



# Federal Aviation Administration

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## Memorandum

**Date:** December 14, 2015

**To:** Al Spence,  
Directive Program Manager, Office of IT Enterprise Services, AES-200

**From:** Colleen M. D'Alessandro,  
Directorate Manager, Engine and Propeller Directorate, ANE-100

**Prepared by:** Robert J. Ganley,  
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**Subject:** AC 33-4 Cancellation

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### Purpose

This memorandum requests cancellation of AC 33-4, titled "*Design Considerations Concerning the Use of Titanium in Aircraft Turbine Engines*," issued July 28, 1983. Information in AC 33-4 was intended to help minimize the probability of internal fires in titanium-containing aircraft turbine engines. This information is currently included in AC 33.17-1A, titled "*Fire Protection*," issued August 3, 2009.

If you have any questions regarding this request, please contact Mark Bouyer, at (718) 238-7755.

A handwritten signature in black ink, appearing to read "CD", is positioned above the typed name of the signatory.

Colleen M. D'Alessandro,  
Directorate Manager, Engine and Propeller Directorate,  
Aircraft Certification Service