWY 19R: Low close-in

Vehicle, tree

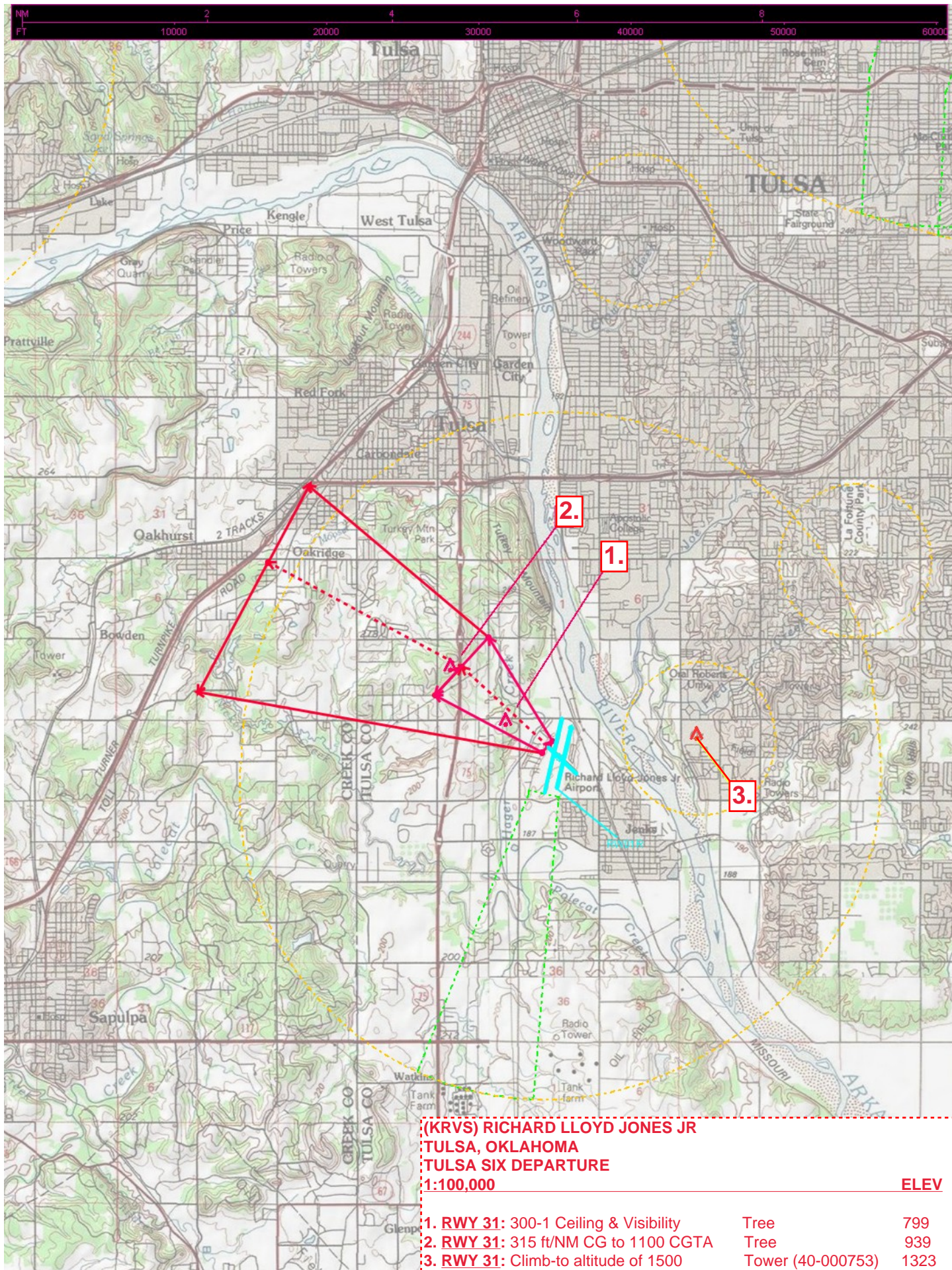
up to 685

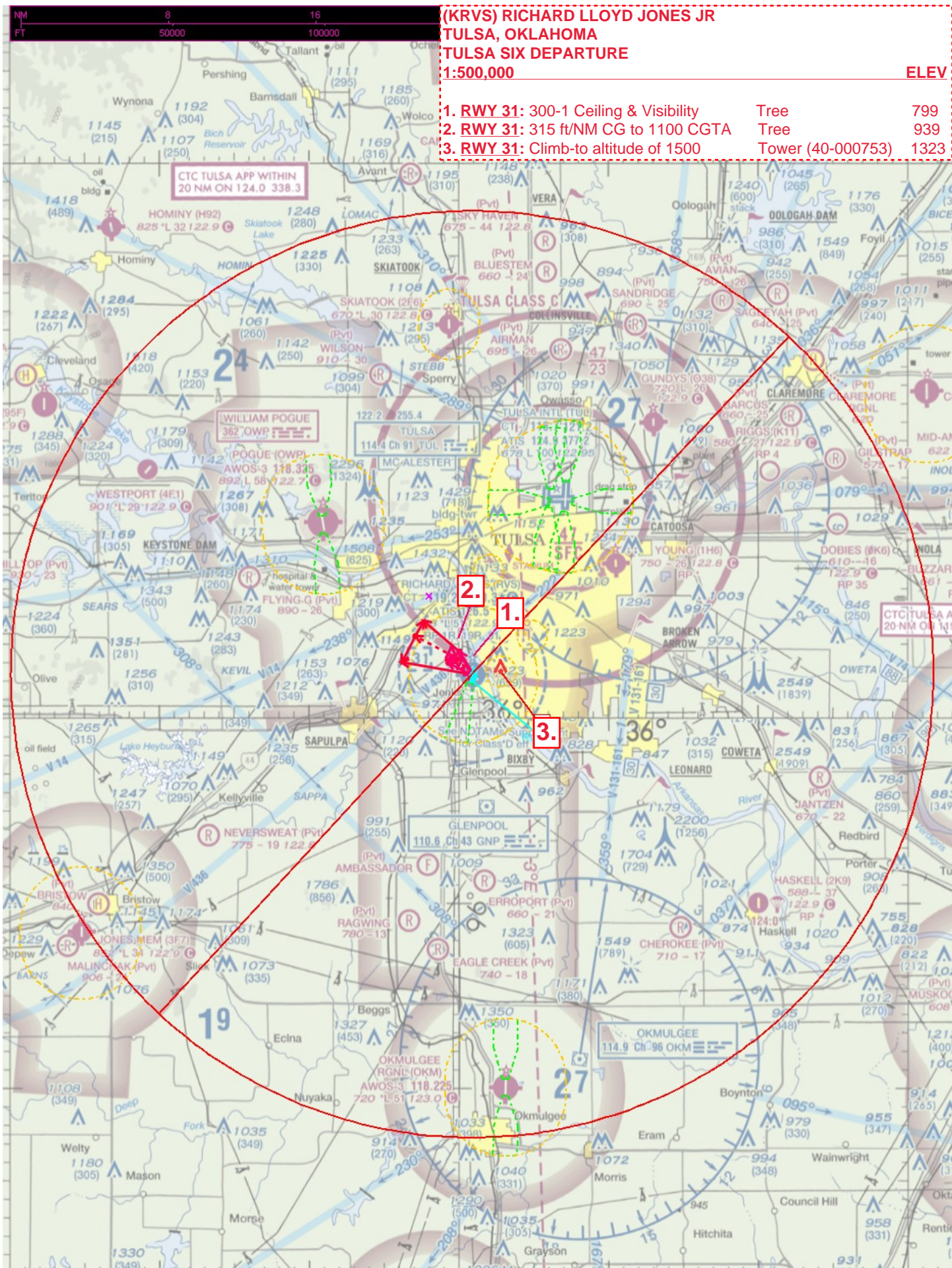


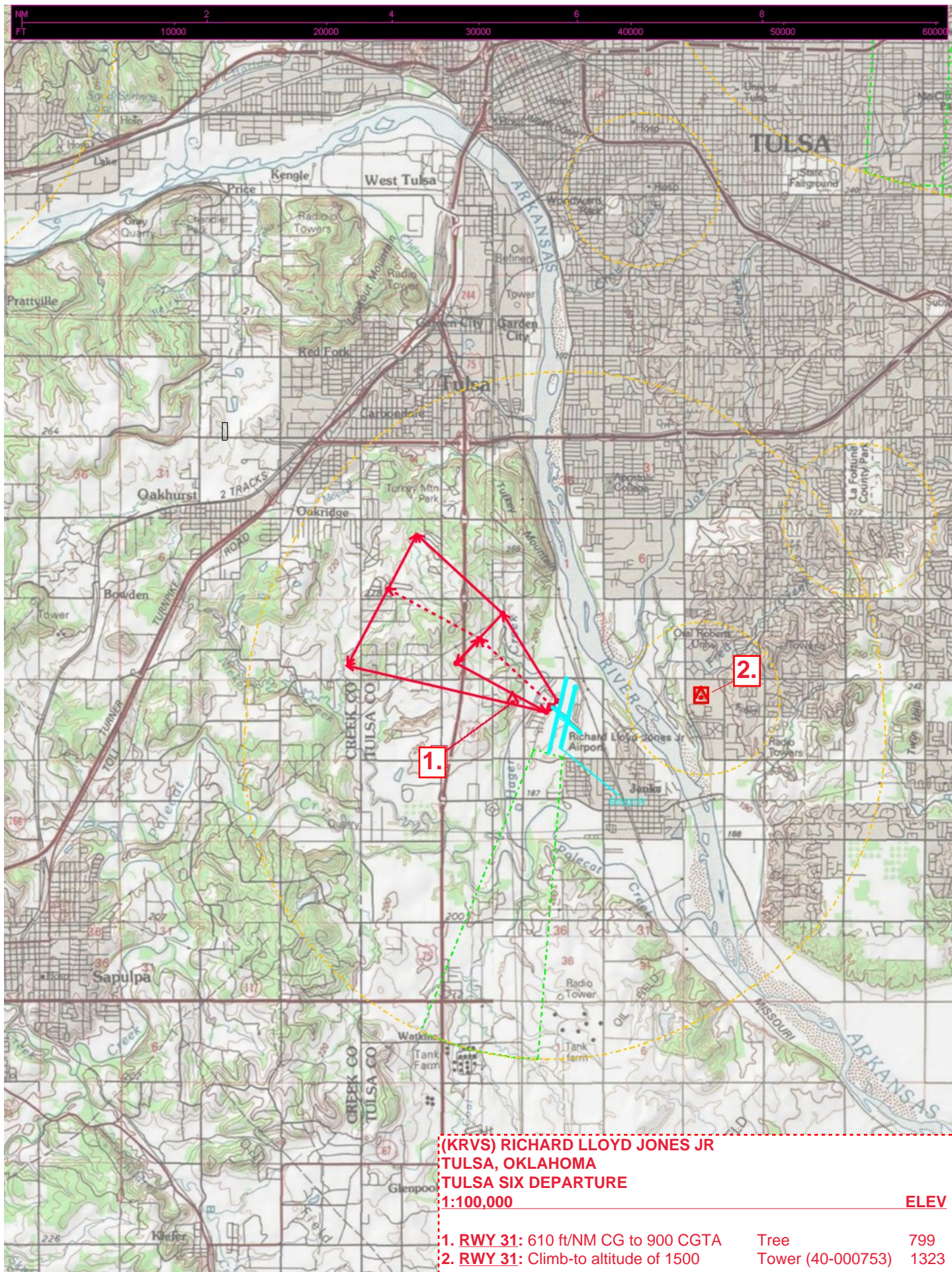












NM 8 16
FT 50000 100000

(KRVS) RICHARD LLOYD JONES JR

TULSA, OKLAHOMA

TULSA SIX DEPARTURE

1:500,000

ELEV

1. RWY 31: 610 ft/NM CG to 900 CGTA

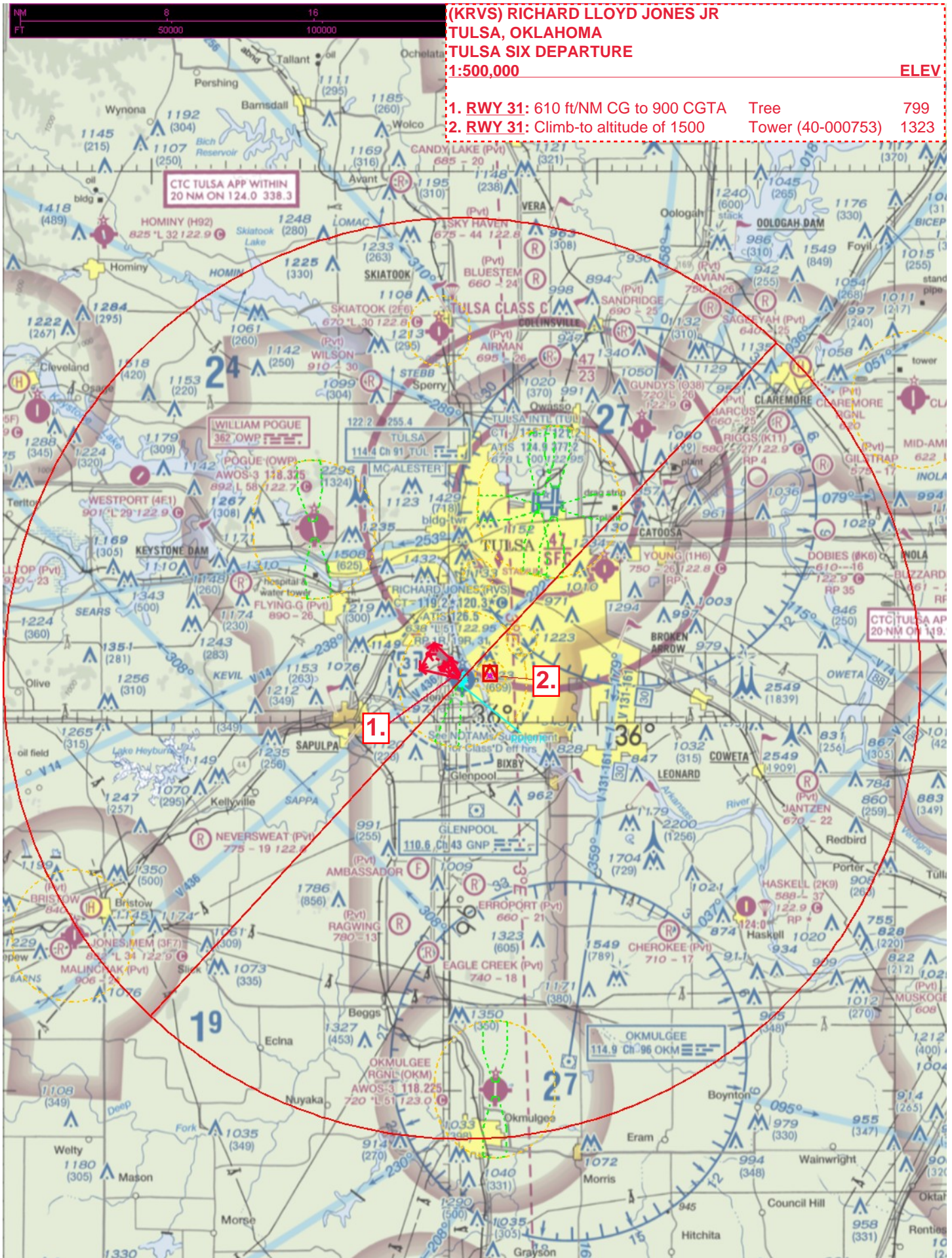
Tree

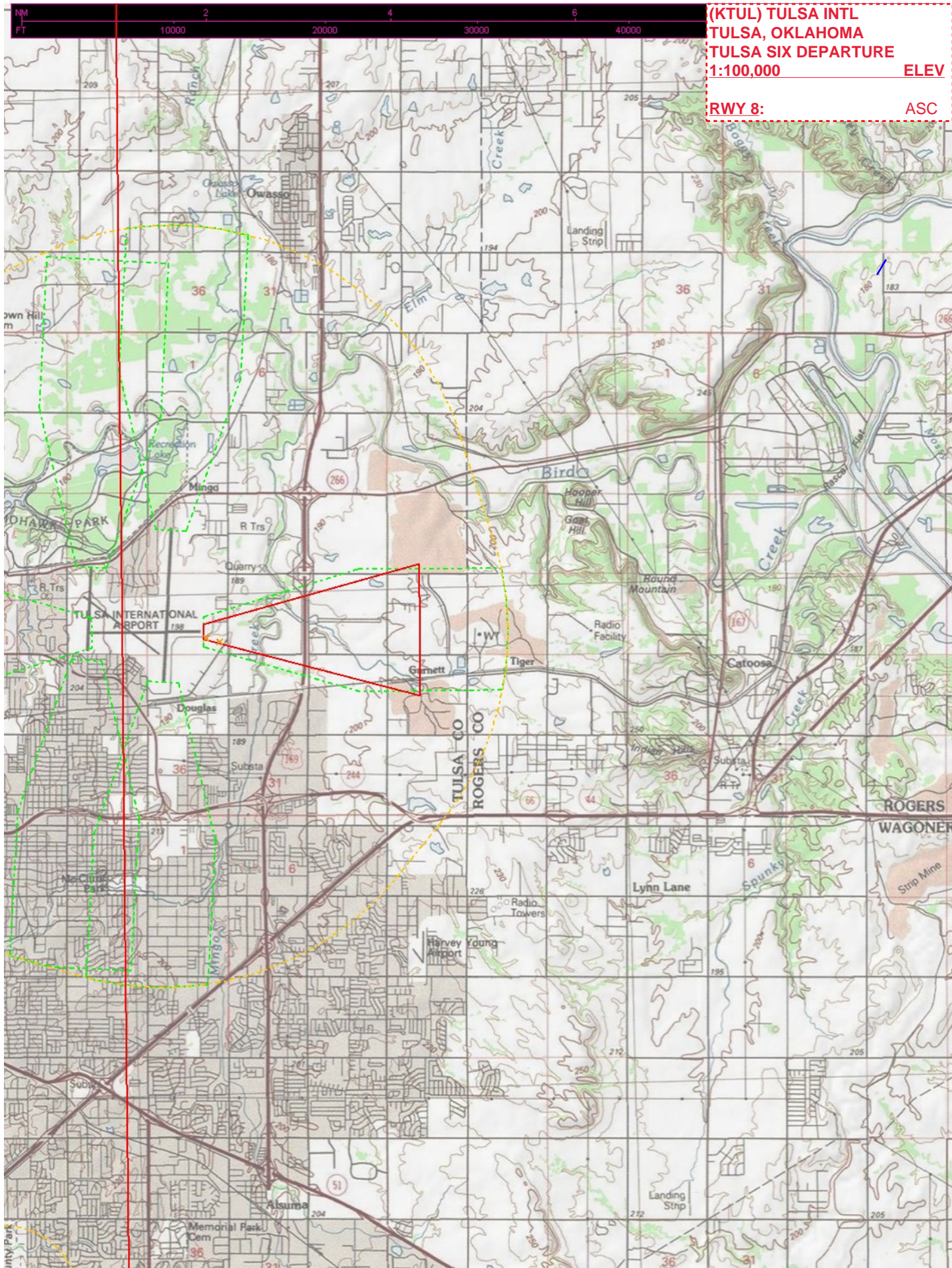
799

2. RWY 31: Climb-to altitude of 1500

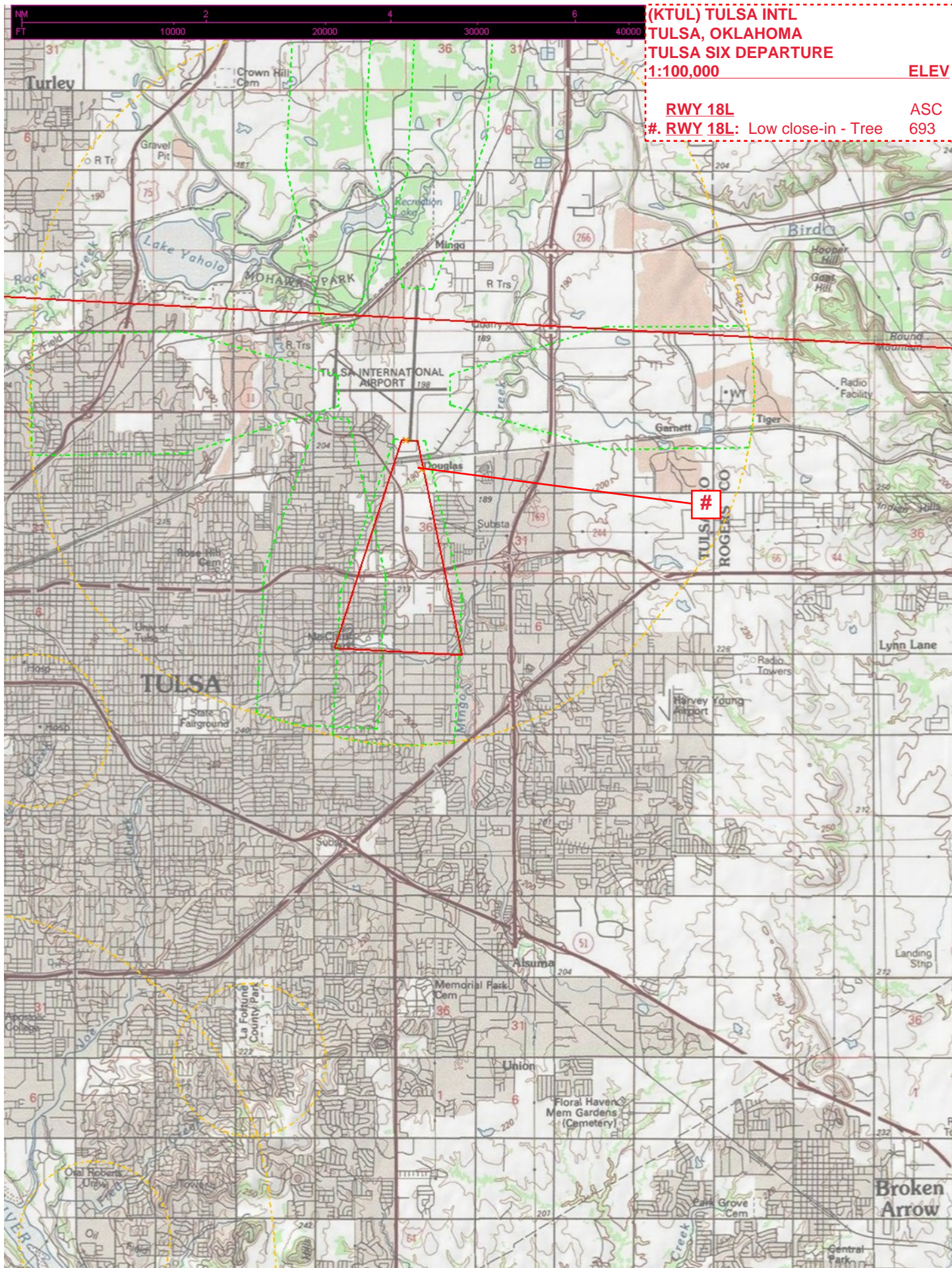
Tower (40-000753)

1323

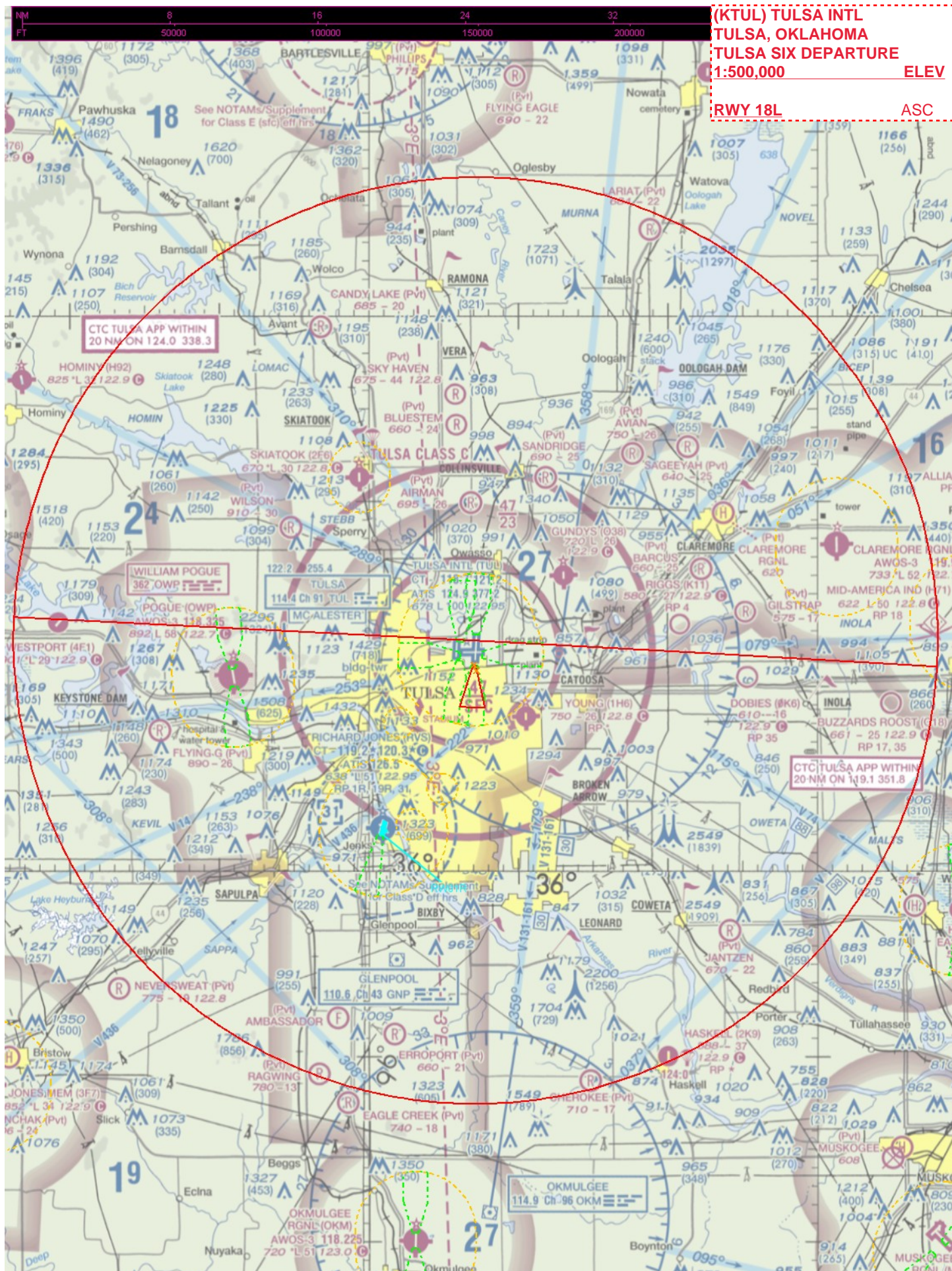


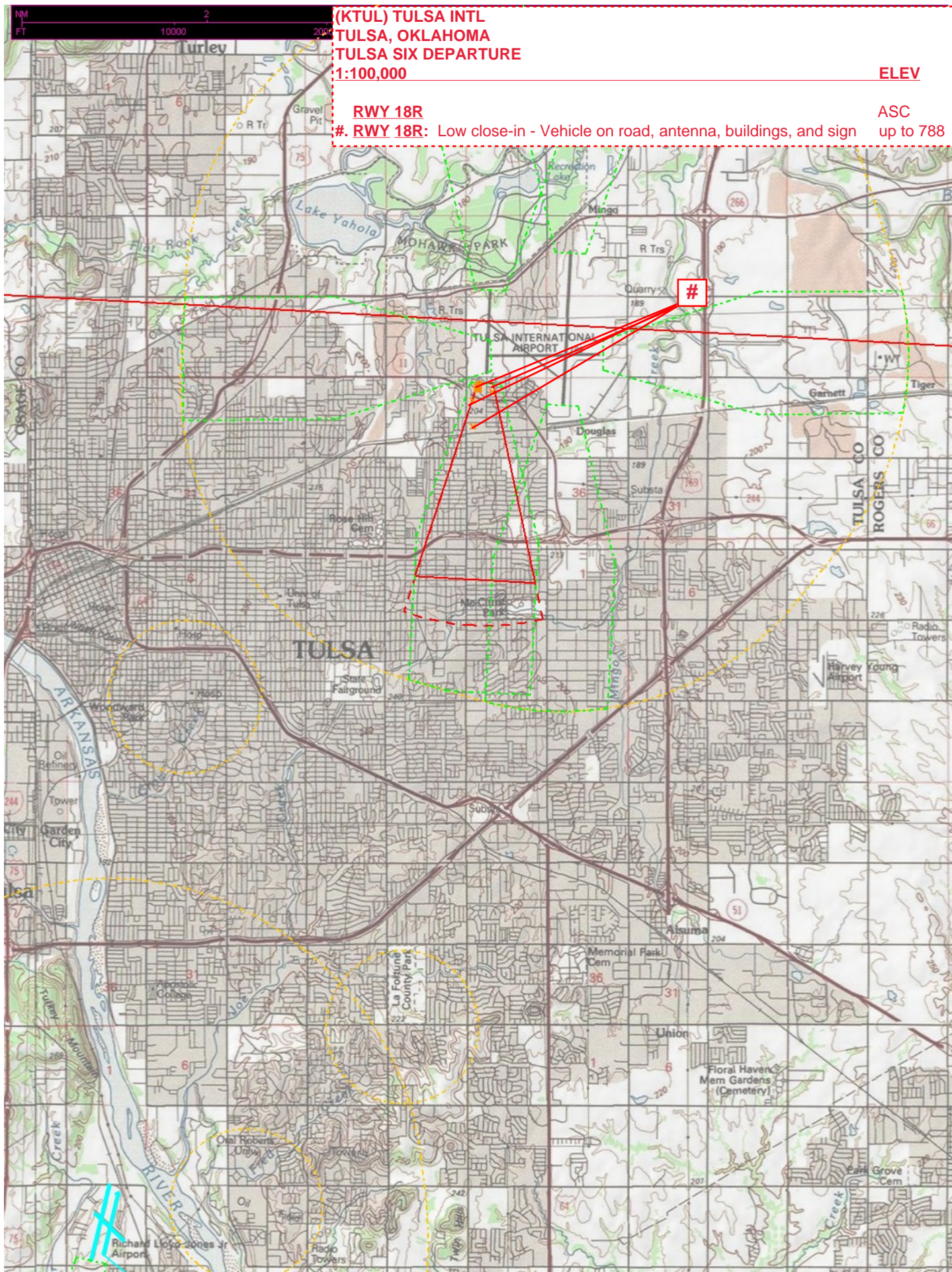


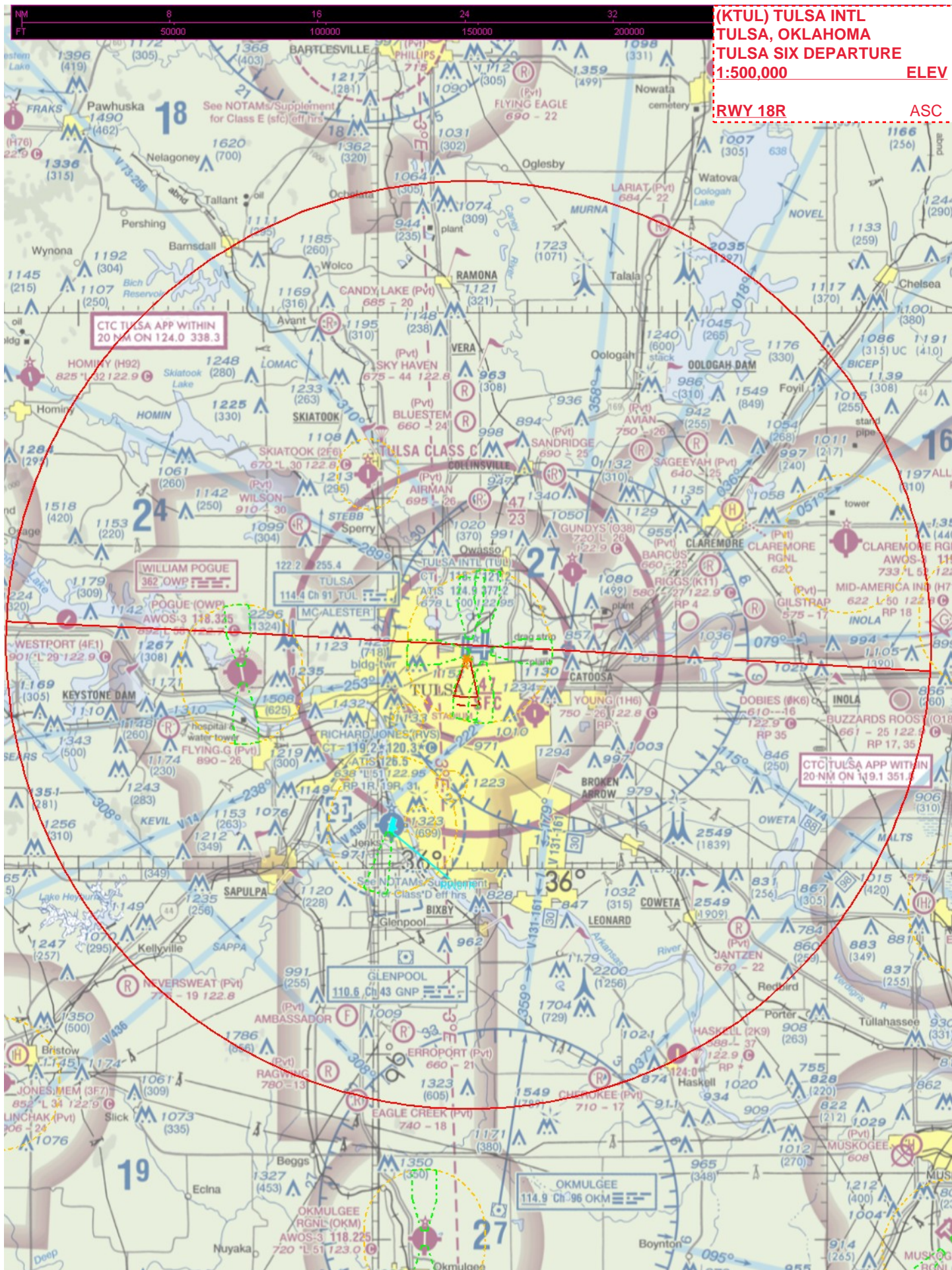




(KTUL) TULSA INTL
TULSA, OKLAHOMA
TULSA SIX DEPARTURE
1:100,000
ELEV: 693
RWY 18L
#. RWY 18L: Low close-in - Tree
ASC









(KTUL) TULSA INTL
TULSA, OKLAHOMA
TULSA SIX DEPARTURE
1:100,000

ELEV

RWY 26: 225 FT/NM CG TO 2900

Antenna

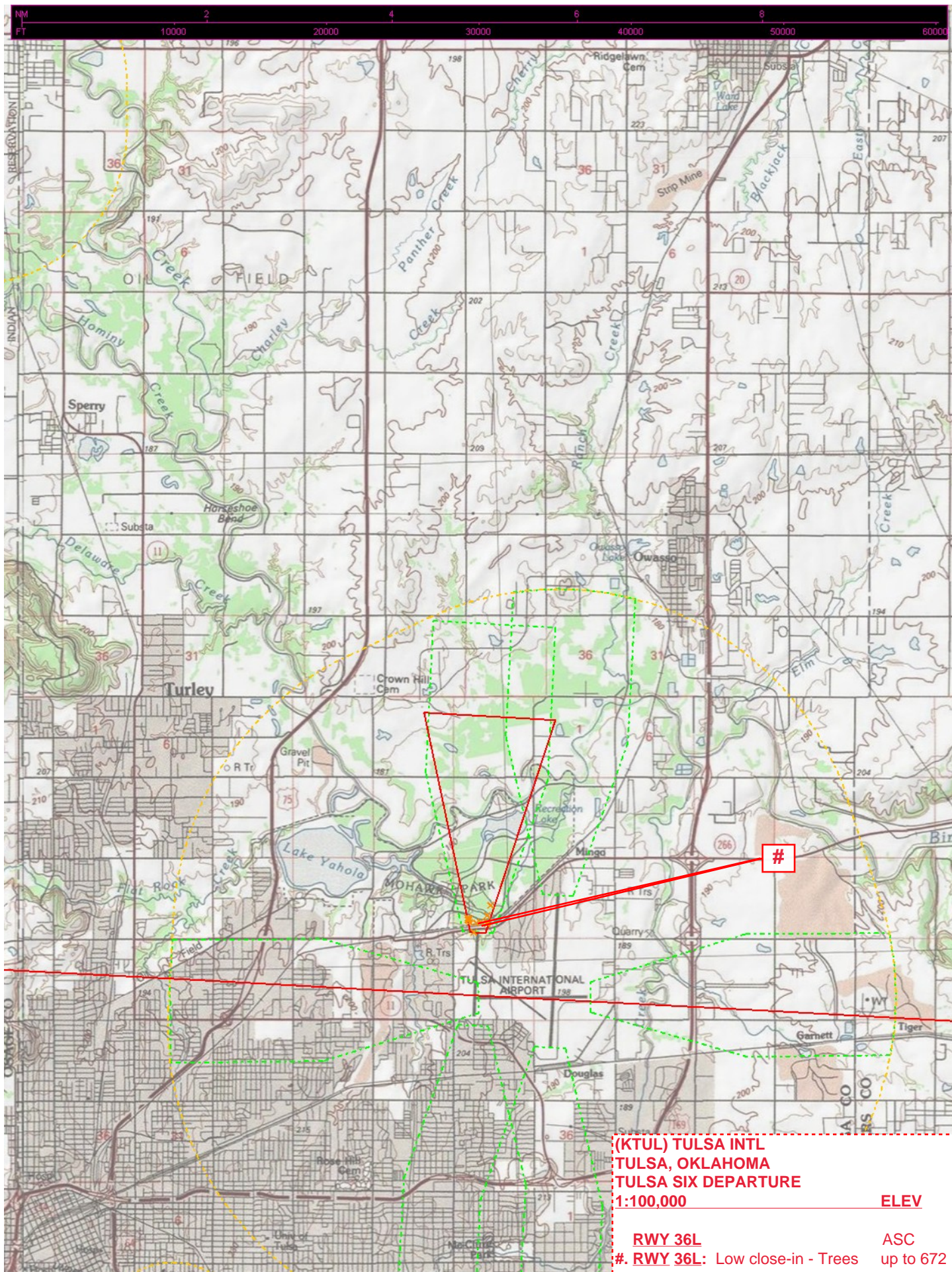
2303

RWY 26: Low close-in

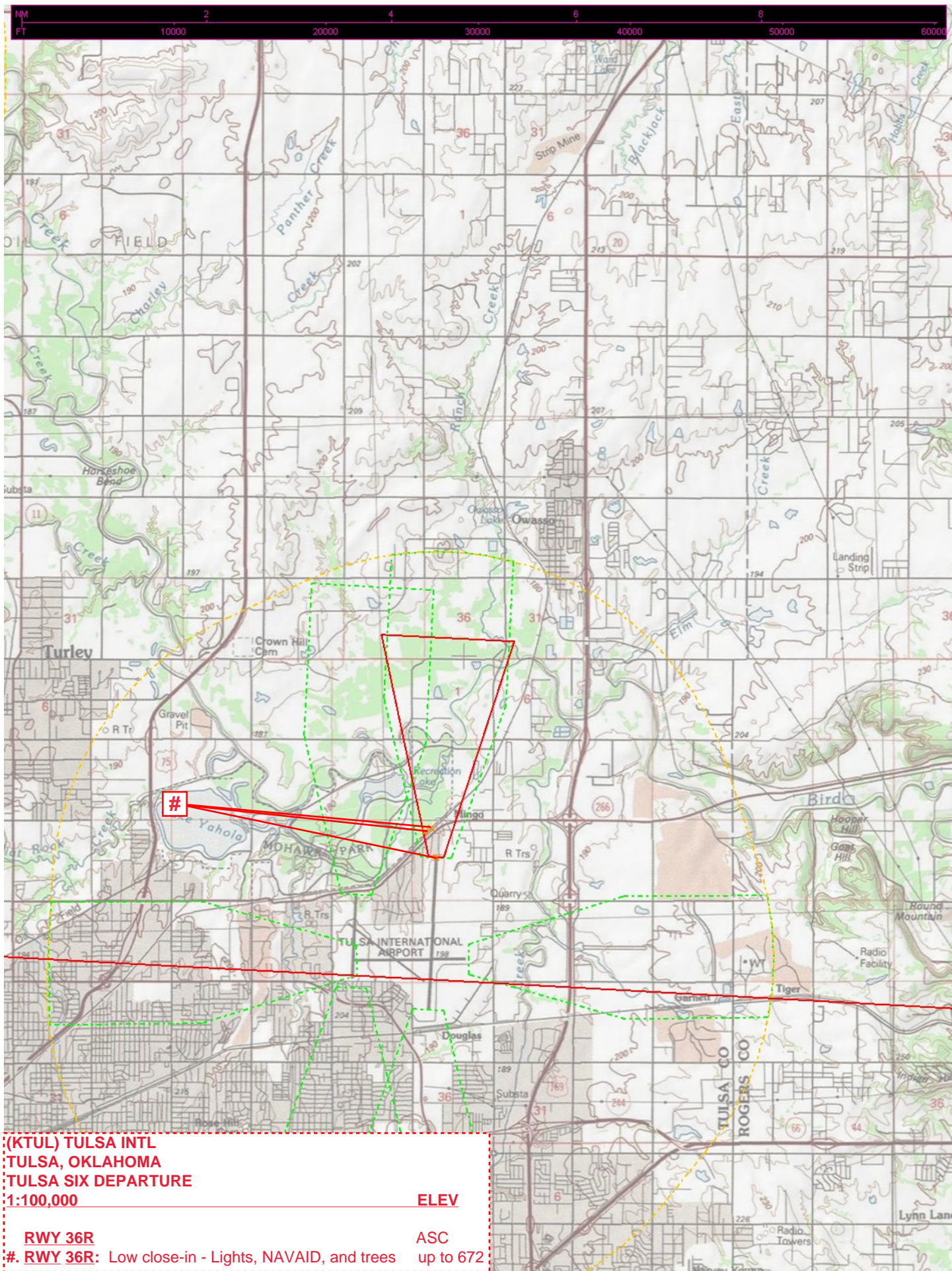
Antenna, buildings, and tree

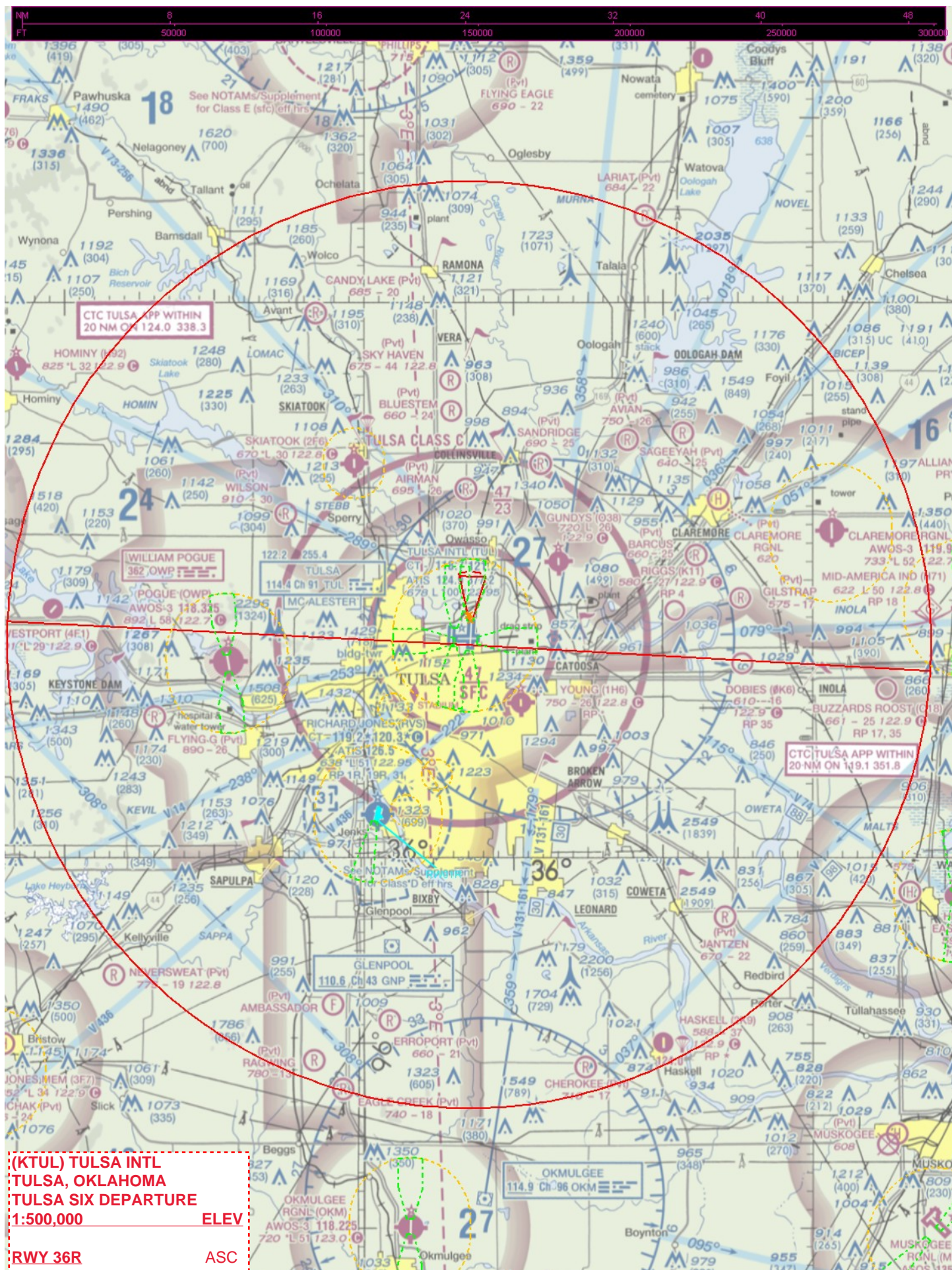
up to 713














Federal Aviation Administration

Memorandum

Date: DEC 09 2010

To: Leslie H. Smith, Manager, Flight Technologies and
Procedures Division
THRU: Danny E. Hamilton, Manager, Flight Procedure Implementation
& Oversight Branch

From:  Wade EK Terrell Lead, Production Integration Team AJV-34

Reply To Attn Of: Wade EK Terrell
(405) 954-7370
FAX (405) 954-1301

Subject: **ACTION:** Approval Request

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP), Richard
Lloyd Jones Jr., Tulsa, OK (KRVS)

Climb gradient exceeds 500 feet per NM, 8260.46D PARA 2d.(2)

The computed climb gradient is 606.64 feet per NM to an altitude 262.1 feet above airport
elevation. The obstacle driving this climb is a 799 MSL TREE (100' assumed obstacle).

Request approval to publish a minimum climb gradient of 610 feet per NM to 900 to allow 40:1
obstacle penetrations to be avoided.

Worst case vegetation was applied on rising terrain Northwest of Richard Lloyd Jones Jr airport in
Tulsa, OK. The vegetation was applied outside of the respective runway survey area.

Attachment

Please Respond By: 20 JANUARY 2011



Federal Aviation Administration

Memorandum

Date:

To: Manager, Production Integration Team, AJV-34

From: Manager, Flight Technologies and Procedures Division, AFS-400

Prepared by: Flight Procedure Implementation & Oversight Branch, AFS-460

Subject: Approval Request; AJV-34 Memorandum Dated 12/09/2010

Your request to utilize a climb gradient(s) of 610 feet per NM for RWY 31 on the “TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP), AMDT 7” at Richard Lloyd Jones Jr., Tulsa, OK was discussed at Flight Standards’ Procedure Review Board (PRB) and is approved.

Please direct all inquiries to Danny E. Hamilton, AFS-460, at (405) 954-9359.

Attachments

cc:

AJV-34

ASW-220

AFS-400/410/420/440/460/470

CONCURRENCES

ROUTING SYMBOL

AFS-420

INITIALS/SIG

DATE

ROUTING SYMBOL

AFS-460

INITIALS/SIG

DATE

ROUTING SYMBOL

AFS-410

INITIALS/SIG

DATE

ROUTING SYMBOL

AFS-400

INITIALS/SIG

DATE

ROUTING SYMBOL

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