

(I) Bell 206 Series Helicopters

I CAA Additional Airworthiness Directives

1.1 001-02-2002

Description

Inspection of fuel boost pumps and internal fuel cell hoses for correct configuration.

Applicability – Compliance – Requirement

Applicable to Bell 206A and 206B helicopters equipped with fuel boost pumps Part No. 206-062-681, Bell 206A and 206B helicopters with Serial Nos. prior to 2212 and Bell 206A and 206B helicopters with Serial Nos. 2212 to 3566 which have not complied with Bell Technical Bulletin 206-82-75.

Compliance is required not later than 3 months from the effective date of this Directive, which is 1 March 2002. Bell 206A and 206B helicopters equipped with fuel boost pumps Part No. 206-062-681 must comply with Part I of this Directive. Bell 206A and 206B helicopters with Serial Nos. prior to 2212 and Bell 206A and 206B helicopters with Serial Nos. 2212 to 3566 which have not complied with Bell Technical Bulletin 206-82-75 must comply with Part II of this Directive.

Requirement:

Part I: Inspection of Fuel Boost Pump 206-062-681.

- a) From the logbook, determine the Part No. of fuel boost pump installed.
- b) If fuel boost pump 206-062-681 is installed, proceed with the next step c), otherwise if fuel boost pump has a different Part No. proceed with Part II of this Directive, if applicable.
- c) In accordance with the applicable Maintenance Manual paragraph 12, drain fuel system.
- d) In accordance with the applicable Maintenance Manual paragraph 28, remove the two fuel boost pumps. Inspect them for presence of fuel boost pump umbrella check valve Part No. E6-34-1, existing on the top of the body pump (Refer to figure 1 in Parker Aerospace Product Reference Memo Number: 50). If valve is missing, procure a new valve and install it in accordance with the Parker Aerospace Product Reference Memo Number: 50.

Part II: Inspection of Fuel System Tubes.

With reference to the applicable Illustrated Parts Breakdown Manual chapter 28 figure 28-2, inspect internal fuel cell hoses as follows:

- a) Verify internal fuel cell hoses for presence of anti-chafing covering.
- b) Verify presence of spacer clamp Part No. MS21919 as shown in figure 28-2 item 65 and 66 of applicable illustrated Parts Breakdown Manual.
- c) If required, replace internal fuel cell hoses and/or install spacer clamp.

Return helicopter to flight configuration.

NOTE: ENAC (the Italian Aviation Authority) have issued AD 2000-356 applicable to Agusta Bell AB206A, AB206B and AB206B III helicopters on this subject.