



DUTY ON WHICH ENGAGED:

COURT OF INQUIRY, INVESTIGATING OFFICER

FLYING TRAINING

OR COMMANDING OFFICER'S REPORT:

D-14

NATURE OF ACCIDENT AND STAGE OF FLIGHT:

DATE:

Whilst holding off to land the instructor noticed a strong smell of smoke and then discovered that an area of about 2 feet of the trailing edge of his stbd mainplane was on fire just outside the engine nacelle.

COMPOSITION:

LAY/AA/A

Completed the landing, turned off the ~~EXHAUST MANIFOLD~~ runway and all three crew abandoned the A/C without injury.

RECOMMENDATIONS:

It is recommended that the normal practice of putting the mixture control in take-off position whilst approaching to land be discontinued until such time as the exhaust tail pipe is repositioned as recommended in the Technical Officer's report. A local order to this effect has already been

PRIMARY CAUSE

27. Fire in the air.

Trailing edge of stbd mainplane was fired by flames from exhaust tail pipe when mixture lever was in override during the glide approach. The rich mixture caused flames from the exhaust manifold to ignite the mainplane mentioned.

ACTION TAKEN: issued.

(A) DISCIPLINARY (B) TECHNICAL (C) OTHER

Nil.

CONCLUSIONS OF A.I.S.

OVERLY RICH MIXTURE EJECTED FROM THE EXHAUST TAIL PIPE CAUSED FIRE AT THE TRAILING EDGE OF STBD MAINPLANE. THE MIXTURE LEVER IN OVERRIDE POSITION IS A SERIOUS FIRE HAZARD WHEN A/C GLIDING WITH FLAPS DOWN. HOWEVER, MODIFICATIONS WILL BE DEVELOPED TO THIS SITUATION AND ACTION HAS BEEN TAKEN TO RESTRICT THE USE OF OVERRIDE UNTIL SUCH MODIFICATION HAS TAKEN PLACE.

SECONDARY CAUSE OR CONTRIBUTING FACTORS:

28. Fire in air.

RECORDED BY

DATE

CHECKED BY

DATE