



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

MINISTRY OF TRANSPORT AND COMMUNICATIONS
CIVIL AVIATION DEPARTMENT

Male'
Republic of Maldives

AIRWORTHINESS DIRECTIVE

No. CAD/DO-228/22
12 March 1996

APPLICABILITY

Dornier aircraft
Model - 228
Serial Nos: all

SUBJECT

Brake housing assembly, Part number 5007279

REFERENCE

None

REASONS

A recent accident was caused by the fatigue failure of the subject assembly, which occurred in the torque-take-out cavity. The failure of the housing assembly led to the loss of hydraulic fluid, which in turn caused the loss of steering and brakes and the aircraft struck a light post causing substantial

Failure of the subject housing had also been experienced in other instances in the past.

Early detection of cracks could preclude subsequent failure and prevent accidents.

ACTION AND COMPLIANCE

Operators are required to carry out crack detection using dye penetrant at every annual inspection and using eddy current every 2000 landings. Evidence of cracks must be reported to the Civil Aviation Department without delay.

EFFECTIVITY

This Directive becomes effective on 12 March 1996.

Abdul Razzak Idris
DIRECTOR OF CIVIL AVIATION