

# Report of Inspection/Test

## Annual AFPS Fire Alarm Inspection

March 27, 2007

### Property

Customer Example  
1234 Practice Lane  
Atlanta, GA 30305

### Owner/Agent

6100 GA Highway 20  
Loganville, GA 30052  
Phone: 770-554-3004  
Fax: 770-554-5095  
www.alliancefire.com



Conducted by: Russell Lewis

Inspection Ref: 26130

### Notifications

To Be Notified	Testing	Time	Phone	Contact
Jessie Hawk	Start	1:00	1:00	Jessie Hawk
	End	2:30	2:30	Jessie Hawk

### Alarm Panel Information

Panel Manufacturer Silent Knight	Model SK-5208	Serial No. 151205 Rev.C	Location Electrical room outside
Over current Protection Type	Over current Size (Amps)		Primary Supply Disconnect Location / Panel # / Breaker #

### Battery Test

Location	Qty	Type	Manufacturer Model	Replacement Date	Condition	Electrolyte	Connections	Leaks or Corrosion	Load Current (Amps)	Measured Voltage			
										With Charger	No Load	Under Load	No Load After Test
Electrical room outside	1	Sealed Lead Acid	Universal Battery	Unknown	Ok	Ok	Ok	Ok	7.7	13.4	13.0	13.1	13.0
Electrical room outside	1	Sealed Lead Acid	Universal Battery	Unknown	Ok	Ok	Ok	Ok	6.3	13.7	13.3	13.3	13.0

### System Function Summary & Test

Function	Description	Test Result
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### Alarm Functions

Alarm Bells/Horns/Strobes	Evacuation Alarm functions including Bells/Horns/Strobes actuate properly	Pass
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### Alarm Panel Supervisory Functions

Panel AC Power Loss	Loss of AC power to the alarm panel is detected by the alarm system.	Pass
Panel Sec Power Loss	Loss of Secondary power to the alarm panel is detected by the alarm system.	Pass
Open Alarm Circuits	Electrical opens in initiating and indicating circuits are detected.	Pass
Short Alarm Circuits	Electrical shorts in initiating and indicating circuits are detected.	Pass
Panel to Panel Circuits	Integrity of single or multiple circuits providing interface between two or more control panels verified.	Pass

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### System Function Summary & Test

Function	Description	Test Result
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#### Auxiliary Functions

Remote Annunciator	Remote annunciator shows properly	Pass
HVAC Shutdown	HVAC shutdown upon an alarm condition.	Pass

#### Panel Inspection

- Yes Was panel free of troubles upon arrival?
- Yes System was in operation upon arrival?
- Yes Panel and surrounding equipment, conduit and wiring well secured and in good condition
- Yes Are all lamps and displays operating correctly?
- Yes Primary power supply operates properly under full load ?
- Yes Transient suppressors visually inspected?
- Yes Have all fuses been checked for rating and supervision ?

**No** Are operating instructions posted or available at the panel?

**The National Fire Protection Association requires that operating instructions to be located on site. We will price at your request.**

**No** Are zones labeled and identified?

**Zones should be clearly labeled and identified.**

#### Alarm Device Summary

Device Type	Quantity	Manufacturer Model
Pull Station	1	Firelite BG-10
Pull Station	6	Fire-Lite BG-10
Smoke detector	1	System sensor 2WT-B

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## Alarm Device List

Device Type	Zone/ Address	Equip ID	Location/Description	Manufacturer Model	Physical Condition	Functional Test
Pull Station	6	NA	Tag office entrance	Firelite BG-10	Ok	Ok
Pull Station	7	NA	Detective squad room rear exit	Fire-Lite BG-10	Ok	Ok
Pull Station	2	NA	Fire Department exit to apparatus bay	Fire-Lite BG-10	X	Ok
<b>Set screw that holds pull station together is broken. Pull station needs to be replaced.; Plastic was broken where the screw was. Replaced the screw but still needs to be replaced.</b>						
Pull Station	6	NA	Meeting room C	Fire-Lite BG-10	Ok	Ok
Pull Station	7	NA	Rear exit police department	Fire-Lite BG-10	Ok	Ok
Pull Station	7	NA	Police department rear exit	Fire-Lite BG-10	Ok	Ok
Pull Station	2	NA	Fire department kitchen rear exit	Fire-Lite BG-10	Ok	Ok
Smoke detector	Unknown	NA	Electrical room outside	System sensor 2WT-B	Ok	X
<b>Smoke detector did not go off with the appropriate amount of smoke. Smoke head needs to be replaced.</b>						

Inspection Service Summary	Number of Items	8	S	Items serviced	0	0
			X	Items requiring service	1	1

## Sound Level Testing

Location	Ambient Sound Level (db)	Alarm Sound Level (db)	Voice Intelligibility Ok (Speakers)	Pass Test
Throughout East Cobb Government center	57	97	NA	Yes

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### Deficiency Summary

These items were deficient and do not meet the requirements of the applicable code at the time of the inspection. Items marked *Recommendation* are not required by the applicable code but are opportunities to improve the Life Safety of the property.

#### Alarm Device Detail

Set screw that holds pull station together is broken. Pull station needs to be replaced.

**Pull Station**      **Device**

Plastic was broken where the screw was. Replaced the screw but still needs to be replaced.

**X**      **Condition ?**

#### Alarm Device Detail

**Smoke detector**      **Device**

Smoke detector did not go off with the appropriate amount of smoke. Smoke head needs to be replaced.

**X**      **Alarm Test ?**

#### Panel Inspection

**No**      **Are operating instructions posted or available at the panel?**

The National Fire Protection Association requires that operating instructions to be located on site. We will price at your request.

**No**      **Are zones labeled and identified?**

Zones should be clearly labeled and identified.