

No: 11/85

Ref: EW/G85/10/04

Aircraft type and registration: NV Fokker S 11—1 Instructor G-BIYU (light single engined monoplane)

Year of Manufacture: 1950

Date and time (GMT): 13 October 1985 at 1650 hrs

Location: Colney Farm, Harefield, Middlesex

Type of flight: Private (pleasure)

Persons on board: Crew — 1 Passengers — 1

Injuries: Crew — None Passengers — None

Nature of damage: Split in starboard undercarriage oleo strut

Commander's Licence: Private Pilot's Licence Group A

Commander's Age: 38 years

Commander's Total Flying Experience: 161 hours (82 of which were on type)

Information Source: Aircraft Accident Report Form submitted by the pilot.

During an approach to runway 07 at Denham it became apparent that the previously landing aircraft would not clear the runway in time and an overshoot was initiated. During the retraction of flaps at about 300 feet above the north-eastern end of the runway, the engine hesitated and stopped. The pilot immediately changed tank selection from left to right tank. As the selector passed through the 'Both' position, the engine fired briefly but immediately stopped again. The pilot checked that the magnetos were 'both on', mixture 'fully rich', that the throttle was 'fully open' with the carburettor heat 'Off', and the primer 'locked'. The speed at this stage had decayed to 55 knots indicated and attitude was adjusted to maintain a gliding speed of approximately 60 kt.

The terrain for approximately half a mile ahead of the aircraft consisted of lakes with small islands, beyond which lay a canal and towpath. The only field unobstructed by trees lay just beyond the canal on rising ground. The aircraft landed about half way into the far hedge without either occupant being injured. The pilot called Denham Tower advising them of the situation.

The cause of the engine failure was reported as "a loose connection of the main fuel hose at the junction which divides fuel between the manual and engine driven fuel pumps, which allowed air to be drawn into the primary fuel line".

The aircraft was last inspected on 19 December 1984 when its Annual Permit to Fly was renewed.