



Service Letter 26-6

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<u>Revision</u>	<u>Date</u>	<u>Description</u>
IR	01 May 2014	Initial Release
A	15 January 2015	Added MARK 0070

Subject: Loading of Cargo Compartment to Insure Proper Functioning of the AAE Cargo Fire Protection System (FPS).

Compliance: For new installations, this Service Letter shall be performed as part of the STC type design's installation. For existing installations, this Service Letter shall be performed during the next scheduled maintenance check or no later than December 31, 2015.

Approval: The technical content of this Service Letter that affects the AAE Cargo FPS type design is *FAA approved*.

Applicability:

<u>AAE, LTD. STC No.</u>	<u>Aircraft Model</u>
ST01674AT	B737-200, -300, -400, -500
ST01114WI and EASA.IM.A.S.01826	B737-200, -300, -400, -500
ST02144AT	B727-100
ST01742AT	B727-200
ST01455AT	DC-9-10, -21, -30, -41, and -50 series or DC-9-81, -82, -83, -87, MD-88 and MD-90-30 series
ST01138WI and EASA Approval No. 2148	DC-9-10, -21, -30, -41, and -50 series or DC-9-81, -82, -83, -87, MD-88 and MD-90-30 series
ST01077WI and EASA.IM.A.S.03172 Revision 1	A320
ST03001AT and EASA.IM.A.S.01934	Fokker F.28 MARK 0100 and MARK 0070
ST02093AT	Lockheed L1011

Summary: Although the above AAE STC's don't include any limitation restricting the height of loaded cargo, it has recently been brought to our attention that operators may be over stacking cargo in the bulk cargo compartments that are equipped with an AAE cargo fire protection system (FPS) including detector enclosures and suppression nozzles. Doing so may block the installed Cargo FPS Smoke Detectors and Suppression Nozzles, thus jeopardizing their ability to perform their intended function.

Required Action: When loading cargo in the cargo compartments of Transport Category Aircraft that are equipped with any of the above AAE STC's, use reasonable care when loading and unloading cargo in order to protect the detector enclosures and suppression nozzles from damage; report any suspected damage to maintenance before the next flight; and further, **do not block any AAE Cargo FPS smoke detector or suppression nozzle with cargo, or any other material, that is loaded in the compartment.** AAE has self-adhesive labels available for purchase that, when applied, serve as notification to the ground crew not to block the Cargo FPS smoke detectors or suppression nozzles.

Application:

1. To insure a good seal, clean and dry the surface to remove dust or other particles before applying labels.
2. Apply AAE Label P/N TFC05-0072 "DO NOT BLOCK CARGO FPS SMOKE DETECTORS" to the compartment ceiling panel(s) at each smoke detector location so they are clearly visible to the ground crew responsible for loading the cargo compartments. **DO NOT** apply label on sealing tape around the AAE Cargo FPS enclosure.
3. Apply AAE Label P/N TFC05-0073 "DO NOT BLOCK CARGO FPS SUPPRESSION NOZZLES" to the compartment ceiling panel(s) at each suppression nozzle location so they are clearly visible to the ground crew responsible for loading the cargo compartments. **DO NOT** apply label on sealing tape around the AAE Cargo FPS firex nozzle.

IMPORTANT – DO NOT USE spray paint in the cargo compartment with stencils to mark the warnings shown below as the overspray will damage the detectors.

RECOMMENDED ACTION – Visually inspect the labels during each regularly scheduled maintenance visit for presence and condition.

P/N TFC05-0072
Label "DO NOT BLOCK CARGO FPS
SMOKE DETECTORS"



Sample Label

P/N TFC05-0073
Label "DO NOT BLOCK CARGO FPS
SUPPRESSION NOZZLES"



Sample Label

Contact AAE, Ltd for current pricing. Availability is 3-5 days ARO. Your order should be submitted by email to sales@aae-ltd.com or aaeltd@compuserve.com; or by fax at 816-228-4191.