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**EMERGENCY AIRWORTHINESS DIRECTIVE (EAD) PUBLISHED BY DIRECTION GENERALE DE L'AVIATION CIVILE (FRANCE) ON BEHALF OF EASA.**

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IT IS UP TO THE NATIONAL AUTHORITIES TO FORWARD IT TO THEM ON RECEIPT.**

**No. UF-2005-120 – AIRBUS SAS – AIRBUS A320 aircraft (ATA 32)**

**SUBJECT: Landing Gear – Main Landing Gear (MLG) axle nut separation.**

**1. EFFECTIVITY :**

Airbus A320 aircraft, all certified models, serial numbers (MSN): 2275 to 2486 inclusive except MSN 2441, 2447, 2449, 2451, 2453, 2455, 2459, 2475, 2479 and 2484.

**2. REASONS:**

An A320 operator has reported a brake, at wheel position 3, dragging and the relevant brake temperature rising during taxi out.

The inspection of the wheel position 3 showed that the axle nut had separated from the axle.

The investigation showed that the most probable hypothesis is that locking bolts securing the axle nut were not installed on aircraft whilst on the final production assembly line.

The absence of locking bolts, associated nuts, washers and cotter pins can allow the loosening of axle nut and subsequently separation of the wheel from the axle with consequential damage to the gear.

The aim of this Emergency Airworthiness Directive (EAD) is to check for locking bolts, associated nuts, washers and cotter pins installation.

**3. MANDATORY ACTIONS AND COMPLIANCE TIMES:**

3.1. Unless already accomplished, within 500 flight cycles from the effective date of this EAD, inspect the locking bolts, nuts, washers and pins of each MLG wheel and apply corrective actions if necessary in accordance with AOT A320-32A1303.

3.2. Report the results of this inspection to Airbus.

**4. REFERENCE PUBLICATION:**

AIRBUS AOT A320-32A1303 dated July 04, 2005

Any further approved revision of this AOT is acceptable.

**5. EFFECTIVE DATE:**

Upon receipt from July 08, 2005.

**6. REMARK:**

For questions concerning the technical contents of this AD's requirements, contact:

AIRBUS – EAS – Fax : 33 5 61 93 44 51.

**7. APPROVAL:**

This AD is approved under EASA reference n° 2005-6066 dated July 08, 2005.