

DEPARTMENT OF TRANSPORTATION**Federal Aviation Administration****Proposed Advisory Circular;
Compliance Criteria for 14 CFR 33.28,
Aircraft Engines, Electrical and
Electronic Engine Control Systems**

AGENCY: Federal Aviation Administration, DOT.

ACTION: Notice of availability of proposed advisory circular and request for comments.

SUMMARY: This notice announces the availability of proposed Advisory Circular (AC) No. 33.28-1, Compliance Criteria for 14 CFR 33.28, Aircraft Engines, Electrical and Electronic Engine Control Systems.

DATES: Comments must be received on or before April 25, 2000.

ADDRESSES: Send all comments on the proposed AC to the Federal Aviation Administration, Attn: Engine and Propeller Standards Staff, ANE-110, Engine and Propeller Directorate, Aircraft Certification Service, 12 New England Executive Park, Burlington, MA 01803-5299.

FOR FURTHER INFORMATION CONTACT: Cosimo Bosco, Engine and Propeller Standards Staff, ANE-110, at the above address, telephone (781) 238-7118, fax (781) 238-7199.

SUPPLEMENTARY INFORMATION:**Comments Invited**

A copy of the subject Act may be obtained by contacting the person named above under **FOR FURTHER INFORMATION CONTACT**. Interested persons are invited to comment on the proposed AC and to submit such written data, views, or arguments as they desire. Commenters must identify the subject of the AC and submit comments in duplicate to the address specified above. All communications received on or before the closing date for comments will be considered by the Engine and Propeller Directorate, Aircraft Certification Service, before issuance of the final AC.

Background

This proposed AC provides guidance material for methods of complying with § 33.28, Electrical and Electronic Control (EEC) Systems. Initially, EEC technology was primarily applied to engines designed for large transport aircraft applications; the certification practice and implementation of § 33.28 was oriented toward these applications. When the use of EEC technology was limited to a small group of manufacturers, the information and

guidance provided in the rule itself was adequate. However, with the proliferation of EEC controls, the need for additional advisory material has become evident in several recent engine certification programs. Additionally, industry representatives that design engines for applications other than large transport aircraft certificated under part 25 have questioned the criteria used to determine equivalence to the typical hydromechanical systems.

(Authority: 49 U.S.C. 106(g), 40113, 44701-44702, 44704.)

Issued in Burlington, Massachusetts, on January 14, 2000.

David A. Downey,

Assistant Manager, Engine and Propeller Directorate, Aircraft Certification Service.

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DEPARTMENT OF TRANSPORTATION**Federal Aviation Administration****Receipt of Noise Compatibility
Program and Request for Review,
Chandler Municipal Airport, Chandler,
Arizona**

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice.

SUMMARY: The FAA announces that it is reviewing a proposed Noise Compatibility Program submitted by the city of Chandler for the Chandler Municipal Airport (CHD), Chandler, Arizona under the provisions of Title I of the Safety and Noise Abatement Act of 1979 (Public Law 96-193) (hereinafter referred to as "the Act") and 14 CFR Part 150. This program was submitted subsequent to a determination by the FAA that associated Noise Exposure Maps submitted under 14 CFR Part 150 were in compliance with applicable requirements effective June 24, 1999. The proposed Noise Compatibility Program will be approved or disapproved on or before July 11, 2000. **EFFECTIVE DATE:** The effective date of the start of the FAA's review of the Noise Compatibility Program is January 13, 2000. The public comment period ends March 13, 2000.

FOR FURTHER INFORMATION CONTACT: Brian Armstrong, Airport Planner, Airports Division, AWP-611.1, Federal Aviation Administration, Western-Pacific Region. Mailing address: P.O. Box 92007 World Way Postal Center, Los Angeles, CA, 90009-2007. Telephone Number (310) 725-3614. Comments on the proposed Noise

Compatibility Program should also be submitted to the above office.

SUPPLEMENTARY INFORMATION: This notice announces that the FAA is reviewing a proposed Noise Compatibility Program for Chandler Municipal Airport which will be approved or disapproved on or before July 11, 2000. This notice also announces the availability of this program for public review and comment.

An airport operator who has submitted Noise Exposure Maps that are found by the FAA to be in compliance with the requirements of 14 CFR Part 150, promulgated pursuant to Title I of the Act, may submit a Noise Compatibility Program for FAA approval which sets forth the measures the operator has taken or proposes for the reduction of existing noncompatible uses and for the prevention of the introduction of additional noncompatible uses.

The FAA has formally received the Noise Compatibility Program for Chandler Municipal Airport, effective on January 13, 2000. It is requested that the FAA review this material and that the noise mitigation measures, to be implemented jointly by the airport and surrounding communities, be approved as a Noise Compatibility Program under Section 104(b) of the Act. Preliminary review of the submitted material indicates that it conforms to the requirements for the submittal of Noise Compatibility Programs, but that further review will be necessary prior to approval or disapproval of the program. The formal review period, limited by law to a minimum of 180 days, will be completed on or before July 11, 2000.

The FAA's detailed evaluation will be conducted under the provisions of 14 CFR Part 150, Section 150.33. The primary considerations in the evaluation process are whether the proposed measures reduce the level of aviation safety, create an undue burden on interstate or foreign commerce, or are reasonably consistent with obtaining the goal of reducing existing noncompatible land uses and preventing the introduction of additional noncompatible land uses.

Interested persons are invited to comment on the proposed program with specific reference to these factors. All comments, other than those properly addressed to local land use authorities, will be considered by the FAA to the extent practicable.

Copies of the Noise Exposure Maps, the FAA's evaluation of the maps, and the proposed Noise Compatibility Program are available for examination at the following locations: