

**Allison Model 250 Turbine Engine**



**Civil Aviation Authority**

## RULES OF THE AIR AND AIR TRAFFIC CONTROL REGULATIONS 1985

## PERMISSION

1. The Civil Aviation Authority under the provisions of Rule 5(1)(d)(i) of Section II of the Schedule to the Rules of the Air and Air Traffic Control Regulations 1985, as amended, hereby permits any helicopter, for the time being operated by Southern Air Limited to fly closer than 3000 feet, but not less than 1000 feet over any assembly in the open air of more than 1000 persons assembled for the purpose of witnessing or participating in any organised event when engaged on flights for the purpose of the public transport of passengers beginning and ending at the same place.
2. This permission is granted subject to the following conditions:-
  - (a) flights in accordance with this permission shall not be made at night;
  - (b) the Authority shall be given not less than 7 days notice in advance of every proposed use of each place to be used for the aforesaid purposes and such notification shall include an Ordnance Survey grid reference and map or diagram of approximately six inches to the mile scale to identify the location of each place;
  - (c) flight shall be made with the written permission of and in accordance with arrangements entered into with the organisers of the said event; and
  - (d) the operator shall keep records of the dates and times on which each place was used for the aforesaid purposes.
3. This permission shall have effect from the date hereof until 31 January 1988, both dates inclusive, unless previously revoked.

Signed ..... *J. Shong* .....  
for the Civil Aviation Authority

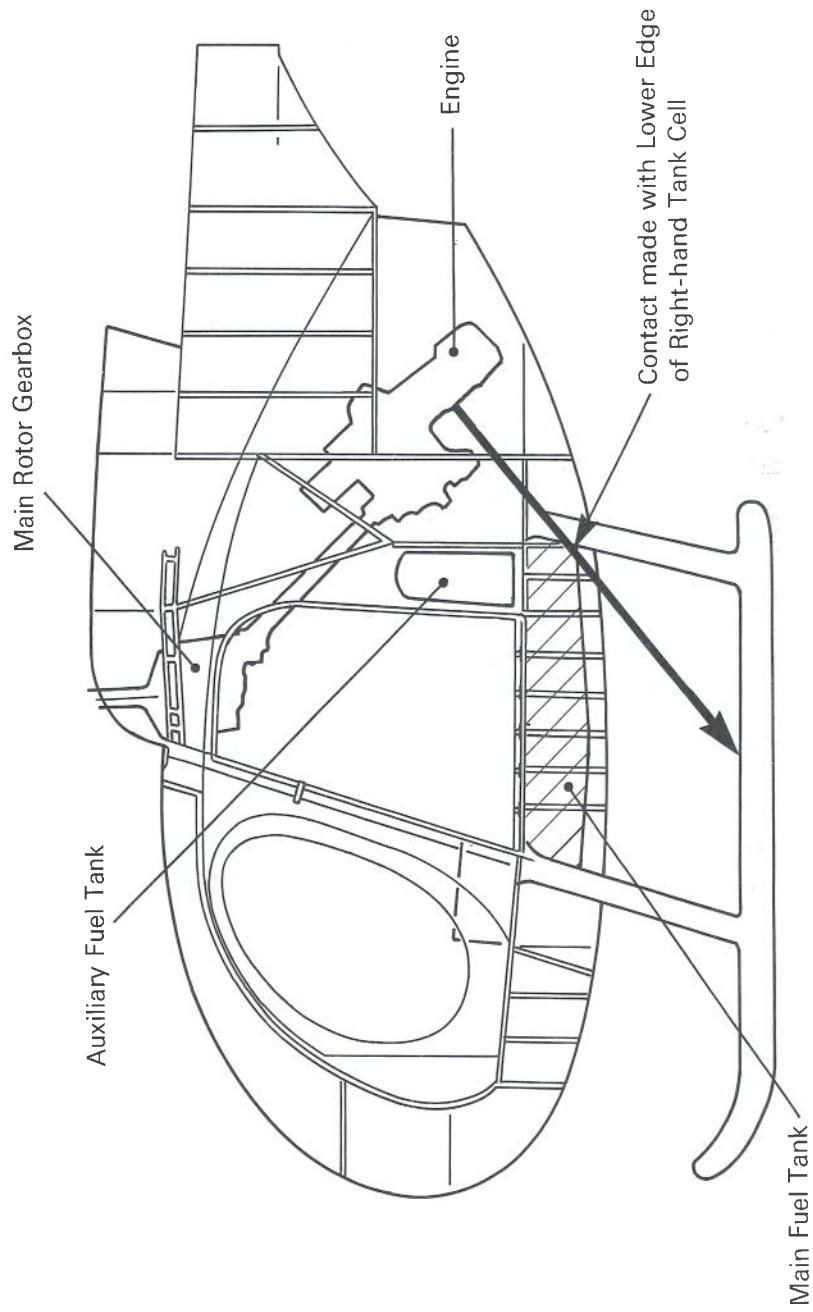
Date ..... *19... December 1986* .....

## PLEASE NOTE

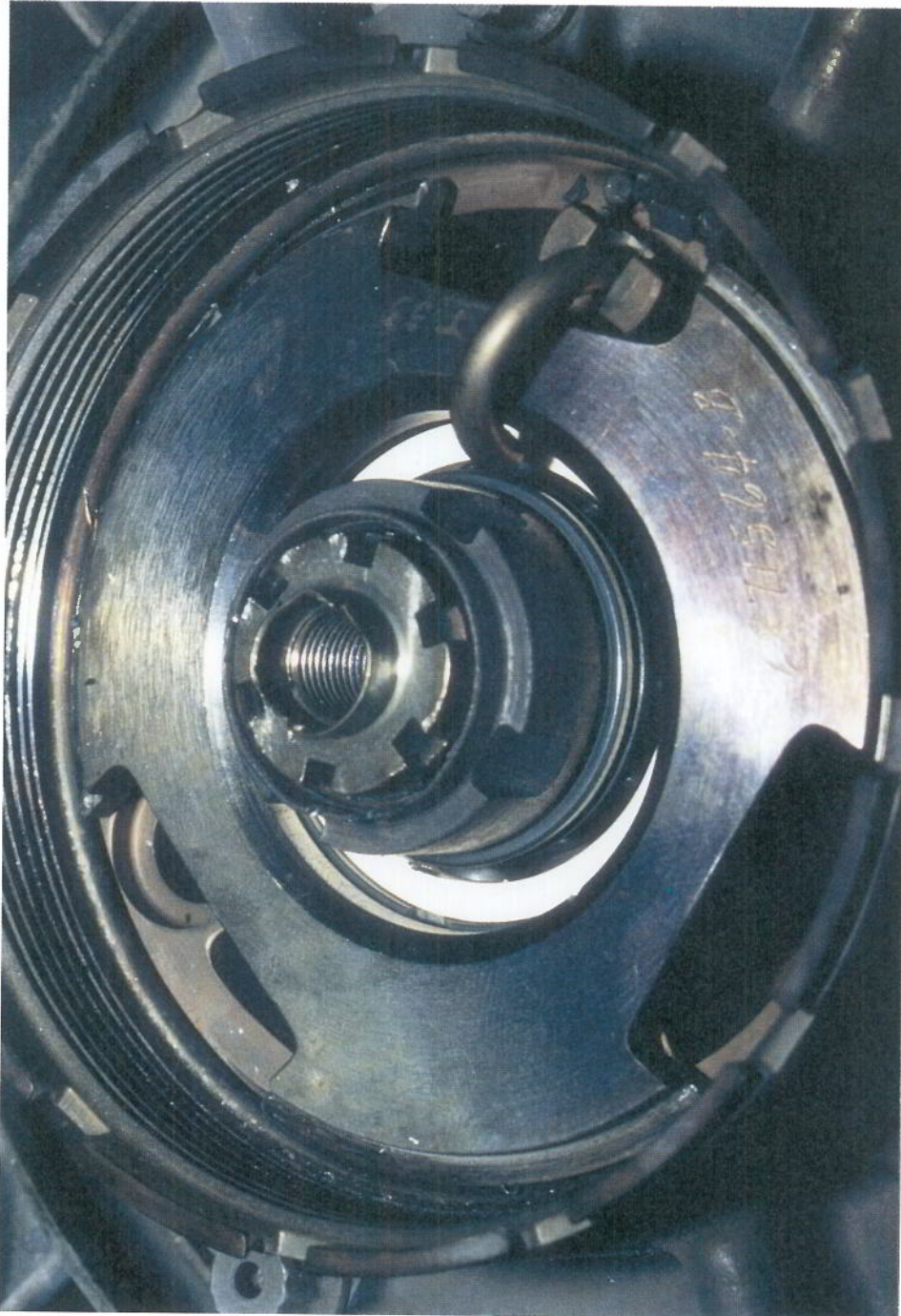
YOUR PILOTS SHOULD BE REMINDED OF THE NEED AT ALL TIMES TO MINIMISE NUISANCE ON ACCOUNT OF NOISE AND IN PARTICULAR WHEREVER POSSIBLE TO AVOID OVERFLYING HOSPITALS AND SCHOOLS

Ref: 10A/X/953

cc: Department of Transport, Branch CAP 5(c)  
Civil Aviation Authority, Environmental Adviser (ATS)



**View Showing Trajectory of No.1 Turbine Wheel Fragment from Engine**



**Photograph of Turbine Tie Bolt Nut Showing Evidence of Use of Incorrect Tooling and Use of a Drift to Drive Back Locking Collar**