

BUREAU VERITAS

AIRWORTHINESS DIRECTIVE

released by Direction Générale de l'Aviation Civile

Inspections and/or modifications described below are mandatory. No person may operate a product to which this Airworthiness Directive applies except in accordance with the requirements of this Airworthiness Directive.

Translation of "Consigne de Navigabilité"
Réf. : 83-166-18(B)
In case of any difficulty, reference should
be made to the French original issue.

**AEROSPATIALE HELICOPTERS AS 355 ALL MODELS (ECUREUIL II/TWINSTAR)
MAIN GEAR BOX - EPICYCLIC REDUCTION GEAR P/N 350A.32.0100.05
REDUCTION OF LIFE LIMIT OF PLANET PINION CAGE**

In order to prevent a fatigue failure of a planet pinion cage, the following measures have been rendered mandatory :

PLANET PINION CAGE P/N 350A.32.3147.20

Service life limit is reduced definitively from 9000 h to 160 h.

This measure applies as follows for planet pinion cage which had accumulated more than 150 h on April 15, 1983 :

Remove from service within the next 10 hours time in service after April 15, 1983

PLANET PINION CAGE P/N 350A.32.1081.20 OR .21

Service life limit is now further reduced to 300 hour time in service by the present airworthiness directive.

This measure applies as follows for planet pinion cage which have accumulated more than 250 hours on effective date of the present directive :

Remove from service within the next 50 hours time in service after effective date of the present airworthiness directive

Note :

The equipment log card for the epicyclic reduction gear P/N 350A.32.0100.05 shows the reference of the installed planet pinion cage (P/N 350A.32.3147.20 or 350A.32.1081.20 or .21)

The measures subject of the present airworthiness directive will be introduced in a revision of the corresponding documentation of the manufacturer, Master Servicing Recommendations (MSR/PRE) and airworthiness limitations (ch. 5.99).

Cf. : SERVICE BULLETIN AEROSPATIALE AS 355 No 01.07, Rev. 2 or approved subsequent revision

The present airworthiness directive cancels and supersedes airworthiness directive n° 83-119-16(B).

EFFECTIVE DATE : OCTOBER 20, 1983

Date : Oct. 12, 1983

**AEROSPATIALE HELICOPTERS AS 355
ALL MODELS (ECUREUIL II/TWINSTAR)**

Ref. : 83-166-18(B)