

**Aviation Safety Investigation Report
199000605**

Bell Helicopter Co 412

23 November 1990

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Investigations commenced on or before 30 June 2003, including the publication of reports as a result of those investigations, are authorised by the CEO of the Bureau in accordance with Part 2A of the Air Navigation Act 1920.

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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: 199000605
Location: Maersk Valiant WA
Date: 23 November 1990
Highest Injury Level: Nil
Injuries:

Occurrence Type: Accident

Time: 1430

	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: Bell Helicopter Co 412
Registration: VH-NSV
Serial Number: 33084
Operation Type: Charter
Damage Level: Substantial
Departure Point: Maersk Valiant WA
Departure Time: N/A
Destination: Truscott WA

Approved for Release: 28th December 1990

Circumstances:

The pilot reported that the helicopter was taken off into the hover above the helideck, where power and performance checks were carried out. A left pedal turn at the hover was then initiated over the helideck markings to position the helicopter for take-off into a 10-15 knot wind. On completion of the turn a loud bang was heard, and a vibration felt. The helicopter was landed on the helideck, shutdown and passengers disembarked. The tail rotor had struck a communications receiver dish antenna located outside the helideck area. An inspection of the helicopter failed to reveal any pre-existing faults which may have prevented the pilot from holding the helicopter in a steady hover during the turn. This accident was not the subject of an on-scene investigation.