

**Transportation Safety Board
Aviation Safety Information System (ASIS)
Data Printout - Aviation Occurrence A92O0370**

This printout is issued to provide information on the general circumstances of this occurrence. The information is based upon details provided by participants and other data uncovered to date by the investigation staff. The Transportation Safety Board of Canada (TSB) gathered this information for the purpose of advancing transportation safety. It is not the function of the TSB to assign fault or to determine civil or criminal liability.

A word of caution, some of the information in this document is as provided to the TSB and has not been subjected to further confirmation. Also, the investigation may still be in progress, and therefore, the information is subject to change.

Occurrence Type: ACCIDENT

Class: CLASS C-4

Location: DETOUR LAKE

Country: CANADA

Province: ONTARIO

Date: 18-OCT-1992

Time: 12:05

Aircraft Operator

PRIVATE

Aircraft Model

FBA-2C

Registration

C-FSOT

| Injuries | Fatal | Serious | Minor | None | Total |
|------------------|--------------|----------------|--------------|-------------|--------------|
| Crew | 0 | 0 | 0 | 1 | 1 |
| Passenger | 0 | 0 | 0 | 1 | 1 |
| Ground | 0 | 0 | 0 | N/A | 0 |
| Total | 0 | 0 | 0 | 2 | 2 |

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Aircraft Data

Registration: C-FSOT

Operator: PRIVATE

Type of Operator: PRIVATE

Type of Operation: PLEASURE/TRAVEL

Make: FOUND BROTHERS

Model: FBA-2C

Common Name: FBA-2C

Category: AEROPLANE

Damage: SUBSTANTIAL

| Injuries | Fatal | Serious | Minor | None | Total |
|--------------|-------|---------|-------|------|-------|
| Crew | 0 | 0 | 0 | 1 | 1 |
| Passenger | 0 | 0 | 0 | 1 | 1 |
| Total | 0 | 0 | 0 | 2 | 2 |

Individual Information

| Individual Type | Licence Type | Seat No | Crew Hours | | | |
|------------------|-----------------------|---------|------------|---------|-----------|---------|
| | | | All Types | | This Type | |
| | | | Total | Last 90 | Total | Last 90 |
| PASSENGER | | 0B | 0 | 0 | 0 | 0 |
| PILOT-IN-COMMAND | PPL - PRIVATE PILOT L | 0A | 1450 | 12 | 383 | 12 |

Occurrence Summary

THE PILOT AND PASSENGER WERE DEPARTING FROM DETOUR LAKE, ONTARIO, IN THE FLOAT-EQUIPPED AIRCRAFT ON THE SECOND FLIGHT OF THE DAY TO THE DETOUR LAKE MINE, ONTARIO. DURING INITIAL CLIMB-OUT AND WHILE OVER THE TREED SHORELINE, THE PILOT REPORTED THE ENGINE (AVCO LYCOMING 0-540-A1C5) SEEMED TO SHUDDER AND LOSE POWER. SHORTLY THEREAFTER, THE AIRCRAFT DESCENDED INTO THE TREES DAMAGING THE FLOATS, STABILIZER ASSEMBLY, FUSELAGE, AND THE LEADING EDGE OF ONE WING. THE PILOT AND PASSENGER WERE NOT INJURED IN THE OCCURRENCE.

THE WEATHER REPORTED BY THE PILOT WAS A 1000 FEET ABOVE GROUND LEVEL OVERCAST CLOUD CEILING WITH TWO MILES VISIBILITY. THE OUTSIDE AIR TEMPERATURE WAS BELOW FREEZING, AND PILOT THOUGHT THAT ICE HAD ACCUMULATED ON THE FLOATS AND TAIL SURFACES OF THE AIRCRAFT WHICH MAY HAVE RESULTED IN TOO MUCH WEIGHT AND AN AFT CENTRE OF GRAVITY. IN ADDITION THE ENGINE LOSS OF POWER MAY HAVE BEEN DUE TO CARBURETTOR ICE DURING THE TAKE OFF WHICH WAS NOT EVIDENT WHEN CHECKED BEFORE TAKE-OFF.