

FAA ALASKA REGION

MODIFICATION OF AIRPORT STANDARDS

BACKGROUND ANC_2020_14794 (CONDITIONAL)			
Airport ANC	Location (City, State) ANCHORAGE, AK	LOC ID PANC	
Runway			
Affected Taxiway/TDG M, L, E and E2/TDG-6			
Design Aircraft (Each Runway/Taxiway) 747-800			
AIP Grant Number			
Passenger Charge Code (PFC)			
MODIFICATION OF STANDARDS			
AC Number 150/5370-10H	Chapter P-608-R	Paragraph 4-2	Page Num 406
Title of Standard Being Modified (Cite Reference Document) Standard Specifications for Construction of Airports			AC Published Date 2018-12-21
EB Number --			
Title of Airport Engineering Brief			EB Published Date
Category	Materials		
Sub Category	Miscellaneous, P-600's		
1. Standard/Requirement The atmospheric temperature and the pavement surface temperature shall both be at, or above 55°F (14°C) and rising.			
2. Proposed The atmospheric temperature and the pavement surface temperature shall both be at, or above 40°F and rising.			
3. Explain Why Standard Cannot be Met (FAA ORDER 5300.1) The taxiways in this area are very high traffic areas during the June - Aug. To minimize impact to aircraft operations, the seal coating is planned to be conducted in May. ANC cannot reliably count on temperatures to reach 55°F in May. The average ANC high temp for month of May is 55.1°F and the low is 38.9°F (Western Regions Climate Center)			
4. Discuss Viable Alternatives (FAA ORDER 5300.1) Apply the seal coat during the June, July or Aug peak traffic months.			
5. Explain Why the Modification is Necessary to Conform to Local Laws and Regulations (if Applicable) N/A			
6. State Why Modification Would Provide Acceptable Level of Safety, Economy, Durability, and Workmanship (FAA ORDER 5300.1) Contractors have successfully apply seal coat in materials under 55°F. The supplier that the only potential issue with spraying in lower temps normally comes from over application due to an in ability to get the material up to a good spray temperature			

resulting in a slight browning or dusting, however this has not ever shown as being detrimental to the long term protection offered by the seal.

7. Explain any Special Operational Procedures and/or Restrictions Necessary to Accommodate the Modification of Standards

None

SPONSOR

Full Name	Position	Date
Jennifer Carle	Airport Engineer	01/24/2020

REGION

Date of Latest FAA Signed ALP

02/14/2017

Recommendation

Approve

Full Name	Position	Date
Kristi Warden	Acting Div Director	01/28/2020

HEADQUARTERS

Recommendation

Recommend approval

Full Name	Position	Date
Khalil Kodsi	Manager Airport Engineering Division	02/18/2020

POST APPROVAL

Effective Start Date	Post Implementation Complete Date
02/18/2020	

COORDINATION USERS

Date	Name	Coordination level	Concur
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CONDITIONS

Date	Condition	ADO	RO
02/18/2020	Manufacturers representative must be on site to approve application rate and conditions.	Not required	Pat Zettler