

# A Probability Review of Missing MH 370 (A Hypothetical Approach)

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**Abstract—** Hypothetical theoretical approaches exist worldwide. There are infinite number of solutions for a single problem. Yet the degree of probability could yield us something in this missing mystery. Based on Probability approach the missing MH 370 is investigated here. In this review both probable and technical assumptions are stated and reasoned. Till missing MH 370 is a mystery rather this theoretical approach could reveal that.

**Index Terms—** Probability, Technical Data, MH 370, Theoretical approach, Hijack

## I. INTRODUCTION

Since Missing & Till now in so many dimensions the investigations were carried out. Dimensions including Hijack, Pilot's mistake, Technical failure or Malfunction are the main areas taken into account. Though the technical data was released officially by Malaysian Government, it is indeed insufficient to state the reason behind the incident. In this research paper, all technical datas are reviewed and a probable solution is achieved with convincible reasons.

## II. TECHNICAL DATA REVIEW

After the departure of boeing 777 (MH 370) Malaysian Airlines, it is noted that it took a left turn off the set path. The turn was upto some degrees to the left and flew for a period of time in that direction. In that path it is observed that there was drizzle in altitude. Initially the height of the MH 370 was 45,000 ft then dropped down to 35,000 ft. Within a short span of time, all of a sudden, altitude dropped down to 12,000 ft. Finally, it met with a crash, somewhere and concluded that it drowned deep into the Indian Ocean.

## III. PROBABILITY APPROACH

On reviewing the technical data and implementing the ideas of probability approach the following statements are quoted.

### A. Probabilities of Technical Failure / Malfunction

Usually Passengers aircrafts are checked periodically for their standards. It includes daily check, hourly check, periodical check, annual check etc, based on Manufacturer's manual. On analyzing the reasons behind the left turn, off from the desired route; it is assumed that there may be possibilities for rudder reversal or rudder malfunction.

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In addition to that it is assumed that sudden drop in altitude states that there are possibilities for elevator malfunction. But it is not possible in a well maintained and certified Boeing 777 Passenger aircraft (If not, it was not allowed to fly). Hence the Probabilities of Technical Failure are very less. It might have happened, only if, the Malaysian Airlines gave Permission to fly an unmaintained flight, it is not possible.

### B. Probabilities of Pilot's Mistake

If the Pilot turned to left and set off from the desired path, by mistake, he would have tried to turn the flight to set path. But there was no such record. If it happened because of Technical failure, he might've asked for help to the nearby Ground station (Airports, Military base). Unfortunately, there was no such happening; this is enough to say that Probabilities of Pilot's Mistake are Very less. It could have happen, only if, the Pilot is depressed or have some intention, there was no such evidence.

### C. Probabilities of Hijack

It is released that two passengers travelled by MH 370 without original passports. Investigating in this way by putting the words in the following order, say, assuming hijacked, hijackers might've raised their claims against a Government. It is indeed clear that there was no such press release or news. Hence the Probabilities of hijack are also less accountable. It is possible, only if, there are more than two hijackers, yet not possible.

### D. Probabilities of Search

According to stats, we should extend our search throughout all the airstrips that are functional and non-functional in remote islands of Indian and Pacific Ocean. The search area is vast, remote and ocean currents with debris of great distances. More attention should be given to airstrips near the region consisting of Diego Garcia, Cocos, Rodriguesst, Denis and Australian oceanic regions.

### E. Other Probabilities

After flying several hours, fuel would have been over and it may get crashed to the nearby Malay Peninsula. If due to some reasons, flight flew above the normal altitude, at such altitudes, it is almost impossible to breathe freely for a passenger, due to depressurization of the cabin.

## IV. CONCLUSION

Since the start of Probability approach it is not effective because there is something missing, from the beginning. By rearranging the data in order like, left turn off from the set path after that steady fly without any ground contact from flight for help gives us a clear tone of discontinuity.



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The data released is not sufficient to conclude as well as to find a convergence solution. The problem itself a problem, it is unrevealed /unreleased and there is divergence in data. Hence the probability of discontinuity in technical data is very high. It concludes that exact data in order, need to be gathered to solve this mystery.



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