

CERTALERT

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FOR INFORMATION, CONTACT CERTIFICATION BRANCH, AAS-310 267.3085

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NO. 98-04

TO: Airport Certification Safety Inspectors

TOPIC: Aircraft Familiarization Charts

One of the requirements of 14 CFR part 139. 319 (j)(2) is that all rescue and fire fighting personnel are trained to perform their duties in a manner acceptable to the Administrator. The regulation goes on to list 11 different areas of required training, including aircraft familiarization. There are several different aircraft familiarization charts and computer programs on the market. As we are made aware of these products we will revise this CERTALERT periodically. The FAA does not endorse any of these products nor do we vouch for their completeness or accuracy. In most cases an aircraft manufacturer can supply aircraft schematics.

The aircraft familiarization charts contained in this document are intended to be used by aircraft emergency response services. The charts provide essential information needed to assess accurately the nature of special situations while performing aircraft rescue and firefighting (ARFF) services. An understanding of the operation of all doors and exit hatches from both the exterior and interior of the aircraft is essential in order to access injured occupants early in the rescue effort. Knowledge of the locations of forcible entry points, batteries, fuel tanks, oil tanks, and hydraulic lines, as well as the operation of escape chutes, is also very important for both the firefighting effort and the rescue operation following an aircraft mishap.

The following training material is available for use by ARFF crews to meet the requirements of Section 139.319(j):

1. National Fire Protection Association (NFPA) Aircraft Familiarization Charts Manual
NFPA, 1 Batterymarch Park, P.O. Box 9101
Quincy, MA 02269-9101
For price and ordering information, call (800) 344-3555.
2. ACI-NA Aircraft Rescue and Fire Fighting Aircraft Familiarization Training Manual
Public affairs /ACI-NA
1775 K Street, NW, Suite 500
Washington, DC 20006
(202) 293-8500
(202) 231-1362 (Fax)

3. Aircraft Crash Recovery Guide
Sandpiper Group
1197 West 500 South,
P.O. Box 870221
Woods Cross, UT 84087
(801) 292-6511
(801) 298-0672 (Fax)

4. Aircraft Systems Alert Program (ASAP) Solutions
Galaxy Aviation Corporation
2082 SE Bristol Ave, # 210
Newport Beach, CA 92660-1740
(949) 222-9900
(949) 222-9901(Fax)
(800) 228-3710

5. Aircraft Familiarization and Emergency Response Procedures
OnGuard
(800) 544-3473

O/S by Benedict D. Castellano

10 August 1998

Manager, Airport Safety and Certification Branch

Date