



Fire Control 5: Aircraft Rescue and Fire Fighting (1988)

Course Plan

Course Details

Description:	This course provides students with the methods and techniques necessary for crash fire rescue services at airports. Subjects include using conventional fire and specialized CFR apparatus, CFR extinguishing agents, types of aircraft, standby procedures, aqueous film forming foam, dual agent systems, and operations at crash scenes. The 24-hour class delivery includes a live burn.
Designed For:	All fire service personnel
Authority:	Office of the State Fire Marshal
Prerequisites:	None
Standard:	N/A
Hours:	16 without a live burn or 24 with a live burn
Maximum Class Size:	40
Instructor Level:	Primary instructor
Instructor/Student Ratio:	1 primary instructor per 10 students (Skills Proficiency)
Restrictions:	This course requires a Senior Instructor if the class includes the live burn. This course also requires a site with adequate materials and equipment to deliver the training according to the course outline.
SFT Designation:	FSTEP

Required Resources

Instructor Resources

To teach this course, instructors need:

Required

- Instructor Guide

Student Resources

To participate in this course, students need:

- None

Facilities, Equipment, and Personnel

The following facilities, equipment, or personnel are required to deliver this course:

Facilities

- Standard classroom equipped for 25 students
- Whiteboards or easel pads with appropriate writing implements
- Projector/TV with appropriate laptop connections
- Wifi/Internet access

Time Table

Segment			Total
Identify Organization of an Airport CFR System			0:30
Identify Types of Specialized Tools and Equipment Used for CFR			0:20
Utilizing Conventional Fire Apparatus and Equipment for CFR			0:20
Identify Types of Extinguishing Agents Used for CFR			0:30
Identify Types of Aircraft			0:30
Identify Safety Procedures When Working with Aircraft			0:20
Describe Standby Procedures for Incoming Aircraft with Possible CFR Problems			0:30
Identify Methods of Positioning Apparatus and Personnel at the CFR Scene			1:00
Operate Dry and CO2 Chemical Fire Extinguishers			1:00
Operate Pressurized Water Fire Extinguishers with AFFF Additive			1:00
Operate Dry Chemical and PW with AFFF Extinguishers in Dual Agent Application			1:30
Operate Conventional and Specialized CFR Apparatus			2:00
Use a Refractometer to Verify Proper Foam Delivery			0:30
Position Apparatus for CFR Standby Position			2:00
Position Apparatus at an On-Field Crash Position			2:00
Use Specialized CFR Apparatus to Control an On-Field Crash			4:00
Use Conventional Apparatus to Control an On-Field Crash			4:00
Recharge Specialized CFR Apparatus			0:30
Inspect and Maintain Specialized CFR Apparatus			1:00
Store Airport CFR Apparatus			0:30
Course Totals			24.0

Time Table Key

1. The Time Table documents the amount of time required to deliver the content included in the course plan.

2. The Course Totals do not reflect time for lunch (1 hour) or breaks (10 minutes per each 50 minutes of instruction or assessment). It is the instructor's responsibility to add this time based on the course delivery schedule.
3. Application (activities, skills exercises, and formative testing) time will vary depending on the number of students enrolled and the acquired structure selected for training. The Application time documented is based on the maximum class size identified in the Course Details section.
4. Summative Assessments are determined and scheduled by the authority having jurisdiction. These are not the written or psychomotor State Fire Training certification exams. These are in-class assessments to evaluate student progress and calculate course grades.

Objectives

Course Objectives

1. Information on organizing and equipping an airport CFR service.
2. Information on procedures and techniques for CFR operations.
3. The methods and techniques of utilizing CFR tools and equipment.
4. Proper procedures on the maintenance and storage of CFR tools and equipment.