

1. FLIGHT PROCEDURE IDENTIFICATION:

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

2. WAIVER REQUIRED AND APPLICABLE STANDARD:

FAAO Order 8260.3E, paragraph 2-5-3d. To permit intermediate segment descent gradients in excess of 318 feet per NM. The segment from LGOON to the PFAF (YYIPP) on the RNAV (RNP) Z RWY 16L have a descent gradient of 318.82 feet per NM.

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

Request to publish the RNAV (RNP) Z RWY 16L using a descent gradient of 318.83 feet per NM from LGOON to the PFAF (YYIPP) 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 7500 FT MSL until 1.50 NM south.

The intermediate segment is using the RNP AR APCH - GPS (minimum RNP 1.0) for the RNP procedure throughout the intermediate segment to the PFAF.

4. EQUIVALENT LEVEL FOR SAFETY PROVIDED:

1. All intermediate segments prior to LGOON meet descent gradient criteria and provide 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 FO 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
02/20/2025	AJV-A431	MANAGER	Eric N Suski

8. AFS ACTIONS:

APPROVED DISAPPROVED NOT REQUIRED

COMMENTS:

DATE	ROUTING SYMBOL	SIGNATURE
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