

**GOVERNMENT OF INDIA  
MINISTRY OF CIVIL AVIATION  
LOK SABHA  
UNSTARRED QUESTION NO. : 2135  
(To be answered on the 3<sup>rd</sup> August 2015)**

**EMERGENCY LANDINGS**

**2135. SHRI NAGAR RODMAL**

**Will the Minister of CIVIL AVIATION**

**नागर विमानन मंत्री**

**be pleased to state:-**

- (a) whether some incidents of emergency landings/improper landings have been reported at various airports of the country during the last three years and the current year;
- (b) if so, the details of such incidents reported at the airports during the said period, airport-wise along with the reasons therefor;
- (c) whether these incidents of emergency landings have been investigated and if so, the details and the findings thereof; and
- (d) the corrective measures taken or being taken by the Government/the Directorate General of Civil Aviation in this regard?

**ANSWER**

**Minister of State in the Ministry of CIVIL AVIATION**

**नागर विमानन मंत्रालय में राज्य मंत्री**

**(Dr Mahesh Sharma)**

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(a) & (b) During the last three years and the current year, a total of 141 incidents of emergency landings due to medical emergency and technical reasons have been reported to DGCA. The details of incidents is annexed as Annex-"A".

(c) to (d): All incidents except emergency landing due to medical issues are investigated by DGCA/AAIB and also by the PIB (Permanent Investigation Board) of the concerned airlines in association with officers of regional air safety offices depending upon the severity of case. Safety recommendations emanating from the investigation reports are followed up for implementation with the concerned agencies so as to prevent

**recurrence of similar incidents in future.**

**Moreover, the accident/incident data is regularly analysed and based on the analysis, Air Safety Circulars are issued to bring important observations/findings to the notice of the operators to avoid recurrence of such mishaps.**

**DGCA also carries out the audit of operators as per Annual Surveillance Programme. Recommendations emanating from such reports are followed up with the operator for implementation.**

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DETAILS OF EMERGENCY LANDING FOR YEAR 2012

| S No. | Date/ Place                          | Operator             | Brief Description                                                                                                                                                                          | Type of Emergency/Cause                                                                                                                                                              |
|-------|--------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | 03.02.2012<br>Brussels               | Jet Airways          | Aircraft landed back at Brussels due medical emergency.                                                                                                                                    | Medical Emergency                                                                                                                                                                    |
| 2.    | 19.02.2012<br>Cochin                 | AICL                 | Aircraft diverted to Cochin due medical emergency.                                                                                                                                         | Medical Emergency                                                                                                                                                                    |
| 3.    | 05.03.2012<br>Delhi                  | Jet Airways          | Engine No. 1 vibration followed by increase in Engine No. 1 EGT rise. Bird hit was suspected by the crew.                                                                                  | Emergency Landing<br>The incident occurred due to engine damage.                                                                                                                     |
| 4.    | 15.03.2012<br>Mumbai-<br>Kolkata     | Jet Airways          | Aircraft diverted to Nagpur due medical emergency on board.                                                                                                                                | Medical Emergency                                                                                                                                                                    |
| 5.    | 03.04.2012<br>Bangalore              | Jet Airways          | During cruise, No. 1 engine oil quantity indicated zero and oil pressure was fluctuating & went to red.                                                                                    | Emergency Landing<br>The incident occurred due to broken Engine No. 1 starter clamp.                                                                                                 |
| 6.    | 03.07.2012<br>Rajkot -Bombay         | Jet Lite             | Emergency Landing at Bombay due both VHF communication transmission failure due lightening strike.                                                                                         | Emergency Landing<br>The incident was caused as due to lightening strike, Remote Electronic Unit used in the communication circuit was damaged leading to the loss of communication. |
| 7.    | 09.07.2012<br>Nawabshah,<br>Pakistan | Air India<br>Limited | Aircraft was involved in an incident due to overheat warning of all the three hydraulic systems. The snag was encountered at FL350. Aircraft diverted and landed at Nawabshah in Pakistan. | Emergency Landing<br>The cause of incident is attributed to malfunction of a computer called SDAC.                                                                                   |
| 8.    | 26.08.2012<br>Mumbai                 | Air India            | Aircraft diverted to Mumbai due medical emergency.                                                                                                                                         | Medical Emergency                                                                                                                                                                    |
| 9.    | 11.09.2012<br>Nagpur                 | Spice Jet            | Flight diverted to Nagpur owing to Medical emergency.                                                                                                                                      | Medical Emergency                                                                                                                                                                    |
| 10.   | 05.10.2012<br>Bombay                 | Spice Jet            | Flight diverted to Bombay owing to medical emergency on board.                                                                                                                             | Medical Emergency                                                                                                                                                                    |
| 11.   | 01.11.2012                           | Spice Jet            | Aircraft diverted to Abu Dhabi owing to death on board.                                                                                                                                    | Medical Emergency                                                                                                                                                                    |

|     |                               |             |                                                                                         |                   |
|-----|-------------------------------|-------------|-----------------------------------------------------------------------------------------|-------------------|
|     | Abu Dhabi                     |             |                                                                                         |                   |
| 12. | 13.11.2012<br>Bagdogra -Delhi | Spice Jet   | One Passenger had sudden cardiac arrest and later she was declared dead by the doctor.  | Medical Emergency |
| 13. | 19.11.2012<br>Hyderabad       | Indigo      | Aircraft diverted to Hyderabad due to medical emergency.                                | Medical Emergency |
| 14. | 24.11.2012<br>Muscat          | Jet Airways | Flight was diverted to Muscat due to medical emergency & emergency landing was made.    | Medical Emergency |
| 15. | 28.11.2012<br>Ahmedabad       | Spice Jet   | Flight diverted to Ahmedabad owing to medical emergency on board.                       | Medical Emergency |
| 16. | 29.11.2012<br>Lucknow         | Indigo      | Aircraft diverted to Lucknow on priority due sick person on board having heart problem. | Medical Emergency |
| 17. | 15.12.2012<br>Lucknow         | Indigo      | Aircraft Diverted due to medical emergency                                              | Medical Emergency |
| 18. | 18.12.2012<br>Ahmedabad       | Spice Jet   | Flight diverted to Ahmedabad owing to medical emergency on board.                       | Medical Emergency |
| 19. | 25.12.2012<br>Cochin          | Spice Jet   | Aircraft made a priority landing due sick person on board.                              | Medical Emergency |

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DETAILS OF EMERGENCY LANDINGS FOR YEAR 2013

| S.No | Date       | Place     | Operator    | Brief Description                                                                                                                                                                                                                                                                                                  | Type Of Emergency / Cause of incident             |
|------|------------|-----------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| 1.   | 12.01.2013 | Hyderabad | Spice Jet   | Aircraft Diverted to Hyderabad due to Medical Emergency.                                                                                                                                                                                                                                                           | Medical Emergency                                 |
| 2.   | 16.01.2013 | Mumbai    | Spice Jet   | Priority landing at Mumbai due to Medical Emergency.                                                                                                                                                                                                                                                               | Medical Emergency                                 |
| 3.   | 26.01.2013 | Kolkata   | Jet Airways | Air turn back and emergency landing was made due medical emergency.                                                                                                                                                                                                                                                | Medical Emergency                                 |
| 4.   | 02.02.2013 | Kolkata   | Air India   | Priority landing due to medical emergency.                                                                                                                                                                                                                                                                         | Medical Emergency                                 |
| 5.   | 06.02.2013 | Mangalore | AICL        | An overweight landing was carried out due to medical emergency at Mangalore.                                                                                                                                                                                                                                       | Medical Emergency                                 |
| 6.   | 13.02.2013 | Dubai     | Jet Airways | Aircraft demanded priority landing and had an Air Turn Back due to medical emergency.                                                                                                                                                                                                                              | Medical Emergency                                 |
| 7.   | 15.02.2013 | Hyderabad | Jet Airways | Scheduled flight from Shamshabad to Chennai. Returned to Shamshabad due sick infant on board                                                                                                                                                                                                                       | Medical Emergency                                 |
| 8.   | 21.02.2013 | Bangalore | Spicejet    | Priority landing at BLR owing to medical emergency on board.                                                                                                                                                                                                                                                       | Medical Emergency                                 |
| 9.   | 22.02.2013 | Cochin    | Jet Airways | Reported medical emergency for runway 09 and carried out missed app at 0514 IST while carrying out VOR/DME ARC APP, due high altitude                                                                                                                                                                              | Medical Emergency                                 |
| 10   | 23.02.2013 | Kolkata   | Indigo      | At ETA 0236 UTC ATC was requested for priority landing due to sick person on board.                                                                                                                                                                                                                                | Medical Emergency                                 |
| 11   | 04.03.2013 | Nagpur    | Indigo      | The pilot reported that during cruise at FL360 about 60-70 NM from Nagpur lead cabin attendant informed that an infant on board had a medical emergency. A doctor on board attended the infant and advised that the infant needs an immediate medical assistance. The flight diverted to Nagpur and landed safely. | Medical Emergency                                 |
| 12   | 10.03.2013 | Hyderabad | Air India   | During climb while passing FL110, Engine 2 EGT over limit followed by Engine – 2 fail.                                                                                                                                                                                                                             | Emergency Landing<br>The incident occurred due to |

|    |            |              |             |                                                                                                                                                                                                                                                                                            |                                                                                                                    |
|----|------------|--------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
|    |            |              |             |                                                                                                                                                                                                                                                                                            | damaged retaining nut of PMA drive gear.                                                                           |
| 13 | 16.03.2013 | Lucknow      | Spicejet    | Diverted to Lucknow due medical emergency.                                                                                                                                                                                                                                                 | Medical Emergency                                                                                                  |
| 14 | 21.03.2013 | Lucknow      | Air India   | Aircraft declared medical emergency.                                                                                                                                                                                                                                                       | Medical Emergency                                                                                                  |
| 15 | 31.03.2013 | Delhi        | Spicejet    | Priority landing at DEL owing to medical emergency on board.                                                                                                                                                                                                                               | Medical Emergency                                                                                                  |
| 16 | 18.04.2013 | Kolkata      | Jet Airways | Aircraft made a medical emergency landing due to sick person on board.                                                                                                                                                                                                                     | Medical Emergency                                                                                                  |
| 17 | 20.04.2013 | Hyderabad    | Indigo      | Aircraft made priority landing on Runway 09R due medical emergency.                                                                                                                                                                                                                        | Medical Emergency                                                                                                  |
| 18 | 10.03.2013 | Shamshabad   | Air India   | Aircraft reported returning to Shamshabad due one engine failure. Aircraft requested priority landing and was approved. Aircraft reported PAN PAN. Aircraft landed safely                                                                                                                  | Emergency Landing<br>The incident was caused due to malfunction of engine computer.                                |
| 19 | 08.05.2013 | Guwahati     | Indigo      | Aircraft diverted to Guwahati due bad weather at Agartala and while in the sequence to land at Guwahati , requested for priority landing due sick person on board. Aircraft landed at 1713 IST. Diversion due Medical Emergency                                                            | Medical Emergency                                                                                                  |
| 20 | 13.05.2013 | Lucknow      | Indigo      | Death on board incident was reported. During Push back at Lucknow Lead Cabin Attendant informed that a lady passenger seated on Seat No. 30C was not feeling well. The Lady passenger was attended by an on-board doctor and declared dead by the Doctor. The aircraft return back to bay. | Medical Emergency                                                                                                  |
| 21 | 13.05.2013 | Bhopal       | Air India   | The flight was diverted to Bhopal as cockpit door got jammed and did not open. Over weight landing was carried out.                                                                                                                                                                        | Emergency Landing<br>The door got jammed due to a screw trapped between the cockpit door lower edge and the floor. |
| 22 | 21.05.2013 | Delhi        | Indigo      | Aircraft was involved in a Precautionary Landing at Delhi due to Medical Emergency on board. The sick Passenger was attended by an on board Doctor. Post landing the sick passenger was offloaded at Delhi                                                                                 | Medical Emergency                                                                                                  |
| 23 | 04.06.2013 | Pune – Delhi | Indigo      | One passenger seated on Seat No. 26F was not feeling well. The sick passenger was attended by an doctor on-board and provided with medical aid. ATC Vadodara was informed, the aircraft diverted to Vadodara and landed safely. The sick passenger expired on board.                       | Medical Emergency                                                                                                  |
| 24 | 17.06.2013 | Kolkata      | Spice jet   | Air turn back owing to medical emergency onboard                                                                                                                                                                                                                                           | Medical Emergency                                                                                                  |

|    |            |                   |              |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                   |
|----|------------|-------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 25 | 17.06.2013 | Kolkata           | Spice jet    | Returned midway to Kolkata due sick person on board while returning reported sick person is no more.                                                                                                                                                                                                                                   | Medical Emergency                                                                                                                 |
| 26 | 27.06.2013 | Delhi             | Alliance Air | Aircraft was involved in emergency landing due pilot reported Total Loss of controls, controls jammed, wrong indication of icing and trimming..                                                                                                                                                                                        | Engineering emergency<br>The incident was caused due to flight control malfunction. However exact cause could not be ascertained. |
| 27 | 01.07.2013 | Kolkata           | Jet Airways  | Aircraft carried out priority landing due sick person on board (heart problem).                                                                                                                                                                                                                                                        | Medical Emergency                                                                                                                 |
| 28 | 20.07.2013 | Hyderabad         | Jet lite     | Flight diverted to Hyderabad because guest seated on 24E suffered Heart Attack.                                                                                                                                                                                                                                                        | Medical Emergency                                                                                                                 |
| 29 | 21.07.2013 | Mumbai            | Indigo       | An incident of death on board happened during flight and its diverted back to BOM, landed at 1145 hrs and The flight operated after off loading the medical case along with fellow passengers and change of aircraft .                                                                                                                 | Medical Emergency                                                                                                                 |
| 30 | 21.07.2013 | Mumbai to Chennai | Indigo       | As per the commander's report, at cruise altitude approximately 37000 ft the Lead Cabin attendant informed that an infant was not responding to his parents. The pilot decided to land back at Mumbai declaring medical emergency on board. On arrival at Mumbai, the sick infant was attended by an Airport Doctor and declared dead. | Medical Emergency                                                                                                                 |
| 31 | 18.08.2013 | Delhi             | Air India    | Aircraft had an emergency landing at DEL due yellow hydraulic system loss. Aircraft was towed from runway to bay No: R 09. The following snags were reported: - 1. Hyd Yellow ENG 2 Pump LO PR, 2. After 12 min HYD yellow reservoir LO level. Due HYD Y LO level nose wheel steering inoperative.                                     | Emergency landing<br>The incident was caused due to the leakage of yellow hydraulic system.                                       |
| 32 | 03.09.2013 | Delhi             | Jet Airways  | Reported "smoke warning lights on" but physically checked no smoke in Cockpit and requested Runway11. Mixed mode operation Runway28/29 was in progress, Aircraft accommodated on Runway 11. Full emergency was declared. Aircraft landed safely on Runway11 at 0030UTC. At 0032UTC, Aircraft reported all operations normal.           | Emergency landing<br>The incident was caused due to Spurious smoke warning.                                                       |
| 33 | 24.09.2013 | Ranchi            | Indigo       | Aircraft returned to Ranchi FM 74 NM RRC due sick person on board, Aircraft landed safely at time 0505 UTC.                                                                                                                                                                                                                            | Medical Emergency                                                                                                                 |
| 34 | 24.09.2013 | Lucknow           | Jet Airways  | Aircraft made priority landing due sick person on board                                                                                                                                                                                                                                                                                | Medical Emergency                                                                                                                 |
| 35 | 29.09.2013 | Varanasi          | Spicejet     | Mr. Mohammad Akhtar occupying seat no.23D was not well and fell                                                                                                                                                                                                                                                                        | Medical Emergency                                                                                                                 |

|    |            |                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   |
|----|------------|-----------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
|    |            |                 |           | unconscious during flight. Immediately oxygen was administered, and paging for onboard doctor was carried out. As no doctor was onboard AED and CPR was administered by the Cabin Crew. Pilot in Command was appraised about the situation. In view of the above Pilot in Command requested for ambulance on arrival at VNS station. After landing at VNS, the Passenger was examined by airport authority doctor. The doctor declared him brought dead. The body was taken for the postmortem. |                   |
| 36 | 04.10.2013 | Hyderabad       | Indigo    | Flight from Shamshabad to Kolkata returned from 197NM east of Hyderabad due medical emergency.                                                                                                                                                                                                                                                                                                                                                                                                  | Medical Emergency |
| 37 | 12.10.2013 | Delhi-Hyderabad | Spicejet  | During flight, passenger complained of restlessness, He was sweating and panting. Cabin crew immediately paged for a doctor. As the passenger's condition was not improving, an on-board doctor advised PIC to land at the nearest airport. The flight was diverted to Bhopal.                                                                                                                                                                                                                  | Medical Emergency |
| 38 | 29.10.2013 | Cochin          | AICL      | Aircraft made a priority landing on Rwy 09 due to a sick person on board.                                                                                                                                                                                                                                                                                                                                                                                                                       | Medical Emergency |
| 39 | 29.10.2013 | Lucknow         | Indigo    | Flight diverted to Lucknow due to medical emergency on board                                                                                                                                                                                                                                                                                                                                                                                                                                    | Medical Emergency |
| 40 | 07.11.2013 | Hyderabad       | Indigo    | Aircraft diverted to Shamshabad due medical emergency.                                                                                                                                                                                                                                                                                                                                                                                                                                          | Medical Emergency |
| 41 | 07.11.2013 | Chennai-Delhi   | Indigo    | Flight was diverted to Hyderabad due to medical emergency on board.                                                                                                                                                                                                                                                                                                                                                                                                                             | Medical Emergency |
| 42 | 07.11.2013 | Bangalore       | Indigo    | Flight was diverted to due to medical emergency on board.                                                                                                                                                                                                                                                                                                                                                                                                                                       | Medical Emergency |
| 43 | 08.11.2013 | Nagpur          | Indigo    | Flight was diverted to due to medical emergency on board.                                                                                                                                                                                                                                                                                                                                                                                                                                       | Medical Emergency |
| 44 | 09.11.2013 | Kolkata         | Jetlite   | Made priority landing due sick person on board.                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Medical Emergency |
| 45 | 09.11.2013 | Tashkent        | Air India | Aircraft was diverted to Tashkent due to medical emergency. After landing no-5, 6, 9 tire pressure zero & no: 10 wheel rivets (as reported by captain) sheared. Brake temp went to 5.7 thereby in high energy stop caution range. Aircraft declared AOG at Tashkent.                                                                                                                                                                                                                            | Medical Emergency |
| 46 | 12.11.2013 | Mumbai          | Indigo    | During Cruise the lead cabin attendant informed to Commander that a lady passenger seated on row 24E was not feeling well. Cabin attendant paged for Doctor but there was no Doctor on board available. The sick passenger was monitored by cabin attendant throughout the flight. During Descent the sick passenger was feeling dizzy. ATC was informed and requested for priority and medical assistance on arrival at Mumbai. The flight landed safely at Mumbai.                            | Medical Emergency |
| 47 | 14.11.2013 | Agartla         | Air India | Aircraft returned to bay after lining up due medically unfit passenger                                                                                                                                                                                                                                                                                                                                                                                                                          | Medical Emergency |



|    |            |           |           |                                                                                                                                                                                                                                                             |                                                                                                                       |
|----|------------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
|    |            |           |           | on board.                                                                                                                                                                                                                                                   |                                                                                                                       |
| 48 | 10.12.2013 | Delhi     | Air india | Flight was planned for FL320, but were restricted to FL280 by ATC, they burned excess fuel. Finding no holding fuel, on suggestion of ATC they declared fuel emergency                                                                                      | Emergency Landing<br>The incident was caused due to fuel emergency.                                                   |
| 49 | 16.12.2013 | Delhi     | Air India | Aircraft made an emergency landing at Jaipur due pressurization failure and subsequent deployment of oxygen masks.                                                                                                                                          | Emergency Landing<br>The incident was caused due to leakage in duct joint connecting ACM compressor to MHE in Pack 1. |
| 50 | 20.12.2013 | Hyderabad | Spicejet  | During cruise cabin crew informed captain that passenger seated on 8E Mr. Bolle Devaiah had epileptic fit. Cabin crew immediately paged for a doctor. The passenger was attended by Doctor onboard. The Pilot in Command requested priority landing at HYD. | Medical Emergency                                                                                                     |
| 51 | 22.12.2013 | Kolkata   | Spicejet  | After reaching top of climb cabin crew informed captain, regarding a sick child onboard whose pupils were dilated. Pilot in Command declared medical emergency and returned back to Kolkata.                                                                | Medical Emergency                                                                                                     |
| 52 | 28.12.2013 | Bangalore | Indigo    | Aircraft made a priority landing due to a sick person on board.                                                                                                                                                                                             | Medical Emergency                                                                                                     |

**DETAILS OF EMERGENCY LANDINGS FOR YEAR 2014**

| S.No | Date      | Place      | Operator  | Brief Description                                                                                                                                                                                                                                                                                                                                                                                                             | Type Of Emergency/ Cause                                                                                                                                                |
|------|-----------|------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.   | 2-Jan-14  | Abu Dhabi  | AICL      | Over weight landing due to medical emergency.                                                                                                                                                                                                                                                                                                                                                                                 | Medical Emergency                                                                                                                                                       |
| 2.   | 5-Jan-14  | Jaipur     | Air India | Aircraft made an emergency landing at Jaipur at 1540 hrs. Aircraft had considerably veered off the runway while landing and went into kachha field and was finally stopped on the runway. All PAX were safe and were evacuated.                                                                                                                                                                                               | Emergency landing<br>The occurrence has been classified as :Serious Incident" by MoCA/AAIB and is under investigation by a committee of inquiry appointed by MoCA/AAIB. |
| 3.   | 5-Jan-14  | New Delhi  | Spice Jet | Aircraft diverted to Jaipur due visibilty below minima at Delhi. Aircraft landed below minima at Delhi due low fuel.                                                                                                                                                                                                                                                                                                          | Emergency landing<br>The occurrence has been classified as :Serious Incident" by MoCA/AAIB and is under investigation by a committee of inquiry appointed by MoCA/AAIB. |
| 4.   | 6-Jan-14  | New Delhi  | Indigo    | Aircraft landed back at Delhi due to medical emergency on board.                                                                                                                                                                                                                                                                                                                                                              | Medical Emergency                                                                                                                                                       |
| 5.   | 11-Jan-14 | Madurai    | Spice Jet | During flight a lady passenger rushed to AFT lavatory and informed cabin crew that she will be in the Lav throughout the flight and not to disturb her .When cabin crew asked the reason, she informed that she is in her third month of pregnancy and she is bleeding. Cabin crew paged for a doctor, but no doctor was available onboard. The passenger was administered oxygen and was given necessary assistance onboard. | Medical Emergency                                                                                                                                                       |
| 6.   | 16-Jan-14 | Port Blair | Spice Jet | During approach Cabin crew reported unwell. A priority landing was carried.                                                                                                                                                                                                                                                                                                                                                   | Medical Emergency                                                                                                                                                       |
| 7.   | 16-Jan-14 | Kolkata    | Air India | Aircraft requested for priority landing at 1500 UTC due technical.                                                                                                                                                                                                                                                                                                                                                            | Emergency Landing<br>The incident was caused due to bird strike.                                                                                                        |

|     |           |                   |             |                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                     |
|-----|-----------|-------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| 8.  | 20-Jan-14 | Jaipur            | Indigo      | Aircraft diverted to Jaipur due to medical emergency on board                                                                                                                                                                                                                                                                                                                                                  | Medical Emergency                                                   |
| 9.  | 21-Jan-14 | Madurai - Dubai   | Spice Jet   | During cruise, one lady pax Seated on 25A was having difficulty in breathing. Cabin crew immediately paged for doctor. The passenger was attended by the doctor available onboard and oxygen was administered. After examining the passenger, doctor informed cabin crew that the pulse is normal however the pulse volume is irregular. Doctor told cabin crew that there may be a chance of cardiac problem. | Medical Emergency                                                   |
| 10. | 22-Jan-14 | Mumbai            | Spice Jet   | Aircraft was diverted to Bombay owing to medical emergency onboard.                                                                                                                                                                                                                                                                                                                                            | Medical Emergency                                                   |
| 11. | 13.2.2014 | Lucknow           | Spicejet    | Flight diverted to Lucknow owing to medical emergency on board.                                                                                                                                                                                                                                                                                                                                                | Medical Emergency                                                   |
| 12. | 18.2.2014 | Raipur            | Indigo      | Aircraft diverted to Raipur due medical emergency.                                                                                                                                                                                                                                                                                                                                                             | Medical Emergency                                                   |
| 13. | 5.3.2014  | Mumbai            | Indigo      | Aircraft landed back to Mumbai due to medical emergency on board.                                                                                                                                                                                                                                                                                                                                              | Medical Emergency                                                   |
| 14. | 15.3.2014 | Delhi             | Spice Jet   | Aircraft declared medical emergency returned to Delhi and landed safely.                                                                                                                                                                                                                                                                                                                                       | Medical Emergency                                                   |
| 15. | 17.3.2014 | Keflavik, Iceland | Air India   | Aircraft diverted to Keflavik, Iceland due to Passenger Medical emergency.                                                                                                                                                                                                                                                                                                                                     | Medical Emergency                                                   |
| 16. | 27.3.2014 | Visakhapatnam     | Indigo      | Aircraft was diverted to Visakhapatnam due to medical emergency on board.                                                                                                                                                                                                                                                                                                                                      | Medical Emergency                                                   |
| 17. | 27.3.2014 | Bhubaneshwar      | Indigo      | Aircraft diverted to Bhubaneswar from enroute due medical emergency.                                                                                                                                                                                                                                                                                                                                           | Medical Emergency                                                   |
| 18. | 3.4.2014  | Mumbai            | Spice Jet   | Priority landing was requested at Mumbai owing to medical emergency onboard.                                                                                                                                                                                                                                                                                                                                   | Medical Emergency                                                   |
| 19. | 12.4.2014 | Muscat            | AICL        | At FL 270, wheel well fire warning came. Emergency was declared and diverted to Muscat.                                                                                                                                                                                                                                                                                                                        | Emergency Landing<br>The cause of the incident was faulty detector. |
| 20. | 17.4.2014 | Hyderabad         | Jet Airways | Aircraft made diversion to Hyderabad airport due to medical emergency.                                                                                                                                                                                                                                                                                                                                         | Medical Emergency                                                   |
| 21. | 22.4.2014 | Chennai           | Spicejet    | During flight, passenger seated on 31 D had a mild cardiac attack. As such, an air turn back was carried out. The passenger was deplaned at Chennai.                                                                                                                                                                                                                                                           | Medical Emergency                                                   |
| 22. | 27.4.2014 | Delhi             | Spice Jet   | During descent, one cabin crew experienced stomach ache . PIC was informed and priority landing was carried out at Delhi.                                                                                                                                                                                                                                                                                      | Medical Emergency                                                   |

|     |            |            |             |                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                         |
|-----|------------|------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 23. | 22.5.2014  | Delhi      | Spicejet    | Air Turn Back owing to medical emergency on board.                                                                                                                                                                                                                                                 | Medical Emergency                                                                                                                                                       |
| 24. | 23.6.2014  | Chandigarh | Go Air      | Aircraft return back to Chandigarh Airport due to medical.                                                                                                                                                                                                                                         | Medical Emergency                                                                                                                                                       |
| 25. | 25.7.2014  | Kolkata    | Jet Airways | Aircraft returned to Kolkata made priority landing, due medical emergency.                                                                                                                                                                                                                         | Medical Emergency                                                                                                                                                       |
| 26. | 30.7.2014  | Agartala   | Spice Jet   | Aircraft returned to Agartala due medical emergency.                                                                                                                                                                                                                                               | Medical Emergency                                                                                                                                                       |
| 27. | 30.7.2014  | Hyderabad  | Indigo      | Aircraft requested diversion and priority landing at Hyderabad due to medical emergency.                                                                                                                                                                                                           | Medical Emergency                                                                                                                                                       |
| 28. | 15.8.2014  | Bangalore  | Spice Jet   | Air turn back owing to medical emergency onboard.                                                                                                                                                                                                                                                  | Medical Emergency                                                                                                                                                       |
| 29. | 16.8.2014  | Mumbai     | Indigo      | A passenger opened the overhead compartment and a laptop bag fell on the head of another passenger. The passenger started bleeding and was being attended to by doctors who were on flight. After about 10 minutes the passenger was feeling dizzy and was shivering. A priority landing was made. | Medical Emergency                                                                                                                                                       |
| 30. | 20.8.2014  | Kolkata    | Jet Airways | Aircraft Landed at Kolkata due medical emergency                                                                                                                                                                                                                                                   | Medical Emergency                                                                                                                                                       |
| 31. | 21.08.2014 | Cochin     | Air India   | Engine No. 2 fire warning came after take-off. Emergency was declared. Engine No. 2 EGT over limit with loud bang noise was heard. Uneventful landing carried out at Cochin.                                                                                                                       | Emergency Landing<br>The occurrence has been classified as "Serious Incident" by MoCA/AAIB and is under investigation by a committee of inquiry appointed by MoCA/AAIB. |
| 32. | 01.9.2014  | Kolkata    | Air India   | Aircraft diverted to Kolkata due to medical emergency.                                                                                                                                                                                                                                             | Medical Emergency                                                                                                                                                       |
| 33. | 06.09.2014 | Toronto    | Air India   | Number 2 engine in-flight shut down due to low oil quantity and low oil pressure.                                                                                                                                                                                                                  | Emergency Landing<br>The cause of Inflight Shut Down was incorrect installation of Engine Driven Pump drive shaft on the Accessory Gear Box.                            |
| 34. | 16.09.2014 | Delhi      | Spicejet    | The aircraft was involved in an air turn back due to in flight shut down of Engine No. 1.                                                                                                                                                                                                          | Emergency Landing<br>The incident occurred due to Fuel leak from the flange of HMU outlet to fuel flow meter.                                                           |
| 35. | 01.12.2014 | Ahmedabad  | IndiGo      | Passenger suffered Epileptic Attack during flight. Flight diverted to Ahmedabad.                                                                                                                                                                                                                   | Medical Emergency                                                                                                                                                       |
| 36. | 04.12.2014 | Kolkata    | IndiGo      | Pregnant passenger unable to breathe properly. Return back to                                                                                                                                                                                                                                      | Medical Emergency                                                                                                                                                       |

|     |            |       |           |                                                                                                                                                                                                                      |                   |
|-----|------------|-------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
|     |            |       |           | Kolkata.                                                                                                                                                                                                             |                   |
| 37. | 01.12.2014 | Delhi | Go Air    | On approach one passenger fell unconscious. On board Doctor attended. Emergency declared for landing to provide immediate medical attention.                                                                         | Medical Emergency |
| 38. | 04.12.2014 | Delhi | Air India | Passenger declared dead by a doctor on board. Aircraft proceed to Delhi. Accordingly was flight continued to VIDP.                                                                                                   | Medical Emergency |
| 39. | 27.12.2014 | Delhi | Air India | While descending into Delhi, the cabin crew informed that a passenger suddenly started screaming with unbearable pain in her head. A medical emergency was declared and a priority landing was carried out at Delhi. | Medical Emergency |

DETAILS OF EMERGENCY LANDINGS FOR YEAR 2015

| S.No | Date       | Place       | Operator    | Brief Description                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Type Of Emergency/ Cause |
|------|------------|-------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 1.   | 04.01.2015 | Mumbai      | IndiGo      | Passenger had respiratory problem. Flight diverted to Mumbai                                                                                                                                                                                                                                                                                                                                                                                                            | Medical Emergency        |
| 2.   | 31.01.2015 | Bhubaneswar | IndiGo      | Passenger needed medical assistance. Flight diverted to Bhubaneswar.                                                                                                                                                                                                                                                                                                                                                                                                    | Medical Emergency        |
| 3.   | 10.02.2015 | Bhubaneswar | IndiGo      | Passenger had fits on-board. Flight diverted to Bhubaneswar                                                                                                                                                                                                                                                                                                                                                                                                             | Medical Emergency        |
| 4.   | 20.02.2015 | Bangalore   | IndiGo      | Landed back at Bangalore due passenger sickness on-board                                                                                                                                                                                                                                                                                                                                                                                                                | Medical Emergency        |
| 5.   | 13.01.2015 | Goa         | Spicejet    | Passenger seated on 23B complained about short breath and mild chest pain. The passenger was attended by a doctor onboard and oxygen was administered by the cabin crew. However there was no improvement in her condition. On the advice of the doctor on board, the PIC decided to return to GOI. Medical emergency was declared and requested for ambulance on arrival.                                                                                              | Medical Emergency        |
| 6.   | 20.02.2015 | Heathrow    | Jet Airways | Medical emergency landing due passenger complaining of chest pain, not subsiding after medication.                                                                                                                                                                                                                                                                                                                                                                      | Medical Emergency        |
| 7.   | 26.02.2015 | Hong Kong   | Jet Airways | Priority landing due medical emergency. Passenger found unconscious and not recovering.                                                                                                                                                                                                                                                                                                                                                                                 | Medical Emergency        |
| 8.   | 10.02.2015 | Helsinki    | Air India   | Aircraft diverted to Helsinki due Medical Emergency.                                                                                                                                                                                                                                                                                                                                                                                                                    | Medical Emergency        |
| 9.   | 05.03.2015 | Tashkent    | Air India   | Aircraft diverted to Tashkent due to Medical Emergency.                                                                                                                                                                                                                                                                                                                                                                                                                 | Medical Emergency        |
| 10.  | 14.02.2015 | Mumbai      | Air India   | A passenger was feeling unwell and a nurse on board examined him and according to her his pulse was dropping and he has been given Sorbitrate and he needed medical assistance. He already had a heart condition according to his family. Crew declared medical emergency To Bombay.                                                                                                                                                                                    | Medical Emergency        |
| 11.  | 26.05.2015 | Muscat      | AICL        | In cruise, the cabin crew informed that a passenger was vomiting blood. Doctor was paged and he volunteered to help. The pax continued to vomit blood and collapsed after which the cabin crew gave him CPR to revive him. As advised by doctor, aircraft was diverted to Muscat for immediate medical attention. All diversion SOP was followed and a safe landing was performed in Muscat where immediate medical assistance was provided as soon as aircraft parked. | Medical Emergency        |
| 12.  | 27.05.2015 | Mangalore   | AICL        | During the flight CIC reported that one of the passengers is vomiting Blood and in severe pain. Cabin crew paged for a Doctor                                                                                                                                                                                                                                                                                                                                           | Medical Emergency        |

|     |            |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                   |
|-----|------------|-------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
|     |            |             |          | however there was no Doctor. Due to a bad condition of passenger aircraft divert to IXE.                                                                                                                                                                                                                                                                                                                                                                           |                   |
| 13. | 12.03.2015 | Bengaluru   | IndiGo   | Landed back to Bengaluru due to medical emergency on board. On arrival sick passenger was offloaded and provided with medical assistance                                                                                                                                                                                                                                                                                                                           | Medical Emergency |
| 14. | 14.03.15   | Guwahati    | IndiGo   | Passenger seated with infant on 26C informed that infant was not well. AN onboard Doctor checked the infant and diagnosed that he was not responding to the stimulus. The sick infant was provided with CPR and oxygen. After landing at Guwahati, sick infant was handed over for treatment.                                                                                                                                                                      | Medical Emergency |
| 15. | 29.03.15   | Bhubaneswar | IndiGo   | Flight diverted to Bhubaneswar due to medical emergency on board. Approx. crossing Bhubaneswar Lead Cabin Attendant informed that there was a patient suffering from Cardiac problem. The sick passenger was provided with CPR and Oxygen.                                                                                                                                                                                                                         | Medical Emergency |
| 16. | 23.04.15   | Bengaluru   | IndiGo   | Flight landed back to Bengaluru due to medical emergency onboard.                                                                                                                                                                                                                                                                                                                                                                                                  | Medical Emergency |
| 17. | 05.05.15   | Chennai     | IndiGo   | Chennai Approach was requested for a priority landing due to a medical emergency. Passenger on board who was having an Epileptic fit and was traveling alone. The Passenger was semi-conscious to un-conscious at the time and there was no doctor on board.                                                                                                                                                                                                       | Medical Emergency |
| 18. | 15.06.15   | Ahmedabad   | IndiGo   | Flight diverted to Ahmedabad due to medical emergency onboard.                                                                                                                                                                                                                                                                                                                                                                                                     | Medical Emergency |
| 19. | 11-Mar-15  | Delhi       | Spicejet | During flight passenger Mr. Manoj Kumar seated on 19A complained about acidity and heaviness in the chest. Doctor onboard attended the passenger.<br>On doctor's advice a priority landing was carried out at Delhi. On arrival at DEL, the passenger was transferred to Airport Hospital in ambulance.                                                                                                                                                            | Medical Emergency |
| 20. | 12-Mar-15  | Delhi       | Spicejet | During flight passenger Mr. Anil Jain travelling with his wife was coughing and having difficulty in breathing. Cabin crew immediately paged for doctor onboard but no doctor was available. oxygen was administered. During descend passenger suddenly became unconscious, CPR was given by the cabin crew and AED was also used.<br>Priority landing was carried out at DEL. On arrival at DEL the passenger was attended by airport medical team. The passenger | Medical Emergency |

|     |            |         |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                    |
|-----|------------|---------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
|     |            |         |             | was declared dead at 04:50 hrs.                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                    |
| 21. | 9-Jun-15   | Mumbai  | Spicejet    | During descent, passenger Mr. Protik Batabyl seated on 11D reported serious chest pain. The cabin crew immediately attended the passenger, administered oxygen. Onboard doctor was not available. The PIC was informed about the situation. On PIC discretion priority landing was carried out at BOM I. After landing at BOM the passenger was handed over to airport medical team.                                                                       | Medical Emergency                                  |
| 22. | 11-Jun-15  | Madurai | Spicejet    | During cruise the passenger seated on 18B Mr. Velayudham was seating profusely and his body was cold. The passenger was attended by Dr. Ishmath Ali available on board and advised cabin crew to give Lemon and sugar to the passenger. On PIC and doctor discretion the flight was diverted to the nearest airport Madurai. After landing at Madurai the passenger was deplaned and given first aid in the ambulance and further transferred to hospital. | Medical Emergency                                  |
| 23. | 14.06.15   | Pune    | Jet Airways | Pax was crying, shouting and complained of stomach pain. There was no doctor on board. The condition of the passenger further deteriorated as she started to complain of chest pain which she was not able to bear and said would die if we don't land back immediately. Cockpit crew decided to divert to Mumbai.                                                                                                                                         | Medical Emergency                                  |
| 24. | 13.07.15   | Delhi   | Jet Airways | Pax was not feeling well. Priority landing executed at DEL                                                                                                                                                                                                                                                                                                                                                                                                 | Medical Emergency                                  |
| 25. | 23.03.15   | Delhi   | Air India   | During descent, CIC informed to Capt. that passenger on 24D not well. Doctor was paged for and was available on board. Doctor felt that the passenger had a mild attack. Medical emergency was declared. Flight aircraft landed uneventfully at DEL.<br><br>After landing, doctor checked the passenger. As per doctor, patient seemed to have stabilised. Deboarded from aircraft for further check-up.                                                   | Medical Emergency                                  |
| 26. | 31.05.15   | London  | Air India   | Due to pax medical emergency aircraft turned back to London.                                                                                                                                                                                                                                                                                                                                                                                               | Medical Emergency                                  |
| 27. | 18.03.2015 | Chennai | Air India   | Priority landing at Chennai due medical emergency.                                                                                                                                                                                                                                                                                                                                                                                                         | Medical Emergency                                  |
| 28. | 14.03.2015 | Lucknow | Air India   | Diverted to Lucknow due medical emergency.                                                                                                                                                                                                                                                                                                                                                                                                                 | Medical Emergency                                  |
| 29. | 11-Mar-15  | Indore  | IndiGo      | FWD Cargo smoke warning followed by AFT cargo smoke warning                                                                                                                                                                                                                                                                                                                                                                                                | Emergency Landing<br>Firing Agent 1 in the forward |



|     |           |       |             |                                                                                                                                                                   |                                                                                                                                            |
|-----|-----------|-------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
|     |           |       |             |                                                                                                                                                                   | compartment despite the warning being in the AFT cargo compartment was the probable cause of further smoke warning in the FWD Compartment. |
| 30. | 13-Jun-15 | Delhi | IndiGo      | Due to prolong holding overhead Delhi, crew declared fuel emergency(May Day) and landed safely at Delhi as Lucknow had no parking space and Jaipur had dust storm | Emergency Landing<br>The incident occurred due to fuel emergency.                                                                          |
| 31. | 07.05.15  | Delhi | Jet Airways | During cruise, Capt was incapacitated. First along with a A 330 Capt, who was travelling ACM, landed the aircraft safely at DEL.                                  | Emergency Landing<br>The incident occurred due to pilot incapacitation                                                                     |