



ADVISORY LEVEL: General Info

DESCRIPTION: Difficulty Starting Engine

ENGINE TYPE: R2800 & R3600

Operational

Rotec radials start very easily.

However instances do occur when the engine may become difficult to start. This can occur on the very 1st start of a new engine or if the engine has not been used for a prolonged period. On such occasions the following procedures may help:

- 1) Prime the carb Using a spray bottle to spray some fuel onto the carb filter
- 2) If the carb filter is difficult to get to one can spray a very **small** quantity of fuel directly into the carb - at the bottom of the carb is a brass screw - removing it will expose a nipple through which fuel can be squirted directly into the carb. Replace the screw after the 1st start is completed



Take care not to flood the carb and cause problems with fuel lock causing Hydraulic Lock.

- 3) Ether can also be sprayed onto the filter or directly into the carb.



Take care as ether is heavier than air, and the highly volatile and explosive vapours can pool if there is insufficient ventilation.

Once the engine runs allow it to come to temperature gradually increasing the throttle (5 minutes on first run). If you removed the brass screw replace it for the next run gradually increasing to 3/4 throttle. In several such run ups inch up to full throttle.

Subsequent starts will be easier.