

**JEFFERSON COUNTY FIRE DISTRICT #1
STANDARD OPERATING GUIDELINES**

SOG 310

AIRCRAFT RESCUE FIREFIGHTING

I. PURPOSE

A. To define the appropriate guidelines for aircraft rescue and/or firefighting.

II. SCOPE

A. This guideline outlines the procedures to follow when working around an aircraft involved in a fire. These standards apply to all personnel of the District.

III. AUTHORITY AND RESPONSIBILITY

A. It will be the responsibility of the Chief and the Officers to insure that these guidelines are followed.

IV. STANDARDS

A. Size-up/assessment of conditions

1. Size, type and condition of plane, plus exposures.
2. Madras Airport Locations - access, fuel stores, water supply.
3. Condition and estimated number of occupants - survivors and/or casualties. Implement the MCI Plan.
4. Request resources as needed - EMS, HazMat, rescue, foam.

B. Safety considerations and checklist

1. When approaching aircraft, consider weaponry (for and aft), potential contents, wind direction, and terrain slope. Fighter Jets - canopy ejection system (from side/never over top).
2. Do not approach helicopters until all parts stop moving.
3. Note fuel tank location. Usually found in the wings or belly of an aircraft.
4. Assist survivors leaving the aircraft on their own power.
5. Do not obstruct openings that are being used for self-rescue.
6. Make rescue attempts through doors, window exits, or existing breaks in the fuselage before forcing entry.
7. Bodies, or portions of, should be left in place and marked.

C. Aircraft Fire

1. Use AFFF to protect occupants of aircraft, extinguish fuel fires, and cover unburned fuel.
2. Avoid breaking foam blanket when operating nozzles.

D. Interior Fires

1. Use structure firefighting techniques in large frame aircraft fires.
2. AFFF handlines should be used for the interior attack.
3. An AFFF back-up line will be manned prior to any interior attack.
4. Back-up AFFF capable engines will be on location to protect firefighting crews.

E. Wheel or Tire Fire

1. Approach from a 45 degree angle only, not from the side.
2. If you can see the metal rims, you may be in danger.
3. Magnesium wheels are common.

F. No Fire

1. Use AFFF to cover spilled fuel and protect aircraft occupants.
2. Assist or rescue occupants as required.
3. Shut down fuel and air systems before main electrical.

G. Mutual Aid Guidelines for Redmond Airport

1. Respond to Redmond Airport with requested apparatus and a full compliment of AFFF.
2. If a location is not designated, respond to the Airport Flight Tower gate, next to Redmond Fire Station #403.
3. All mutual aid apparatus must be escorted onto aircraft restricted premises.

APPROVED:

DATE 9-12-07

Earl Cordes
Fire Chief