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DUTY ON WHICH ENGAGED:

COURT OF INQUIRY, INVESTIGATING OFFICER

D.14 #3

OR COMMANDING OFFICER'S REPORT:

Training

NATURE OF ACCIDENT AND STAGE OF FLIGHT:

DATE:

10/20/09

Shearing of oil pump drive shaft caused engine failure after take off. Instructor executed satisfactory forced landing w/o further damage to a/c.

COMPOSITION:

RECOMMENDATIONS:

PRIMARY CAUSE:

33. Technical defect

(Pressure oil pump drive shaft broke at keyway, inside of oil pump gear.

ACTION TAKEN:

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

Cause appears to be due to flaw in material, although it is thought that the keyway may be deeper than necessary, resulting in weakness at this point.

Nil

SECONDARY CAUSE OR CONTRIBUTING FACTORS:

54. Engine failure in the air

RECORDED BY _____

DATE _____

CHECKED BY _____

DATE _____