

Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: IAP	Estimated Chart Date: 02/20/2025	APWS Task ID: 987F5ED84A744424BFD9F84D401D2DFE	APWS Project ID: C793750D6AE64C68B1E2A52EE20FE25E
Procedure: RNAV (GPS) Y RWY 17 AMDT 3		Enroute: NO	Specialist: Prassada, Parnell		Agreement Number:
Airport ID: KSLC			Airport City: SALT LAKE CITY		State: UT
Facility ID:	Facility Type:	Flight Inspection Remark Type: New FC Slot			
Procedure Comments: ACTIVE DATA USED. MEMO: AFS BLANKET WAIVER TO OMIT CAPTURE FIX REQUIRED ON PBN TO ILS APPROACHES. WAIVERS (3): WAIVER REQUESTED: FOR MAXIMUM ALLOWABLE DESCENT GRADIENT. WAIVER REQUESTED: FOR LEG LENGTH WAIVER FOR INITIAL LEG SEGMENT. WAIVER REQUESTED: FOR SPEED RESTRICTION OF "AT OR BELOW 250 KIAS" AT THE EKKHO. CONTACT: ERIC SUSKI WK: (405) 954-7331. QUALITY 21 CHECKED QUALITY 41 CHECKED					

FIPC BASIC FORM						
PROCEDURE: RNAV (GPS) Y RWY 17 AMDT 3			AIRPORT NAME: SALT LAKE CITY INTL		AIRPORT ID: KSLC	SPECIAL CONTROL NO: SG-11-096-24
FAC ID: KSLC17.03Y		CITY: SALT LAKE CITY			ST: UT	ORIG CHART DATE: 02/20/2025
DFL TYPE: PROC/S	THIRD PARTY: ☐ YES	EST. TIME ON SITE: 0.4	REIMB. NUMBER:	PTS TASK ID: 987F5ED84A744424BFD9F84D401D2DFE		
PREFLIGHT NOTES						
REVIEWER: anthony d vallera					DATE: 01/08/2025	
COMMENTS:					CHECK ONE:	
					☒ FLT CK REQ ☐ NFCR ☐ REJECT	
						YES
					CPV COMPLETE?	
					X	
PROCEDURE RESULTS						
INSPECTION DATE: 01/08/2025	CREW #: VN218	N #: N87	INSTRUMENT PROCEDURE STATUS: ☒ SAT ☐ SAT W/CHANGES ☐ UNSAT		ARINC CODING: ☒ SAT ☐ SAT/GOLD ☐ UNSAT	
FLIGHT INSPECTOR SIGNATURE: anthony d vallera @ 01/08/2025 20:27			PRINTED NAME: VALLERA, ANTHONY DOMINIC			NOTAM INITIATED? ☐ YES ☒ NO
FLIGHT INSPECTOR REMARKS:						
IN-FLIGHT OBSTACLE REPORT						
OBSTRUCTION ID #:	COORDINATES OR LOCATION:	GNSS ALTITUDE (MSL):	BAROMETRIC ALTITUDE (MSL):	HEIGHT ABOVE GROUND LEVEL:		

SALT LAKE CITY, UTAH

AL-365 (FAA)

FIG

WAAS CH 82338 W17A	APP CRS 169°	Rwy Idg TDZE Apt Elev	9596 4222 4231
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RNAV (GPS) Y RWY 17

SALT LAKE CITY INTL (SLC)

RNP APCH - GPS.

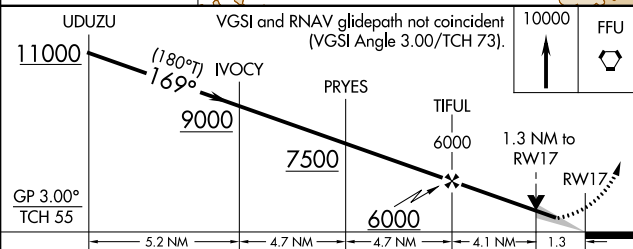
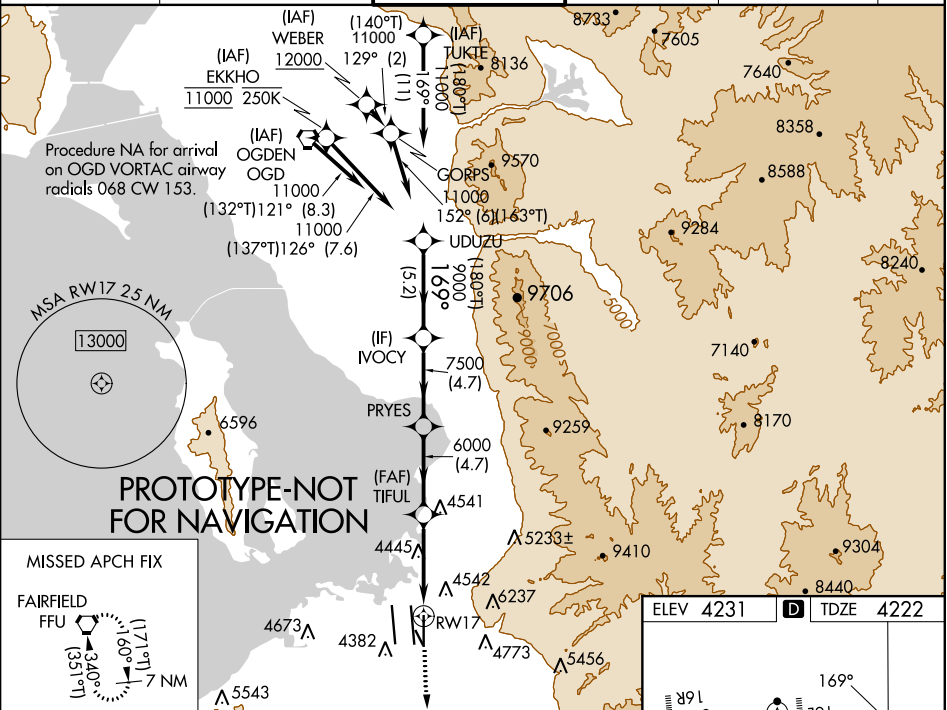
▼ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -10°C or above 49°C. Simultaneous approach authorized. LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during simultaneous operations. For inop ALS, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV all Cats visibility to RVR 5500, and LNAV Cat C/D/E visibility to 1 1/2 SM.

MALSR

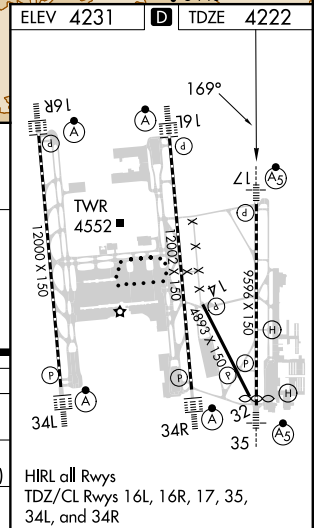


MISSED APPROACH:
Climb to 4700 then climb
to 10000 direct FFU
VORTAC and HOLD.

D-ATIS	SALT LAKE CITY APP CON	SALT LAKE CITY TOWER	GND CON	CLNC DEL	CPDLC
124.75 125.625	125.7 284.6	118.3 257.8	121.9 348.6	127.3 379.975	



CATEGORY	A	B	C	D	E
LPV DA	4422/18 200 (200-1/2)				
LNAV/VNAV DA	4571/30 349 (400-5/8)				4574/30 352 (400-5/8)
LNAV MDA	4700/24 478 (500-1/2)		4700/50 478 (500-1)		



SALT LAKE CITY, UTAH

40°47'N-111°59'W

SALT LAKE CITY INTL (SLC)

Amdt 3 FIG

RNAV (GPS) Y RWY 17

WAAS CH 82338 W17A	APP CRS 169°	Rwy Idg 9596 TDZE 4219 Apt Elev 4227
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RNAV (GPS) RWY 17

SALT LAKE CITY INTL (SLC)

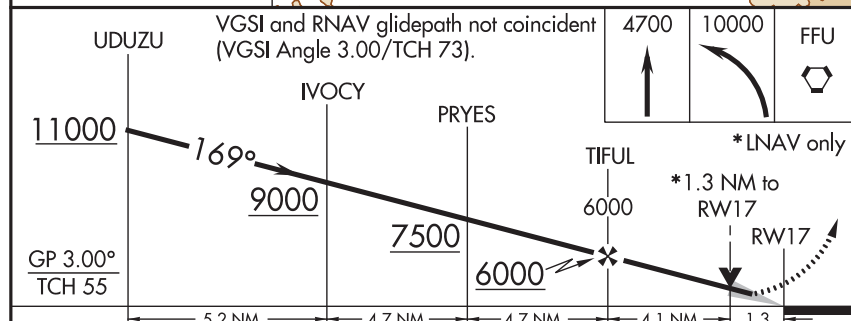
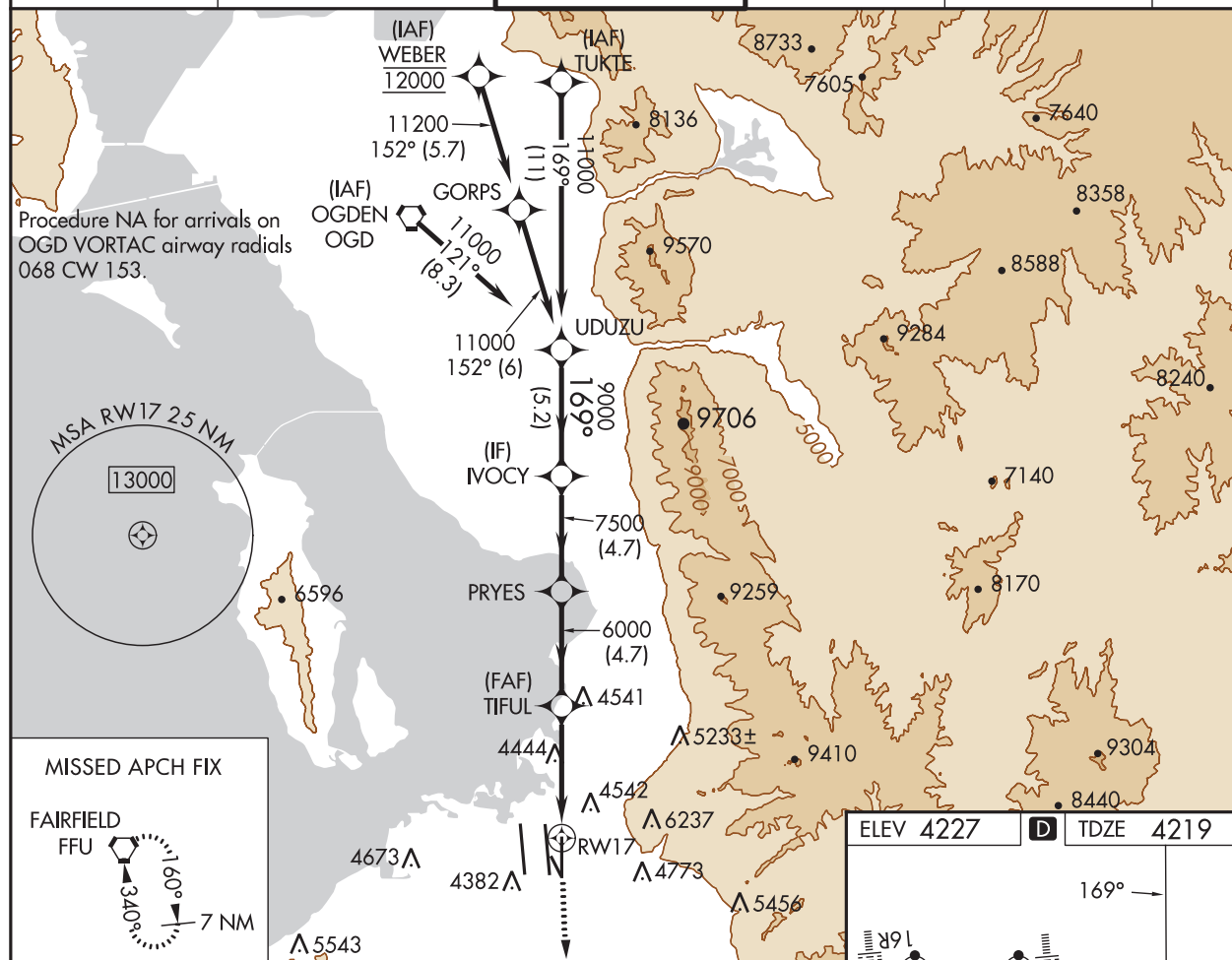
T For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -14°C (7°F) or above 49°C (121°F). DME/DME RNP-0.3 NA. For inop ALS, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV Cat E visibility to RVR 6000, and LNAV Cat C/D/E visibility to 1½ SM. Simultaneous approach authorized. LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during simultaneous operations.

MALSR

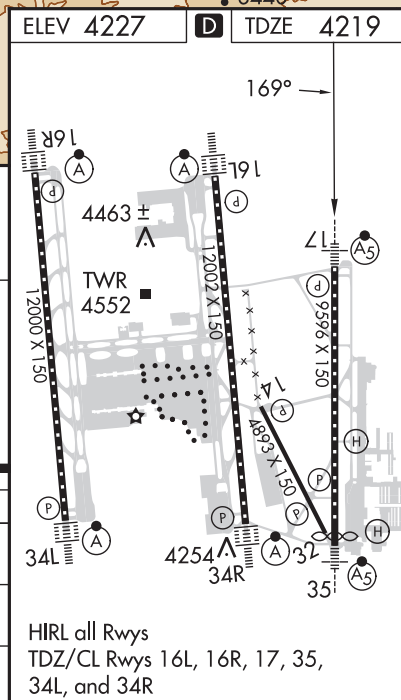


MISSED APPROACH:
Climb to 4700 then
climbing left turn to
10000 direct FFU
VORTAC and hold.

D-ATIS 124.75 125.625	SALT LAKE CITY APP CON 125.7 284.6	SALT LAKE CITY TOWER 118.3 257.8	GND CON 121.9 348.6	CLNC DEL 127.3 379.975	CPDLC
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CATEGORY		A	B	C	D	E
LPV	DA	4419/18 200 (200-½)				
LNAV/ VNAV	DA	4571/30 352 (400-⅝)				
LNAV	MDA	4700/24 481 (500-½)		4700/50 481 (500-1)		



SALT LAKE CITY, UTAH
Amdt 2B 07DEC17

40°47'N-111°59'W

SALT LAKE CITY INTL (SLC)
RNAV (GPS) RWY 17

SW-4, 16 MAY 2024 to 13 JUN 2024

SV-4, 16 MAY 2024 to 13 JUN 2024

SALT LAKE CITY INTL (KSLC)
SALT LAKE CITY, UT
RNAV (GPS) Y RWY 17 AMDT 3
INITIAL (OGD - UDUZU)
1:500,000K

Initial OGD-VORTAC to UDUZU TERRAIN+AAO (6149)
 TP184

Initial UDUZU to IVOCY TOWER (5101)
 49-063731

Intermediate IVOCY to PRYES TERRAIN+AAO (5899)
 TP238

Intermediate PRYES to PFAF5 TOWER (4541)
 49-000109

SALT LAKE CITY INTL (KSLC)
SALT LAKE CITY, UT
RNAV (GPS) Y RWY 17 AMDT 3
INITIAL (OGD - UDUZU)
1:500,000K

Initial OGD-VORTAC to UDUZU TERRAIN+AAO (6149)
 TP184

Initial UDUZU to IVOCY TOWER (5101)
 49-063731

Intermediate IVOCY to PRYES TERRAIN+AAO (5899)
 TP238

Intermediate PRYES to PFAF5 TOWER (4541)
 49-000109

SALT LAKE CITY INTL (KSLC)
SALT LAKE CITY, UT
RNAV (GPS) Y RWY 17 AMDT 3
INITIAL (OGD - UDUZU)
1:500,000K

Initial OGD-VORTAC to UDUZU TERRAIN+AAO (6149)
 TP184

Initial UDUZU to IVOCY TOWER (5101)
 49-063731

Intermediate IVOCY to PRYES TERRAIN+AAO (5899)
 TP238

Intermediate PRYES to PFAF5 TOWER (4541)
 49-000109

SALT LAKE CITY INTL (KSLC)
SALT LAKE CITY, UT
RNAV (GPS) Y RWY 17 AMDT 3
INITIAL (WEBER - GORPS - UDUZU)
1:500.000K

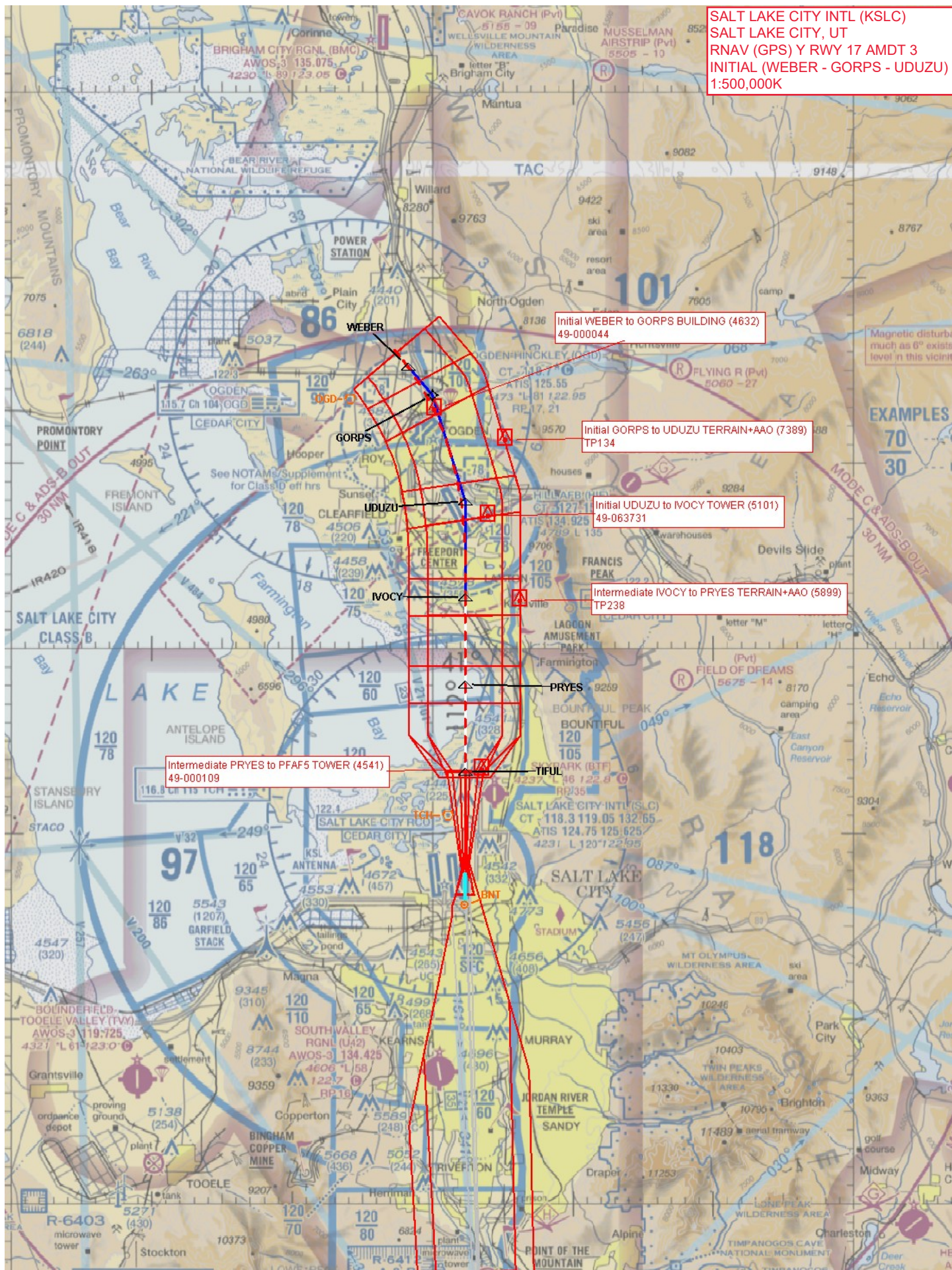
Initial WEBER to GORPS BUILDING (4632)
49-000044

Initial GORPS to UDUZU TERRAIN+AAO (7389)
TP134

Initial UDUZU to IVOCY TOWER (5101)
49-063731

Intermediate IVOCY to PRYES TERRAIN+AAO (5899)
TP238

Intermediate PRYES to PFAF5 TOWER (4541)
49-000109



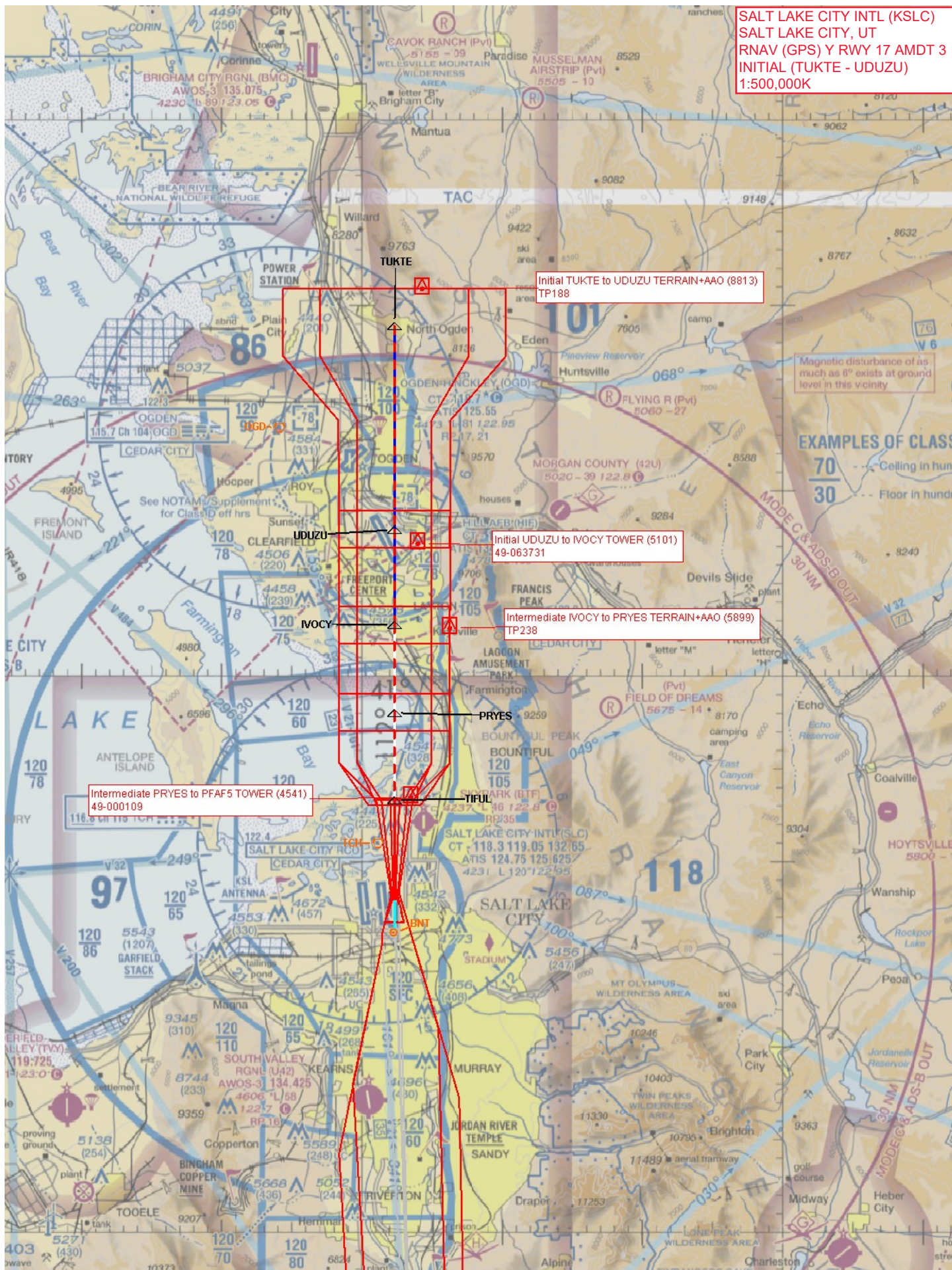
SALT LAKE CITY INTL (KSLC)
SALT LAKE CITY, UT
RNAV (GPS) Y RWY 17 AMDT 3
INITIAL (TUKTE - UDUZU)
1:500,000K

Initial TUKTE to UDUZU TERRAIN+AAO (8813)
TP188

Initial UDUZU to IVOCY TOWER (5101)
49-063731

Intermediate IVOCY to PRYES TERRAIN+AAO (5899)
TP238

Intermediate PRYES to PFAF5 TOWER (4541)
49-000109



SALT LAKE CITY INTL (KSLC)
SALT LAKE CITY, UT
RNAV (GPS) Y RWY 17 AMDT 3
INITIAL (EKKHO - UDUZU)
1:500,000K

Initial UDUZU to IVOCY TOWER (5101)
 49-063731

Initial EKKHO to UDUZU TERRAIN+VEG (5060)
 TP0

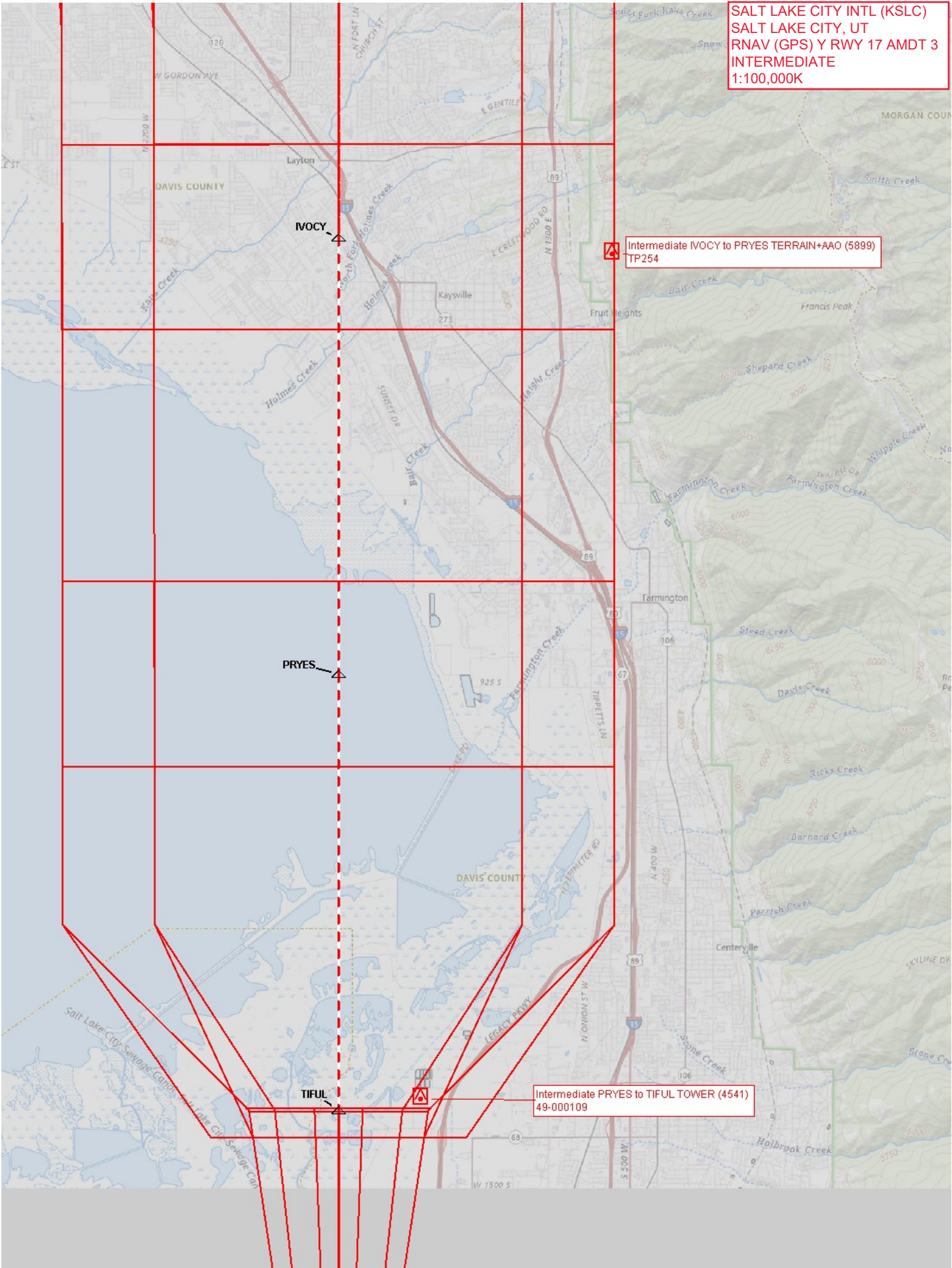
Intermediate IVOCY to PRYES TERRAIN+AAO (5899)
 TP238

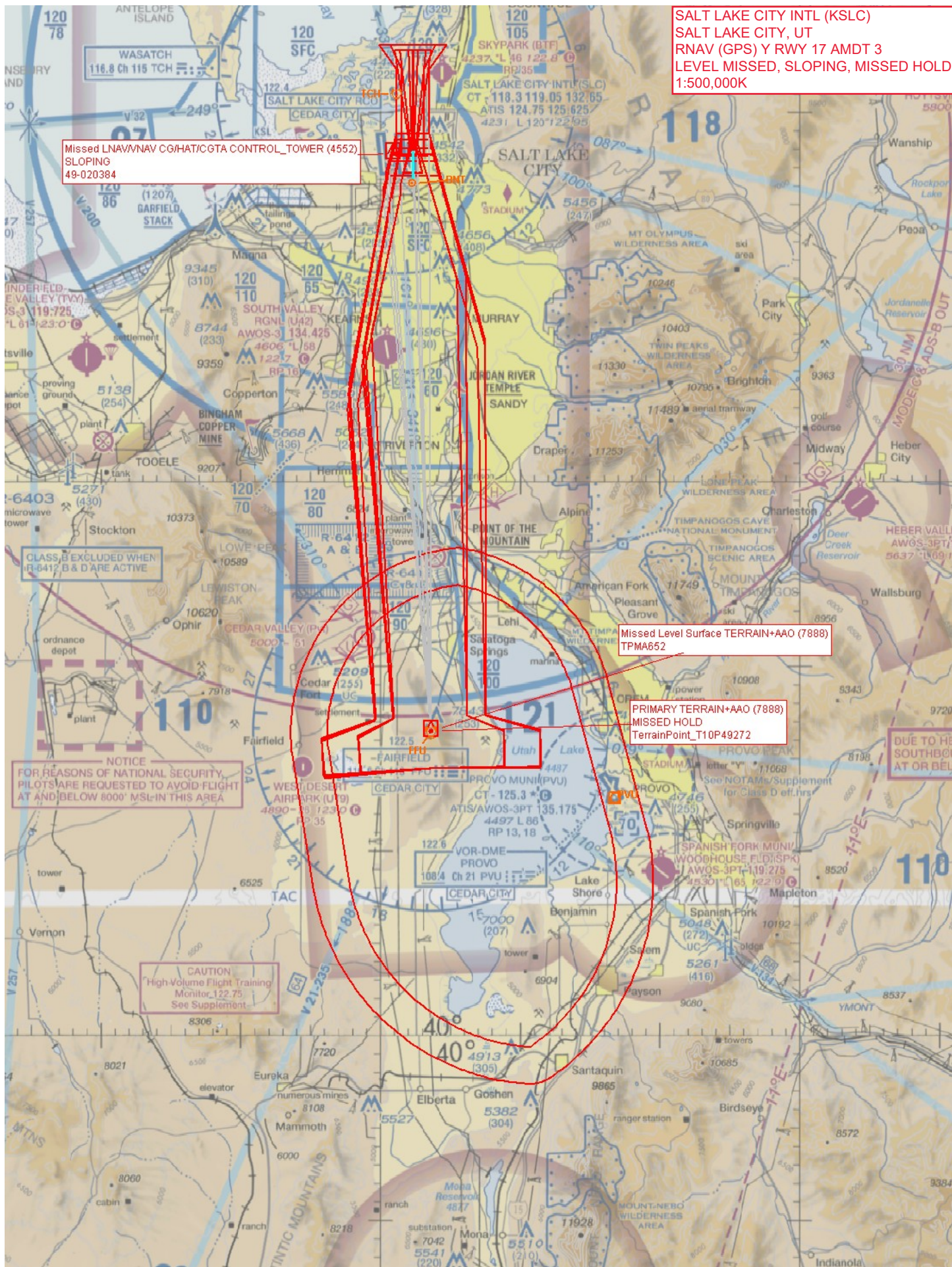
Intermediate PRYES to PFAF5 TOWER (4541)
 49-000109

SALT LAKE CITY INTL (KSLC)
SALT LAKE CITY, UT
RNAV (GPS) Y RWY 17 AMDT 3
INTERMEDIATE
1:100,000K

Intermediate IVOCY to PRYES TERRAIN+AAO (5899)
TP254

Intermediate PRYES to TIFUL TOWER (4541)
49-000109





SALT LAKE CITY INTL (KSLC)
SALT LAKE CITY, UT
RNAV (GPS) Y RWY 17 AMDT 3
LEVEL MISSED, SLOPING, MISSED HOLD
1:500,000K

Missed LNAV/VNAV CG/HAT/CGTA CONTROL_TOWER (4552)
SLOPING
49-020384

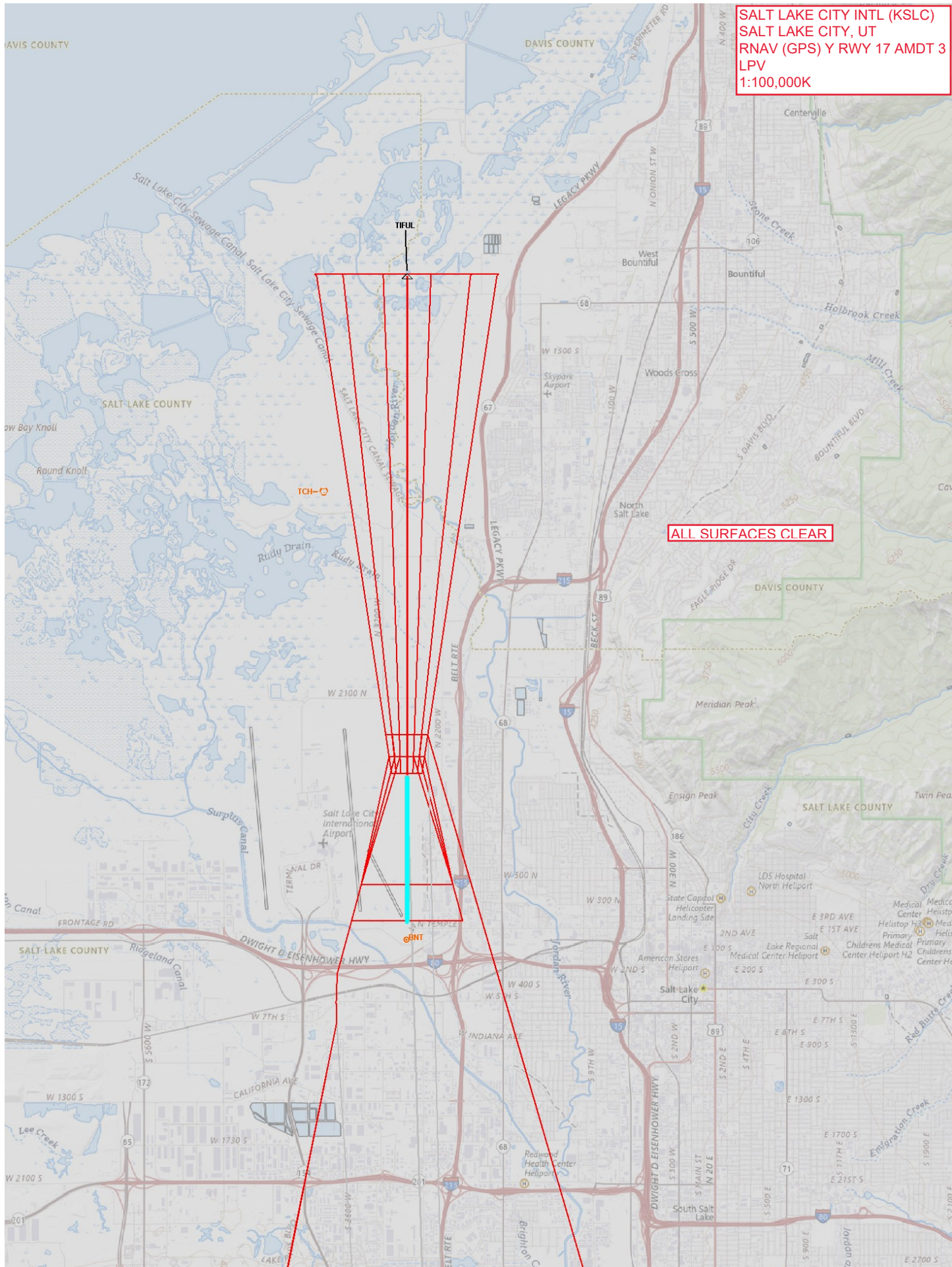
Missed Level Surface TERRAIN+AAO (7888)
TPMA652

PRIMARY TERRAIN+AAO (7888)
MISSED HOLD
TerrainPoint_T10P49272

NOTICE
FOR REASONS OF NATIONAL SECURITY,
PILOTS ARE REQUESTED TO AVOID FLIGHT
AT AND BELOW 8000' MSL IN THIS AREA

CAUTION
High Volume Flight Training
Monitor 122.75
See Supplement

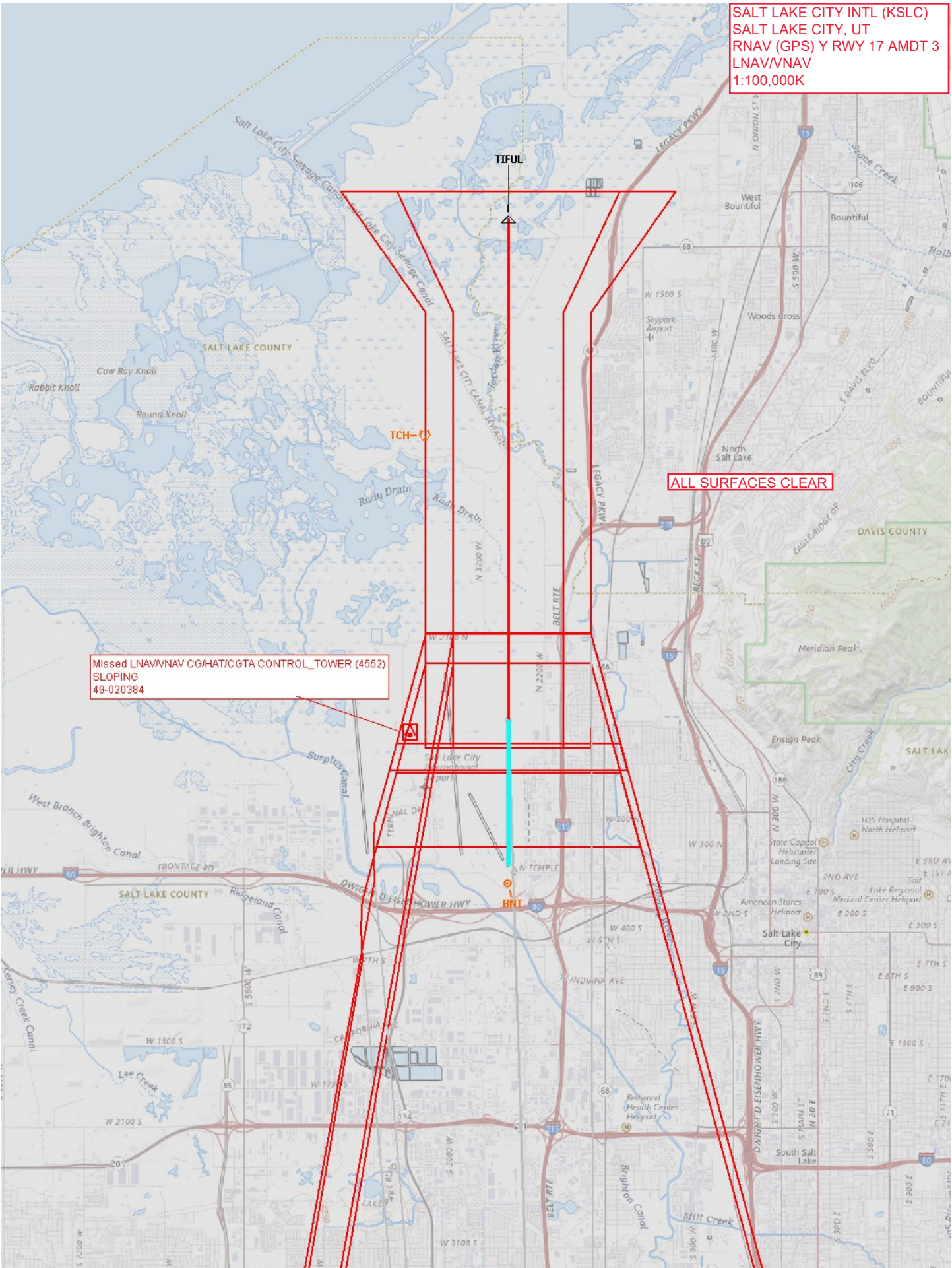
DUE TO HE
SOUTHWEST
AT OR BEL



SALT LAKE CITY INTL (KSLC)
SALT LAKE CITY, UT
RNAV (GPS) Y RWY 17 AMDT 3
LPV
1:100,000K

ALL SURFACES CLEAR

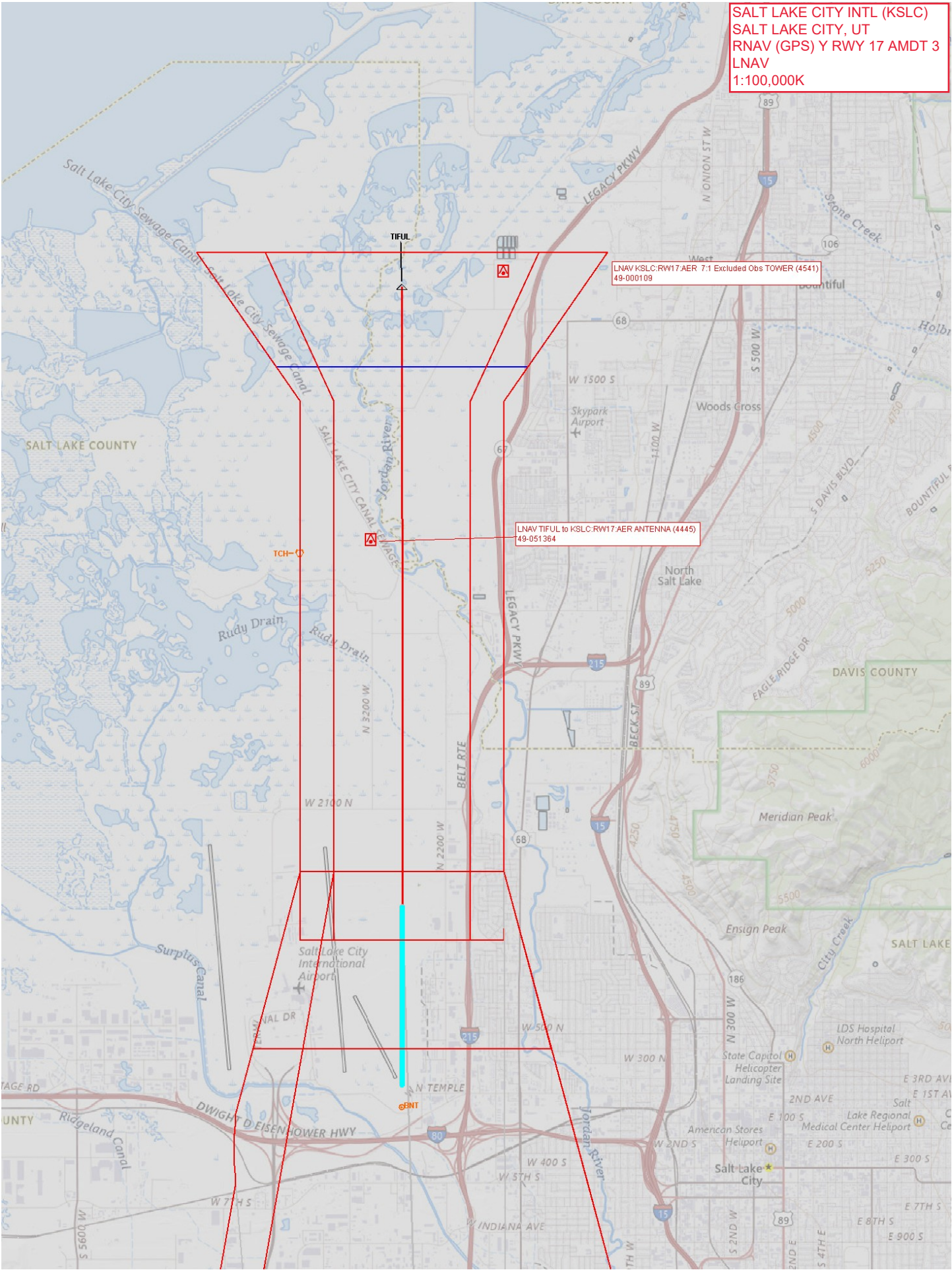
SALT LAKE CITY INTL (KSLC)
SALT LAKE CITY, UT
RNAV (GPS) Y RWY 17 AMDT 3
LNAV/VNAV
1:100,000K



Missed LNAV/VNAV CG/HAT/CGTA CONTROL_TOWER (4552)
SLOPING
49-020384

ALL SURFACES CLEAR

SALT LAKE CITY INTL (KSLC)
SALT LAKE CITY, UT
RNAV (GPS) Y RWY 17 AMDT 3
LNAV
1:100,000K





Federal Aviation Administration

Memorandum

Date: August 22, 2023

To: Instrument Flight Procedures Service Providers

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

Subject: Waiver to Order 8260.58, United States Standard for Performance Based Navigation (PBN) Instrument Procedure Design, on Appendix C PBN Transition to ILS/GLS/LPV Final.

This memorandum waives FAA Order 8260.58, United States Standard for Performance Based Navigation (PBN) Instrument Procedure Design, Appendix C, paragraph 2.a.(1), for procedures that meet all of the following guidelines:

1. The final approach segment length is no longer than 37,400 feet.
2. The glidepath angle is 3.00 degrees or more.
3. The Threshold Crossing Height is between 40 feet and 60 feet.
4. No PBN segment/s intersect the final approach course extended closer than 12,300 feet plus Distance to Turn Anticipation (DTA) from the PFAF.

This memorandum remains in effect until rescinded. Please direct all inquiries to the Flight Procedures and Airspace Group, Standards Section at 405-954-1139 or 9-AWA-AVS-AFS420@faa.gov.

1. FLIGHT PROCEDURE IDENTIFICATION:

SALT LAKE CITY, UT
SALT LAKE CITY INTL
RNAV (GPS) Y RWY 17

2. WAIVER REQUIRED AND APPLICABLE STANDARD:

FAAO 8260.3E Paragraph 2-5-3 (D) (Descent Gradient)

To permit initial segment descent gradients in excess of 500 feet per NM. The leg from UDUZU to IVOCY has a descent gradient of 677.2.

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

Request to publish the RNAV (GPS) Y RWY 17 using a descent gradient of 677.21 FT/NM from UDUZU to IVOCY, which exceeds the maximum allowable descent gradient of 500 FT/NM.

ATC has a requirement to ensure that 41st parallel is clear due to separation of Hill AFB traffic, and a need to remain at or above 7,500 FT MSL until 1.50 NM South.

4. EQUIVALENT LEVEL FOR SAFETY PROVIDED:

1. Aircraft will have ample time to configure for final approach.
2. This is compliant with FAAO 8260.58C, Paragraph 3-1-4 (B); PFAF is a Fly-By fix.
3. The intermediate segment descent gradient and final approach segment length contribute to a stabilized approach.
4. Five (5) years of National Climatic Data Center (NCDC) data indicates the historical high temperature for two (2) months of each year (July and August) does not exceed 92.6°F/33.7°C.

5. ALTERNATIVE ACTIONS DEEMED NOT FEASIBLE:

1. Extending the initial segment length to meet descent gradient will infringe upon adjacent ATC established procedural separation measures currently in place. This will affect restricted area operations, create STAR connection issues, and cause a ripple effect on various sector's airspace.

6. COORDINATION WITH USER ORGANIZATIONS (SPECIFY):

AFS
KSLC
Department of Defense

7. SUBMITTED BY:

DATE	OFFICE IDENTIFICATION	TITLE	SIGNATURE
	AJV-A	MANAGER	

Digitally signed by
ERIC N SUSKI

8. AFS ACTIONS:

☐ APPROVED	☐ DISAPPROVED	☐ NOT REQUIRED
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Nov 04, 2024

COMMENTS:

DATE	ROUTING SYMBOL	SIGNATURE
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1. FLIGHT PROCEDURE IDENTIFICATION:

SALT LAKE CITY, UT
SALT LAKE CITY INTL
RNAV (GPS) Y RWY 17

2. WAIVER REQUIRED AND APPLICABLE STANDARD:

8260.58C Table 1-2-2. Indicated Airspeeds (KIAS)
Minimum Airspeed Restriction STAR/Feeder/TAA, Initial, Departure CAT E 310 KIAS.

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

Request to publish the ILS OR LOC RWY 17 and RNAV (GPS) Y RWY 17 using an AT OR BELOW 250 KIAS at the EKKHO (IAF), which is less than the 310 KIAS required for CAT E operations. The 250 KIAS speed restriction is needed on the EKKHO Arrival and to meet requirements of FAAO 8260.3E Paragraph 2-2-9 (C) must be charted on the Instrument Approach Procedure.

4. EQUIVALENT LEVEL FOR SAFETY PROVIDED:

1. This speed restriction is not needed for obstacle clearance. The arrival and approach still provide required obstruction clearance.
2. Air Traffic still has the ability to vector CAT E aircraft inside the IF to the FAF.
3. A note of "CAT E Restricted to USAF/USN Aircraft" will be added to the approach.
4. The procedure will maintain at least one or two currently published initial segments in addition to the STARS (IF).

5. ALTERNATIVE ACTIONS DEEMED NOT FEASIBLE:

1. Removing the speed restriction from the Instrument Approach Procedure, while still charting it on the STAR is not allowed by criteria.
2. ATC and Users of the QWENN and JAZZZ Arrivals have also requested the speed restriction be added to the arrival to allow for better transitioning to the approach.

6. COORDINATION WITH USER ORGANIZATIONS (SPECIFY):

AFS
KSLC
Department of Defense

7: SUBMITTED BY:

DATE	OFFICE IDENTIFICATION	TITLE	SIGNATURE
	AJV-A	MANAGER	

Digitally signed by
ERIC N SUSKI
Nov 04, 2024

8. AFS ACTIONS:

☐ APPROVED	☐ DISAPPROVED	☐ NOT REQUIRED
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COMMENTS:

DATE	ROUTING SYMBOL	SIGNATURE
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1. FLIGHT PROCEDURE IDENTIFICATION:

SALT LAKE CITY, UT
SALT LAKE CITY INTL
RNAV (GPS) Y RWY 17

2. WAIVER REQUIRED AND APPLICABLE STANDARD:

IAW 8260.58C Paragraph 1-2-5(B)(1)

(a) Minimum length (fix-to-fix). Generally, minimum leg length is the lesser of 2 x XTT or 1 Nautical Mile (NM), but where applicable may also be no less than:

1. The sum of the Distance of Turn Anticipation (DTA) for each Fly-by (FB) turn (see Formula 1-2-1).

Note: Not applicable for FB turns of 10 degrees or less.

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

Request to publish RNAV (GPS) RWY 17:

1. Using a leg length from IVOCY to PRYES of 4.72 NM versus the minimum leg length of 4.76 NM.

2. Using a leg length from OGD to UDUZU of 8.26 NM versus the minimum leg length of 10.07 NM.

3. Using a leg length from WEBER to GORPS of 2.01 NM versus the minimum leg length of 3.19 NM; 2.01 NM versus the minimum leg length of 10.23 NM to support ATC vectors.

4. Using a leg length from GORPS to UDUZU of 6.00 NM versus the minimum leg length of 6.18 NM.

ATC is requesting that procedures be connected to newly developed/proposed EKKHO and WEBER Standard Terminal Arrival Routes (STARs) for arrivals from the north. The terminus points EKKHO and WEBER are strategically located to avoid the Hill AFB traffic patterns as much as feasible while providing a continuous descent to meet established descent gradient for all ORIG and amended procedures.

4. EQUIVALENT LEVEL FOR SAFETY PROVIDED:

1. Aircraft will not be vectored by ATC and will be established on the STAR which will ensure any established speed restrictions and or descent gradient are met for all aircraft to safely intercept the initial segment from WEBER terminus point to GORPS/UDUZU initial segment.

2. Aircraft established on the STAR between WEBER and GORPS will be TF and require no turns until the FB waypoint UDUZU which is 6.33 NM away from GORPS.

3. Pilots/ATC workload will be streamlined to reduce communications by issuing approach clearance instructions well in advance of the congested terminal area.

5. ALTERNATIVE ACTIONS DEEMED NOT FEASIBLE:

1. Extending the leg lengths between waypoints is not feasible as it would cause a possible airspace reconfiguration with the strategic terminus point location and the Hill AFB airports/airspace with their traffic patterns north of KSLC.

2. Moving waypoints inbound to accommodate the leg length requirement would impact the established descent gradient and segment length criteria violations for other segments.

6. COORDINATION WITH USER ORGANIZATIONS (SPECIFY):

AFS
KSLC

7. SUBMITTED BY:

DATE	OFFICE IDENTIFICATION	TITLE	SIGNATURE
	AJV-A	MANAGER	

Digitally signed by

ERIC N SUSKI

Nov 04, 2024

8. AFS ACTIONS:

☐

APPROVED

☐

DISAPPROVED

☐

NOT REQUIRED

COMMENTS:

DATE	ROUTING SYMBOL	SIGNATURE
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