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Safety

**FIRE FIGHTING IN AIRCRAFT
MAINTENANCE WORK AREAS**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This instruction implements Air Force Policy Directive (AFPD) 91-2, *Safety Programs*. It establishes procedures for maintenance concerning fire fighting. These procedures apply to all personnel assigned to the 442d Logistics Group and the 442d Operations Group. Supervisors, superintendents and flight chiefs are responsible for ensuring compliance with this instruction.

SUMMARY OF REVISIONS

This revision changes the publication from a Logistics Group Operating Instruction to a Fighter Wing Instruction because of cross-sectional references. It includes the Egress Shop and Hangar Bays (paragraph 2.1); updates building numbers to reflect changes (paragraphs 2.5 and 3.4.3). A (I) indicates revisions from the previous edition.

1. Responsibilities: Workcenter supervisors will:

- 1.1. Establish explosive limits as authorized by Air Force Manual 91-201, *Explosive Safety Standards*.
- 1.2. Establish personnel limits (minimum) required to accomplish fire fighting efforts which would attempt to contain a fire in its early stages.
- 1.3. Ensure adequate fire extinguishers are available as required by the operation.
- 1.4. Ensure “No Smoking” is enforced at or near the explosive operation.
- 1.5. Trash receptacles will be emptied at least daily.
- 1.6. Notify the fire department, as required when fire symbols and hazard symbol codes change in explosive areas.
- 1.7. Ensure personnel are aware of fire fighting withdrawal times and distances.

2. Location of Operations:

- 2.1. Bldg 1117, Survival Equipment Shop/Egress Shop/Hangar Bays.
- 2.2. Bldg 46, Life Support Shop.
- 2.3. Bldg 1118, Armament Shop/Weapons Loading Shop.
- 2.4. Bldg 1141, Munitions Build-Up Facility.
- 2.5. Bldgs 1142 and 1143, Munitions Storage Facilities.
- 2.6. Hangars, Bldgs 1117 and 1118.
- 2.7. Flightline.
- 2.8. End of Runway.

3. Fire Fighting . If a fire occurs in any of the above locations, the following procedures apply:

- 3.1. Immediately dispatch an individual to notify the fire department using the nearest alarm box, telephone (911) or mobile radio.
- 3.2. If a fire has not enveloped the munitions, it may be fought with the available resources. If munitions are fire symbol 1, do not fight fire unless rescue attempt is planned.
- 3.3. If possible, evacuate the munitions and equipment not involved in the fire, to a safe distance.
- 3.4. When the fire cannot be controlled or the munitions are engulfed in flames, evacuate personnel to the following safe distances:
 - 3.4.1. Bldg 1117 – 300 feet.
 - 3.4.2. Bldg 1118 – 300 feet.
 - 3.4.3. Bldg 1141 – 4000 feet.
 - 3.4.4. Bldgs 1142 and 1143 – 4000 feet.
 - 3.4.5. Hangars 1117/1118 – 300 feet.
 - 3.4.6. Flightline – 600 feet.
- 3.5. Record the time the flame envelopes the munitions.
- 3.6. Appoint an individual to brief the fire department personnel upon arrival:
 - 3.6.1. Type, class and hazard of the munitions involved.
 - 3.6.2. The time that munitions were enveloped in flames.
- 3.7. Notify Maintenance Operations of the situation at the earliest opportunity.

CHARLES E. STENNER, JR., Colonel, USAFR
Commander

Attachment 1

GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION

References

AFPD 91-2--Safety Programs

AFM 91-201--Explosive Safety Standards

AFI 32-2001--The Fire Protection Operations and Fire Prevention Program

T.O. 11A-1-46--Fire Fighting Guidance Transportation and Storage