

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"
86-41-24(B)
Réf. :
In case of any difficulty, reference should
be made to the French original issue.

AEROSPATIALE HELICOPTERS AS 332 SUPER PUMA (ALL VERSIONS)

COUNTING FLIGHT CYCLES PERSONALIZED PART NUMBERS - SERVICE LIFE LIMITS

The present Airworthiness Directive is applicable to AEROSPATIALE SUPER PUMA HELICOPTERS AS 332C, C1, L and L1.

With a view to improving the assembly and component follow-up conditions, the following measures have been rendered mandatory :

A/ From the effective date of the present Airworthiness Directive, an exact record of the number of cycles performed must be kept in accordance with the directives prescribed in AEROSPATIALE documents "Master Servicing Recommendations" (P.R.E.), Section 5.99, "Airworthiness Limitations", Revision 11 (AS 332 Versions L and L1) and Revision 13 (As 332 Versions C and C1) or subsequent approved revisions.

As prescribed in the documents referenced above, the part numbers of the assemblies and components listed therein must be personalized according to the aircraft version to which they are first assigned (332C, C1, L, L1) and any restrictions concerning their mixability must be observed.

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Date : 19/03/86

AEROSPATIALE HELICOPTERS AS 332

86-41-24(B)

B/ - The service life limits of the assemblies and components listed below are expressed in numbers of cycles and are reduced to the following values :

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|------------------------------------|---|------------------------------------|---------------|
| . Main rotor head. Rotor shaft | | 330 A 31.1222.05, .06, .08, .09 | 18 800 cycles |
| . Main rotor head. Rotor shaft | | 330 A 31.1222.10, 11, 12, 13 | 18 800 cycles |
| . Main rotor head. MRH spindle | | 332 A 31.1390.02, 03, 05, 06 | 12 800 cycles |
| . Main rotor head. Titanium flange | | 330 A 31.1101.26 | 18 200 cycles |
| . Epicyclic reduction gear | Planet gear cage 2nd stage | 332 A 32.2130.22, 23, 28, 29 | 8 000 cycles |
| . Tail rotor drive | Intermediate bearing shaft | 332 A 34.1062.20 | 22 000 cycles |
| . Tail rotor drive | Splined flange steel | 332 A 34.1060.20 | 66 000 cycles |
| . Tail rotor drive | Light alloy drive shaft, intermediate horizontal elements | 332 A 34.0027.00 | 57 000 cycles |
| . Tail rotor drive | Light alloy drive shaft, slanted element | 332 A 34.1088.00 | 27 500 cycles |
| . Tail rotor drive | Light alloy drive shaft, aft horizontal element | 332 A 34.1095.00 | 57 000 cycles |

NOTE : Refer to AEROSPATIALE documents "Master servicing recommendations" Section 5.99, Revision 11 (AS 332 L, L1) and Revision 13 (AS 332C, C1) or subsequent approved revisions for the other limitations concerning the assemblies and components listed above.

EFFECTIVE DATE : MARCH 26, 1986