



U.S. Department
of Transportation
**Federal Aviation
Administration**

Advisory Circular

Subject: AIRCRAFT FUEL STORAGE,
HANDLING, AND DISPENSING ON
AIRPORTS

Date: 6-18-04

AC No: 150/5230-4A

Initiated by: AAS-300 **Change:**

1. PURPOSE OF THIS ADVISORY CIRCULAR (AC).

This AC identifies standards and procedures for storage, handling, and dispensing of aviation fuel on airports.

2. WHAT THIS AC CANCELS.

This AC cancels AC 150/5230-4, *Aircraft Fuel Storage, Handling, and Dispensing on Airports*, dated August 27, 1982.

3. APPLICATION OF THIS AC.

The Federal Aviation Administration (FAA) recommends the standards and procedures referenced herein for all airports. The FAA Administrator accepts them as one means of complying with 14 Code of Federal Regulations (CFR), Part 139, Certification of Airports, as it pertains to fire safety in the safe storage, handling, and dispensing of fuels used in aircraft on airports but not in terms of quality control. Although noncertificated airports are not required to develop fuel safety standards, the FAA recommends that these airports develop such standards.

4. WHAT THIS AC AFFECTS.

The FAA does not intend this AC to replace airport procedures that are tailored to meet requirements imposed because of the use of special equipment or as a result of local regulations.

5. STANDARDS AND PROCEDURES FOR FUEL STORAGE, HANDLING, AND DISPENSING.

The most recent edition of National Fire Prevention Association (NFPA) 407, *Standard for Aircraft Fuel Servicing*, lists specifications for the design, operation, maintenance, location of fuel storage areas, and aircraft fueling devices.

This document can be ordered from—

National Fire Protection Association
1 Batterymarch Park
PO Box 9101
Quincy, MA 02269-9101
1-800-344-3555 (telephone)
<http://www.nfpa.org/catalog/>

6. REFUELING AND QUALITY CONTROL PROCEDURES.

The most recent version of the National Air Transportation Association (NATA) publication *Refueling and Quality Control Procedures for Airport Service and Support Operations* provides information about fuel safety, types of aviation fuels, fueling vehicle safety, facility inspection procedures, fueling procedures, and methods for handling fuel spills.

This document can be ordered from—

National Air Transportation Association
4226 King Street
Alexandria, VA 22302
1-800-808-6282
<http://www.nata.aero>

Additional publications addressing refueling and facility specifications are available through the American Petroleum Institute (API).

These documents can be ordered from—

American Petroleum Institute
1220 L Street, NW
Washington, DC 20005
(202) 682-8375
<http://www.api.org>

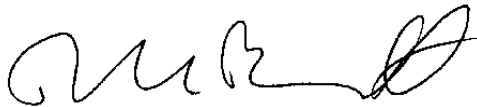
7. LINE SUPERVISORY TRAINING PROGRAMS.

At Part 139 certificated airports, at least one supervisor with each fueling agent must complete a training course in fuel safety training programs acceptable to the Administrator that fulfills the requirements of 14 CFR Part 139, Section 321(e)(1).

a. Nationally approved programs can be found in the most recent CERTALERT addressing this topic. The FAA makes CERTALERTS available online at **<http://www.faa.gov/arp/certification/>**.

b. Regional training curriculums for fueling agent supervisors can be approved if used exclusively at individual airports.

c. At airports not certificated under 14 CFR Part 139, fuel safety training programs should be developed.



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