



PURPOSE OF FLIGHT:

Routine training flight

TECHNICAL OFFICER'S REPORT:

Cause obscure.

NATURE OF ACCIDENT:

IMP/PCDF/AA

Pilot and pupil returning from bombing training flight heard muffled bang and saw hole appear in stbd wing outboard of engine nacelle. Realizing stbd wing was on fire, pupil was ordered to abandon a/c. Instructor turned off fuel switches of wing, ignited by cold engine "popping back", operated fire extinguisher and then abandoned a/c.

COURT OF INQUIRY/OR INVESTIGATING OFFICER'S REPORT:

FINDINGS:

SUMMARY No. 206C

CONCLUSIONS: Fire in air caused by accumulation of fuel or fuel fumes, either in exhaust tail pipe or area between fully lowered flaps and underside of wing, ignited by cold engine "popping back", shortly after being re-started.

CONCLUSIONS OF A.I.B.: Agree. Although A.F.T.I. does not state that fuel cocks shall not be turned off to demonstrate single-engined flying the provisions of that Instruction should not have turned off fuel to stop the engine.

CLASSIFICATION:

18. Misc. Technical.

SECONDARY OR CONTRIBUTORY FACTORS:

28. Fire-In air.

ACTION TAKEN:

Nil.