

AVIONS PIERRE ROBIN

DIJON

France

SERVICE

SERVICE BULLETIN N° : 54

OBJECT : Replacement of VOR aerial supporting rib, on fin

Aircraft concerned : HR 200 equipped with VOR aerial, up to n° 85 inclusive.

Date : 25.10.1974

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Date of application : June 30th  
1975 at the latest.

Approved by : S.G.A.C.

Since cracks have been detected on the plastic rib supporting the VOR aerial of certain aircraft, this rib has been replaced by a metal rib, starting with aircraft n° 86, onto which is bolted a CELERON aerial supporting bracket.

- 1 - Within the 10 flying hours following the receipt of this Service Bulletin, check the state of the plastic material rib. If cracks are detected, replace it immediately as described on page 2/2.
- 2 - Repeat the above check every 50 flying hours.
- 3 - Replace the plastic rib by a metal rib, before June 30th 1975.

IMPERATIVE

To replace the VOR aerial supporting rib, proceed as follows :

- 1 - Disconnect the rudder control cables from the rear tensioners. Unlock and remove the rudder hinge bolts. Remove the rudder, taking care not to damage the electrical leads to the rear navigation and anti-collision lights.
- 2 - Disconnect and remove the two VOR aerial leads secured on the plastic rib.
- 3 - With a pin-drift, drive out the centre pins of the 10 AVEK rivets securing the plastic rib to the skin.
- 4 - Drill out the head of the 10 rivets, with a 3.2 mm dia. drill. Remove the rib.
- 5 - Offer in position the new rib, fitted with the aerial bracket ; its flat surface must be flush with the top of the fin and must not protrude (risks of rubbing against the rudder horn).
- 6 - Counter drill the new rib, through the skin, to 3.30 mm dia., using the previous holes as pilot holes. Drill an additional hole on either side of the fin, 100 mm from the trailing edge of the latter.
- 7 - Fit 12 new AVEK 1601-0410 rivets.
- 8 - Refit and reconnect the VOR aerial leads, making sure that they do not rub against the fin skin.
- 9 - Fit the rudder surface back in position (do not forget to lock the hinge bolts).
- 10 - Connect up the rudder control cables and check tensioning (10/12 kg - 22/26 lb).

PARTS REQUIRED :

- 1 rib n° 2123.27, complete with bolted aerial bracket.
- 12 AVEK 1600-0410 rivets (3.2 mm dia., flat head, with steel pins).
- 2 split pins (1.5 mm dia.).

