

Subject: Replacement of bolts and inspection for cracks

Applies to: SAAB SAFIR 91B, 91B2, 91C and 91D

Reason: Possibility of fatigue failure in specific joints on aircraft with a considerable amount of flying hours

Required action: Replace wing coupling bolts and bolts connecting engine mount to fuselage and bolts connecting engine to engine mount, and check the fin and stabilizer front fitting for cracks and carry out an ultrasonic test or a dye penetrant inspection, in and around the holes for the bolts, attaching the lower brackets to the wing and fuselage spar, in accordance with SAAB-SCANIA Service Bulletin No. 91.1.003, Issue 2, dated March, 1979

Date: 1980-11-03

Time of compliance:

- 1 Wing coupling bolts must be replaced on aircraft with more than 3000 hours in service but before 5000 hours in service. Thereafter at intervals not to exceed 3000 hours in service.
- 2 Bolts connecting engine mount to fuselage and bolts connecting engine to engine mount must be replaced every 5000 hours in service
- 3 Fin and stabilizer front fitting must be checked for cracks and if necessary exchanged at 5000 hours in service
- 4 The area in and around the holes for the bolts attaching the lower brackets to the wing and the fuselage spar must be ultrasonic or dye penetrant checked at 6000 hours in service

If the aircraft after 6000 hours in service shall be used for aerobatic, max $N_2 = 4,8$ may be allowed. Described inspection (4) shall than be performed every 350 hours in service.

If the aircraft after 6000 hours in service will be used according to FAR 23 category, Normal or Utility, the inspection (4) is necessary only every 1000 hours in service.