

OA2022-04477 - Occurrence Details

Occurrence

Logged date	11/30/2022 3:04:48 AM			
Status	Approved for release			
Occurrence class	Accident			
Highest injury	Serious			
Occurrence date	11/30/2022 12:00:00 AM			
Occurrence time	02:02:00			
Public summary	<p>On the afternoon of 30 November 2022, the student pilot of a Hughes Helicopters 269C, registered VH-OBK, was returning to Moorabbin following the pilot's second solo navigation training flight.</p> <p>As the helicopter approached the landing area, the approach became unstable, and the pilot commenced a go-around. As the helicopter climbed to about 650 ft above ground level, the pilot commenced a right turn onto the downwind leg of the circuit to position for a second approach for landing. Shortly after, the pilot noticed reduced performance and decided to continue the turn back toward the airport.</p> <p>The helicopter continued to lose height and, recognising that a forced landing was required, the pilot turned the helicopter left toward a school ground to attempt an autorotation landing. The helicopter subsequently collided with the rooftops of 2 houses just short of the school ground. The pilot sustained serious injuries and the helicopter was substantially damaged.</p>			
Property damage	Yes			
Property damage details	A house has significant roof damage and another house has minor roof damage.			
Worst accident outcome	Major accident			
Defence effectiveness	Not effective			
Risk rating	High (500)			
ERC justification				
TSI reportable	Immediately reportable			
Ground injuries	Fatal	Serious	Minor	Total
				0

Location

Location	1 NM 253 degrees from Moorabbin Aerodrome
Latitude	-37.98070958
Longitude	145.08206302
State	VIC

Country	Australia
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Aircraft

Registration	VH-OBK
Type	Helicopter
Manufacturer	HUGHES HELICOPTERS
Model	269C
Engine type	Piston
Engine manufacturer	TEXTRON LYCOMING
Engine model	HIO-360
Number of engines	1
Landing gear type	Skid
Fuel type	Gasoline
Year of manufacture	1980
Amateur built	
Maximum takeoff weight (kg)	930
ELT Type	Emergency Locator Transmitter
ELT Fitted	Yes
ELT Activated	No

Airspace

Controlling agency	Aust Civil
ATS service type	Procedural
ATS position	Tower
Airspace class	D
Airspace type	CTR

Operation

Registration	VH-OBK
Operator	
Flight number	
Related runway	17
Phase of flight	Approach
PIC status	Other
Pilot flying role	Student pilot
Departure aerodrome	Moorabbin Aerodrome [YMMB]
Destination aerodrome	Moorabbin Aerodrome [YMMB]

Actual landing	
Aerodrome proximity	Off aerodrome < 10 km
Operation type	Part 91 General operating and flight rules
Operation subtype	Part 141 - training
Activity group	General aviation / Recreational
Activity type	Instructional flying
Activity subtype	Instructional flying - solo
Flight rules	VFR
Flight conditions	VMC
Altitude type	AGL (above ground level - ft)
Altitude	Exactly
Exact altitude	650
Other information	

Occurrence category

Registration	VH-OBK
Level 1	Operational Technical Consequential Events
Level 2	Terrain collisions Powerplant / Propulsion Forced / Precautionary landing
Level 3	Collision with terrain Engine failure or malfunction

Damage level and injuries

Registration	VH-OBK			
Injury level	Fatal	Serious	Minor	Total
Crew		1		1
Passengers				
Aircraft damage level	Substantial			
Post impact fire	No			
Damage description	Images			

Weather and environment

Cloud cover	Sky clear
Visibility (km)	10
Light conditions	Daylight
Wind direction	230
Average wind speed (kts)	11

Cloud base (ft)	
Visibility reduced by	None
Turbulence conditions	Nil
Icing conditions	Nil
Precipitation type	Nil
Precipitation intensity	Nil
QNH	1018
Outside temperature	17
Light and variable (windspeed)	No
Maximum wind speed (gust)	
Dew point	
CAVOK	
Effective cloud ceiling	
Weather phenomena	

Safety factor

Level 1	
Level 2	
Level 3	

Notificaton NA2022-06940

*Communication Direction and Method: Incoming phone call

*Roster: Business hours notifications

Communication details

*Date received: 30/11/2022 13:35:24 Canberra, Melbourne, Sydney

*Communication type: New Aviation Notification

*Last name: Section 22 *Given name: Section 22

Phone no.: Section 22 Email: [Redacted]

Organisation: Victoria Police (VicPol) Role type: [Redacted]

*Summary: Helicopter into a house. Not fatal. Zhobk Unknown registration. Contact on site Police Sgt Unknown injuries reports of pilot trapped in the helicopter. Orange and white helicopter. 2 POB helicopter. Believe at this stage just 1POB. Male pilot conscious and breathing. Section 22

Notification

*Notification Status: Imported Notification Source: Phone

Operator Reference: [Redacted] *Occurrence Time Type: Actual

Occurrence Date Time: 01/12/2022 0:04 Coordinated Universal Time

*Location Description: Section 22 *Location State: VIC

*Occurrence Class: Accident

Occurrence Category L1: Operational Occurrence Category L2: Terrain collisions Occurrence Category L3: Collision with terrain

	Fatal	Serious	Minor	Uninjured	Total
Ground					0

Notification NA2022-06941

*Communication Direction and Method	Incoming phone call				
*Roster	Business hours notifications				
Communication details					
*Date received	30/11/2022	13 : 50 : 33	Canberra, Melbourne, Sydney		
*Communication type	New Aviation Notification				
*Last name	Section 22	*Given name	Section 22		
Phone no.	Section 22	Email	[Redacted]		
Organisation	Victoria Police (VicPol)	Role type	Police/Emergency Services		
Summary					
*Summary	Injury level of the pilot still to be determined - still inside chopper. Helicopter into the house but the resident was not home. Fuel has been spilled into the house. Emergency services attending. Not a lot of information at this stage.				
Notification					
*Notification Status	Imported	Notification Source	Phone		
Operator Reference ...	[Redacted]	*Occurrence Time Type	Actual		
Occurrence Date Time	30/11/2022	13 : 04	Canberra, Melbourne, Sydney		
*Location Description	near Moorabbin	*Location State	VIC		
*Occurrence Class	Accident				
Occurrence Category L1	Operational	Occurrence Category L2	Terrain collisions		
		Occurrence Category L3	Collision with terrain		
	Fatal	Serious	Minor	Uninjured	Total
Ground					0

NA2022-06942

*Communication Direction and Method	Incoming phone call				
*Roster	Business hours notifications				
Communication details					
*Date received	30/11/2022	13	58	30	Canberra, Melbourne, Sydney
*Communication type	New Aviation Notification				
*Last name	Section 22				
*Given name	Section 22				
Phone no.	Section 22				
Organisation	Airservices Australia				
Email	[Redacted]				
Role type					
Summary					
*Summary	The helicopter was making an approach to land (unknown approach) made a missed approach. In that process it was observed to fall out of the sky. Tower controller outside at the time heard and saw it flying normally and then it went silent as it went down. Unknown activity.				
Notification					
*Notification Status	Imported	Notification Source	Phone		
Operator Reference ...	[Redacted]	*Occurrence Time Type	Actual		
Occurrence Date Time	30/11/2022	13	04	Canberra, Melbourne, Sydney	
*Location Description	near Moorabbin	*Location State	VIC		
*Occurrence Class	Serious incident				
Occurrence Category L1	Operational	Occurrence Category L2	Terrain collisions	Occurrence Category L3	Collision with terrain
Fatal	Serious	Minor	Uninjured	Total	
Ground				0	

From: Section 22 @govcms.gov.au on behalf of ATSB
To: ATSBASIR
Subject: Webform submission from: Occurrence Notification - Aviation
Date: Thursday, 1 December 2022 8:39:38 AM

Submitted on Thu, 2022-12-01 08:39

Submitted by: Anonymous

Submitted values are:

Reporter's first name:

Section
22

Reporter's last name:

Section
22

Phone: (include country code if calling internationally)

Section 22

Email:

Section 22

Position/Role

Section 22

Event details

30/11/2022 - 1:00pm

What state/territory did the event occur in?

Victoria

Location of event

1nm west of Moorabbin Airport.

Section 22

Was there damage to the aircraft?

Yes

Number of crew on board

1

Number of passengers on board

0

Occurrence class

Accident

Was there any injury to a person?

Yes

Describe the event

The student was conducting a solo navigation exercise. On return to Moorabbin, on the downwind leg of th 17 circuit, he had an accident that resulted in the helicopter ending up

on the roof of a house. At this point in time I don't have any more information why this happened.

Attach Supporting Files

{Empty}

Describe the aircraft **Aircraft registration/RPAS serial**
VH-OBK

Manufacturer

Hughes Helicopters

Model

269C

Flight number (if applicable, else leave blank)

{Empty}

Operation Pilot flying role

Student pilot

Flight activity

Solo training

Departure location

YMMB

Destination location

YMMB

Related runway (if applicable)

17

Aerodrome proximity

Off aerodrome < 10 km

Type of operation

{Empty}

Phase of flight

Cruise

Flight rules

VFR

Flight condition

VMC

Altitude type

{Empty}

Altitude

{Empty}

Event type

{Empty}