



Mangalore Plane accident.

Date Of Incident: 22.05.10

Location : Mangalore.

Description of the accident:

A plane has crashed on landing in the southern Indian city of Mangalore, with about 160 people dead. Air India Express said there were eight survivors among the 160 passengers and six crew on board its Boeing 737 arriving from Dubai. The plane overshot the hilltop runway as it tried to land and burst into flames in a forested valley beyond.

Survivors said they thought they heard what sounded like a tyre bursting just before the crash.

No. of persons Injured:

More than 160 people died on the incident.

Potential Root Cause:

In the early years, Mangalore there was only one runway available which was 27/09 a length of 5000 and odd feet. Also, there was no ILS (Instrument Landing System) or VOR /DME available. Only an NDB (Non directional Beacon), which is not as accurate as the ILS and VOR/DME. This made the pilots approach quite difficult, especially when visibility was limiting. The pilot had to land with precision within the touch-down zone and efficiently and effectively bring the aircraft to a halt with the use of braking and reverse thrust. Then, they had little or no margin for error since the runway which is situated on a plateau of a hill is surrounded by valleys on all sides.

One cannot say the runway is unsafe unless one touches down beyond the touch-down zone or well ahead of the threshold. If he does land beyond the touch-down zone, which is 1000 feet from threshold, it makes it even more difficult to stop the aircraft on the rest of runway and thereby making it possible to overshoot the runway which is then dangerous as in case of Mangalore because of the valley surrounding it.

Here are possible reasons a plane can drop into the valley at the Mangalore

Weather conditions

Low visibility

The medical condition of pilots

Maintenance of FDTL (Flight Duty Time Limitations) - sufficient rest between two flights

Condition of the aircraft & others

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Other possible news about the incident:

The plane crash at the Mangalore airport that killed over 160 people Saturday is the 11th major air accident involving Indian carriers or in the country's air space since 1962. The following is the list of some major air crashes:

- July 7, 1962: Alitalia Flight 771 from Sydney crashed into a hill about 84 km north-east of Mumbai while on approach, killing all 94 people on board.

Jan 1, 1978: Air India Flight 855 bound for Dubai crashed about 3 km off the coast of Bandra in Mumbai, killing all 213 people on board.

- June 21, 1982: Air India Flight 403 from [Kuala Lumpur](#) and Chennai crashed at Sahar International Airport in Mumbai, killing two of 12 crew members and 15 of 99 passengers.

- June 23, 1985: Air India Flight 182 bound from Montreal to Mumbai, via London and Delhi, was blown up over Irish air space, killing all 329 on board.

- Oct 19, 1988: Indian Airlines Flight 113 from Mumbai crashed on its final approach to Ahmedabad airport, killing 130 people.

- Feb 14, 1990: Indian Airlines Flight 605 from Mumbai crashed on its final approach to Bangalore airport, killing 92 people. The crash had 54 survivors.

- Aug 16, 1991: Indian Airlines Flight 257 from Kolkata crashed into a hill, some 40 km south-west of Imphal, killing all 69 occupants.

- April 26, 1993: Indian Airlines Flight 491 on its connecting route from Delhi to Mumbai, with stops at Jaipur and Udaipur, collided with a truck during take off from Aurangabad, killing 63 people. Fifty-five people survived.

- Nov 12, 1996: Saudi Arabian Airlines Flight 763 and Kazakhstan Airlines Flight 1907 crashed mid-air at Charkhi Dadri village near Delhi, killing all 349 people on board on both flights.

- July 17, 2000: Alliance Air flight CD 7412 crashed at Patna Airport killing 60 people.

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Photograph



Photograph:

SEED express its deepest condolence and pray the god to look after the families of died people.



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