

**BY ORDER OF THE COMMANDER  
AIR FORCE SPACE COMMAND**



**AIR FORCE INSTRUCTION 32-2001**

**AIR FORCE SPACE COMMAND  
Supplement 1**

**1 MAY 2002**

**Civil Engineering**

**THE FIRE PROTECTION OPERATIONS  
AND FIRE PREVENTION PROGRAM**

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The OPR for this supplement is HQ AFSPC/CEPX (Mr. James D. LaConte). This supplement implements and extends the guidance of Air Force Instruction (AFI) 32-2001, **Fire Protection Operations and Fire Prevention Program**. The AFI is published word-for-word without editorial review. Air Force Space Command (AFSPC) supplemental material is indicated in bold face. This supplement describes AFSPC's procedures for use in conjunction with the basic AFI. Its purpose is to prescribe unit mission, organization and responsibilities of the AFSPC Fire Protection Flight. It applies to all AFSPC Fire Protection Flights. This publication does not apply to Air National Guard (ANG) nor Air Force Reserve Command (AFRC). Users are encouraged to make recommendations to change guidance in this publication. Forward AF Form 847, **Recommendation for Change of Publication**, through channels to HQ AFSPC/CEPX, 150 Vandenberg St., Suite 1105, Peterson AFB CO 80914-4150. Upon receipt of this integrated supplement, discard the Air Force basic publication.

### **SUMMARY OF REVISIONS**

This publication has been significantly revised and must be reviewed in its entirety. A bar ( | ) indicates a revision from a previous edition.

| 2.3.10.1. (Added) Develop management plans and Standard Operating Procedures addressing motor vehicle accident firefighting and rescue operations on highways and other major roadways.

| 3.1.2.4. (Added) Basic Allowance for Subsistence (BAS) will be provided to all military fire protection personnel. Not applicable at Clear AFS AK.

| 3.1.2.5. (Added) The Fire Chief will ensure appropriate fire safety deficiency (FSD) codes are assigned to facilities earning a structural variance for increased fire flows. The Fire Chief must ensure vehicles and staffing requirements are adjusted accordingly when the deficiency is corrected.

| 3.1.2.6. (Added) Fire Protection Status Report. The Fire Chief submits a monthly status report to HQ AFSPC/CEPX NLT the 5th day of each month. **Attachment 8. (Added)** Include all authorized/assigned personnel by rank, 180-day projected personnel gains and departures and temporary duty personnel and

their location(s). Include all authorized/assigned vehicles by type (including general-purpose vehicles), registration number, replacement code, overhaul (depot) date and total out-of-service hours during the reporting period. These reports are designated emergency status code C-2. Continue reporting during emergency conditions, priority precedence. Continue reporting during MINIMIZE.

3.1.2.7. (Added) Fire Protection Transient Aircraft Data. The following installations have an approved variance for additional Aircraft Rescue Fire Fighting vehicles and staffing to support transient large frame aircraft. **Patrick AFB, Ascension AAF and Thule AFB** will provide an annual report showing the total number of landings and takeoffs by aircraft type contained in Vehicle Set #3. **Vandenberg AFB and Cape Canaveral AFS** will provide an annual report showing the total number of landings and takeoffs by aircraft contained in Vehicle Set #2. Reports will be sent to HQ AFSPC/CEPX NLT 10 January. These reports are designated emergency status code C-2. Continue reporting during emergency conditions, normal precedence. Submit data requirements in this category as prescribed, or as soon as possible after submission of priority reports. Continue reporting during MINIMIZE.

3.1.3. Maintain AF Forms 1071, **Inspection/Maintenance Record** or other automated product on all powered equipment carried on vehicles. All powered equipment will be started at least weekly.

**3.1.6. Attachment 9.** (Added) is included as a quick reference for AFSPC specific reports.

3.1.7. Mutual Aid Agreements will be reviewed every 2 years and updated as necessary. Use **Attachment 10 (Added)** for Mutual Aid Agreements at ICBM facilities.

3.1.7.1. Where community fire departments provide initial emergency response to remote Air Force facilities, the host-Wing Fire Chief ensures telephone contact numbers and capabilities are updated at least annually and maintained in the base Fire Alarm Communications Center. Use **Attachment 11. (Added)** for ICBM Facilities Fire Protection.

3.2.1. Fire Chiefs will program for a noncombustible multistory structural training simulator. The simulator must be designed to support live fire training in at least one interior room. Also include provisions to conduct above and below ground fire attack, vertical and horizontal ventilation, rappelling, extension ladder operations and sprinkler/standpipe operations.

3.2.1.1. (Added) Each fire protection flight will program for or develop a variety of HAZMAT and confined space rescue training aids as required to maintain proficiency.

3.2.5. (Added) Conduct comprehensive pre-exercise briefings and post-exercise critiques for all training exercises. Unannounced exercises conducted with the approval of the Fire Chief are exempt from pre-exercise briefings.

3.2.6. (Added) Establish a rescue proficiency training program for primary and secondary rescue team members. Fire Chief determines subjects to be included in the program.

3.2.7. (Added) Annual training will be conducted on all mission assigned aircraft to maintain proficiency in opening aircraft engine cowlings, emergency shutdown procedures for aircraft ground equipment and fire fighting operations involving advanced composite materials. The Fire Chief determines the requirement for transient aircraft.

3.2.8. (Added) All fire protection personnel will receive annual training on emergency response to terrorism. Training programs may be developed locally or utilize existing courses available through AFCESA/CEXF, the National Fire Academy or the Federal Emergency Management Agency.

3.2.8.1. (Added) All fire protection personnel will receive annual training on the operation of fire protection vehicles and equipment in a chemical/biological environment.

3.3.2. Pre-incident plans will be carried on command and control vehicles and other vehicles as determined by the Fire Chief.

3.3.2.1. (Added) The Fire Chief will ensure aircraft pre-incident plans are reviewed and validated at least every 2 years. Facility pre-incident plans will be reviewed and validated every 2 years by the Fire Chief.

3.3.4. Installation commanders receive AFSPC/CE and AFSPC/SG coordination prior to transfer of ambulance transport duties to the Fire Protection Flight.

3.3.11. Special levels of fire fighting agents maintained at the Base Logistics Center will be reviewed at least quarterly.

3.5.1. (Added) The Operations Flight Chief (CEO) maintains documentation of completed inspections, tests and maintenance of all fire detection, suppression and water distribution systems IAW UFC 3-600-02, *Operations and Maintenance: Inspection, Testing, and Maintenance of Fire Protection*.

A3.1.1. The commander or a designated representative, normally the Fire Chief, ensures telephone reporting of emergency responses to HQ AFSPC/CEPX within 4 hours after emergency response efforts are initiated. In addition to requirements found in AFI 32-2001, report all fire losses in excess of \$10,000; lost-time injuries to fire protection personnel incurred during emergency operations; and vehicular accidents occurring during emergency response.

**Attachment 8. (Added)**

**FIRE PROTECTION STATUS REPORT**

Anywhere AFB Fire Protection Flight

XXth Civil Engineer Squadron

Anywhere AFB CO

Status Report as of: DD MMM YY

**Military**

**Civilian**

**Management**

Grade	AFSC	Auth	Asgd
CMSgt	3E700		
MSgt	3E771		
TSgt	3E771		
Total			

Grade	AFSC	Auth	Asgd
GS-12	3E791		
GS-11	3E771		
GS-04	3A051		
Total:			

**Operations**

Grade	AFSC	Auth	Asgd
MSgt	3E771		
TSgt	3E771		
SSgt	3E751		
SrA	3E751		
A1C	3E731		
Amn	3E731		
AB	3E731		
Total			

Grade	AFSC	Auth	Asgd
GS-09	3E771		
GS-07	3E751		
GS-05	3E731		
Total:			

**Fire Prevention**

Grade	AFSC	Auth	Asgd
MSgt	3E771		
TSgt	3E771		
Total:			

Grade	AFSC	Auth	Asgd
GS-10	3E771		
GS-08	3E771		
Total:			

Sub Total:			
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Sub Total:			
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	Auth	Asgd
Grand Total:		

**180 DAYS PROJECTED GAINS**

GRADE	AFSC	NAME	RNLTD	LOSING BASE

**180 DAYS PROJECTED LOSSES**

GRADE	AFSC	NAME	LOSS DATE	REASON

TOTAL GAINS:			TOTAL LOSSES:	
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**TDY**

NAME	LOCATION	INCLUSIVE DATES

TOTAL:	
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**KEY PERSONNEL**

Fire Marshal
A/C OPS & Readiness
A/C OPS "A"
A/C Fire Prevention

Fire Chief
A/C Training
A/C OPS "B"



## Attachment 9. (Added)

## HQ AFSPC/CEPX SUSPENSE LISTING

Table A9.1. HQ AFSPC/CEPX Suspense Listing.

<b>REPORTING MENT</b>	<b>REQUIRE-</b>	<b>FREQ.</b>	<b>TO ARRIVE AT AFSPC/CEPX:</b>
STATUS REPORT		Monthly	NOT LATER THAN THE 5th OF EACH MONTH
HALON 1211/1301 AFF 3521 OR AUTOMATED EQUIVALENT		Semi-annually	NOT LATER THAN 10 JAN AND 10 JUL
TRANSIENT AIRCRAFT LANDING AND TAKEOFF DATA*		Annually	NOT LATER THAN 10 JAN
NFPA 1500 COMPLIANCE DATA		Annually	NOT LATER THAN 1 SEP
AFSPC HEROISM, FIREFIGHTER AND FIRE OFFICER OF THE YEAR, AWARDS		Annually	NOT LATER THAN 15 APR
AFSPC FIRE PROTECTION FLIGHT OF THE YEAR NOMINATION		Annually	NOT LATER THAN 1 OCT
*See paragraph 3.1.2.7.			

**Attachment 10 (Added)****AGREEMENT FOR MUTUAL AID IN FIRE PROTECTION AND HAZARDOUS MATERIALS INCIDENT RESPONSE****(ICBM ALERT/LAUNCH FACILITIES AND ICBM TRANSPORT INCIDENTS)**

This agreement, entered into this XX day of XXX 20XX, between the Secretary of the (insert name of DoD component) acting pursuant to the authority of 42 U.S.C. 1856(a) and (insert name of fire organization) is securing to each the benefits of mutual aid in fire prevention and hazardous materials incident response, in the protection of life and property from fire, hazardous materials incident and in fire fighting.

It is agreed that:

a. On request to a representative of the (insert name of installation) fire department by a representative of the (insert name of fire organization), fire fighting equipment and personnel of the (insert name of installation) fire department will be dispatched to any point within the area for which the (insert name of fire organization) normally provides fire protection or hazardous materials incident response as designated by the representatives of the (insert name of fire organization).

b. On request to a representative of the (insert name of fire organization) by a representative of the (insert name of installation) fire department, fire fighting equipment or hazardous materials incident response and personnel of the (insert name of fire organization) will be dispatched to any point within the fire fighting or hazardous materials incident response jurisdiction of the (insert name of installation) fire department as designated by the representative of the (insert name of installation) fire department.

c. Any dispatch of equipment and personnel pursuant to this agreement is subject to the following conditions:

(1) Any request for aid hereunder shall include a statement of the amount and type of equipment and personnel requested and shall specify the location to which the equipment and personnel are to be dispatched, but the amount and type of equipment and the number of personnel to be furnished shall be determined by a representative of the responding organization.

(2) The responding organization shall report to the officer in charge of the requesting organization at the location to which the equipment is dispatched and shall be subject to the orders of that official.

(2a.) The responding organization may initiate firefighting, rescue and other emergency-related activities as required without on-site representation or direction from the requesting organization when designated as the primary response agency at the time of request by the requesting agency.

(3) A responding organization shall be released by the requesting organization when the services of the responding organization are no longer required or when the responding organization is needed within the area for which it normally provides fire protection.

(4) In the event of a crash of an aircraft owned or operated by the United States or military aircraft of any foreign nation within the area for which the (insert name of fire organization) normally provides fire protection, the chief of the (insert name of installation) fire department or his or her representative may assume full command on arrival at the scene of the crash.

d. (Insert name of fire service) may claim reimbursement for the direct expenses and losses that are additional fire fighting or hazardous materials incident costs above the normal operating costs incurred while

fighting a fire or hazardous materials incident response under this agreement as provided in 44 CFR Part 151, *Reimbursement for Costs of Firefighting on Federal Property*.

e. Each party waives all claims against every other party for compensation for any loss, damage, personal injury or death occurring as a consequence of the performance of this agreement. This provision does not waive any right of reimbursement pursuant to paragraph d above.

f. All equipment used by (insert name of fire organization) in carrying out this agreement will, at the time of action hereunder, be owned by it; and all personnel acting for (insert name of fire organization) under this agreement will, at the time of such action, be an employee or volunteer member of (insert name of fire organization).

g. The (insert name of installation) fire department is responsible for providing and updating (insert name of fire organization) contact phone numbers, site access procedures, floor plans, aircraft and transport vehicle pre-incident plans, Material Safety Data Sheets and other information as appropriate to mitigate fire, hazardous material and confined space emergency situations at Missile Alert/Missile Launch Facilities and ICBM transportation incidents. (Name of fire organization) agrees to protect the above information from unauthorized disclosure. When not in use, information shall be stored in locked receptacles, i.e., file cabinets, desks, bookcases, emergency response vehicles.

h. At least annually, representatives of (insert name of installation) fire department will provide Missile Alert/Missile Launch Facilities and ICBM orientation tours and site familiarization training as requested by (insert name of fire organization).

For (insert name of fire organization);

For the Secretary of the Air Force

(TITLE)

(COMMANDER)

**Attachment 11. (Added)****ICBM FACILITIES AND TRANSPORT VEHICLE FIRE PROTECTION**

**A11.1. Pre-Incident Planning for ICBM Facilities:** (Launch Facilities (LF), Launch Control Centers (LCC), Launch Control Equipment Buildings (LCEB), Missile Alert Facilities (MAF), and Missile Transport Incidents)

A11.1.1. At least annually, the Base Fire Chief will ensure each community fire department supporting ICBM facilities is contacted to verify emergency reporting phone numbers and emergency response capabilities, e.g. fire, hazardous materials, emergency medical services, confined space rescue, high-angle rescue, etc. The contact and capability listing will be maintained in the Fire Alarm Control Center.

A11.1.2. Each community fire department supporting ICBM facilities will be provided the following information. Comply with DODD 5210.83, *Department of Defense Unclassified Controlled Nuclear Information* for routine release of Unclassified Controlled Nuclear Information to emergency responders.

A11.1.2.1. On request to a representative of the (insert name of installation) fire department by a representative of the (insert name of fire organization), fire fighting equipment and personnel of the (insert name of installation) fire department will be dispatched to any point within the area for which the (insert name of fire organization) normally provides fire protection or hazardous materials incident response as designated by the representatives of the (insert name of fire organization).

A11.1.2.2. Floor plans and fire protection features of MAF, LCC, LCEB and LF.

A11.1.2.3. Entry access procedures (coordinated with Security Forces).

A11.1.2.4. Isolation/Evacuation distances and hazards for MAF, LCC, LF and transportation incidents.

A11.1.2.5. ICBM transport-vehicle description and hazards.

A11.1.2.6. Helicopter firefighting and rescue guidance (include other applicable aircraft guidance emergency information as required).

A11.1.2.7. Copies of Material Safety Data Sheets.

A11.1.2.8. Procedures to request reimbursement for services rendered IAW 44 CFR 151, *Reimbursement for costs of firefighting on Federal property*.

A11.1.2.9. Other site-specific information as appropriate.

A11.1.3. On-site LCC, LCEB, MAF, LF and Transport Vehicle familiarization training will be offered to local community emergency responders at least annually.

A11.1.4. Wing emergency response plans will include:

A11.1.4.1. Expeditious transport of the Initial Response Element (IRE) to ICBM incidents.

A11.1.4.2. Rescue of injured personnel from below-ground facilities.

A11.1.4.3. Missile transport vehicle hazards and firefighting procedures.

**A11.2. Missile Alert Facility (MAF) Manager Training:**

A11.2. MAF Managers will receive initial (upon appointment) and annual refresher training from base Fire Prevention personnel on the inspection and use of facility fire extinguishers and standpipe systems, fire alarm systems, suppression systems and fire/emergency reporting procedures.

Firefighting efforts by occupants may be attempted only when the fire can be safely fought with handheld fire extinguishers or small hose lines (incipient stage firefighting). Firefighting efforts requiring the use of self-contained breathing apparatus and firefighter protective clothing will not be attempted by facility occupants unless trained to the fire brigade level. (29 CFR 1910.156, *Fire brigades*, NFPA 600, *Standard on Industrial Fire Brigades*)

A11.2.2. Facility occupants will be instructed to immediately contact the Base Fire Department when reporting fire-related emergencies. The Base Fire Alarm Communications Center (FACC) will in turn contact the appropriate community response agency. The FACC will maintain a list of ICBM facilities with pre-identified emergency response organizations and capabilities. Flight Security Controllers, crewmembers and facility managers will be briefed on the importance of immediate emergency reporting and expected response times.

A11.2.3. The Base Fire Chief will ensure facility Fire Reporting and Facility Fire Inspection checklists are current, fire evacuation drills are conducted annually and fire reporting numbers are clearly posted.

A11.3. Inspection, Testing and Repair of Installed Fire Protection Systems:

A11.3.1. Fire prevention inspectors will conduct an operational check of installed fire detection systems during the annual fire prevention visit IAW UFC 3-600-02, *Operations and Maintenance: Inspection, Testing, and Maintenance of Fire Protection*.

A11.3.2. Fire detection/suppression system maintenance records will be reviewed annually by the base Fire Prevention office to ensure systems are being maintained IAW applicable directives.

A11.3.3. Facility managers will perform a monthly visual inspection of the fire alarm panel, standpipe system and ensure correct placement and serviceability of fire extinguishers. Maintain documentation of inspections and corrective actions for 1 year.

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The Civil Engineer