Aircraft Rescue & Firefighting (ARFF)

ARFF For Non-Commercial Aircraft / ARFF For Structural Firefighters

This class is especially designed to prepare structural firefighters to respond to emergencies involving general aviation (non-commercial) aircraft, using standard structural fire fighting equipment.

**When:** October 21-22, 2006
Time: 0800-1700

**Sponsored By:** South Lane County Fire & Rescue and South Willamette Fire Training Association (SWFTA)

**Where:** South Lane County Fire & Rescue Station 1
233 Harrison, Cottage Grove

**Instructor:** Paul Reynolds

**Cost:** $25.00

**Registration:** Call Cheryl, (541) 935-2226
Lane County FD No. 1
By Friday, October 13, 2006
Class Details

Course: Aircraft Rescue and Fire Fighting (ARFF) for Non-Commercial Aircraft / ARFF for Structural Firefighters

According to National Transportation Safety Board statistics, each year in Oregon an average of 16 people are killed in aircraft crashes – almost all in light aircraft. Nearly 95% of these incidents occur off airport property or on/near smaller airfields across the state; requiring structural firefighters to respond.

Course Objective: This course is designed to prepare structural firefighters to respond to aircraft emergencies, using structural fire fighting equipment. Special emphasis is on the proper use of class B fire fighting foam streams, the use of aircraft pre-fire/rescue plans and modified ARFF (Aircraft Rescue and Fire Fighting) techniques.

Certification: The foam segment of this course meets the foam training requirement for NFPA Firefighter II and NFPA Apparatus Operator. This course DOES NOT meet FAA training requirements for Airport Firefighter certification.

About the Instructor: Lead instructor - Paul Reynolds. Paul is the director of the Public Safety Training and Education Department at Southwestern Oregon Community College. Paul has over 27 years ARFF experience.

Topics:

- Characteristics of Small Airports – Students will learn airport information that is necessary for safe and effective operations, and how to gather information about their own airports.

- Aircraft Types, Features & Rescue Procedures – Emphasis will be placed on a variety of non-commercial type aircraft (single/twin engine prop, smaller corporate jets, helicopters, military aircraft, etc.). Students will be shown how to acquire aircraft pre-fire plans & how to use them.

- ARFF Safety – Special attention paid to liquid fuel fires and other safety considerations in and around aircraft (rotors, propellers, wheels, explosive systems, HAZMAT, etc.).

- Adapting Structural Equipment for ARFF Emergencies – Emphasis will be placed on use of class B foam (class B training foam will be used during demonstrations).

- Aircraft Emergencies - Students will examine a variety of typical/unusual aircraft incidents. A number of table top exercises will be conducted.

- ARFF Protocols/Strategy & Tactics – Students will be shown how to use modified structural procedures for rescue and fire fighting operations on aircraft. Sample SOGs will be provided.

- ARFF drills – Students will participate in simulated “crash” drills. Students will need to bring turnouts (no SCBAs) to participate in drills.
ABOUT THE INSTRUCTOR & THE COURSES:

Paul Reynolds is a 31 year veteran of the fire service. Currently he is the director of the Emergency Services Training department at Southwestern Oregon Community College in Coos Bay. He is also the Assistant Chief of Training & EMT for Sumner FD in Coos County.

Paul’s ARFF experience includes 20 years as a United States Air Force airport firefighter. He rose through the ranks and held the position of fire chief at two fire departments while in the USAF. For several years Paul was also the senior ARFF volunteer at North Bend FD in Coos County, training numerous volunteers to assist the career staff in ARFF operations at the North Bend airport.

Paul initially developed his *ARFF For Structural Firefighters* course in 1996 to meet the training requirements for Oregon Firefighter II certification. He has taught his class at dozens of fire departments across the state, for community college fire science programs, the OFIA and at several OVFA conferences.

NOTE: With the Oregon’s adoption in 2000 of NFPA certification standards, Paul’s *ARFF For Structural Firefighters* course no longer meets any DPSST aircraft certification training requirements. Also, this course does not meet the FAA training requirement for airport firefighters @ commercial airports (Portland, Eugene, etc.) However, the foam training component of the 16 hour course will meet the NFPA Firefighter II and NFPA Apparatus Operator training requirement for Class B foam.

CONTACT: If you have questions about this course, Paul can be reached at:

preynolds@socc.edu

1-800-962-2838, ext 7296 (Mon – Fri) 7:30 AM – 4PM