

PŘÍKAZ K ZACHOVÁNÍ LETOVÉ ZPŮSOBILOSTI

CAA-AD-096/2001

Datum vydání: 12. listopadu 2001

LETOUN - ELEKTROINSTALACE HYDRAULICKÉHO ČERPADLA (ATA 92) - INSTALACE

Týká se: letadel ATR 72 -101, -102, -201, -202, -211, -212 a 212A, na kterých nebyla provedena ve výrobě ATR modifikace č. 5297, (nebo Service Bulletin (SB) ATR 72-92-1006 v provozu).

Datum účinnosti: 27. prosince 2001

Provést v termínech: Jak je popsáno v DGAC AD 2001-505-059(B), od data účinnosti tohoto PZZ.

Postup provedení prací: Dle DGAC AD 2001-505-059(B) (příloha tohoto PZZ).

Poznámky: Provedení tohoto PZZ musí být zapsáno do letadlové knihy. Případné dotazy týkající se tohoto PZZ adresujte na ÚCL sekce technická - Ing. Stibůrek. Pokud to vyžaduje povaha tohoto PZZ, musí být zapracován do příslušné části dokumentace pro obsluhu, údržbu a opravy letadla. Tento PZZ byl vypracován na základě DGAC AD 2001-505-059(B).

Ing. Pavel MATOUŠEK
ředitel

DGAC AD No.: 2001-505-059(B)
ATR

ATR 72 aircraft

Hydraulic pump power supply cables routing (ATA 92)

1. APPLICABILITY:

ATR 72 -101, -102, -201, -202, -211, -212 and 212A model aircraft on which ATR modification 5297 has not been embodied in production (or Service Bulletin (SB) ATR 72-92-1006 in service).

2. REASONS:

On December 2nd, 2000 an ATR 72-212A experienced a blue hydraulic circuit loss during landing. This failure is the result of an electrical short-circuit between blue hydraulic pump power supply cables and steering hydraulic pipe located between frames 23C and 23D, under floor panels. Fire departure was also found.

Although a specific quality problem during cables installation on line is suspected to be the root cause of the event, the investigation made has concluded to a non-respect of the certification requirements for the electrical cables routing and for a need of a specific device in this area, in order to avoid a risk of interference and chafing.

The actions mandated by the present Airworthiness Directive (AD) are intended to restore the correct electrical cables routing in order to prevent their chafing, which could cause a short-circuit and failure of the blue hydraulic system.

3. ACTIONS:

The following measures are rendered mandatory on the effective date of this AD:

Within 12 months following the effective date of this AD, install the electrical cables protection device in compliance with SB ATR 72-92-1006.

REF.: Service Bulletin ATR 72-92-1006
Any later approved revision is acceptable.

EFFECTIVE DATE: OCTOBER 27, 2001