

FAA ALASKA REGION

MODIFICATION OF AIRPORT STANDARDS

BACKGROUND ANC_2020_17134 (CONDITIONAL)			
Airport ANC	Location (City, State) ANCHORAGE, AK	LOC ID PANC	
Runway			
Affected Taxiway/TDG			
Design Aircraft (Each Runway/Taxiway)		N/A, Applies to all ADOT airports, Statewide	
AIP Grant Number			
Passenger Charge Code (PFC)			
MODIFICATION OF STANDARDS			
AC Number 150/5370-10H	Chapter Part 5	Paragraph All	Page Num
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	Other		
1. Standard/Requirement None, no FAA Spec for Foamed Asphalt Stabilized Base Course			
2. Proposed P-318 Foamed Asphalt Stabilized Base Course Updated Statewide MOS			
3. Explain Why Standard Cannot be Met (FAA ORDER 5300.1) There is no FAA standard for foamed asphalt stabilized base course. The specification requirements are based on accepted engineering principles to provide a durable product to meet its intended purpose. See attached spreadsheet for changes made. This supersedes ANC_2018_05674 and renames from P-310 to P-318.			
4. Discuss Viable Alternatives (FAA ORDER 5300.1) None			
5. Explain Why the Modification is Necessary to Conform to Local Laws and Regulations (if Applicable) Not applicable			
6. State Why Modification Would Provide Acceptable Level of Safety, Economy, Durability, and Workmanship (FAA ORDER 5300.1) In the absence of an FAA standard for this element, this specification provides a standard for the material and construction requirements for foamed asphalt stabilized base course. The specification requirements are based on accepted engineering principles to provide a durable product to meet its intended purpose.			
7. Explain any Special Operational Procedures and/or Restrictions Necessary to Accommodate the Modification of Standards			

None			
SPONSOR			
Full Name Jenelle Brinkman	Position Project Manager	Date 04/28/2020	
REGION			
Date of Latest FAA Signed ALP 02/14/2017			
Recommendation Approval			
Full Name Kristi Warden	Position Acting Div Director	Date 05/03/2020	
HEADQUARTERS			
Recommendation			
Full Name	Position	Date	
POST APPROVAL			
Effective Start Date 05/03/2020		Post Implementation Complete Date	
COORDINATION USERS			
Date	Name	Coordination level	Concur
CONDITIONS			
Date	Condition	ADO	RO
04/29/2020	For each project used; the Geotech needs to establish strength of this material and supporting layers below; and a FAARFIELD design with design life of 20 years is required, with maximum User Defined (P-310) modulus of 100,000 psi.	Not required	Not required
04/29/2020	On each project this specification is used, document aggregate characteristics, aircraft use, test results for modulus when performed, and any other data into a database (i.e. simple excel worksheets) which will assist to validate modulus consistently exceeds 100,000 psi in varying conditions and design, and the specified requirements provide a base course which performs satisfactory for an acceptable time.	Not required	Not required
04/29/2020	Use of ITEM P-310 is approved for use on airports/pavements serving airplanes (ie critical aircraft) 60,000 lbs or less.	Not required	Not required