

No: 6/86

Ref: 2b

Aircraft type and registration:	Bell 47G-5 G-AWRZ
No & Type of Engines	One Lycoming V0-435-BIA piston engine
Year of Manufacture:	1966
Date and time (GMT):	26 April 1986 at 1300 hrs
Location:	Fillingham, Lincolnshire
Type of flight:	Aerial application
Persons on board:	Crew — 1 Passengers — None
Injuries:	Crew — None Passengers — N/A
Nature of damage:	Aircraft damaged beyond economical repair
Commander's Licence:	Commercial Pilot's Licence
Commander's Age:	36 years
Commander's total flying experience:	3500 hours fixed wing, 1175 hours rotary wing
Information Source:	Aircraft Accident Report Form submitted by the pilot.

The aircraft was engaged on fertiliser application using two buckets alternately. Whilst in the hover, the aircraft approached to pick up the first bucket but the hook fouled the hydraulic mechanism used to drive the bucket. The pilot moved back and down to allow the hook-up man to free the fouled hook. During this manoeuvre, the heel of the left skid passed through the lifting hoop of the second bucket, which was positioned behind and slightly to the left of the first. When the pilot lifted up to move forward again to the first bucket, the weight of the other bucket on the skid caused the aircraft to pitch up and yaw violently to the left. The pilot had insufficient control to overcome the yaw and subsequent left bank before the main rotor struck the ground. The main rotor mast detached from the aircraft, which settled upright on its skids.