No: 6/86 Ref: 1b

Aircraft type and registration:

Mooney M20K G-BJGT

No & Type of Engines:

One Continental TS10-360-GB3 piston engine

Year of Manufacture:

1981

Date and time (GMT):

2 May 1986 at 1735 hrs

Location:

Dunkeswell Airfield, Devon

Type of flight:

Private (business and pleasure)

Persons on board:

Crew — 1

Passengers — None

Injuries:

Crew — None

Passengers — N/A

Nature of damage:

Substantial — to propeller and underside structure

Commander's Licence:

Private Pilot's Licence

Commander's Age:

29 years

Commander's total

flying experience:

122 hours (of which 20 were on type)

Information Source:

Aircraft Accident Report Form submitted by the pilot.

The aircraft was engaged in practising a bad weather circuit on runway 18 at Dunkeswell Aerodrome. Two third flap setting was selected, and 20 inches manifold pressure was required to maintain the desired indicated airspeed until the throttle was retarded during the landing sequence. The undercarriage warning horn then sounded, but too late for the situation to be recovered and the aircraft landed with the wheels up. There was substantial damage to the aircraft including propeller, possible shock-loading to the engine, and to underside panels and spars. The pilot was wearing diagonal upper torso restraint and was uninjured.

The undercarriage warning horn of this aircraft is activated when the engine manifold pressure falls below 14 inches and the undercarriage is up.