DEPARTMENT OF THE ARMY
HEADQUARTERS, III CORPS AND FORT HOOD
1001 761ST TANK BATTALION AVENUE
FORT HOOD, TEXAS 76544-5000

REPLY TO
ATTENTION OF

AFZF-PW-FES (28) 18 Dec 02

MEMORANDUM FOR FIRE AND EMERGENCY SERVICES

SUBJECT: POLICY LETTER FOR SMOKE DETECTORS IN BARRACKS SLEEPING QUARTERS

1. This policy replaces the existing policy of smoke detectors in barracks sleeping quarters. In the existing policy, the smoke detectors did not send a trouble signal to the Central Fire Station via the Monaco Transceiver.

2. These smoke detectors shall be required to do the following:

a. Be addressable, not conventional with addressable module added.

b. Sound an audible fire alarm device (mini horn) that is controlled by an addressable control module in the same room as the smoke detector.

c. The smoke detector shall show an addressed trouble (i.e. room 101) at-

(1) The building fire alarm panel.

(2) All remote fire alarm annunciators (if any are installed)

(3) Send a trouble on a dedicated ZID (zone) via the Monaco Transceiver to the Central Fire Station. Monaco receiver to read out "**TROUBLE WITH ROOM SMOKE DETECTOR**". (The Fire Department will be able to pin-point room location at the building fire alarm panel or the remote annunciators).

3. If the smoke, heat, or the mini horns are removed from their circuit, the following will occur:

a. A trouble signal will be generated at the fire alarm control panel, remote annunciator and a trouble shall be sent on the Monaco transceiver dedicated ZID (zone) to the Central Fire Station. This trouble signal shall latch into trouble by the FACP until it is manually reset at the FACP.

b. The audible fire alarm device (mini horn) shall be programmed to sound in every room in the building. This function shall have the capability of being programmed in or out of the system by the user (fire department).

4. Heat detectors shall be installed in the sleeping quarters. These detectors will be addressable and shall put the building into general alarm. The heat detector will perform in the following manner:

a. Energize all audible fire alarm devices (mini horns, bells throughout the building).

b. An alarm sent to the Central Fire Station via a dedicated ZID (zone on the Monaco transceiver). Monaco receiver to read out "**ROOM HEAT DETECTOR**".

5. There shall be three (3) devices located in each sleeping quarter.

a. Addressable smoke detector.

b. Addressable heat detector.

c. Mini horn with an addressable control module.

6. The system shall have the following operating features:

Evacuation alarm and trouble silence switch, which, when activated, will silence alarm devices and trouble audio and visual, but will not affect the zone indicating LED/LCD nor the operation of the transmitter. This switch shall be over-ridden upon activation of a subsequent alarm or trouble from an unalarmed or un-troubled device. The NAC devices will be activated from a new device alarm.

STEVE O. CUTCHENS
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