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**AIRWORTHINESS DIRECTIVE**

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For the reasons set out in the background section, the CASA delegate whose signature appears below issues the following Airworthiness Directive (AD) under subregulation 39.001(1) of CASR 1998. The AD requires that the action set out in the requirement section (being action that the delegate considers necessary to correct the unsafe condition) be taken in relation to the aircraft or aeronautical product mentioned in the applicability section: (a) in the circumstances mentioned in the requirement section; and (b) in accordance with the instructions set out in the requirement section; and (c) at the time mentioned in the compliance section.

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**Cessna 525 Series Aeroplanes****AD/CESSNA 525/5****Engine Fire Extinguisher  
Bottle Wiring Identification****11/2005**

Applicability: Cessna 525 series aeroplanes as follows:

| Model | Serial Number Range         |
|-------|-----------------------------|
| 525   | 525-0001 through 525-0600   |
| 525A  | 525A-0001 through 525A-0234 |
| 525B  | 525B-0001 through 525B-0035 |

- Requirement:
1. Install identification sleeves on the wires for both engine fire extinguisher bottles in accordance with the following applicable Cessna Citation Service Bulletin (SB):
    - a. SB525-26-01 dated 5 April 2005,
    - b. SB525A-26-02 dated 5 April 2005, or
    - c. SB525B-26-01 dated 5 April 2005.
  2. Reconnect the wires to both engine fire extinguisher bottles and test the wires for correct installation in accordance with the applicable Citation SB listed in Requirement 1.

*Note: FAA AD 2005-17-11 Amdt 39-14232 refers.*

Compliance: For Requirement 1 - Within the next 60 days or 100 hours time-in-service after the effective date of this Directive, whichever occurs first.

For Requirement 2 - Before further flight after Requirement 1 is accomplished.

This Airworthiness Directive becomes effective on 27 October 2005.

Background: The United States Federal Aviation Administration (FAA) has received reports of wires incorrectly connected to the engine fire extinguisher bottles. This Directive requires the installation of identification sleeves on the wiring for both engine fire extinguisher bottles.

**Cessna 525 Series Aeroplanes**

AD/CESSNA 525/5 (continued)

The Directive is issued to prevent incorrect installation of the wires to the engine fire extinguisher bottles, which could result in failure of the engine fire extinguisher bottles to discharge when activated. This failure could lead to the inability to control an engine fire.

A handwritten signature in black ink, appearing to read 'James Coyne', with a stylized flourish at the end.

James Coyne  
Delegate of the Civil Aviation Safety Authority

15 September 2005