

Robinson R22 Series Helicopters

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**AD/R22/3  
Amdt 1**

**Tail Rotor Transmission - Inspection**

**4/81**

Applicability: All R22 series helicopters with serial numbers 0002 to 0099.

Documents: 1. Robinson S.L. 6 (Serial Nos. 0002 to 0058 only.) and  
2. Robinson S.B. 7.

Compliance: Within 10 hours time in service after 4 March 1981.

*Note: Helicopters previously inspected in accordance with AD/R22/3 need only have the drive shaft damper inspected additionally in accordance with para. 5 of S.B. 7.*

Background: This directive is intended to prevent failure of A193-2 forward tail rotor coupling flex plate and loss of power to tail rotor and is issued as the result of receiving FAA AD 80-26-06 Amendment 39-3997. The Directive is raised in issue to include an expanded serial number range, and to introduce an inspection of the tail rotor drive shaft damper. Robinson S.L. 7 is replaced by Robinson S.B. 7.