



Passenger Safety In Airlines

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ABSTRACT

Ensuring passenger safety in airlines is paramount to the aviation industry's operational integrity and public trust. This abstract provides a concise overview of the multifaceted approach employed by airlines to enhance passenger safety.

Regulatory Framework: The foundation of passenger safety in airlines lies in adherence to rigorous regulatory standards set forth by aviation authorities globally. These standards encompass aircraft design, maintenance protocols, crew training, and operational procedures.

Aircraft Technology: Advances in aircraft technology play a pivotal role in enhancing passenger safety. Modern aircraft are equipped with state-of-the-art avionics, redundant systems, and safety features such as terrain awareness and collision avoidance systems (TCAS) and automatic dependent surveillance-broadcast (ADS-B).

Maintenance Protocols: Stringent maintenance protocols are implemented to ensure the airworthiness of aircraft. Regular inspections, maintenance schedules, and adherence to manufacturer recommendations are critical in preempting mechanical failures and mitigating risks.

Crew Training and Expertise: Airlines invest significantly in crew training and development programs to equip pilots, flight attendants, and ground staff with the knowledge and skills to handle emergencies effectively. Simulated training scenarios and recurrent assessments are integral

components of these programs.

Emergency Preparedness: Comprehensive emergency preparedness procedures are established to address various in-flight contingencies, including medical emergencies, onboard fires, and security threats. Crew members undergo specialized training to manage such situations with composure and efficiency.

Safety Culture: Fostering a robust safety culture within airlines is essential for promoting proactive safety measures and continuous improvement. Open communication channels, reporting systems for safety incidents, and a commitment to transparency and accountability contribute to cultivating a safety-centric organizational ethos.

Passenger Education and Awareness: Empowering passengers with knowledge about safety procedures and protocols enhances their ability to respond effectively in emergency situations. Pre-flight safety briefings, informational materials, and interactive demonstrations serve to educate passengers on evacuation procedures, the use of safety equipment, and emergency exits.

Collaborative Efforts: Collaboration among airlines, regulatory authorities, manufacturers, and industry stakeholders is indispensable in advancing passenger safety initiatives. Information sharing, joint safety audits, and collaborative research endeavors foster a collective commitment to elevating safety standards across the aviation sector.

AIM & OBJECTIVE OF STUDY

- The primary aim of this research is to examine the passenger satisfaction levels in airline sector with special reference to Coimbatore international airport.
- To acquire a vibrant knowledge about airline industry and get through awareness regarding customer satisfaction.
- To examine passenger satisfaction in airline industry with reference to Coimbatore international airport.
- To understand and analyze the role of quantity of service in affecting passenger satisfaction in airline sector in context with Coimbatore international airport.
- To delineate the most important current issues surrounding passenger satisfaction.
- To assess the passenger satisfaction of service quality of airlines.

LITERATURE REVIEW

Passenger safety is paramount in the airline industry, with stringent measures in place to ensure the well-being of travelers. This literature review explores various aspects of passenger safety in airlines, including regulatory frameworks, technological advancements, human factors, and accident investigation findings.

Regulatory Frameworks: Airline safety is a top priority for regulatory organisations like the FAA, EASA, and ICAO.

These regulations cover aspects like aircraft design, maintenance procedures, pilot training, and operational practices to mitigate risks and enhance passenger safety.

Technological Advancements: Advancements in aircraft technology have significantly contributed to improving passenger safety. Features such as advanced avionics systems, automated flight controls, enhanced weather forecasting, and real-time monitoring tools help pilots navigate safely through various conditions and situations. Additionally, developments in materials science and engineering have led to the manufacturing of more robust and reliable aircraft structures, further enhancing safety.

Human Factors: Human error remains a significant challenge in aviation safety, accounting for a considerable proportion of accidents. Studies have highlighted the importance of crew resource management (CRM) and human factors training in equipping pilots and crew members with the skills to effectively manage stress, communicate efficiently, and make informed decisions during flight operations. Addressing issues like fatigue management, situational awareness, and workload distribution is crucial for mitigating human errors and ensuring passenger safety.

Safety Culture and Organizational Factors: A positive safety culture within airlines is essential for fostering a proactive approach to safety management. Organizational factors such as leadership commitment, employee engagement, transparent communication, and continuous improvement initiatives significantly influence safety outcomes. Airlines with strong safety cultures prioritize safety above all else, implementing robust safety management systems and encouraging a reporting culture where employees can raise safety concerns without fear of reprisal.

Accident Investigation and Lessons Learned: Accident investigations play a vital role in identifying root causes, contributing factors, and lessons to be learned from aviation incidents. Analysis of past accidents helps identify trends, systemic issues, and areas for improvement in safety protocols, training programs, and regulatory oversight. By implementing recommendations from accident reports and sharing best practices across the industry, airlines can continuously enhance safety standards and prevent future accidents.

DATA ANALYSIS

The collected data was analyzed by using both quantitative and qualitative techniques. Under the qualitative techniques, the collected data was converted into numerical format in appropriate tables with percentage and diagrams. Each numerical format was described by using qualitative techniques used in this research

TOOLS USED FOR DATA ANALYSIS

As a tool or as a device used for the research a well-structured questionnaire is adopted. The questionnaire consists of closed-ended questions where the respondent is forced to select an answer from the given choices. Under closed-ended questions there are multiple choices, so that the RESPONDENTS don't have any problem to answer. By using the questionnaire, face to face interview were also possible. SPSS and MS-EXCEL are also used to analyze the primary data. The mathematical tool used in this study is Simple Percentage analysis.

LIMITATIONS OF THE STUDY

The time restriction was the most significant drawback of this investigation, as is the case with other studies. Primary data also has the drawback of being time-consuming, and there's no guarantee that the information gathered is relevant, accurate, up-to-date, and impartial. A general outline of the project will be provided to us. Concerning the safety of the Coimbatore airport, there is another caveat to the research. The security reasons at

the airport prevent them from issuing passes. That impacts the autonomy of doing tasks. Consequently, the quantity of original data available to researchers was restricted. Consequently, secondary sources of information are crucial to our study. However, there are cases when secondary sources don't provide all the information needed for the project.

PASSENGER SAFETY IN AIRLINES

A significant industry is the airline sector. The industry was responsible for \$10.2 billion in GDP in 1988. Catering to the demands of both local and foreign travellers, the business offers services that are on par with worldwide standards. Tourism relies heavily on the aviation industry since so many locals work in it. Consumer satisfaction is the end goal of observable quality and ideas about how well observable quality meets consumer expectations. No matter how little of a performance mark a product or service has, customers will always be looking at how well it performed. In a highly competitive market, customer happiness is of the utmost importance, yet when consumers are content, they are quick to switch to a competitor's offering if the price or package is better.

Offering competent and first-rate service is the main goal of the aviation industry. According to various researchers, a key component for big earnings is providing critical and very satisfied clients. Whether a company wants to know whether its customers are happy or not, it has to frequently check customer satisfaction surveys. Even though most consumers have already paid the money, the airline industry has recently made it easy to see how satisfied customers are.

The literature states that dedicated and devoted employees are the key to providing exceptional service. A firm's strategy should centre on enhancing the abilities and guaranteeing the motivation, dedication, and efficiency of its personnel in order to provide a fair degree of service and quality. If the airline industry encourages its employees to take initiative and go above and beyond for consumers, it may expand its spectrum of accomplishments. When the service provided by the airline industry fulfils the needs, wishes, and expectations of the client, the customer is satisfied. The airline sector needs to prioritise customer satisfaction and invest in delivering exceptional customer service.

FINDINGS FROM RESEARCH

Now a day's aviation industry is facing a huge competition between the carriers. To know about the need and taste of customers is very much important. As the major marketing technique Frequent Flyer Programme has great influence in customers. The competition among FFP of major airlines is also high. So that innovative methods will help for the success of airlines. FFP as a loyalty based programme airline can retain the existing customers.

- As per the response of respondent airlines in Coimbatore international airport seem to be ok on its quality of food providing in-flight for attracting the customers. Finding reveals 39% choose an airline because of its quality of food is neutral.
- It is found that passenger's expectations matches with the reality of airlines in Coimbatore international airport. 63% of people say yes.
- An obvious weakness is the high prices of airlines due to its huge investments in ordering aircrafts. Although it has opportunities many threats are concerning it, such as increase of oil prices, and the spread of killer diseases.
- The services employed by low cost carriers are significantly different from those employed by full service carriers.
- Low Cost airlines slash traditional fare structures in a bid to offer a new breed of highly price sensitive flyer the cheapest ticket.

SUGGESTION

- Airline companies are required to get into a contract with an e-business firm that provides technological solutions for airlines in order to enhance customer service via the use of technology. With more and more people using the Internet, airlines would be wise to adopt an E-CRM approach. The ability to manage client connections over the long term is a key feature. When an airline reaches maturity, it is a good time to assess internal and external variables, as well as its rivals, and come up with new tactics to keep up with the market.
- • With the airline business reaching its mature stage, rivalry among airline corporations is fierce. Firms should not only analyse internal and external aspects that might impact their position, but also deploy aggressive methods. Airlines should aggressively market its product and services through innovative techniques.
- Airlines should enhance its connectivity across the country and even outside in order to sustain the business.
- Promotional methods should be changed as per the current market
- Airlines should give more emphasis on the yield than the revenue

CONCLUSION

It is important to emphasise the analysis of the thesis's goals and objectives after thorough investigation, appraisal, and evaluation of primary and secondary material. Customer satisfaction in the airline business, with a focus on Coimbatore International Airport, is the intended subject of this research study. Consequently, in order to investigate this, the study set out to determine the primary factors that influence airline services, and from there, to assess the degree to which customers are satisfied with these services, as well as to rank the airlines according to the quality of service they provide and the various steps they take to ensure that their customers are well-served. A further in-depth analysis of the data showed that airline consumers were mostly concerned with ticket prices, with just a small percentage of respondents expressing worries about the luggage facilities or security.

Upon closer inspection, it becomes apparent that passengers evaluate the quality of flight services provided by airlines based on a number of factors, including the timeliness of their arrivals and departures, the cost of the flight, and the various amenities offered, such as safety, food and drink, staff attitude, and baggage, among others. Overall, it is clear from the customer interviews, comments, and secondary statistics on the airline sector that, with global competition, no airline can hope to achieve exceptional passenger satisfaction. People in today's global economy are more educated, more likely to go abroad for business and pleasure, and more satisfied with their travel experiences overall. Consequently, the traveller is adamant about a return to pre-flight standards of service, fair ticket pricing, and enhanced connection. It is crucial for airlines to fulfil customer contentment and provide outstanding service in order to achieve significant success in the near future in today's competitive market when passengers have many good options.

REFERENCES

1. <http://www.usatoday.com/travel/news/2003/06/04-indigo-teterboro.html> "Indigo Airlines drops Teterboro flights." *USA Today*. June 4, 2003.
2. <http://www.goindigo.in/>
3. <http://www.jetairways.com/EconomicTimes.indiatimes.com>.
4. <http://www.business-standard.com/ondia/storypage.php>
5. <http://timesofindia.indiatimes.com/business/india-business/Jet-Airways-discontinues-JetLite-merges-with-Konnect/articleshow/12331010.cms>

6. <http://www.planesplotters.net/>
7. <http://www.ch-aviation.ch/portal/aircraft.php?search=set&airline=KIF>
8. <http://indiatoday.intoday.in/story/kingfisher-airlines-bailout-vijay-mallya-in-crisis/1/160579.html> India Today, Kingfisher in trouble: Vijay Mallya refuses to
9. <http://www.airlinequality.com/>
10. <http://in.finance.yahoo.com/news/kingfisher-operate-120-daily-flights-114123710.html>
11. <http://www.staralliance.com>
12. "Air India, Star Alliance resume talks". *Official website of Hindustan Times*. 13 October 2011. <http://www.hindustantimes.com/News-Feed/sectorsaviation/Air-India-Star-Alliance-resume-talks/Article1-756987.aspx>.
13. <http://www.flightglobal.com/news/articles/government-approves-rs300bn-air-india-bailout-370662/>. Retrieved 14 April 2012.
14. Choudhury, Santanu (8 September 2011). "Auditor Slams Air India Plane Orders". *The Wall Street Journal*. <http://online.wsj.com/article/SB10001424053111904836104576558101182208210.html>.
15. "Company History - SpiceJet". <http://www.moneycontrol.com/company-facts/spicejet/history/SJ01#SJ01>.
16. <http://spicejet.com/newspage.asp?strNews=AAI>

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