



A 07/18



Date : 15 August 2018
Type : Robinson R66
Registration : 9M-RML
Operator : Private
Fatality : 0
Nature : Lost Control - Inflight
Location : Subang Airport, Kuala Lumpur

SUMMARY

On 15th August 2018 at approximately 0725 LT (local time), a Robinson R66 helicopter bearing registration 9M-RML was on a demonstration flight at Sultan Abdul Aziz Shah Airport, Subang (WMSA).

During the sloping ground exercise at the grass area, after completed the landing with left skid upslope, the helicopter attempted take-off procedure from the sloping ground. Upon lift-off, the helicopter drifted to the right and the PIC (Pilot in command) performed immediate corrective action which caused the helicopter to bank to the left. As the helicopter banked to the left excessively, the main rotor blades struck on the upslope and caused the fuselage to spin uncontrollably clockwise direction and impacted to the ground at approximately 90 degrees from its original heading.

Both of the occupants escaped the helicopter safely with the PIC suffered minor injury and the helicopter sustained substantial damage.

CAUSE

The cause of the accident is due to a 'loss of lateral control' during liftoff leading to dynamic roll over.

SAFETY RECOMMENDATION

It is recommended that:

1. The aircraft commander to ensure a proper pre-flight briefing to be conducted prior to any flight and to include an understanding on the exercise that going to be carried out together with safety precaution.
2. The airport operator (MAHB) is to designate a suitable place for helicopter sloping ground exercise and a hovering area for precision flying preferably a slope of 5 degree with a trimmed grass.
3. The Civil Aviation Authority of Malaysia (CAAM) is to supervise the instructional techniques for Robinson 66 especially on the use of nonconventional cyclic stick control.