

Piper PA-28 Series Aeroplanes

**AD/PA-28/28
Amdt 2**

**Stabilator and Balance Weight
Tube Assembly - Inspection**

3/80

Applicability: All models PA-28-140, -150, -160, -180 and 180S except those fitted with tube P/N 69623-04V and subsequent P/N tubes. All models PA-28R-180 and -200, and PA-28-235 except those fitted with tube P/N 69623-02V and subsequent P/N tubes.

Requirement: 1. Using a magnetic particle or dye penetrant method, inspect the stabilator balance weight tube assembly for cracking in the vicinity of the control cable lugs and the tube attachment bolt holes.

Note: A magnetic particle inspection method must be used where mechanical means or sand blasting has been used to remove surface protective treatment.

2. Visually inspect the stabilator/tube mount fittings P/N 63567-03 (2 off) for wear, cracking and/or loose rivets.

3. Inspect the stabilator mounting points for possible stabilator side movement. Should side movement be evident, install combination of AN960-416L and AN960-416 washers as many as necessary to centre the stabilator assembly and eliminate any side movement.

Note: Piper SB No. 327 details removal and installation of the balance weight tube.

Compliance: Before exceeding 500 hours total time in service for aircraft with less than 450 hours time in service as at 12 January 1971 unless already inspected in accordance with the preceding issue of this Directive. Within 50 hours time in service for aircraft with more than 450 hours total time in service as at 12 January 1971 unless inspected in accordance with the preceding issue of this Directive. Thereafter at intervals not exceeding 200 hours time in service.

Background: The applicability statement has been amended to remove the possibility of ambiguity.