

AIRWORTHINESS DIRECTIVE
RELEASED BY THE SECRETARIAT GENERAL
FOR CIVIL AVIATION

The inspections or modifications described below are mandatory. Failure to comply with Airworthiness Directives entails suspension of the Certificate of Airworthiness (see decree regarding airworthiness requirements for civil aircraft).

Translation of 'Consigne de Navigabilité
Réf. 77-114-17 (B)
In case of any difficulty, reference
should be made to the French original text.

AEROSPATIALE HELICOPTERS SA 330 PUMA ALL VERSIONS

MAIN GEAR BOXES - INSPECTION OF INPUT REDUCTION GEARS

NOTE : The present directive is applicable to the main gear boxes all dot numbers which have not received modification AMS 07.51.099 or AMS 07.51.100.

Following several cases of failure of an input reduction gear on main gear box with partial split of housing attributed to damage suffered by 23.000 RPM pinions during acceptance bench testing, the inspection of all the input reduction gears was rendered mandatory in accordance with technical instruction 01.21 included in AEROSPATIALE S.B. PUMA 01.21. This inspection is applicable on the one hand to all the reduction gears liable to have suffered damage in the conditions indicated above (see Par. 1 below) and, on the other hand to all the other reduction gears, in order to identify the status of all the MGB in service (see Par. 2 below).

1/ - MGB liable to have suffered damage during bench testing :

- . New MGB bearing a serial number from 618 to 772
- . and overhauled MGB which have been bench tested during the period of time considered liable to have caused damage to the MGB and bearing the following serial numbers :

105, 107, 112, 115, 118, 123, 130, 132, 136, 145, 156, 165, 166, 168, 170,
200, 212, 213, 222, 227, 236, 242, 248, 253, 264, 279, 291, 294, 337, 346,
350, 385, 387, 390, 394, 406, 416, 423, 425, 429, 457, 463, 482, 485, 508,
511, 516, 522, 535, 542, 545, 556, 566, 567, 568, 588, 607, 608, 609.

Unless this operation has already been performed the above MGB should be inspected in the following conditions :

- (A) On receipt of the present directive for those having accumulated an operating time of less than or equal to 300 hours since manufactured or last overhauled.

b.y
Date : JULY 12, 1977

Material : AEROSPATIALE HELICOPTERS
SA 330 PUMA - ALL VERSIONS

Reference : 77-114-17 (B)

(B) On completion of the next 100 hours following the date of effectivity of the present directive for the above MGB having accumulated more than 300 hours since manufactured or last overhauled.

2/ - Other MGB

These MGB are those which have not been indicated at Par. 1 above, unless this operation has already been performed these MGB should be inspected on 30th september 1977 at the latest.

IMPORTANT NOTES :

- 1 - The inspection in accordance with technical instruction 01.21 can only be performed by the manufacturer (AEROSPATIALE) who is to report the results of the actions taken.
- 2 - When fully and satisfactorily complied with, incorporation of S.B. 01.21 is to be entered in the corresponding MGB equipment log card and will permit the use of the material without restrictions.

REF. : AEROSPATIALE SERVICE BULLETIN PUMA NO 01.21

DATE OF EFFECTIVITY : JULY 18, 1977