

AIRWORTHINESS DIRECTIVE

released by DIRECTION GENERALE DE L'AVIATION CIVILE

Inspection 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' ref. : 93-116(B) R2
In case of any difficulty, reference should be made to the French original issue.

DUNLOP AVIATION DIVISION

Main landing gear wheels

Brake side half hub

The present Airworthiness Directive applies to DUNLOP main landing gear wheels AHA1752 Pre Mod.6 installed on ATR 72 aircraft.

In consequence of the loss of a main landing gear wheel due to a fatigue crack on a brake side half hub P/N AHA1750 Mod.1, following measures are rendered mandatory at the effective date of the present Airworthiness Directive :

1. At the next and each subsequent tyre change, conduct an Eddy current non-destructive-Test (NDT) on the brake side half hub P/N AHA1750 Mod.1 (Part of P/N AHO89617 assembly) according to paragraph 2 "Accomplishment Instructions" of DUNLOP AVIATION DIVISION Service Bulletin 32-1069 dated June 28, 1993 at the last approved revision.

If any crack is discovered at the NDT, replace the complete wheel before the next flight with a serviceable wheel AHA1752 Pre Mod.6, a wheel AHA1752 Post Mod.6 or a wheel AHA1890.

2. On April 30, 1994 at the latest, replace all wheels AHA1752 Pre Mod.6 with wheels AHA1752 Post Mod.6 or AHA1890.

NOTE 1 : When the brake side half hub P/N AHA1750 Mod.1 is repaired and modified according to RP 1346, its Mod. state raises to 2 (P/N AHA1750 Mod.2) and the Mod. state of wheel to 7 (P/N AHA1752 Mod.7); The Mod. state of wheel raises also to 7 if a new brake side half hub P/N AHA1750 Mod.2 is installed on a wheel P/N AHA1752 Pre Mod.6.

NOTE 2 : DUNLOP SERVICE NEWSLETTER ATR-32-06 deals with Repair/Replacement programme for wheels AHA1752 Pre Mod.6 and the way to identify the modification level of a wheel.

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January 05, 1994

DUNLOP AVIATION DIVISION
Main landing gear wheels

93-116(B) R2

Ref. : - DUNLOP AVIATION DIVISION SB 32-1069
- DUNLOP AVIATION DIVISION SL ATR -32-06

The present Revision 2 replaces original AD 93-116(B) dated July 21, 1993 and Revision 1 dated August 18, 1993.

EFFECTIVE DATES :

Original AD : JULY 31, 1993
Revision 1 : AUGUST 28, 1993
Revision 2 : JANUARY 15, 1994