

**Aviation Safety Investigation Report
198703531**

First Strike Aviation Supercat

18 July 1987

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NOTE: All air safety occurrences reported to the ATSB are categorised and recorded. For a detailed explanation on Category definitions please refer to the ATSB website at www.atsb.gov.au.

Occurrence Number: 198703531 **Occurrence Type:** Accident

Location: Lockyer Waters, 66km West of Brisbane QLD

Date: 18 July 1987 **Time:** 0845 apprx

Highest Injury Level: Nil

Injuries:

	Fatal	Serious	Minor	None
Crew	0	0	1	1
Ground	0	0	0	-
Passenger	0	0	0	0
Total	0	0	0	1

Aircraft Details: First Strike Aviation
 Supercat

Registration: Not Registered

Serial Number: 400

Operation Type: Sport Aviation

Damage Level: Substantial

Departure Point: Lockyer Waters QLD

Departure Time: 0845 apprx

Destination: Lockyer Waters QLD

Approved for Release: September 24th 1987

Circumstances:

The pilot was carrying out circuit practice in his aircraft. After about 15 minutes flying the engine stopped. Realising that the aircraft would not glide to the strip, the pilot attempted a forced landing in a grassed paddock just short of the property boundary fence. Just after touching down, the aircraft struck the trunk of a fallen tree and the landing gear was bent rearwards. An inspection of the wreckage found that a hose clamp holding the fuel line to the inlet side of the carburettor had failed and allowed fuel to siphon overboard. The failure of the clamp had resulted from the incorrect size clamp being used and the resultant size differential resulted in geometrical discontinuity and circumferential stress overload. The engine failed due to fuel exhaustion.