

|                                       |          |                  |             |                             |          |                       |       |                |                 |           |      |             |
|---------------------------------------|----------|------------------|-------------|-----------------------------|----------|-----------------------|-------|----------------|-----------------|-----------|------|-------------|
| PILOT                                 |          | OTHERS           |             | AIRFRAME FAILURE            |          |                       |       | ENGINE FAILURE |                 |           |      |             |
| CAUSES OF ACCIDENTS                   |          |                  |             |                             |          |                       |       |                |                 |           |      |             |
| UNIT # 2 (CAC) Det.<br>St. John, N.B. |          | COM. EAC         |             | PLACE<br>Clam Harbour, N.S. |          |                       |       | DATE 15-10-40  |                 | TIME 1800 |      |             |
| A/C TYPE<br>Lysander                  |          | No. 433          |             | CRASH CAT. A                |          | SE X                  | ME    | DAY X          | NIGHT           |           |      |             |
| NAME                                  |          |                  | RANK        | No.                         | DUTY     | INJURIES              |       |                | SERIOUS         |           |      |             |
| J.O.L. Bourbonnais                    |          |                  | T/O         | 1024                        | 1P       | Uninjured             |       |                | FATAL           | INJURY    |      |             |
| E. Pelletier                          |          |                  | CPL.        | 8088                        | P        | Very slightly injured |       |                |                 | 1         |      |             |
|                                       |          |                  |             |                             |          |                       |       |                | CARD SERIAL No. |           |      |             |
| TYPE A/F & ENGINE                     | No.      | EXTENT OF DAMAGE | REPORT FORM | SERIAL No.                  | DATE     | HOURS FLOWN BY PILOTS |       |                |                 |           |      |             |
| Lysander II 433                       |          | SERIOUS          | D 16        |                             | 24-10-40 | INST.                 | NIGHT | ON TYPE        |                 | TOTAL     |      | LAST 6 MOS. |
|                                       |          |                  |             |                             |          |                       |       | DUAL           | SOLO            | DUAL      | SOLO |             |
| Persons                               | PR 29034 | SERIOUS          | D.6         |                             | 24-10-40 |                       |       | 105            | 73              | 289       |      |             |
| XII                                   |          |                  |             |                             |          |                       |       |                |                 |           |      |             |
| SIGNAL No. & DATE                     |          | UNIT No. & DATE  |             | COM. No. & DATE             |          | REPORT                |       | FILE           |                 | DATE      |      |             |
| 436 15-10-40                          |          | A.325 15-10-40   |             |                             |          |                       |       |                |                 |           |      |             |
| NATURE OF ACCIDENT                    |          |                  |             |                             |          |                       |       |                |                 |           |      |             |

TYPE OF A/C

TYPE OF ENGINE

CATEGORY

MISCELLANEOUS CAUSES

STAGE OF FLIGHT

- UNDTD
- PRIMARY
- ENGINE MOUNT.
- MISCEL.
- UNDTD
- PRIMARY
- FUEL SYS.
- COOL SYS.
- IGNIT. SYS.
- LUB'N SYS.
- ENG STR.
- AIRSCREW A.
- ENG. CONTS.
- MISCEL.
- UNDTD
- PRIMARY
- HANDQ.
- INSTS.
- WEATHER
- DRYNS.
- AL'S SURF.
- OTHER
- UNDTD
- PRIMARY
- TAXING
- LANDING
- TAKE-OFF
- FLIGHT
- STAFTRY
- FATAL
- INJ.
- 3RD.

DUTY ON WHICH ENGAGED:

Practice flying.

COURT OF INQUIRY, INVESTIGATING OFFICER  
OR COMMANDING OFFICER'S REPORT:

FM/AOP/PSW/ES/PM

M/I

NATURE OF ACCIDENT AND STAGE OF FLIGHT:

WHILE IN FLIGHT, NEAR CLAM HARBOUR,  
ENGINE STARTED MISSING AND THEN STOPPED  
FORCING THE AIRCRAFT TO LAND. THE PILOT  
LANDED DOWN WIND IN A RESTRICTED FIELD,  
THE AIRCRAFT RAN ONTO A FENCE AT THE FAR  
END OF THE FIELD AND OVERTURNED. PRIOR  
TO ENGINE FAILURE THE A/C HAD FLOWN THROUGH  
PRIMARY CAUSE: CLOUDS.  
ENGINE FAILURE DUE TO ICING IN THE CARBURETTOR.

DATE:

COURT OF INQUIRY.

26-20-40 TO 24-10-40

COMPOSITION:

SQUADRON LEADER D.G. PRICE PRESIDENT.  
FLIGHT LIEUTENANT A.P. BLACKBURN, MEMBER.  
FLYING OFFICER L.G. VIRR. MEMBER.

RECOMMENDATIONS: THAT A MORE SUITABLE TYPE OF AIR INTAKE HEATER BE FIT-  
TED TO PERSEUS XII ENGINE IN LIEU OF THE PRESENT TYPE INSTAL-  
LED AND THE TEMPERATURE GAUGE SHOULD BE STAMPED "ON" AND  
"OFF" SO AS TO CLEARLY GUIDE THE PILOT AS TO WHETHER THE  
INSTRUMENT IS OR IS NOT IN OPERATION AND THAT THIS  
SWITCH BE MARKED WITH THE WORDS "CARB. AIR TEMP. SWITCH".  
ALONGSIDE IT.

ACTION TAKEN:

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

DAE MEMO MINUTE 3 FILE 80044-33 DATED 3-2-48 STATES  
THAT A MODIFICATION TO CARB HEATER IS NOW IN THE  
COURSE OF MANUFACTURE AND WILL REMEDY THE DEFECT  
CAUSING THE ACCIDENT.  
D.6 APPROVED BY A.M.T. 24-1-41.

SECONDARY CAUSE OR CONTRIBUTING FACTORS:

POOR JUDGMENT ON THE PART OF THE PILOT IN  
CIRCLING A FIELD WITH A MISSING ENGINE,  
WHICH FAILED ON THE DOWN WIND CIRCUIT.

RECORDED BY

DATE

CHECKED BY

DATE