U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION AIRPORT IMPROVEMENT PROGRAM

MODIFICATION OF AIRPORT DESIGN STANDARDS

2013- AAL-303-NRA

	BACKGROUND	
1. AIRPORT: All Airports in Alaska	2. LOCATION(CITY,STATE): Alaska	3. LOC ID:
4. EFFECTED RUNWAY/TAXIWAY: All Paved Runways and Taxiways	5. APPROACH (EACH RUNWAY): □ PIR □ NPI xx□xx VISUAL 6. AIRPORT REF. CODE (ARC): Any	
7. DESIGN AIRCRAFT (EACH RUNWAY)	TAXIWAY): Any	
N	IODIFICATION OF STAN	IDARDS
8. TITLE OF STANDARD BEING MODIFI Airport Design AC150/530	ED (CITE REFERENCE DOCUMENT):	
9. STANDARD/REQUIREMENT: Notes 1 and 2 on Figure 3-	-23. Transverse grade limita	tions.
Note 1. CONSTRUCTION OF A 1 SURFACES IS RECOMMENDED).	ecommendation: ROP BETWEEN PAVED AND UNPAVED SURFACE ADJACENT TO THE PAVED
There is potential for pavement Operators often use the pavement 1.5" drop increases the probabi safety area near the pavement of Note 2: Maintaining several grad Grading equipment blades are to beyond the current 10 foot limit slope adjacent to the pavement compliance issues the in the sa Current standard for both notes AC and provided flexibility bases.	ge drop can be difficult for mainto edge drop damage during grading ent edge to "line up" for grading lity that maintenance operations edge can result in compliance vio des within the safety area is not o ypically 12 feet wide, resulting in . During snow removal operation , movement of material between fety area.	desirable under certain circumstances. the potential for compliance issues is, if the operator is unaware of 5% the two grades can occur resulting in ons in the last version of Airport Design
12. DISCUSS VIABLE ALTERNATIVES (F Removing the notes completely local conditions warranty their u	would remove the flexibility of a	pplying the notes at airports where
WORKMANSHIP (FAA ORDER 5300.1F): case by case evaluation based of implement one or both of these transverse grade allowance und impact safety to air operations of operations required in support of experience due to soils and performance of the case of the ca	on input from the airport manage notes based on site conditions. Her the previous version of the AG or workmanship of the developm of snow removal and the differen	ne notes to a recommendation allows a ser and gives the designer flexibility to Based upon history utilizing the C, making the requested change will not ent. Given the large amount of grading tial ground movement that we inuing with this transverse grade

ATTACH ADDITIONAL SHEETS AS NECESSARY - INCLUDE SKETCH/PLAN

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MODIFICATION:	LOCATION:	PAGE 2 OF 2
Notes 1 and 2 on Figure 3-23 of AC 150/5300-13A.	Alaska	
14. SIGNATURE OF ORIGINATOR:	15. ORIGINATOR'S ORGANIZATION:	16. TELEPHONE:
Win	DOT&PF	907-269-0619
WOLFGERS TURE C. P.E. CRAUPES CHE		
17. DATE OF LATEST FAA'SIGNED ALP:		
N/A		
18. ADO RECOMMENDATION: /	19. SIGNATURE:	, 20. DATE:
Concur agy roposed	19. SIGNATURE: AAL-62	7/2 /12
	0,0	7/30/13
21. FAA DIVISIONAL REVIEW (ATO, FS)	1 1 0110	3 444 3
See attached	review comments ASN: 20	13-AAL-303-NRA
ROUTING SYMBOL SIG	NATURE DATE CONCUR	NON-CONCUR
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HAL 6/3 1	1/34/3 /	
AAL-604 10001	Walto 7-30-13 TGW	
an in Oa	(2i 8/5/13 PLO	
HAL 612	015/15 120	
COMMENTS:		
22. AIRPORTS' DIVISION ACTION:		
Concur as proposed.		
,		
DATE: / SIGNATUR	E: TITLE:	
8/5/2013 Jan 6	6). Depote M	grazer AAL-600
23. AAS-100 FINAL ACTION:	19. SIGNATURE:	20. DATE!
N/A		
N/A		
	'	
MUNCONDITIONAL	CONDITIONAL D	ISAPPROVAL
APPROVAL	APPROVAL	
CONDITIONS:		

AC 150/5300-13A

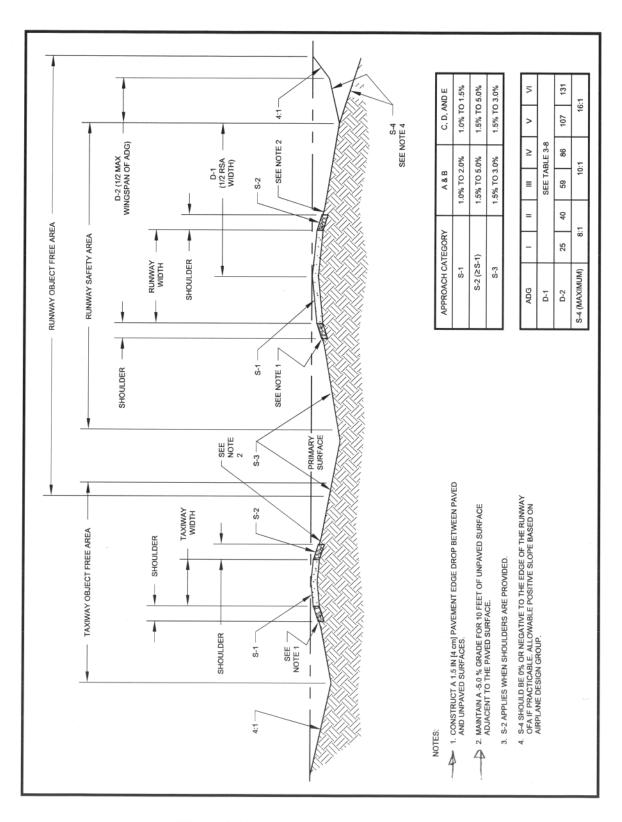


Figure 3-23. Transverse grade limitations