



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
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Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 204-92-E Vol. 5

Manufacturer: Casey Systems, Inc.

Trade Name(s): Casey Systems, Inc.

Product: COMTRAK 1720/2000 Fire Command Stations and Translator Card for use with EST2 & EST3 fire alarm control panels

Pertinent Code Section(s): Reference Standards RS 17-3, RS 17-3A, RS 17-3B and Subchapter 17

Prescribed Test(s): 2002 Edition of NFPA 72

Laboratory: Factory Mutual Research

Test Report(s): Project No. 3030551 (Class 3010), dated November 2, 2007

COMTRAK 1720 Fire Command Station with EST3 Translator Card used with Casey Systems 1720 Series Life Safety System Design and Components:

- 12" video LCD display
- Single-stroke instruction button for instant operating information
- Depression of one button returns the center LCD to the main menu
- Automatic or manual inquiry and evacuation tones with strobe signaling
- Continuous internal and external supervision of all vital circuits and devices
- Stable non-volatile flash memory
- Factory programming with field programming option
- Built-in telephone handset and noise canceling capability
- Headset jack for hands-free operation
- Provisions for off-premise signaling to central station or municipal tie
- Off-premise communications may be suspended for test purposes
- Convenient and easy to read, built-in "FIRE" sign
- Operates in standard or addressable mode
- All status changes are positive, successive and non-interfering
- Automatic alarm condition signaling as required

- Alarm condition automatically sets mechanical devices as required
- Provisions are provided for manual over-ride of all mechanical controls
- Compatible with EST3 panels (via the 1720/EST3 Translator) and signature series analog devices
- Compatible with the 1720/EST3 Translator- (software version 1.0.0)
- Compatible with System Sensor smoke detectors models 2151, 1451 and detector base B110RLP
- Compatible with system sensor duct detector model DH100LP
- EST3 panel SDU software version 3.6
- Provisions for annunciating and controlling digital and analog devices
- Provisions for controlling EST3 audio amplifiers
- Built-in false alarm resistive circuitry and software
- Wiring connections utilize convenient terminal blocks and plugs
- Main power requirements: 120VAC at 60Hz
- COMTRAK 1720 software version 08.28.92
- COMTRAK 1720 standby current = .75 A, alarm current = .80 A
- Temperature operating range: 32F – 120F (0 C- 49 C)
- Humidity operating range: 5% to 90% RH, non-condensing

COMTRAK 2000 Fire Command Station with EST3 Translator Card used with Casey Systems 1720 Series Life Safety System Design and Components:

- 12" video LCD display with associated soft-key controls
- Three discrete 4 - line 20 - character alphanumeric displays for communications/signals, devices status and controls
- Over fifty red, green and amber light emitting diode type lamps
- Three separate directional scroll arrow for easy LCD scrolling
- Seven screen driven soft-keys for direct control and command purposes
- Single stroke instruction button for instant operating information
- Depression of one button returns the center LCD to the main menu
- Automatic or manual inquiry and evacuation tones with strobe signaling
- Continuous internal and external supervision of all vital circuits and devices
- Stable non-volatile flash memory
- Factory programming with field programming option
- Built-in telephone handset and noise canceling push-to -talk microphone
- Headset jack for hands-free operation
- Provisions for off-premise signaling to central station or municipal tie
- Off-premise communications may be suspended for test purposes
- Convenient and easy to read, external "FIRE" sign
- Operates in standard or addressable mode
- All status changes are positive, successive and non-interfering
- Automatic alarm condition signaling as required
- Alarm condition automatically sets mechanical devices as required
- Provisions are provided for manual over-ride of all mechanical controls
- Compatible with the 1720/EST3 Translator- (software version 1.0.0)
- Compatible with EST3 panels (via the 1720/EST3 Translator) and signature series analog devices

- Compatible with System Sensor smoke detectors models 2151, 1451 and detector base B110RLP
- Compatible with system sensor duct detector model DH100LP
- EST3 panel SDU software version 3.6
- COMTRAK riser to EST3 panel must be in conduit
- Provisions for annunciating and controlling digital and analog devices
- Built-in false alarm resistive circuitry and software
- Wiring connections utilize convenient terminal blocks and plugs
- Main power requirements: 120VAC at 60Hz
- COMTRAK 2000 software version 4.0.0
- COMTRAK 2000 standby current = 1.23 A, alarm current = 1.26 A
- COMTRAK 2000 standby power: built-in sealed battery with changer
- COMTRAK 1720 software version 08.28.92
- COMTRAK 1720 standby current = .75 A, alarm current = .80 A
- Temperature operating range: 32F – 120F (0 C- 49 C)
- Humidity operating range: 5% to 90% RH, non-condensing
- Height: COMTRAK 2000 at faceplate less back box- 16 1/8, back box- 15 3/8
- Width: COMTRAK 2000 at faceplate less back box- 31 1/2, back box – 29 7/8
- Depth: COMTRAK 2000 with faceplate less back box -17 1/2, back box – 16 1/2

Pursuant to "Promulgation of the Rules relating to Material and Equipment Application Procedures" dated November 5, 1992, the Bureau of Fire Prevention has no objections (letter dated February 21, 2008, F.P. Index #0801007A).

Terms and Conditions: The above-described fire alarm equipments are accepted under the following conditions:

1. All uses, configurations, arrangements and functions, application and installations comply with all applicable provisions of New York City Building Code, specifically Subchapter 17, and Reference Standards RS 17-3, 17-3A, 17-3B, 17-3C and 17-5. Further, the installation shall be in accordance with FM Approvals (Project ID: 3030551) requirements and manufacturer's recommendations.
2. FM Approvals requirements and limitations shall be complied with.
3. When used with central office communicator or transmitter, the installation and operation of the equipment and devices listed herein shall comply with the Fire Department Rule #3, RCNY §17-01, NFPA 72, and shall have the capability of transmitting separate and distinct signals to indicate manual pull station alarm, automatic smoke/heat detection alarm, sprinkler waterflow alarm, supervisory signal indications and trouble indications.
4. The connection of security devices and equipment to that submitted for acceptance for fire alarm usage under this MEA application is prohibited within New York City and such equipment and devices shall be so permanently labeled.

Final Acceptance March 31, 2008
 Examined By Donald [Signature]