

**GOVERNMENT OF INDIA  
MINISTRY OF CIVIL AVIATION  
LOK SABHA  
UNSTARRED QUESTION NO. : 456  
(To be answered on the 19<sup>th</sup> July 2018)**

**AIRCRAFT/HELICOPTER ACCIDENTS**

**456. SHRI SHIVKUMAR UDASI  
SHRI SUSHIL KUMAR SINGH**

**Will the Minister of CIVIL AVIATION  
नागर विमानन मंत्री**

**be pleased to state:-**

- (a) the details of aircraft/helicopter accidents that occurred in the country during the last three years and the current year, year wise;
- (b) whether the Government has reviewed the cases of various accidents and technical snags in the planes in the country during the last three years and the current year and if so, the details thereof;
- (c) whether the details regarding action taken against the guilty persons have been collected and if so, the details thereof;
- (d) whether a chartered plane of Mumbai has recently met an accident and two Delhi bound passenger planes have made emergency landings and if so, the details thereof; and
- (e) the Committee appointed by the Government on each air crash and other mishaps for the said period and the action taken by the Government in each such cases?

**ANSWER**

**Minister of State in the Ministry of CIVIL AVIATION  
नागर विमानन मंत्रालय में राज्य मंत्री**

**(Shri Jayant Sinha)**

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- (a) The details of the aircraft/ helicopter accidents year wise is attached at Annexure A.
  - (b) With regard to technical snag/defects, DGCA has laid down regulations and procedures wherein airline operators are required to monitor snag/defects encountered during aircraft operations. These snags are analyzed by regional airworthiness offices of DGCA and the aircraft operators are advised to take corrective actions on the adverse trend, if any.
  - (c) Based on the review of investigation reports following actions has been taken by DGCA which have occurred during the last three years:
    - (i) 24 Pilots were suspended/offrostered and were released subsequently after undergoing the corrective training.

(ii) 58 AMEs were found blameworthy for snags due to maintenance errors. Accordingly, they were issued suspension/warning.

(iii) Aerodrome license of one airport was suspended due to deficient upkeep of operational area.

(d) One C-90 Aircraft with registration VT-UPZ has met with an accident during test flight in Mumbai. With respect to the emergency landing, the details are as under:

(i) M/s Indigo A320 aircraft involved in an Air Turn Back to Delhi due Engine 1 stall on 03.06.2018. In flight shutdown of engine 1 was carried out and investigation revealed failure of last stage turbine blades.

(ii) M/s Spicejet B737 aircraft involved in AFT CARGO compartment fire warning incident on 12.02.2018. The cause of AFT CARGO fire warning was faulty AFT CARGO electronic unit.

(iii) M/s Spicejet B737 aircraft involved in cabin altitude warning due both pack trip during climb on 04.07.2018 while operating sector Mumbai-Delhi. Passenger oxygen masks deployed and aircraft diverted to Ahmadabad. The incident occurred due to faulty Ram air actuator.

(e) The details of investigations are attached as Annexure A. Following corrective steps are taken by DGCA:

(i) Safety recommendations emanating from the investigation reports are followed up for implementation with the concerned agencies so as to prevent recurrence of similar incident in future.

(ii) Accident/incident data is regularly analyzed and based on the analysis Air Safety Circulars are issued to bring important observations/findings to the notice of the operators to avoid the recurrence of the accidents/incidents.

(iii) As per the annual surveillance program, audit of the operators is carried out. Findings of audit report are followed up with the operator for compliance. The compliance of the action taken by the operator is further verified during the next audit.

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## ANNEXURE A

## ACCIDENTS TO INDIAN CIVIL &amp; FOREIGN REGISTERED AIRCRAFTS &amp; HELICOPTERS IN 2015

S/N	Date	Place	Regn.	Operator	Details of Accident	Status
1	08.03.2015	Hubli	VT-SUA	Spice Jet	After landing at Hubli aircraft veered toward the left side of the runway and in the process over run the runway edge light followed by LH gear collapsed. Thereafter the aircraft exited the runway to its left side on Kutcha and came to the final stop at around 52 m away from the runway center line.	Investigation completed by the Committee formed by the MoCA under Rule 11 of Aircraft (Investigation of Accident and Incident), Rules 2012 and the recommendations made by the Committee have been taken up with the concerned authorities for implementation.
2	13.04.2015	Khajuraho	VT-JGA	Jet Airways	The LH landing gear collapsed during landing roll. The crew carried out emergency evacuation.	
3	02.05.2015	Begurkoli, Coorg	VT-USO	Private	Sh. CS Ramesh Rao planned for a local sortie along with his friend and took off from Begurkoli at 1245hrs heading 310 from runway 31' After completing the local sortie of about 2 hours L5 minutes the microlight aircraft returned at around 1400 hours and approached the grass strip heading 130. The microlight aircraft touched down but could not stop until 3/4th of the grass strip length when the pilot decided to go around and took off again. After take-off the aircraft climbed to about 50 to 60 feet turned left when it suddenly lost lift and fell on the ground impacting on nose first.	
4	04.08.2015	Arunachal Pradesh	VT-PHK	Pawan Hans Ltd	The helicopter was scheduled to operate flight Dibrugarh-Khonsa-Longding-Changlang Dibrugarh. The helicopter started up at Dibrugarh at 0421 UTC and took off at 0425 UTC for Khonsa under Special VFR. Subsequent after the take-off, helicopter informed ATC Dibrugarh ETA Khonsa 0447 UTC and changed over to Chabua ATC at 0429 UTC. At 0457 UTC the pilot of VT-PHK informed ATC Chabua that they got airborne from Khonsa and climbing to 4500 ft and estimating Longding at 0508 UTC. At 0508 UTC ATC Chabua called up to VT-PHK but did not get any reply. Subsequently search and rescue operations started. On 13.08.2015, the helicopter was located and bodies were recovered from the crash site.	
5	04.11.2015	Bombay High (Mumbai)	VT-PWF	Pawan Hans Ltd	The helicopter was operating a training flight for night recency of Capt. Tarun Kanti Guha. Helicopter took off from rig "WIS" at 07:15PM IST. While landing at "RONTAP MEYER" it met with an accident. After impact ELT has triggered. Search and Rescue was carried out by Indian Coast Guard and Indian Navy. The Cockpit door has been found at the last known position of helicopter i.e. 19 Deg 16 N and 71deg and 27E around 77 NM.	
6	23.11.2015	Katra (Jammu)	VT-JKB	Himalayan Heli Services	Helicopter just after take-off from Katra helipad suddenly made a turn back and in the process lost control and started descending and finally crash landed on an open field. The helicopter got entangled with the electric wires, toppled and caught fire before impacting with ground. A dead Vulture was found along with the wreckage at the accident site which got burnt along with helicopter.	
7	24.11.2015	Nagaland	VT-ELJ	Pawan Hans Ltd	Helicopter after took-off from dimapur with 4 passengers onboard and after 35 minutes of flight the helicopter made a crash landing. Helicopter rear portion caught fire due impact.	
8	04.12.2015	Jabalpur	VT-SUC	SpiceJet Ltd.	The aircraft just after touch down hit wild boars on runway. The aircraft skidded left of the runway and entered Kutcha. The aircraft received substantial damage.	
9	16.12.2015	Mumbai	VT-SCQ	Air India.	The aircraft after push back started moving for taxi with RH engine power. The technician standing below the nose of the aircraft did not realise the aircraft movement and sucked into the RH Engine and received fatal injury.	
10	22.12.2015	Delhi	VT-BSA	Border Security Force	The aircraft just after take off took a 180 degree left turn and crash landed on a water treatment tank short of the airport boundary.	

**ACCIDENT TO INDIAN CIVIL & FOREIGN REGISTERED AIRCRAFTS & HELICOPTERS IN 2016**

S/N	Date	Place	Regn.	Operator	Details of Incident/Probable Cause.	Status
1	03.03.2016	Mumbai	VT-JGD	Jet Airways	After landing on runway 27 at Mumbai, cockpit crew heard a thud sound an aircraft started turning towards right. During investigation it was observed that trunnion pin sheared off during landing roll.	Investigation completed by the Committee formed by MoCA under Rule 11 of Aircraft (Investigation of Accident and Incident), Rules 2012 and the recommendations made by the Committee have been taken up with the concerned authorities for implementation.
2	09.03.2016	Pune	VT-GLK	Gliding Center	The glider had landed in a small open space barely 800 mt (lateral separation) short of Gliding Centre. The glider got severally damaged due to impact as the tail wheel got entangled in the overhead electrical wire and it landed on the pipes which were stacked on the ground.	
3	07.05.2016	Indore	VT-JCX	Jet Airways	The aircraft was involved in Runway Excursion while landing at Rwy 25. Aircraft veered towards left, went into kutchra and stopped near isolation bay	Investigation In Progress
4	24.05.2016	Najafgarh, Delhi	VT-EQO	Alchemist	The aircraft crash landing in open field 5-6 NM short of Rwy 10, due to both engine failure	Investigation In Progress
5	06.07.2016	Chennai	VT-LTA	L&T Aviation Services	Aircraft touched down at runway shoulder causing aircraft to veer towards unpaved surfaces. Nose gear collapsed and the LH main gear wheels were badly damaged. The aircraft was stuck on the runway.	Investigation In Progress
6	11.12.2016	Mumbai	VT-PHB	Aman Aviation	Helicopter VT-PHB tookoff from Juhu Aerodrome at 1139 IST for local flying and pilot encountered clutch problem and during emergency landing helicopter crash landed and caught fire and destroyed.	Investigation completed by the Committee formed by MoCA under Rule 11 of Aircraft (Investigation of Accident and Incident), Rules 2012 and the recommendations made by the Committee have been taken up with the concerned authorities for implementation.
7	27.12.2016	Goa	VT-JBG	Jet Airways	Aircraft was aligned with the runway center line and throttle was at approx. 40% of N1 and TOGA was pressed by PIC. As soon as TOGA was pressed, aircraft started veering towards the right of centerline. In spite of efforts by the crew to control the aircraft by applying rudder, brakes, aircraft exited the runway on the right. Aircraft stopped on the soft ground and sustained substantial damage.	

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ACCIDENT TO INDIAN CIVIL & FOREIGN REGISTERED AIRCRAFTS & HELICOPTERS IN 2017

S/N	Date	Place	Regn.	Operator	Details of Incident/Probable Cause.	Investigation Status
1	26.04.2017	Gondia	VT-NFM	National Flying Training Institute	The aircraft had departed from Gondia airfield Runway 04, for local flying at 0354 UTC, with an Instructor and a trainee on board. Aircraft made last contact with ATC at 0359 UTC. ATC tried contacting the aircraft but there was no response from the aircraft. Another NPTI aircraft VT-NFC, that was flying in the vicinity was asked to proceed to the same sector as last reported by VT-NFM. VT-NFC reported seeing the wreckage of the aircraft broken into three pieces.	Investigation in Progress
2	26.04.2017	Chintagufa Helipad	VT-DDA	Dhillon Aviation	Helicopter toppled down at the time of landing at chintagufa helipad.	Investigation in Progress
3	25.05.2017	Latur	VT-CMM	Maharashtra Government	Helicopter VT-CMM airborne at around 11.55 hrs (IST) from helipad Nailanga for Raj Bhawan Mumbai with 04 pax on board including CM of Maharashtra Sh. Devendra Fadnavis crash landed due to high tension cables. Persons on board 06 (02 Crew + 04 Passengers) and all are safe.	Investigation in Progress
4	10.06.2017	Badrinath	VT-NRK	Kestrel Aviation Pvt. Ltd	Helicopter crashed at Badrinath (100 m from Civil Helipad Badrinath towards Govind Ghat) at time 0715 IST soon after takeoff.	Investigation in Progress
5	26.08.2017	Delhi	ER-BAT	Fly Pro	The aircraft after lining up on runway for take-off, increased power and after stabilizing the engine at 7860 N, a bang sound was heard by the crew when power was advanced for take-off. Another aircraft holding behind, reported metal parts separated from the engine. Oil pressure warning light came on and oil pressure came to zero. The aircraft aborted take-off and vacated runway. The aircraft taxied back to stand and it was observed that turbine section (LPT) and exhaust cone separated from the engine. The separated turbine blades punctured some part of trailing edge flaps and one of the access doors of fuel tank resulted in fuel leakage	Investigation in Progress
6	05.09.2017	Cochin	VT-AYB	Air India	After landing the aircraft was given taxi instructions to stand. However the pilot reported unable to taxi due ditch and requested towing. After inspection it was observed that aircraft rear wheels were found stuck in the drain adjacent to taxiway. PAX were disembarked normally by step ladder. Nose oleo collapsed and engine bottom surface has contacted the ground.	Investigation in Progress
7	01.12.2017	Dhule	VT-BCA	Bombay Flying Club	The aircraft while en-route to Dhule airport made an emergency landing in a village 21NM short of Dhule Airport, due to fuel starvation which led to failure of both the engines.	Investigation in Progress

**ACCIDENT TO INDIAN CIVIL & FOREIGN REGISTERED AIRCRAFTS & HELICOPTERS IN 2018**

S/N	Date	Place	Regn.	Operator	Details of Accident/Probable Cause.	Investigation Status
1	13.01.2018	Bombay High (Mumbai)	VT-PWA	M/s Pawan Hans Ltd.	The helicopter after about 11 minutes of take-off crashed into Mumbai High	Investigation Progress
2	26.04.2018	Faizabad	VT-PTD	M/s Falcon Aviation Academ	The Instructor and Trainee Pilot were authorized for an Instrument flying sortie. It was reported that during flight the aircraft had an engine failure and failed to restart. The pilots carried out a forced landing on a river bed. The aircraft hit a mud/sand Bund, toppled over and resting in an upside down condition.	Investigation Progress
3	28.06.2018	Mumbai	VT-UPZ	M/s. UY Aviation	Aircraft on a test flight has crashed in Sarvodaya Nagar, Ghatkopar West, Mumbai.	Investigation Progress