



RECREATIONAL AVIATION AUSTRALIA INC

7 November 2005

## ULTRALIGHT AIRCRAFT AIRWORTHINESS NOTICE

AIRWORTHINESS NOTICE IDENTIFICATION NUMBER : 071105-1

### Flight Design CT-2K

**To:** All owners and operators of FLIGHT DESIGN CT-2K Aircraft.

**Background:** An undercarriage failure on the main landing gear has led to the inspection of other CT-2K aircraft which have also been found to have cracked main undercarriage legs.

**Discussion:** From initial inspection it appears that the lower undercarriage mounting bolts have been screwed through the undercarriage leg causing resultant thread marks in the metal from which cracking has radiated. This is accentuated over time through normal operations and possible heavy landings causing the leg to fail.

**Compliance: BEFORE NEXT FLIGHT** – Complete a dye penetrant check on the undercarriage legs for signs of any cracking. Please report all failures to the RA-Aus office. Once the check has been carried out, register compliance with AN 071105-1 in the aircraft log book.

**Further Action:** Please report all failures to the RA-Aus office. Once the check has been carried out, register compliance with AN 071105-1 in the aircraft log book.



Technical Manager

**Defect Reporting is one of the primary ways we have in ensuring continued safety in our operations.**