



No.	<b>CF-2002-17</b>	1/1
Issue Date	4 March 2002	

# AIRWORTHINESS DIRECTIVE

The following airworthiness directive (AD) may be applicable to an aircraft which our records indicate is registered in your name. ADs are issued pursuant to **Canadian Aviation Regulation (CAR) 593**. Pursuant to **CAR 605.84** and the further details of **CAR Standard 625, Appendix H**, the continuing airworthiness of a Canadian registered aircraft is contingent upon compliance with all applicable ADs. Failure to comply with the requirements of an AD may invalidate the flight authorization of the aircraft. Alternative means of compliance shall be applied for in accordance with **CAR 605.84** and the above-referenced **Standard**.

This AD has been issued by the Continuing Airworthiness Division (AARDG), Aircraft Certification Branch, Transport Canada, Ottawa, telephone (613) 952-4357.

**Number:** CF-2002-17

**Subject:** Bell 222 – Magnetic Brake

**Effective:** 15 March 2002

**Applicability:** All Bell Helicopter Textron Canada Models 222, 222B and 222U with IFR kits P/N 222-706-013 installed and all delivered spare magnetic brakes, P/N 204-001-376-105, -107 manufactured by Memcor Truohm under part number MP 498-3.

**Compliance:** Within the next 100 hours air time but no later than 30 April 2002, unless already accomplished.

**Background:** The stop screws P/N MS51959-3 of the magnetic brake P/N 204-001-376-003 (Memcor Truohm P/N MP 498-3) were found to be installed without the proper adhesive. This situation if not corrected, could limit the travel of the brake's arm assembly and limit the movement of flight controls.

**Corrective Actions:** Inspect and repair, if required, each Magnetic Brake installed on aircraft, or held as a spare part, in accordance with Alert Service Bulletin (ASB) ASB 222-01-87 or 222U-01-58, both dated 19 January 2001, as applicable or later revisions approved by Chief, Continuing Airworthiness, Transport Canada.

**Authorization:** For Minister of Transport

for B. Goyaniuk  
Chief, Continuing Airworthiness

**Contact:** Mr. Bogdan Gajewski, Continuing Airworthiness, Ottawa, telephone (613)952-4450, facsimile (613) 996-9178 or e-mail [gajewsb@tc.gc.ca](mailto:gajewsb@tc.gc.ca) or any Transport Canada Centre.