

Agusta A109 Series Helicopters

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**AD/A109/18**  
**Amdt 3**

**Upper Transmission Mount Fitting**

**8/91**

Applicability: All model A109A and A109AII series helicopters and A109C series helicopters up to S/N 7628; equipped with upper transmission mount fitting P/N 109-0402-27-11.

- Requirement:
1. Visually inspect the aft lugs of the upper right and left transmission mount fittings, in the visible area, for integrity, without removal of any components.
  2. Manufacture and install a placard with the following instructions:  
  
VNE=140 kts sl to 3000 ft.  
  
Above 3000 ft decrease  
  
All placarded VNE by 20 kts.  
  
Avoid rough manoeuvres and rough flares.
  3. Replace the upper transmission mount fittings in accordance with BT No 109-80 revision B.

*Note: RAI AD 91-202 refers.*

- Compliance:
1. Prior to each flight.
  2. Unless already accomplished; on receipt of this Airworthiness Directive.
  3. Unless already accomplished; Prior to 31 October 1991.

*Note: Compliance with Requirement 3 cancels Requirement 1 and 2 for all models.*

Background: Original AD was issued in response to a report of a cracked transmission mount fitting on a A109C model, in the area of the left hand aft support leg connection.

Amendment 1 expanded the AD Requirement to include all A109 models, in response to a similar case of cracking on a A109 II model in the area of the right hand aft support leg connection.

Amendment 2 introduced an improved mount fitting for the A109C model, which constituted terminating action for the repetitive inspection and flight limitations.

Amendment 3 is raised in response to the Country of Origin AD which requires terminating action to be incorporated on models A109A and A109A II.