

Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: Graphical DP	Estimated Chart Date: 06/12/2025	APWS Task ID: F1A921102413429DAB4C185926AE8446	APWS Project ID: 8DB4CB171156489681CDB7C21E021F10
Procedure: SALMON ONE DEPARTURE (OBSTACLE)		Enroute: YES	Specialist: Neidigh, Jon		Agreement Number:
Airport ID: KLLJ			Airport City: CHALLIS		State: ID
Facility ID:	Facility Type:	Flight Inspection Remark Type: New FC Slot			
<div>Procedure Comments: PENDING AIRPORT DATA USED. APPROVAL LETTER FOR CLIMB GRADIENT EXCEEDING 500 FT/NM. ORIGINAL PROCEDURE. CONTACT CASIMIR TABAKA 405-954-7931</div> <div><div>QUALITY 41 CHECKED</div><div>QUALITY 23 CHECKED</div></div>					

FIPC BASIC FORM						
PROCEDURE: SALMON ONE DEPARTURE (OBSTACLE)			AIRPORT NAME: CHALLIS		AIRPORT ID: KLLJ	SPECIAL CONTROL NO: SP-06-156-25
FAC ID: SALMON1		CITY: CHALLIS			ST: ID	ORIG CHART DATE: 01/22/2026
DFL TYPE: PROC/T	THIRD PARTY: <input type="checkbox"/> YES	EST. TIME ON SITE: 0.4	REIMB. NUMBER:	PTS TASK ID: F1A921102413429DAB4C185926AE8446		
PREFLIGHT NOTES						
REVIEWER:					DATE:	
COMMENTS:					CHECK ONE:	
					<input type="checkbox"/> FLT CK REQ <input type="checkbox"/> NFCR <input type="checkbox"/> REJECT	
						YES
					CPV COMPLETE?	X
PROCEDURE RESULTS						
INSPECTION DATE: 08/13/2025	CREW #: VN235	N #: N68	INSTRUMENT PROCEDURE STATUS: <input checked="" type="checkbox"/> SAT <input type="checkbox"/> SAT W/CHANGES <input type="checkbox"/> UNSAT		ARINC CODING: <input checked="" type="checkbox"/> SAT <input type="checkbox"/> SAT/GOLD <input type="checkbox"/> UNSAT	
FLIGHT INSPECTOR SIGNATURE: thomas e molokie @ 08/13/2025 16:28			PRINTED NAME: MOLOKIE, THOMAS EDWARD			NOTAM INITIATED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
FLIGHT INSPECTOR REMARKS: Flown satisfactory.						
IN-FLIGHT OBSTACLE REPORT						
OBSTRUCTION ID #:	COORDINATES OR LOCATION:	GNSS ALTITUDE (MSL):	BAROMETRIC ALTITUDE (MSL):	HEIGHT ABOVE GROUND LEVEL:		



# Federal Aviation Administration

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## Memorandum

Date: 12/11/2024

To: Wade Terrell, Manager, Flight Technologies and Procedures Division THRU:  
Wayne Radicke, Manager, Flight Procedures and Airspace Group

From: Julie Morgan, Manager, Team 1, AJV-A41

Subject: Approval Request: CHALLIS (KLLJ), SALMON ONE DEPARTURE (OBSTACLE)

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Issue: Climb gradient exceeds 500 feet per NM, 8260.3F para 13-1-5.

The required climb gradient for runway 35 is 514 feet per NM to 8,200. The obstacle requiring the excessive climb gradient is 7070 MSL AAO (44 36 18.00N / 114 14 00.00W) located 4.57 NM from runway 35 DER; the obstacle driving the termination altitude is 7365 MSL AAO (44 39 57.00N / 114 11 21.00W) located 8.25 NM from runway 35 DER.

Request approval to publish a minimum climb gradient of 514 feet per NM to 8,200 for runway 35. The climb gradient has been coordinated with the airport sponsor, who confirmed based and transient aircraft (especially medical flight/life flight aircraft) can accomplish this climb gradient.

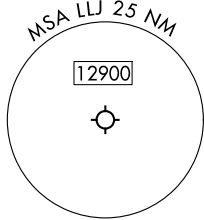
(LKT1.LKT) FIG

AL-10472 (FAA)

CHALLIS (LLJ)  
CHALLIS, IDAHO

## SALMON ONE DEPARTURE (OBSTACLE)

XXXX XXXX XXXXXX  
XXX.XXX XXX.XXX



SALMON  
113.5 LKT  
Chan 82

### TAKEOFF MINIMUMS

Rwy 35: Standard with minimum climb of 514' / NM to 8200,  
or 5500-5 for VCOA.

PROTOTYPE-NOT FOR NAVIGATION

### TAKEOFF OBSTACLE NOTES

Rwy 35: Vegetation 46' from DER, 141' left of centerline, 3' AGL/5008' MSL.  
Fence 94' from DER, 249' left of centerline, 4' AGL/5013' MSL.  
Trees beginning 118' from DER, 177' right of centerline, up to 19' AGL/5018 MSL.  
Terrain, fence beginning 160' from DER, 249' left of centerline, up to 5016' MSL.  
Terrain 407' from DER, 593' left of centerline, 5019' MSL.  
Terrain 2.6 NM from DER, 403' left of centerline, 5684' MSL.

NOTE: Chart not to scale.

### DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 35: Climbing right turn on heading 010° to intercept LKT VOR/ DME R-175.  
Cross LKT VOR/DME at or above MEA for direction of flight before proceeding on course.

VCOA RUNWAY 35: Obtain ATC approval for VCOA when requesting IFR  
clearance. Climb in visual conditions to cross Challis airport at or above  
10400 before proceeding on course.

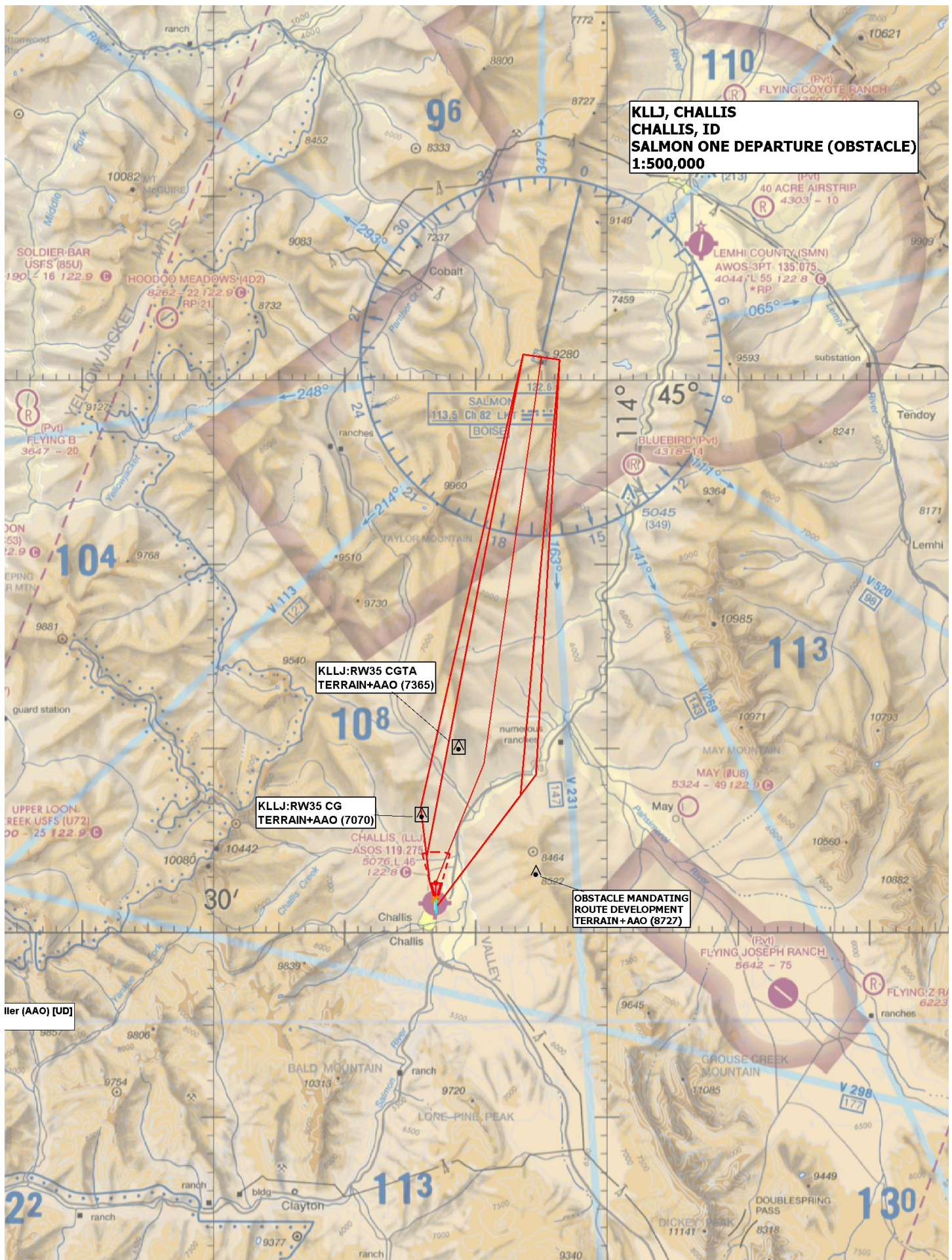
## SALMON ONE DEPARTURE (OBSTACLE)

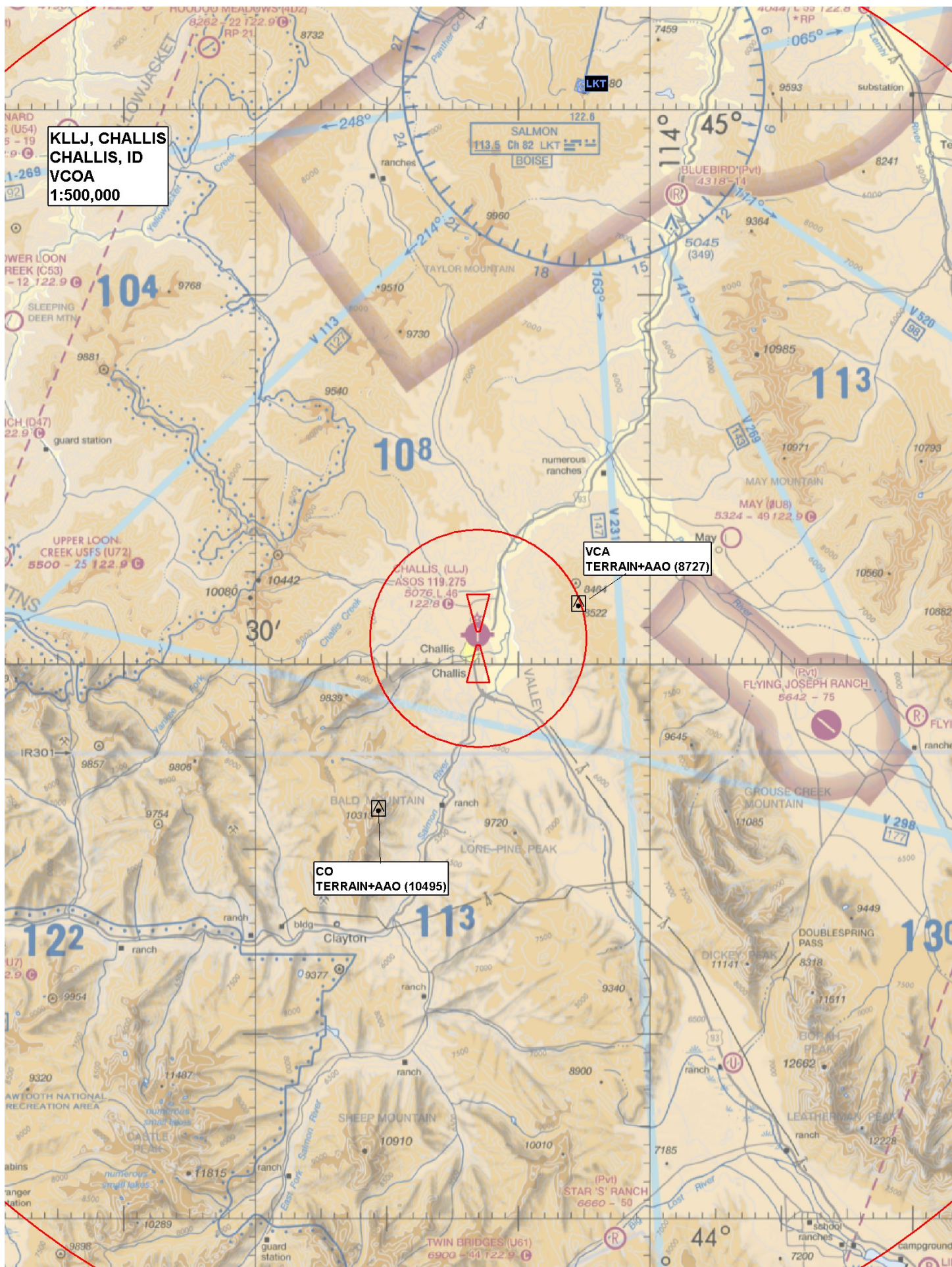
(LKT1.LKT) FIG

CHALLIS, IDAHO  
CHALLIS (LLJ)

AUTOMATED AL-10472 SALMON DEPARTURE

NW-1  
1-11-25  
COMPILER: JUN  
REVIEWER:  
DBL CHKR:  
EFF: FIG



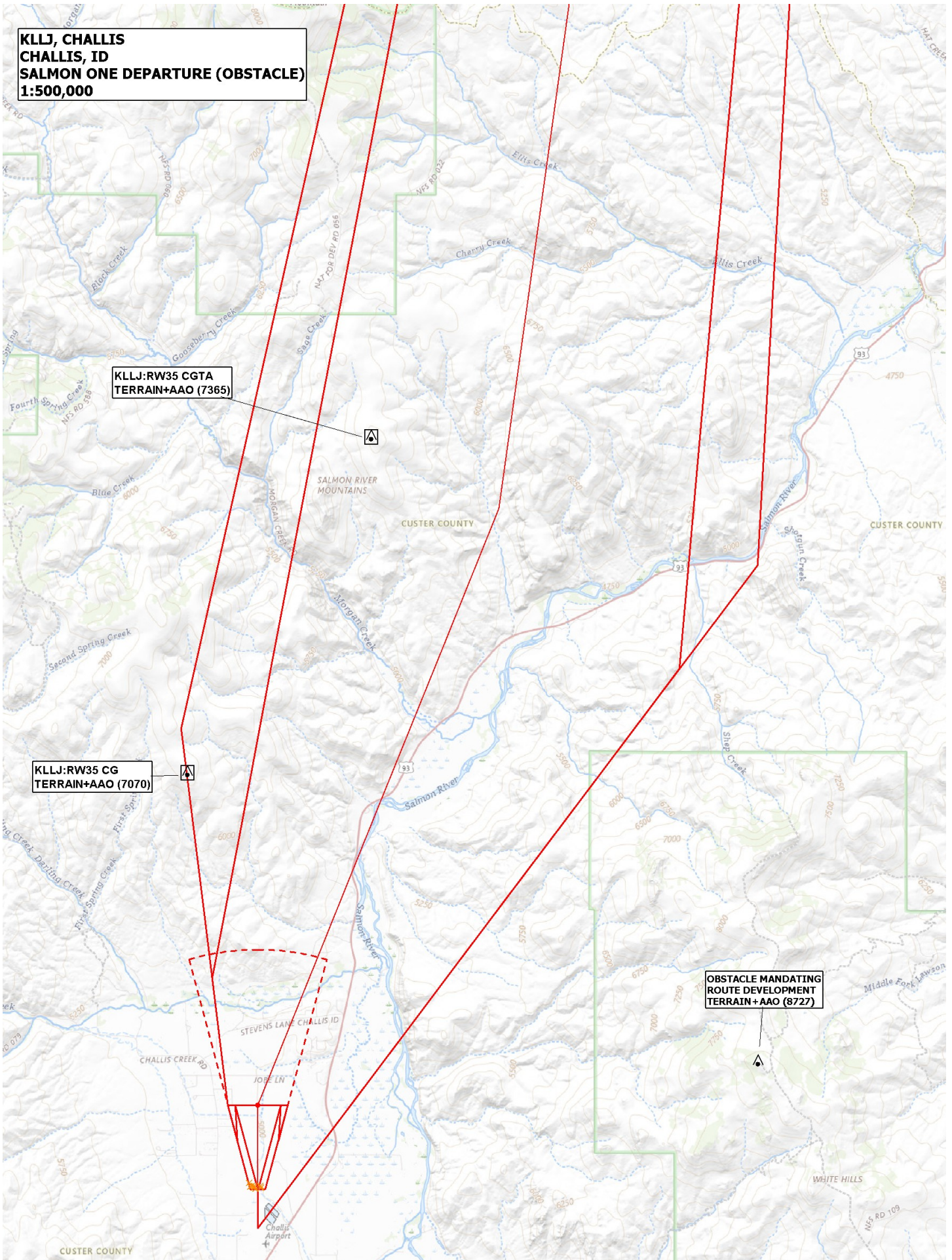


**KLLJ, CHALLIS**  
**CHALLIS, ID**  
**SALMON ONE DEPARTURE (OBSTACLE)**  
**1:500,000**

**KLLJ:RW35 CGTA**  
**TERRAIN+AAO (7365)**

**KLLJ:RW35 CG**  
**TERRAIN+AAO (7070)**

**OBSTACLE MANDATING**  
**ROUTE DEVELOPMENT**  
**TERRAIN+AAO (8727)**



**KLLJ, CHALLIS  
CHALLIS, ID  
VCOA  
1:125,000**

**VCA  
TERRAIN+AAO (8727)**

