



**SAFETY**

**EMERGENCY RESPONSE PLAN  
AND PROCEDURES FUEL TANK/CELL**

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

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This instruction implements AFD 91-2, *Safety Programs*, and establishes an Emergency Response Plan and the procedures followed in the event maintenance personnel are incapable of self-rescue from a fuel/tank cell. It gives a brief description of procedures taken by all personnel and agencies involved. It references AFI 91-202, *US Air Force Mishap Prevention Program*. Complete procedures and foreseeable rescue situations are listed in the *Emergency Response Plan and Procedures Training Plan* and approved by the Base Fire Department, 926th Fighter Wing Safety Office, 926th Fighter Wing Bioenvironmental Engineering office and 926th Medical Squadron.

**SUMMARY OF REVISION.** This revision changes series number; updates language and format; adds new procedure to paragraph 2.2. An \* indicates revision from last edition.

**1. Policy.** The Emergency Response Plan identifies the rescue team and defines individual responsibilities. The primary responsibility to provide rescue is with the rescue team. Base and local emergency response agencies provide emergency medical care and assist removal not otherwise possible by team members. The team, attendant and runner, consists of qualified maintenance personnel. At no time will a rescue attempt be made (entering tank/cell) until readings are below ten percent (lower explosive limits), and above 16 percent oxygen level. All toxicity readings must be below their specific IDLH limit.

**2. Responsibilities:**

**2.1. Entrants.** Enter fuel tank/cell to perform purging, foam removal and replacement, depuddling, major and minor repairs, Time Compliance Technical Orders (TCTOs) and other required inspections.

**2.2. Attendant.** Monitors the fuel cell maintenance operation and has full authority over fuel cell maintenance and safety operations. Monitors the environmental conditions inside and outside the tank/cell for possible hazards. Activates the Emergency Response team when required. Enters a fuel tank/cell to remove entrant during an emergency only after alerting the runner, ensuring the tank/cell is being properly ventilated, determining the nature of the

emergency, and assessing the conditions of the tank/cell. Only then, will the attendant don an air supplied respirator and attempt to perform rescue from outside the tank. The runner has taken over duties at the entrance of the tank/cell. If rescue from outside cannot be accomplished, the attendant enters the tank/cell with a second air supplied respirator for the entrant and removes the individual, if possible. If it is not possible to remove the individual without assistance, the attendant remains with the entrant, if tank/cell environmental LEL oxygen levels permit, and administers CPR/Buddy Care to sustain life until emergency personnel arrive. Response team removes contaminated clothing from exposed member prior to fire/medical treatment if contaminates pose a potential hazardous situation.

**\*2.3. Runner/Equipment Monitor.** The runner/equipment monitor notifies Command Post Maintenance (CPM) by radio, intercom system or telephone of an emergency in progress. The runner opens hangar doors a minimum of ten feet to allow access for emergency personnel and then reports to the attendant at the opening of the tank/cell, assuming the duties of the attendant. After the attendant enters the tank/cell, the runner removes any unnecessary equipment in the entrance of the tank/cell that may slow the rescue attempt. The runner directs emergency personnel to the scene upon their arrival. The runner does not enter the tank/cell to assist the attendant until the arrival of medical and fire department personnel, and then only upon direction of attendant and the donning of an air supplied respirator. If the entrant is removed prior to the arrival of medical and fire department personnel, the runner assists the attendant with CPR/Buddy Care procedures until relieved.

**\*2.4. Command Post Maintenance (CPM).** Upon notification of an emergency, CPM calls the fire department, ext. 83333, medical aid, ext. 9911, Logistics Group Commander (LG), Accessory Flight Supervisor (LGMA), Safety (SE), Security Police (SP) and Bioenvironmental Engineering office (SGPB).

**2.5. Fire Department.** The fire department, upon arrival, assess the emergency and provide fire and emergency medical assistance as necessary. In the event the rescue team (attendant and runner) is unable to remove the entrant, the fire department personnel should confer with the attendant, if possible, for technical information to determine how to proceed with the rescue.

**2.6. Navy Emergency Medical.** Emergency medical personnel provide emergency medical care at the scene and arrange transportation of the entrant to the appropriate medical center for treatment and evaluation.

**2.7. Security Police.** Security Police keep unauthorized personnel away from the accident scene. They also secure the building or ramp area until the investigation is completed.

### **3. Training:**

**\*3.1. Responsibility.** The Fuels System section (LGMCF) and LGMC supervisors are responsible for ensuring all members of the Emergency Response team are kept current in all required training to ensure maintenance delays do not occur due to lack of training and qualified personnel.

**3.2. Exercises.** The Emergency Response Plan and Procedures exercise is conducted annually. This exercise is in conjunction with the certified training course.

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*926TH FWI 91-205 Attachment 1 1 September 2000*

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