

Lecture	Skill	Fractional Credit
6	0	0.4

Course Description

This course provides the basic information needed by firefighters to effectively perform the various tasks involved in aircraft fire fighting and rescue. The information is consistent with the recommendations in NFPA 1003 Standard for Professional Qualifications for Airport Fire Fighters. 1987 Edition

Prerequisites:

Corequisite:

Task List

1.	Explain runway and taxiway Designation Systems.
2.	Explain the four levels of protective clothing used in Aircraft Firefighting.
3.	Describe the various aircraft rescue and firefighting apparatus and equipment.
4.	Describe the various specialized extinguishing agents used in aircraft firefighting.
5.	List the various aircraft types, engines and systems.
6.	Describe the various fuel systems and types of fuel used aircraft.
7.	Explain fuel protection system used on all modern aircraft.
8.	Describe the Fire and Rescue Communication Systems used at airports.
9.	List and explain the types of aircraft incidents/accidents.
10.	List the minimum information needed for responding units in aircraft accidents.
11.	List the types of fires that can be expected in aircraft.
12.	Describe the unique hazards encountered in fighting aircraft fires.
13.	Describe the fire fighting tactics required in aircraft incidents.
14.	Describe the particular problem encountered with Hazardous Material on board aircraft.
15.	Describe the personal protective equipment used in responding and mitigating aircraft hazardous material incidents.
16.	Explain the importance of pre-incident planning in aircraft accident/incidents.
17.	List the factors that should be considered in pre-incident planning for aircraft incidents.
18.	Describe the procedures for post-incident operations of aircraft accidents/incidents.
19.	List general safety precautions in an airport fire prevention program.
20.	Explain why training is important for rescue and fire fighting personnel assigned to an airport.
21.	Describe the response to military aircraft accidents/incidents.
22.	Describe the types of military aircraft in use and the emergency systems of military aircraft.

Instructor Equipment List

Projector screen
Chalkboard or Marker board
Overhead projector
Slide projector
TV/VCR

Old FRT Number: 140 / FRT 108