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Civil Engineer

FIRE PREVENTION AND PROTECTION

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This instruction establishes responsibilities, procedures, and requirements for a thorough and comprehensive fire prevention program in accordance with applicable directives. The provisions of this instruction are applicable to all personnel, activities, organizations, contractors, and concessionaires that are assigned to or working on Eielson AFB. This also includes off base sites that come under Eielson jurisdiction.

The objective of this instruction is to minimize the loss of life and property by fire. The importance of a sound fire prevention program cannot be over emphasized. It implements Air Force Policy Directive 32-20, *Fire Protection*.

SUMMARY OF REVISIONS

Bullet statements in paragraphs **5.7.2.**, **19.1.**, **20.1.**, **22.3.**, **28.2.**, **41.2.** were change to subparagraphs. Para **21.5.** Request for fire investigation reports by any... added,. Para **23.1.** Computer generated checklist approved by the fire prevention office, added, Para **37.1.** The color of the cabinets added. A bar (|) indicates revision form the previous edition.

Section A—Responsibilities

- 1. Installation Commander.** Responsible for fire protection of United States Government resources assigned to Eielson Air Force Base.
- 2. Support Group Commander.** Staff officer responsible for fire protection of the resources under the installation commander's jurisdiction.
- 3. Fire Marshal.** The Civil Engineer, as the Fire Marshal, assists the Support Group Commander in discharging fire protection responsibilities.

4. Fire Chief. Responsible to the Fire Marshal for the management of the fire protection/prevention programs. The Fire Chief:

- 4.1. Advises and makes recommendations to the senior leadership on technical matters relating to fire protection/prevention.
- 4.2. Has full authority during all fire fighting/rescue activities.
- 4.3. Makes sure resources are used efficiently.
- 4.4. Is OPR for environmental and occupational requirements as outlined in AFI 91-301, *Air Force Occupational and Environmental Safety, Fire Prevention and Health (AFOSH) Program*.

5. Unit Commanders, Functional Managers, and Supervisors are responsible for the adequacy of fire prevention in all activities and facilities under their jurisdiction and:

- 5.1. Makes sure all newly assigned personnel, both military and civilian, receive fire prevention training within 30 days after reporting to work. Supervisors may conduct this training, ensure the training is entered on the individuals AF Form 55, **Employee Safety and Health Record**.
- 5.2. Makes sure sound fire prevention practices, procedures, and environmental control are established and complied with.
- 5.3. Advises the Fire Prevention Office of fire hazards which cannot be corrected by unit personnel.
- 5.4. Develops an operating instruction for their unit to follow in regards to fire emergencies that are unique to their unit, that are not covered in this instruction.
- 5.5. Arranges access to facilities under their jurisdiction for fire prevention assessments.
- 5.6. Makes sure each facility manager is briefed on fire prevention duties and responsibilities within 30 days after assignment. Appointments for individual briefings may be made by contacting the Fire Prevention Office, 377-1293/2621.
- 5.7. Ensures, through the facility manager, that all work areas are fire safe at the end of each work day. As a minimum, the following items will be checked to ensure this is accomplished:
 - 5.7.1. Empty all trash.
 - 5.7.1.1. Discard smoking materials in the proper manner.
 - 5.7.1.1.1. Unplug all unnecessary appliances.
 - 5.7.2. Make a general walk-through inspection of office/work areas at the end of each work day.
- 5.8. Obtains facility manager fire prevention materials and guidance from the Fire Prevention Office.
- 5.9. Makes sure the facility manager's listing is current and sends changes to CE Production Management.

6. Facility Managers. Responsible to the unit commander for the fire safe condition of all facilities under their jurisdiction. Facility managers, their alternates, or the supervisor of the operation being assessed will accompany the fire inspector during fire prevention assessments. Civilian employee union representatives may also be given opportunity to accompany the fire inspector during workplace inspections.

6.1. Conducts daily, visual inspections of all fire extinguishers, exit lights, standpipe hoses, fire doors and exits to ensure their maximum effectiveness in the event of a fire. Any damaged or discharged extinguisher, whether by operation or accident, must be immediately brought to the Fire Extinguisher Shop (Bldg 1206) for reservicing. For facilities not occupied on a daily basis, a weekly inspection will satisfy this requirement. Ensures that monthly fire extinguisher checks are annotated on the AF Form 3130, **General Purpose Form** (Fire Extinguisher Inspection Record). Under no condition will fire extinguishers be removed from a facility except for maintenance or replacement.

6.2. Ensures all personnel in their facility, including tenant units and contractors/concessionaires, are familiar with the unit commander's operating instructions and the contents of this instruction.

6.3. Conducts fire drills as specified by the unit's requirements. Upon completion of drill, submit copy of form memorandum, CEF FL-22, to CEFT for file.

6.4. Directs evacuation during actual fires or fire drills, reports fires and sound alarm, and direct first-aid fire fighting until Fire Department personnel arrive.

6.5. Performs a closing inspection at the end of each business day, activity period, or special operation to ensure that the area is left in a fire safe condition.

6.6. Makes sure emergency reporting stickers are affixed to all administrative telephones. Stickers may be obtained at the Fire Prevention Office.

7. Employees. Whether military, civilian, or contractor, employees will be responsible for the fire prevention procedures as outlined in this instruction. Employees will:

7.1. Be trained to recognize and eliminate fire hazards in the workplace.

7.2. Know the hazards associated with their work areas/processes.

7.3. Know the location and use of emergency and fire protection equipment (fire extinguishers).

7.4. Know emergency procedures that apply to their job and workplace including building evacuation, fire alarms, and procedures to report a fire or emergency.

8. Contractors/Concessionaires:

8.1. Responsible for fire prevention, protection, and compliance with the contents of this and other pertinent instructions while operating on Eielson AFB.

8.2. No street, roadway, runway, or taxiway will be blocked without coordination of the Fire Chief.

8.3. Use of fire hydrants by other than Fire Department personnel must be approved by the Fire Chief. It shall be the responsibility of the contractors to provide fire extinguishers, fire hose, hydrant wrenches, etc., if required in their construction area. NOTE: Under no circumstances will pipe wrenches, etc., be used on fire hydrants.

8.4. Prior to starting any open flame work, the activity supervisor or project foreman/manager will obtain an AF Form 592, **USAF Welding, Cutting and Brazing Permit**, from the Fire Prevention Office. During non-duty hours, contact the Assistant Chief of Operations at Bldg 1206 for a permit.

8.5. Must notify the Fire Alarm Center, 377-4156, prior to deactivation of fire suppression/alarm systems or utility shutdown.

Section B—Training

9. Newcomers. All personnel, military or civilian, assigned to Eielson AFB must receive an initial fire prevention orientation within 30 days of reporting to work. Briefings may be conducted by the supervisor; training must be entered on the AF Form 55. Further guidance may be obtained from AFOSH Standard 91-56, *Fire Protection and Prevention*.

10. Military Family Housing Fire Prevention Orientation. Family sponsors must, within 30 calendar days upon assignment to military family housing, attend a fire prevention orientation. This orientation is conducted in the sponsor's quarters. To schedule this appointment, call the Fire Prevention Office, 377-1293/2621.

11. Public Assembly Employee Training. Employees working in places of public assembly and recreational facilities will receive fire prevention training as part of their initial inprocessing and at least annually thereafter. Documentation of training must be maintained by the supervisor.

12. Fire Prevention Orientation and Fire Extinguisher Demonstrations. Fire Prevention personnel are available to present fire protection lectures, briefings, and fire extinguisher demonstrations to any functional or social group upon request. Arrange for training sessions by notifying the Fire Prevention Office at least five days prior to the date required. Each Friday at 0800 and 1300 (normal duty days), there is walk-in fire extinguisher training at building 1206.

Section C—Places of Public Assembly and Recreational Activities

13. Public Assembly Facilities. The potential for life and high property loss in public assembly facilities requires special actions to prevent fire.

14. Fire Prevention Certification System. Managers of places of public assembly and recreational facilities must establish and maintain a system to assure employees have been trained and understand their fire prevention responsibilities within the work environment. This system includes quarterly drills of employees (no building evacuation) and the immediate indoctrination of newly hired employees. Fire prevention briefings may be scheduled by contacting the Fire Prevention Office at 377-1293/2621. Training must be documented and maintained in the facility or personnel folder by the facility manager.

15. Major Social Events. Fire prevention inspectors will inspect places of public assembly and other base facilities before all major events when notified by the manager that temporary decorations or unusual arrangements are involved. Only fire retardant decorations will be used.

16. Commercial Cooking Equipment, Grease/Vapor Removal:

16.1. Managers of facilities where commercial or restaurant-type cooking is performed must establish and enforce the procedures as outlined in AFOSH 91-56. Grease extractors will be installed and maintained according to manufacturer's specifications and instructions and NFPA 96.

16.2. Deep fat fryers shall comply and be tested according to AFOSH 91-56.

17. Occupant Load. The Fire Prevention Office will determine the occupant load for each public assembly/recreation facility using the requirements in the Life Safety Code, Standard 101. The occupant load will be included in the unit's fire prevention operating instructions. It is the facility manager's responsibility to ensure strict compliance with the occupant load.

18. Fireworks. The use of fireworks and the use of theatrical fireworks, flash pots, sparklers, etc., is prohibited on Eielson AFB without written approval by the installation commander. A copy of this approval must be forwarded to 354 CES/CEFT not later than five days before the event. This also includes the Birch Lake Recreation Area.

Section D—Mercantile (BX, Commissary, and Concessionaires)

19. Fire Safety Measures. In order to provide a fire safe environment for our personnel, the following procedures must be in effect at all times:

19.1. At no time will main entrances/exits be obstructed in any way.

19.1.1. At no time will any item be hung from sprinkler heads or piping.

19.1.1.1. Aisle clearance must be at least 44".

19.2. Interior decorations must be kept to a minimum and must be flame retardant.

19.2.1. Prior to any special sales/events notify the Fire Prevention Office for a courtesy inspection. Many times this will preclude any problems.

Section E—Inspections

20. Closing Inspections. The following procedures for closing inspections are required for all mercantile, recreational facilities, and places of public assembly. Inspections will consist of:

20.1. Complete physical inspection of the building.

20.1.1. Disconnect all unnecessary electrical appliances.

20.1.1.1. Ensure all trash containers are emptied outside in approved containers.

20.2. Ensure all ashtrays and butt can contents have been disposed of outside the building in proper containers. Dampen smoking materials before placing in dumpster.

20.2.1. Inspect all sofa and chair cushions for smoldering smoking materials. Cushions that are fixed will be carefully examined. Those that are not fixed will be removed and thoroughly inspected and then placed in an upright position on the chair or sofa.

20.2.1.1. All fireplaces will be inspected for complete extinguishment prior to closing. Ashes will be placed in a metal container with lid and removed to outside. Dampen ashes before placing in dumpster.

20.3. Ensure fireplace screen is in place and fits.

20.3.1. Inspect all cooking appliances to ensure they are in the "off" position and free of grease accumulation to include kitchen hood assembly and installed grease filters.

20.3.1.1. Soiled table linen and towels will be placed in metal containers with a tight fitting

lid.

21. Fire Prevention Assessment Process. The fire prevention assessment is a tool used to evaluate the unit's overall fire prevention program and used to inform unit commanders, facility managers, and supervisors on the effectiveness of their programs.

21.1. Facility managers or a designated representative shall accompany the fire prevention technician on each assessment and will initiate immediate corrective action on all fire hazards noted at the time of inspection. If a discrepancy is beyond the control of the facility manager, submit an AF Form 332, **Base Civil Engineer Work Request**, to have it repaired or replaced.

21.2. If a hazard exists that presents an imminent danger situation, it will be brought to the attention of the supervisor in charge who must take prompt action to eliminate or reduce the hazard or cease operations and withdraw exposed personnel. If such situations exist and corrective action is not taken, the Fire Chief, Fire Marshal, Safety Office, and unit commanders shall personally observe the operation. If discussions with these individuals fail to resolve the problem, the installation commander will be notified and determine if the operation is to continue or be terminated.

21.3. Upon completion of each assessment, the fire prevention technician will brief the individual accompanying them of the conditions in the area being inspected.

21.4. The AF Form 1487, **Fire Prevention Visit Report**, informs the facility manager, supervisor, and unit commanders of fire hazards and deficiencies noted during fire prevention assessments. Directions for disposition are pre-printed on the form.

21.5. Fire Investigation reports. Request for fire investigation reports by any organization, individual or agency shall be made to the Wing Safety Office as indicated by AFI 91-204 and AFI 32-2001.

Section F—Procedures

22. Fire Reporting Procedures. It is the responsibility of all personnel to be familiar with fire reporting procedures. Timely and accurate reporting of a fire incident can preclude unnecessary injury and loss of valuable property. All fires, regardless of size and nature, extinguished or not, will be promptly reported to the Fire Department. The following procedures will be used to report all fires:

22.1. Sound alarm throughout the facility by the use of the manual pull stations provided or verbally if facility is not protected by an alarm system.

22.2. Dial 911 from any on-base telephone.

22.3. Give the fire alarm center operator the following information:

22.3.1. Your name.

22.3.1.1. The building number (apartment number, room number, etc.).

22.3.1.1.1. Location, size, and nature of the fire.

22.3.2. Any information that may pertain to the fire or as requested by the operator.

22.3.2.1. Leave the telephone off the hook.

22.4. Knowingly making or reporting a false fire alarm is in violation of Air Force directives and state statutes.

23. Fire Extinguishers:

23.1. Fire extinguishers will be inspected monthly and dates recorded on the overprinted AF Form 3130, or computer generated checklist approved by the Fire Prevention office.

23.2. Fire extinguishers or standpipes will not be removed from their assigned location except for inspection, maintenance, or to extinguish fires. They will not be blocked, obscured from vision, tampered with, or used for any purpose other than fire fighting.

23.3. Using agencies will bring defective fire extinguishers to the extinguisher maintenance shop (Bldg 1206) for maintenance, and will return them to their proper location. Defective flightline or wheel-type extinguishers used for the support of aircraft will be reported to Fire Extinguisher Maintenance, 377-2624/4156. Give number and location of extinguisher. It is the using organization's responsibility to notify fire extinguisher maintenance of these discrepancies.

23.4. Family Day Care Homes (FDCH) are required to have at least one 2A-10BC rated fire extinguisher. They are provided at the user's expense.

23.5. Hand-held fire extinguishers for facilities and aircraft will be allocated (AFOSH Standard 91-56 and NFPA 10).

23.6. When fire extinguishers are brought to Bldg 1206 for maintenance and/or inspection, please ensure that you pick up the fire extinguisher within five (5) DUTY DAYS. Note: When you are having your fire extinguishers inspected or maintenance performed, do not strip your facility of fire extinguishers, bring in a few at a time.

24. Evacuation Drills and Procedures. Fire evacuation drills are an intricate part of a total fire prevention program. Facility managers and supervisors are responsible for conducting fire evacuation exercises with coordination through the Fire Prevention Section at 377-1293/2621.

24.1. Frequencies of fire drills are determined by various functional directives or individual commanders. It is imperative that these requirements be met.

24.2. Upon completion of a fire drill, fill out the CEF FL-22. Keep the top portion for your records and send the bottom portion to the Fire Prevention Office.

25. Authority to Commandeer. The Fire Chief or Senior Fire Officer in charge at the scene of an emergency may commandeer available military vehicles, equipment, materials, and personnel considered necessary for prompt control and extinguishment of fires or rescue of personnel. Civilian assistance may be solicited.

26. Fire Hydrants. Fire hydrants will only be used by Fire Department personnel. Any other use must have the approval of the Fire Chief. It is the facility manager's responsibility to ensure that fire hydrants in their area are free of snow and obstructions. This also applies to military family housing. The unit closest to the hydrant will be responsible for keeping it clear.

27. Military Family Housing:

27.1. Military family housing will be inspected as requested by the occupant or as directed by the Support Group Commander. Each sponsor shall be responsible for maintaining their quarters in a fire safe condition at all times.

- 27.2. Store charcoal in a dry, well-ventilated place, as it is susceptible to spontaneous combustion.
- 27.3. Storage in attics and crawl spaces is prohibited.
- 27.4. Occupants will not tamper with the smoke or heat detectors installed in their quarters. If problems are encountered, notify the housing maintenance contractor. All smoke detectors will be tested monthly by the occupant.
- 27.5. In quarters where smoke detectors are battery operated, it is the occupant's responsibility to change the batteries twice a year or when the weak battery signal is emitted by the smoke detector. New batteries are available at housing maintenance.
- 27.6. Gasoline storage in military family housing areas is not recommended; however, if gasoline must be stored, it will not exceed five gallons. Storage must be in an approved safety can (per AFOSH and OSHA standards).
- 27.7. All FDCH inspections are scheduled through the Family Day Care Coordinator.
- 27.8. All cottage industries licenses must be reviewed by the Fire Prevention Office.

28. Hobbies:

- 28.1. Flammable materials or liquids used for hobbies in quarters or billets will be limited to size and quantities normally found in hobby kits. This specifically precludes the bulk storage of flammables or combustibles.
- 28.2. Hobbies which entail the use of open flame or high temperature heating devices will comply with the following minimum requirements:
 - 28.2.1. All equipment used must be approved for its particular use.
 - 28.2.1.1. Keep open flames well away from combustible materials.
 - 28.2.1.1.1. Ensure area is thoroughly inspected prior to and after each use.
- 28.3. Gunpowder used for reloading ammunition will be limited to 10 pounds of smokeless powder and 1 pound of black powder. All gunpowder will be kept in its original container and stored in a cool, dry place away from heat and other sources of ignition.

29. Construction:

- 29.1. Any modification, change, or construction within any existing facility, including military family housing, may be accomplished only upon submission and approval of an AF Form 332. Work will not be started until the AF Form 332 has been approved.
- 29.2. All AF Forms 332 will be coordinated through the Fire Department, Base Safety, Environmental Health, and in the case of military family housing, through the Housing Office.
- 29.3. Technical assistance will be provided for all AF Forms 332 concerning fire engineering principles upon request or review.

Section G—Emergency Response and Vehicle Control and Parking

- 30. Emergency Response and Vehicle Control.** When emergency vehicles with flashing lights and/or sirens operating are approaching, all vehicles will immediately pull to the right side of the street and stop

until the emergency vehicles have passed. Intersections are not to be blocked. All other vehicles will maintain a distance of 300 feet from fire apparatus and fire ground activities. At no time will fire hose be driven over.

31. Vehicle Parking:

31.1. Vehicles will not park within 15 feet of a fire hydrant, Fire Department connections, or in fire lanes.

31.2. Government vehicles will not be parked or stored inside buildings or structures other than those specifically designated as motor pools, vehicle storage, or maintenance garages. Exceptions must be approved by the Fire Chief and Safety Office in writing.

31.3. The parking of privately owned vehicles, motorcycles, snow machines, etc., in government facilities is prohibited except in family housing garages.

31.4. Vehicles will not be parked within 20 feet of buildings, unless approved parking spaces are provided.

31.5. Dumpsters will not block traffic flow, fire lanes, Fire Department connections, fire hydrants, or be located within 20 feet of buildings, unless approved by the Fire Chief.

31.6. At no time will any vehicle be parked in front of or under fire doors, equipment access, or hangar doors.

Section H—Maintenance

32. Fire Protection, Detection, and Suppression Systems:

32.1. The inspection, testing, maintenance, and repair of installed fire detection/suppression systems are the responsibility of the appropriate Civil Engineer shop.

32.2. The Fire Department will be notified prior to shutting down any system or section of a system for repairs, maintenance, or a test. The person notifying the Fire Department will give name, reason for the system being out, and estimated time system will return to service. This information will be logged in the Fire Department daily log book.

32.3. The storage of supplies, equipment, etc., within 18" of sprinkler heads/detectors is prohibited; 36" if stacks exceed 15 feet.

32.4. Access to control valves/panels in riser/mechanical rooms will not be blocked.

32.5. A clear space of 30 inches must be maintained to the front and sides of electrical panels/circuit breaker boxes.

Section I—Fire Prevention Controls

33. Control of Smoking Materials. Unsafe smoking practices and improper disposal of smoking materials constitutes two of the greatest fire causes. To eliminate fires of this nature, firm control measures must be strictly enforced and observed by all personnel. Smoking in Air Force facilities will be governed by pertinent Air Force directives.

33.1. No smoking or introduction of an open flame device will be permitted in any hazardous location, aircraft parking, or fuel handling area.

33.2. An adequate number of ashtrays will be provided for all areas where personnel are permitted to smoke. A noncombustible container with a self-closing lid will be provided in these areas for the purpose of emptying ashtrays. This container will be labeled with conspicuous lettering "Smoking Materials Only."

33.3. All smoking material will be removed from the facility at the end of each duty day.

33.4. Combustible trash under no circumstances will become intermingled with smoking materials. Ashtrays will not be emptied into trash containers.

33.5. Smoking by a person in or upon a bed is prohibited.

34. Electrical Installation, Appliances, and Heating Equipment:

34.1. The use of electrical equipment or appliances that are not Underwriter's Laboratory, Factory Mutual, or other recognized testing laboratory approved, is prohibited.

34.2. In dormitories, unaccompanied housing (UH), and temporary lodging facilities (TLF), personal electric coffee makers, toasters, popcorn poppers, and similar heat producing devices used outside approved dining facilities will be approved by the individual's commander or designated representative. Also ensure the electrical circuits are capable of carrying these appliances.

34.3. The use of cooking appliances such as hot plates, toaster ovens, convection ovens, and frying pans in rooms of dormitories, UH, and TLFs that are not designed for cooking is prohibited.

34.4. The use of portable fuel heaters is prohibited.

34.5. Only qualified CE or contract electricians are permitted to install, replace, or repair fixed electrical systems in government facilities.

34.6. Extension cords will only be used as temporary wiring and will not be permanently installed. They will not be stapled or nailed to any building component (to include exterior siding), nor installed in any manner in which they are subject to mechanical damage (running through doorways, windows, walls, floors, under carpets, etc.). Cords will be of the proper gauge for the appliance in use. Only one appliance shall be used in conjunction with an extension cord.

34.7. Multiple-type plugs/adapters used in government facilities must be fused or breakered not to exceed 15 amps.

34.8. Frayed and bare wiring will be repaired or replaced immediately.

34.9. Substitution of fuses or tampering with circuit breakers is prohibited. Circuit breakers will not be taped or wired in the "ON" position.

34.10. Portable-type electrical light assemblies (drop cords) will not be used without the proper guard or wire shield as protection against breakage. Light must be an approved type for the area that it is used in.

34.11. Electrical switches, receptacles, circuit breaker boxes, junction boxes, and fuse boxes shall be provided with proper covers.

34.12. Electrical wiring or conduit will not be used as hangars for clothing and other items.

34.13. Kitchen ranges, deep fat fryers, and barbecue grills will not be left unattended when in use.

34.14. Fireplaces will be provided with hearth screens and spark arresters and be cleaned annually.

34.15. At no time will trash be burned in fireplaces.

35. Welding, Cutting, Brazing, and Open Flame Devices:

35.1. Welding, cutting, and operation of open flame devices such as plumbers torches, blowtorches, etc., conducted outside approved shop areas, by qualified personnel, will require prior written approval of the Fire Department. AF Form 592 will be used for this purpose. This form will be processed according to the instructions on the form and as prescribed in AFOSH Standard 91-5, *Welding, Cutting and Brazing*. All fire/safety precautions outlined in AFOSH Standard 91-5 will be adhered to during open flame operations. This permit can be obtained from the Fire Prevention Office during normal duty hours. This will ensure an inspector is available to inspect the job site and issue the permit. During non-duty hours contact the Assistant Chief of Operations at Bldg 1206 for a permit.

35.2. When open flame work is required where flammable or combustible vapors may be present, an explosive meter reading will be taken by the agency performing the operation prior to starting the operation. Adequate ventilation will be provided to ensure that vapors do not accumulate after the operation begins. In areas where combustible/explosive dusts may be present, a thorough inspection will be performed by fire protection personnel prior to beginning the operation.

35.3. A fully charged and operable fire extinguisher (2A/20BC minimum) will be kept at the work site at all times while welding or open flame work is being performed.

35.4. One person will serve as fire guard during all open flame operations manning an appropriate fire extinguisher.

35.5. Open flame work will not be accomplished in hangars or nose docks when aircraft are present unless specifically approved by the Fire Chief.

36. Ammunition and Explosives:

36.1. The possession or use of pyrotechnics, fireworks, firecrackers, or similar items is prohibited except for official use in connection with the Air Force mission or personnel survival.

36.2. Pyrotechnic or explosive devices found anywhere on this installation will not be touched. The Explosive Ordnance Flight is the sole authority for the removal of such devices and will be notified immediately.

37. Flammable, Combustible Liquids and Gases:

37.1. Flammable and combustible liquids and gases, in other than facilities approved and designed for that purpose, will be stored in approved cabinets. These cabinets will meet the requirements listed in AFOSH Standard 127-43, *Flammable and Combustible Liquids*. All flammable liquid storage must be approved in writing by the Fire Chief. All written requests for flammable liquid storage will be submitted in two copies to the Fire Prevention Office with coordination through the functional manager concerned. The color of the cabinets will remain the color and design that the manufacturer recommends and per any applicable AFOSH standards.

37.2. Containers used for the storage of gasoline will be an OSHA-approved flammable liquid container.

37.3. Gasoline, thinners, or other highly flammable liquids will not be used for cleaning purposes. Only approved nonflammable high flash point solvents will be used.

37.4. Vehicles will not be refueled inside any facility.

37.5. All rags which have been soiled with oil, paint, or other flammable/combustible liquids will be placed in a noncombustible container with a self-closing lid. They will be separated from common combustible trash and disposed of daily.

37.6. Spray painting of aircraft other than touch-up or decal work is prohibited in any facility without the prior written approval of the Base Safety Office, Fire Chief, and Bioenvironmental. Properly designed and constructed spray booths, spray rooms, or properly designated spray areas are exempt from this requirement.

38. Aisles and Exits:

38.1. Exit doors will be operable at all times when the facility is occupied. Exit doors will not be blocked, locked, obscured from vision, or restricted in any way. All double doors will have both halves unlocked during periods of occupancy.

38.2. Exit discharges will be kept free of ice and snow accumulations at all times.

38.3. Doors designed to be kept normally closed in a means of egress, such as a door to a stair enclosure or horizontal exit, shall be a self-closing door and shall not at any time be secured in the open position (unless connected to the fire alarm system).

38.4. Adequate fire aisles will be maintained in all storage rooms/areas in accordance with DOD directives and NFPA Standard 231.

38.5. Interior doors will not be blocked unless written approval is granted by the Fire Chief. All such blocked doors must be conspicuously marked stating "This Door Blocked." These signs must be posted on both sides of the door.

39. Dormitories, Unaccompanied Housing (UH), and Temporary Lodging Facilities (TLF):

39.1. Each individual is responsible for the fire safe condition of their room.

39.2. The use of candles and incense is prohibited.

39.3. The excessive use of combustible materials for decorations is prohibited. Material will not exceed 10 percent of the total wall space.

39.4. Occupants will not tamper with installed heat and smoke detectors. If a problem arises, contact the CE Service Call Desk at 377-2100.

39.5. Other pertinent parts of this instruction may also apply to dormitory and transient occupants.

40. Warehousing and Packing:

40.1. Supplies will not be stacked in such a manner as to block access to fire alarm panels, fire extinguishers, standpipe hose stations or electrical panel boxes. Minimum clearance is 30 inches.

40.2. Wood pallets in excess of normal requirements will be stored outside. The storage may be adjacent to the warehouse provided the exterior walls are of noncombustible construction. If the walls are combustible, a clearance of 25 inches must be maintained.

40.3. All storage and warehousing must be in strict compliance with pertinent DOD directives.

40.4. Supplies will not be stored in such a manner as to block or hamper the operation of fire doors (overhead and rolling).

41. Controlled Burning:

41.1. Open burning of trash, brush, or industrial residue is not authorized without written approval of the Fire Chief.

41.2. Small controlled fires (campfires, bonfires, etc.) on base may be authorized by the Fire Chief and Base Forester when the following requirements are met:

41.2.1. 24 hours notification.

41.2.1.1. Obtain an AF Form 592 from the Fire Department.

41.2.1.1.1. Receive appropriate briefings on fire safety procedures from fire prevention personnel.

41.3. Camp or barbecue devices which employ the use of charcoal or flammable liquids or gases will not be used inside buildings or within 10 feet of any wall, roof, or other combustible material.

41.4. Permission is not required in approved camp fire areas.

42. Decorations:

42.1. All decorations for use in public assembly, recreational, and mercantile facilities will be fire retardant. Decorations shall not exceed 10 percent of total wall space.

42.2. All decorations for parties, dances, and special functions will be inspected by the Fire Department prior to use in public assembly, recreation, and mercantile facilities.

42.3. Only UL or FM approved electrical decorations will be used.

42.4. Do not hang any decorations from electrical conduit or sprinkler pipes.

43. Housekeeping (Environmental Control):

43.1. Trash receptacles must be noncombustible. All waste/trash containers will be emptied daily or more often as necessary. This responsibility will not be delegated to janitorial services personnel. At no time will trash containers be used for the disposal of smoking-related materials.

43.2. Outside trash, packing materials and wood or paper cartons will be kept a minimum of 25 feet from any facility.

43.3. Facilities such as the power plant, carpenter shop, metal shop, packing and crating, wood hobby shop, etc., which are subject to excessive dust accumulation, will be cleaned at regularly scheduled intervals to reduce the possibility of dust explosions.

43.4. Dust producing equipment will not be operated unless all ventilation/vacuum systems are in service and operating.

- 43.5. Electric motors, appliances, and machinery will be kept free from oil, grease, dust, and dirt accumulations at all times.
- 43.6. Rubbish, paper, dry grass, brush, and other combustible materials will not be allowed to accumulate beneath or around any building area.
- 43.7. All holes in walls, floors, or ceilings will be promptly reported to CE for repair. An AF Form 332 will be used.
- 43.8. Mechanical or boiler rooms will not be used for storage.
- 43.9. Rubbish, combustible materials, rags, mattresses, and other such material will not be allowed to accumulate in a disorderly manner in closets, hallways, or on floor areas.
- 43.10. Tar pots will not be operated within 25 feet of any facility. Under no conditions will tar pots be operated on roofs. Ensure fire extinguishers are readily available.
- 43.11. Personnel will not be billeted nor will sleeping arrangements be allowed in any facility not designed for that purpose without written authorization of the Fire Chief.

KENNETH M. DECUIR, Colonel, USAF
Commander