



## DEPARTMENT OF THE NAVY

TRAINING SQUADRON THIRTY-ONE (VT-31)  
501 BATAAN STREET SUITE B  
CORPUS CHRISTI TEXAS 78419-5249

VT31INST 11320.1G  
Code 1000

30 AUG 2001

### TRARON THREE ONE INSTRUCTION 11320.1G

Subj: PROMULGATION OF FIRE BILL

Ref: (a) NASCORPCINST 11320.8K

Encl: (1) Fire Station Location Bill  
(2) Hangar Sprinkler System

1. Purpose. This fire bill establishes the organization, orders, and procedures for combating fires occurring in or about spaces assigned to this command. Department Heads and Division Officers shall ensure that all assigned personnel are familiar with provisions of this instruction and reference (a) (NAS regulations for Fire Protection and Prevention).

2. Cancellation. TRARON THREE ONE Instruction 11320.1F

3. Assignment of Personnel to Fire Bill. Personnel shall be assigned to a section on the Watch, Quarter, and Station Bill by their Division Officer. Each division will man fire stations as listed in enclosure (1).

4. Reporting a Fire.

a. The person discovering a fire shall repeatedly cry out "FIRE-FIRE", giving its location, and immediately proceed to the nearest fire reporting box and alert the NAS Fire Division.

b. If a fire reporting telephone box is not readily available, proceed to the nearest telephone, dial x3333, and report the exact location of the fire, the type of fire, your name and telephone number.

c. In conjunction with the NAS fire reporting telephone system, Hangar 57 has a separate alarm for alerting personnel that a fire exists in the hangar area. This alarm is internal only and not connected to the NAS systems. The switch which activates this fire alarm siren in Hangar 57 is located at Station 14 in the middle of the hangar.

d. All personnel hearing the cry "FIRE" shall pick up the cry, alert the VT-31 Duty Office and SEA, give its location,

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and relay word throughout the hangar area. Hangar personnel shall be alerted by means of word of mouth and by the fire alarm siren.

e. When alerted, the SDO/CDO ensure the NAS Fire Division has been alerted by the methods indicated in sub-paragraph (4a) and/or sub-paragraph (4b) above. If the fire siren has not yet been sounded, direct someone to proceed to Station 14 in the middle of the hangar and activate the siren. (Only if safe to do so).

f. The person or persons sounding the fire and alerting alarms shall assign one man to stand by the fire reporting telephone box or other appropriate location to direct the NAS fire fighting personnel.

g. Personnel in the vicinity of the fire shall attempt to extinguish it or prevent its spread, pending the arrival of fire fighting equipment.

h. Should the SDO/CDO receive a report of fire on the flight line, he shall immediately report the fire to the NAS Fire Division by telephoning x3333.

i. All fires, even if extinguished, shall be reported to the SDO/CDO and the NAS Fire Division.

5. Officer in Charge of the Scene of Fire.

a. The SDO/CDO shall be responsible for the evacuation of personnel and shall direct fire-fighting until relieved by one of the following:

- (1) Commanding Officer, VT-31
- (2) Executive Officer VT-31
- (3) Security Officer, NAS
- (4) Fire Chief, NAS

b. In the event the personnel listed in sub-paragraph (5a) above are not present, the senior officer or petty officer present shall take charge until relieved by proper authority.

6. Required Action for Squadron Personnel. All officers and personnel not assigned a fire station on the Watch, Quarter, and Station Bill shall close all work center windows and doors, turn

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off lights, unplug electrical equipment, and perform duties as required. Personnel will then exit the hangar in an expeditious and orderly manner and fall in at quarters east of Hangar 57 in the wash rack area, well clear of any danger area. Flight leaders will attempt to obtain a muster sheet of their flight, and the Squadron's Leading Petty Officer will attempt to obtain a roster of all enlisted personnel prior to departing Hangar 57. The SDO/CDO will bring a copy of the flight schedule with them when they depart Hangar 57. After comparing lists, the senior officer or petty officer present shall take a muster and report possible trapped individuals to the fire/rescue workers present. After the location of the fire is determined, or a reasonable amount of time has elapsed and the location of fire is still unknown, personnel on catwalks not required for fire fighting will muster with the squadron personnel east of Hangar 57 in the wash rack area.

a. Duties of the Squadron Duty Officer (SDO/CDO)

(1) When alerted, the SDO/CDO shall ensure that the NAS Fire Division, x3333, has been alerted by methods indicated in sub-paragraph (4a) and (4b).

(2) Activate the fire alarm siren for a minimum of one minute.

(3) Notify the Commanding Officer, Executive Officer and Security Officer of all fire alarms affecting this command.

(4) Take charge at the scene of the fire (in squadron area) until relieved by proper authority.

(5) Maintain a log of sequence of events from notification of fire until the fire fighting crew is secured.

(6) Report to the Commanding Officer when the situation is again normal.

(7) The SDO/CDO shall immediately inform the Public Works plumber (x2987), and the Fire Department (x3493) if the low pressure siren on the hangar sprinkler system rings.

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b. Department Heads. Department Heads shall ensure that:

(1) There are no less than two personnel assigned to each fire bottle as listed in enclosure (1). These individuals shall receive formal training which can be scheduled as GMT through the SEA.

(2) Each member of the department understands and knows how to operate the fire fighting and associated equipment at his station.

(3) Each member of the department has read this fire bill and understands his/her duties as outlined in sub-paragraph (6). (Required action for squadron personnel).

c. Duties of the Senior Enlisted Advisor (SEA)

(1) Ensure that the Duty Office is informed of the fire, type and location.

(2) Direct personnel to announce "FIRE" by word of mouth giving type and location and sounding of the fire siren.

(3) Obtain a roster of the squadron's enlisted personnel for mustering purposes.

(4) Assist the SDO/CDO as directed.

7. General Precautions

a. All vehicular traffic, private or public, will pull off the road and stop when the fire alarm is sounded in order to clear the area for passage of emergency vehicles.

b. Alterations or repairs to built-in electrical wiring, switches, or drop cords will not be undertaken by squadron personnel. Report all such defects to the Squadron First Lieutenant.

c. Aircraft or other gasoline operated vehicles or equipment shall not be fueled or defueled in the hangar for any reason.

d. Gasoline shall not be used for cleaning purposes.

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e. Welding torches, blow torches, or other equipment generating flames will not be used except in places specifically authorized and then only with proper fire fighting equipment standing by.

f. Flammables (thinners, paints, and oils) will be stowed ONLY in designated paint lockers outside the hangar.

g. Vehicles without approved spark arresting equipment are not permitted inside the hangar.

#### 8. Types of Fire.

a. Type A. Fires caused by solids that will leave ash such as wood, grass, cotton, or paper. Water, halon, sand or CO2 extinguisher may be used for Type "A" fires.

b. Type B. Gasoline, oil, or any substance that will give off vapors. Use only dry chemicals, CO2 extinguisher or halon on Type "B" fires. This type of fire must be smothered, not spread.

c. Type C. Electrical Fires. Use only CO2, halon, or dry chemical for Type "C" fires.

d. For aircraft fires involving hot expanded metal which might explode due to the rapid cooling from CO2, i.e. brake fires, use only MET-L-X as an extinguishing agent.

#### 9. Fire Equipment.

a. General. Equipment and apparatus necessary for fire protection shall not be put out of service or relocated without prior notice and approval from the NAS Fire Chief.

b. Responsibility. The First Lieutenant is responsible for a weekly sight inspection of all fire equipment installed in squadron spaces.

The NAS Fire Chief will inspect all fire equipment monthly. (Sight inspection is seeing that the fire extinguishers are sealed, access is not blocked, and extinguishers are not damaged or wall line hoses wet.) If all of the above conditions have been complied with, the weekly check-off card shall be dated and initialed by the inspector. If a seal is broken or any other discrepancies are found, the extinguisher shall be returned to

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the fire extinguisher repair shop for immediate replacement. If a fire hose is found to be defective due to water leakage or damage, the NAS Fire Division shall be notified immediately for repair.

c. Aisle Space. Adequate aisle space shall be constantly maintained near the fire alarm boxes, standpipe hoses, fire extinguishers, fire escapes, sprinkler system valves, and electrical gas, water, and steam controls.

d. Fire Hydrants.

(1) No connections shall be made to fire hydrants, nor shall fire hydrants be operated by other than the Fire Division or Public Works Department unless approved by the NAS Fire Chief.

(2) There shall be no parking of vehicles or other objects so as to obstruct access space within 20 feet of either side or in front of fire hydrants.

e. Sprinklers.

(1) Sprinkler heads shall not be painted.

(2) Sprinkler systems shall not be tampered with.

(3) Only authorized Public Works Department or Fire Department personnel shall adjust or repair sprinklers.

f. Fire Hoses.

(1) Fire hoses shall not be used for other than fire fighting purposes without approval of the NAS Fire Chief. Unlined hoses (as provided in standpipe connections in buildings) shall not, under any circumstances have water run through them except for actual fire fighting.

(2) Fire extinguishers shall be removed from their assigned locations only for fire fighting or routine maintenance work.

(3) Fire fighting equipment stationed in Hangar 57 is not to be used for starting of aircraft on ramp areas. Equipment for this purpose is supplied by Line Maintenance.

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10. Fire Drills and Training. The Ground Safety Officer (GSO) is responsible for coordinating quarterly squadron fire drills and ensuring that required reports are submitted to the NAS Fire Department per reference (a). All personnel shall be trained at the division level through safety standdowns and drills in the proper procedures for fire protection and prevention.

11. Smoking Regulations.

a. Only matches which require specially prepared surfaces to strike (safety matches) are permitted aboard the NAS.

b. There shall be no smoking by any person in the following areas:

- (1) All squadron spaces
- (2) Within 50 feet of:
  - (a) Gasoline - dispensing operations
  - (b) Flammable liquid and gas-handling or storage
  - (c) Aircraft parking spaces

G. Smoking is authorized only in designated areas outside of squadron spaces. Ash trays shall be utilized and contents disposed of in a safe manner.



D. N. MAYNARD

Distribution: (VT31INST 5216-1P)  
List I

FIRE STATION LOCATION AND BILL

1. The following lists the primary and alternate individuals responsible for manning Hangar 57 fire stations:

<u>STATIONS AND LOCATIONS</u>	<u>INDIVIDUAL RESPONSIBLE/ALTERNATIVES</u>
Hangar 57 eastside	
Station #22 (Passageway by RMS)	1 <sup>st</sup> LT LPO/Training LPO
Station #28 (Passageway by Prop Stop)	Admin LPO/Student Control ALPO
Hangar 57 westside (Flightline)	
Station #21 (Passageway by North Flightline)	Student Control LPO/Schedules LPO
Station #31 (Passageway by Male Head)	Schedules/RMS

## Hangar 57 Sprinkler System Activation

1. The Hangar 57 sprinkler system is divided into two primary sections, one on each side of the hangar (flightline and wash rack side). Each section has controls accessible from the upper catwalk decks of the hangar(second deck passageways).
2. Each primary section is subdivided into 4 areas color coded yellow, green, blue and red.
3. To activate the hangar sprinkler system:
  - a. Locate the fire on the hangar floor.
  - b. Note the color of the crossbeam above the fire.
  - c. Proceed to the pipe with the corresponding color on the second deck catwalk.
  - d. Open the red firebox on the pipe and pull the lever inside. This will activate the sprinkler system for that color section.
4. Heat sensors on the hangar ceiling will activate the sprinkler system for larger fires automatically.