

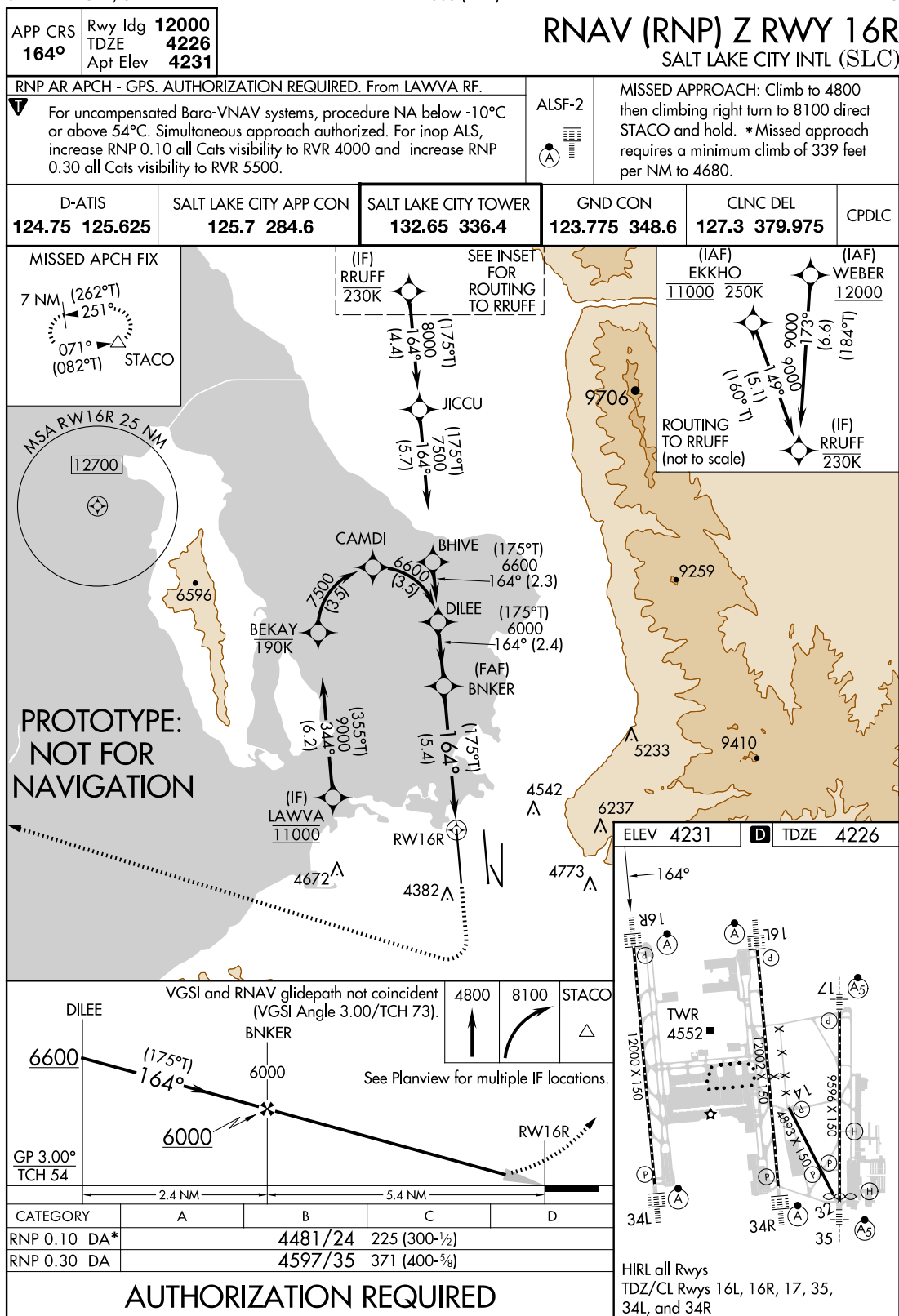
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |                                               |                                     |                                                   |                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------------------------------|-------------------------------------|---------------------------------------------------|------------------------------------------------------|
| Flight Procedures Cover Page                                                                                                                                                                                                                                                                                                                                                                                                                                           | Task Action:<br>FLIGHT CHECK | Task Type:<br>IAP                             | Estimated Chart Date:<br>02/20/2025 | APWS Task ID:<br>4E065920D82F4F91B980CFB0A9104837 | APWS Project ID:<br>9333D72E652C4A1E8788851CE3691745 |
| Procedure:<br>RNAV (RNP) Z RWY 16R ORIG                                                                                                                                                                                                                                                                                                                                                                                                                                |                              | Enroute:<br>NO                                | Specialist:<br>Christensen, Richard |                                                   | Agreement Number:                                    |
| Airport ID:<br>KSLC                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                              |                                               | Airport City:<br>SALT LAKE CITY     |                                                   | State:<br>UT                                         |
| Facility ID:                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Facility Type:               | Flight Inspection Remark Type:<br>New FC Slot |                                     |                                                   |                                                      |
| <div>Procedure Comments:<br/>ACTIVE DATA USED FOR AIRPORT AND RUNWAY.<br/><br/>ORIGINAL PROCEDURE.<br/><br/>APPROVAL LETTER: MANDATORY ALTITUDE AT IF LAWVA FOR NEW STAR FOR SLC.<br/><br/>WAIVER: DESCENT GRADIENT IN EXCESS OF 318 FT/NM IN INTERMEDIATE SEGMENT TO PFAF.<br/><br/>CONTACTS:<br/>ERIC SUSKI (AJV-A431), 405.954.7331<br/>BEVERLY L. BORDY (AJV-A430), 405.954.8293</div> <div>QUALITY<br/>20<br/>CHECKED</div> <div>QUALITY<br/>38<br/>CHECKED</div> |                              |                                               |                                     |                                                   |                                                      |



SALT LAKE CITY, UTAH

AL-365 (FAA)

FIG





# Federal Aviation Administration

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## Memorandum

Date: 08/21/2024  
To: Wade Terrell, Manager, Flight Technologies and Procedures Division THRU:  
Wayne Radicke, Manager, Flight Procedures and Airspace Group  
From: Beverly L. Bordy, Manager, Team 3, AJV-A43  
Subject: Approval Request: SALT LAKE CITY INTL (KSLC), RNAV (RNP) Z RWY 16R

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RNAV (RNP) Z RWY 16R  
SALT LAKE CITY INTL SALT LAKE CITY UT (KSLC)

8260.19J, paragraph 8-6-11n(1). Mandatory altitude in the intermediate segment.

Request approval to "Chart mandatory 11000 at LAWVA".

Salt Lake City TRACON (SF6) needs the 11000 crossing restriction at LAWVA due to the required separation needed to accommodate for SLC turn departures that depart underneath the arrivals from the west on the YUTES arrival.

*Digitally signed by*

**ERIC N SUSKI**

Nov 04, 2024

**1. FLIGHT PROCEDURE IDENTIFICATION:**

SALT LAKE CITY, UT  
SALT LAKE CITY INTL  
RNAV (RNP) Z RWY 16R

**2. WAIVER REQUIRED AND APPLICABLE STANDARD:**

FAAO Order 8260.3F, paragraph 2-5-3d. To permit intermediate segment descent gradients in excess of 318 feet per NM. The segment from BHIVE to the PFAF (BNKER) have a descent gradient of 321.92 and 322.0 feet per NM.

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

Request to publish the RNAV (RNP) Z RWY 16R using a descent gradient of 321.40 and 322.0 feet per NM from BHIVE to the PFAF (BNKER) which exceeds the maximum allowable descent gradient of 318.0 feet per NM. ATC has a requirement to ensure clearance of the 41st parallel due to separation of Hill AFB traffic and a need to remain at or above 7,500 FT MSL until 1.50 NM south. The intermediate segment is using the RNP AR RPCH - GPS (minimum RNP 1.0) throughout the intermediate segment to the PFAF.

**4. EQUIVALENT LEVEL FOR SAFETY PROVIDED:**

1. All initial and intermediate segments prior to BHIVE meets descent gradient criteria and provides ample time for aircraft to configure for final approach.
2. This is compliant with FAAO 8260.58C, para 3-1-4.b. that the PFAF is a Fly By (FB) 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 intermediate segment length to meet descent gradient will infringe upon adjacent ATC established procedural separation measures currently in place and will cause a ripple affect on various sector's airspace.

**6. COORDINATION WITH USER ORGANIZATIONS (SPECIFY):**

AFS  
ZLC  
Department of Defense

**7. SUBMITTED BY:**

| DATE | OFFICE IDENTIFICATION | TITLE | SIGNATURE |
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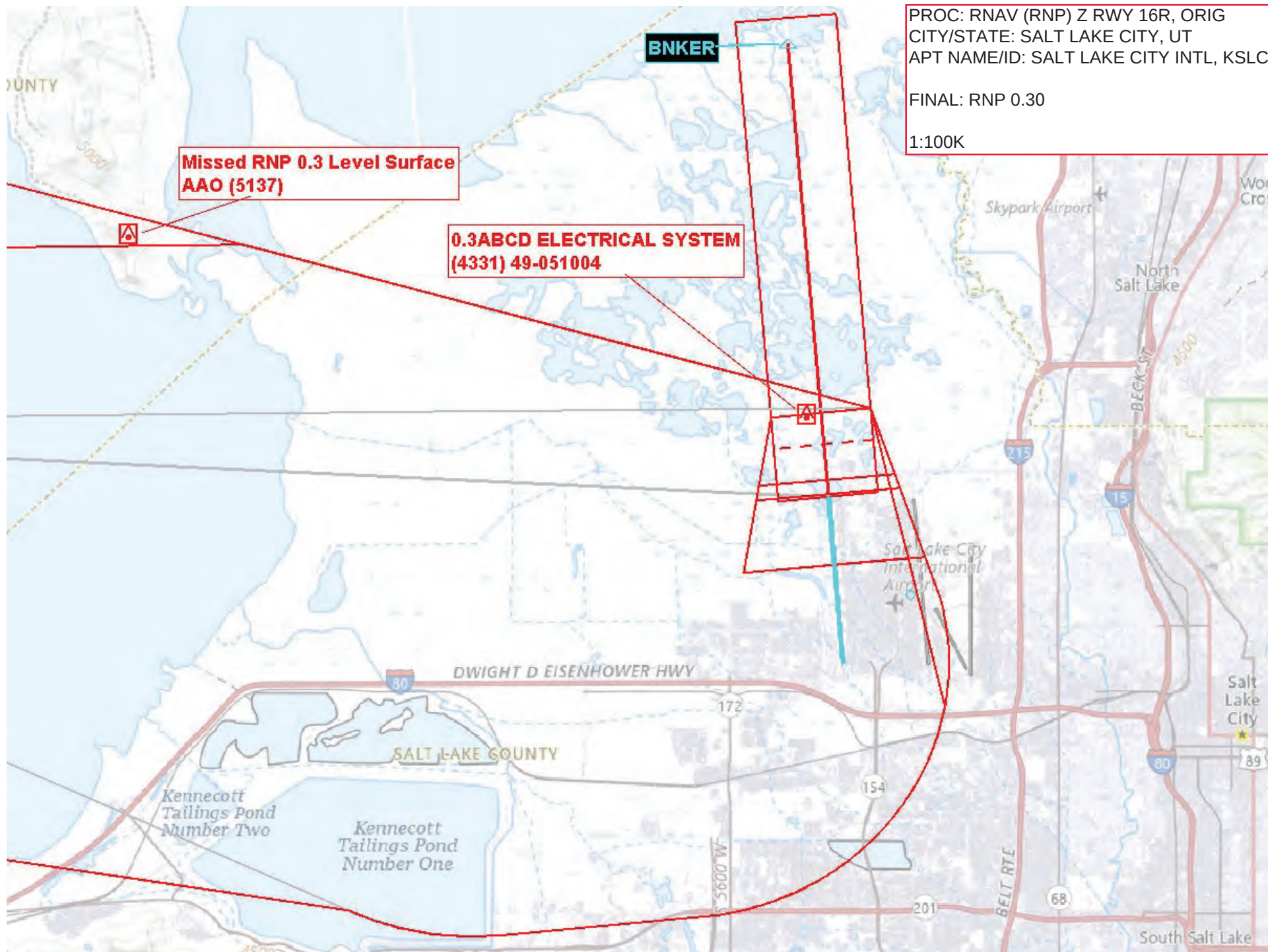
**8. AFS ACTIONS:**

|                                   |                                      |                                       |
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| <input type="checkbox"/> APPROVED | <input type="checkbox"/> DISAPPROVED | <input type="checkbox"/> NOT REQUIRED |
|-----------------------------------|--------------------------------------|---------------------------------------|

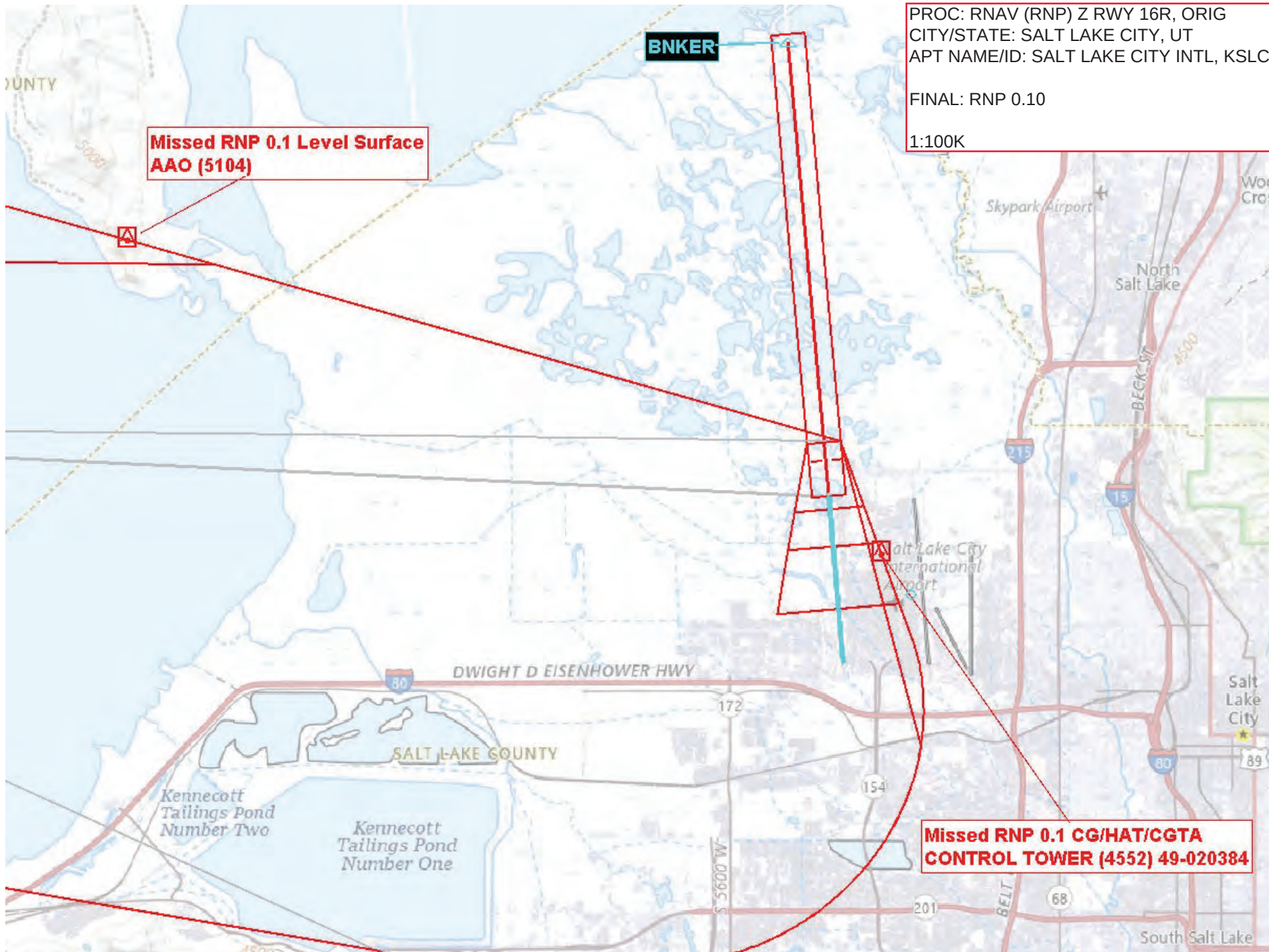
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**ERIC N SUSKI**  
Nov 04, 2024

**COMMENTS:**

| DATE | ROUTING SYMBOL | SIGNATURE |
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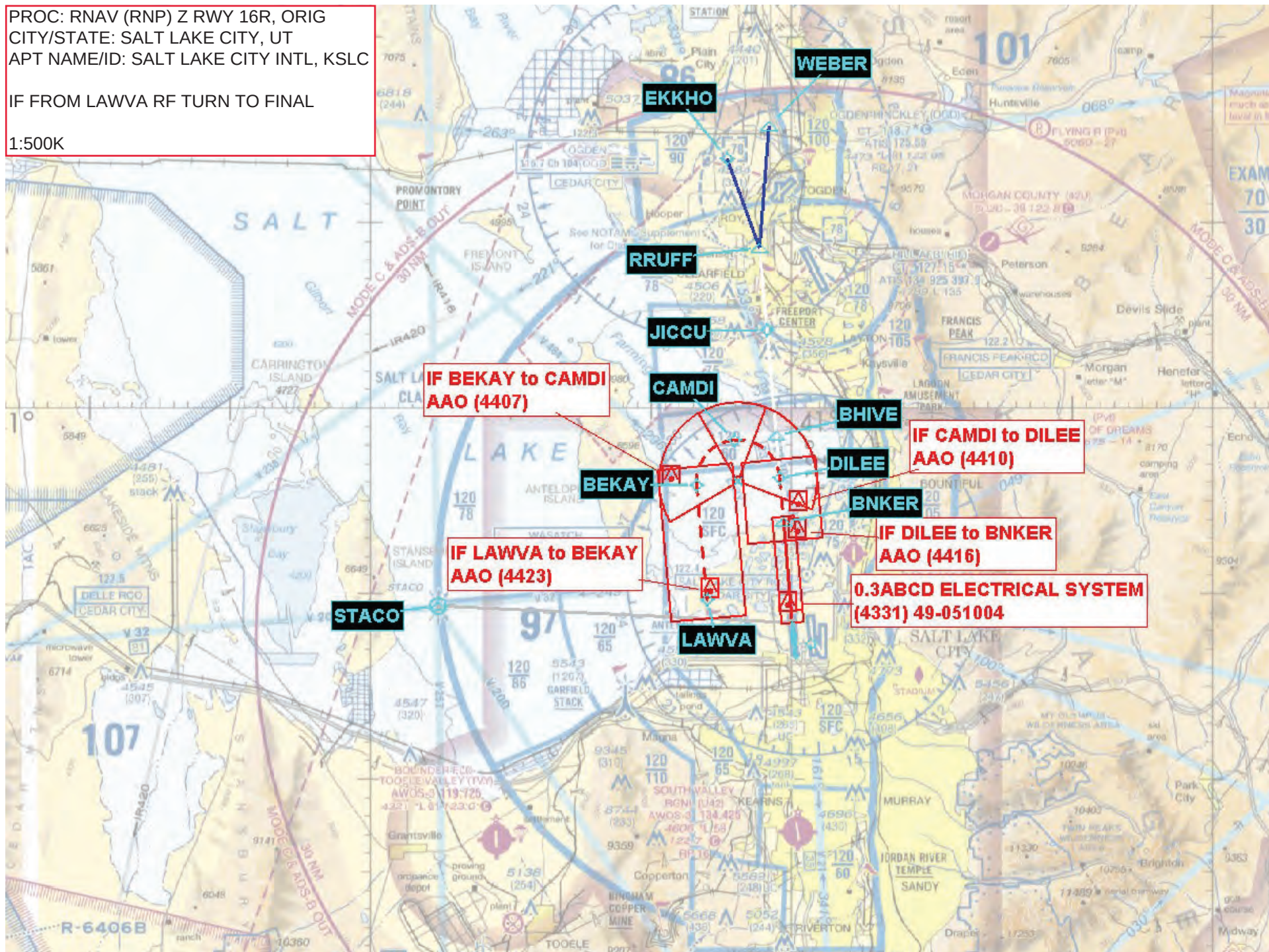




PROC: RNAV (RNP) Z RWY 16R, ORIG  
CITY/STATE: SALT LAKE CITY, UT  
APT NAME/ID: SALT LAKE CITY INTL, KSLC

IF FROM LAWVA RF TURN TO FINAL

1:500K





PROC: RNAV (RNP) Z RWY 16R, ORIG  
CITY/STATE: SALT LAKE CITY, UT  
APT NAME/ID: SALT LAKE CITY INTL, KSLC

IAF FROM EKKHO / WEBER  
MA / MA HOLDING  
1:500K

