



**FAA
Airports**

Errata Sheet for Advisory Circular (AC) 150/5320-6F, Airport Pavement Design and Evaluation

Last Update: 9/20/2017

This errata sheet logs content errors and required updates identified after the Advisory Circular was signed on November 10, 2016. These errors have been corrected in the consolidated PDF version of the AC available on the FAA website.

#	Description of Correction	Location in Document	Rationale	Date Error Corrected
1	Changes formula from $E \text{ (psi)} = 20.15 \times K^{1.284} \text{ (k in pci)}$ to $E \text{ (psi)} = 20.15 \times K^{1.284} \text{ (k in pci)}$.	Par. 2.5.4	In the formula, 1.284 should have been shown as an exponent.	2/27/2017
2	Replace the phrase "structural capacity may be based on data as reported on FAA Form 5100-1, Airport Pavement Design (Appendix B), and the as-built sections" with "information may be based on data as shown on the as-built sections for the most recent project".	Par. 5.2.4.1	Removes reference to Form 5100-1, which is being cancelled.	5/24/2017
3	Update last sentence of paragraph to read "FAARFIELD uses LEAF to compute interior stress and takes the larger of 95% of the interior or 3D-FEM computed edge stress (reduced by 25 percent) as the	Par. 3.14.1.3	Inserts correction, previously omitted, to reduce the maximum LEAF stress by 5% when determining the design stress, which has been corrected in FAARFIELD version 1.42. This only affects rigid	9/20/2017

	design stress.”		designs where the LEAF (center slab) stress (a) is greater than 75% of the free edge stress, and (b) actually controls the slab thickness design because of its high contribution to CDF.	
	Update last sentence of paragraph to read “FAARFIELD uses LEAF to compute interior stress and takes the larger of 95% of the interior or 3D-FEM computed edge stress (reduced by 25 percent accounting for load transfer) as the design stress.”	Par. 3.14.6.1	Inserts correction, previously omitted, to reduce the maximum LEAF stress by 5% when determining the design stress, which has been corrected in FAARFIELD version 1.42. This only affects rigid designs where the LEAF (center slab) stress (a) is greater than 75% of the free edge stress, and (b) actually controls the slab thickness design because of its high contribution to CDF.	9/20/2017