



NOTE: *Only engineering aspects are ENAC approved. If inspection, modifications or technical prescriptions and their relative times of compliance are compulsory for ENAC, the sanction is in the relevant airworthiness directives.*

INFORMATION **RECOMMENDED** **MANDATORY** **SUBJECT:**

FIN P/N 92-5-100-000

A/C P92-J

SCOPE:

A crack has been found on the fin's rear spar. Because of this it is necessary to carry out a close inspection/modification as reported at point 1 (Instructions).

MODEL AFFECTED:

P92-J from s/n 001 up to s/n 012 excepted s/n 003.

TIME OF COMPLIANCE:

Inspection: Before the flight after the receiving of this S/B
Modification: See 1.2 point

MANPOWER:

~ 0.30 hrs/man for the inspection
~ 3.00 hrs/man for the modification

REQUIRED MATERIAL:

Rivets type MS20470 AD4-4

TOOLING:

None

WEIGHT AND BALANCE:

No changes.

REFERENCES:

P92-J Maintenance Manual
P92-J Illustrated Parts Catalogue

PUBLICATION AFFECTED:

None



1- INSTRUCTIONS

This Service Bulletin is made of two parts. The first of them regards an inspection of the fin's rear spar and must be carried out before the flight after the receiving of the present S/B and then every 50 hours until the execution of the modification. The second is a modify operation:

- ⚡ for aircraft having less than 600 flying hours, within the next 600 hrs special inspection.
- ⚡ for aircraft having more than 600 flying hours, within the next 100 hrs inspection.

1.1 INSPECTION *(To be carried out BEFORE the flight after the receiving of this bulletin.)*

- A. Following the instruction outlined into the Maintenance Manual, remove the composite tail cone.
- B. Clean with care the zone indicated in fig.1.
- C. Using a magnifying glass (10x) with a spot light, check for integrity all the rivets indicated in fig.1 and the spar's status. In case of cracks or any other problems, suspend immediately the flights and inform TECNAM.
- D. Re-assemble the composite tail cone.
- E. Register on the Aircraft Logbook the application of this SB.

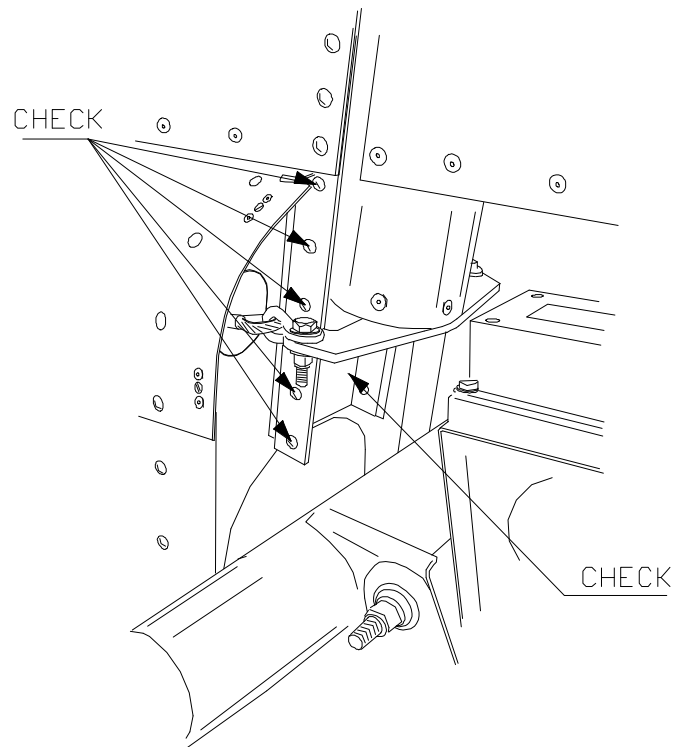


Fig.1



1.2 MODIFICATION (*Within the next 600hrs special inspection for aircraft having less than 600 flying hrs. Within the next 100hrs inspection for aircrafts having more than 600hrs flying hrs.*)

- A. Following the instruction outlined into the Maintenance Manual, remove the composite tail cone.
- B. With reference to the Maintenance Manual pag. C-12, remove the rudder.
- C. Clean with care the zone indicated in fig.1.
- D. As outlined in the fig.2, mark some reference for the new rivets.
- E. Drill holes at \varnothing 2.5mm by drilling angle and than at \varnothing 3.2mm. Clean the holes and than rivet using rivets type MS20470 AD4-4.
- F. Re-install the rudder.
- G. Check the correct functioning of the rudder and perform the double control inspections.
- H. Re-install the composite tail cone
- I. Record the application of the present service bulletin in the aircraft's log book.

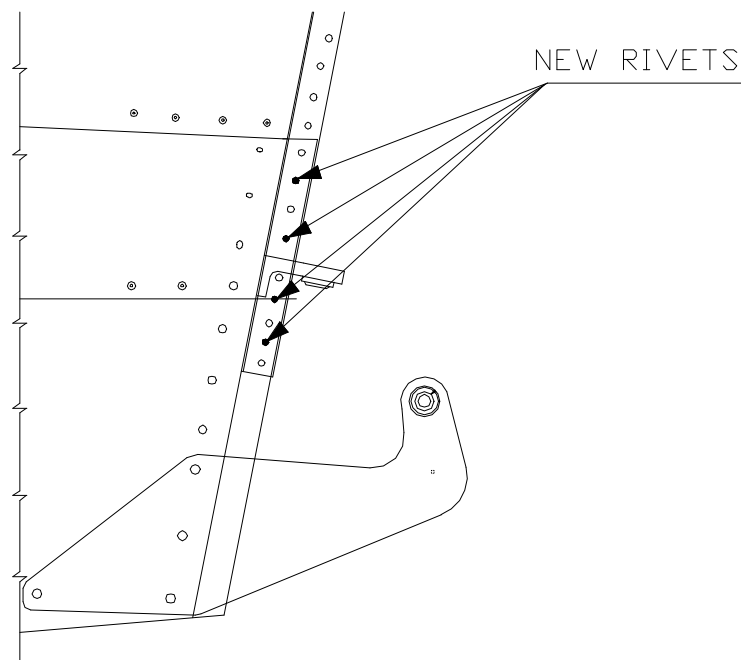


Fig. 2