

**Aviation Safety Investigation Report  
199401532**

**Bell Helicopter Co  
47G-4A**

**10 June 1994**

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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](http://www.atsb.gov.au).**

**Occurrence Number:** 199401532      **Occurrence Type:** Accident  
**Location:** 46km NE Kalgoorlie  
**State:** WA      **Inv Category:** 4  
**Date:** Friday 10 June 1994  
**Time:** 0805 hours      **Time Zone** WST  
**Highest Injury Level:** None

**Aircraft Manufacturer:** Bell Helicopter Co  
**Aircraft Model:** 47G-4A  
**Aircraft Registration:** VH-JKV      **Serial Number:** 7724  
**Type of Operation:** Miscellaneous Hunting  
**Damage to Aircraft:** Substantial  
**Departure Point:** Hampton Hill Station WA  
**Departure Time:** 0800 WST  
**Destination:** Camellia Station WA

**Crew Details:**

<b>Role</b>	<b>Class of Licence</b>	<b>Hours on Type</b>	<b>Hours Total</b>
Pilot-In-Command	Commercial	440.0	600

**Approved for Release:** Wednesday, August 31, 1994

The crew were carrying out a goat eradication program at the time of the accident. The aircraft was transiting from the hover to forward flight, at approximately 50 feet above ground level, when the engine suddenly stopped.

The pilot immediately entered autorotation and attempted to cushion the landing by increasing the collective pitch. The aircraft touched down heavily, tail first, before colliding with trees.

An inspection of the aircraft failed to disclose any reason for the sudden engine stoppage.

Weather conditions were conducive to the formation of carburettor ice however, the pilot had carburettor heat selected at the time of the accident.

The reason for the sudden stoppage could not be determined.

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