



**AN IN DEPTH ANALYSIS ON THE AIR TRAFFIC INCREASE
IN THE ASIA PACIFIC REGION**

SUBMITTED BY :

**YASH SURYA
18SLAM1020126**

SUBMITTED TO :

PROF. NEHA MA'AM

CERTIFICATE FROM FACULTY GUIDE

This is to certify that the Project report ‘AN IN DEPTH ANALYSIS ON THE AIR TRAFFIC INCREASE
IN THE ASIA PACIFIC REGION has been prepared by student-

Yash Surya under my supervision & guidance. The project report is submitted towards the partial fulfillment of 3 year,
full time Bachelor of Business Administration

Prof.

Neha Bhatia

09/02/21

DECLARATION

I, YASH SURYA, student of BBA of School of Business, Galgotias University, Greater Noida, hereby declare that the project report on 'AN IN DEPTH ANALYSIS ON ASIA PACIFIC REGION' is an original & authenticated work done by us.

I further declare that it has not been submitted elsewhere by any other person in any institutes for the award of any degree or diploma .

YASH SURYA

Acknowledgement

I would like to express my special thanks of gratitude to our mentor, Dr.Neha Bhatia who gave me the golden opportunity to do this wonderful project on the topic“An In Depth Analysis Of The Air Traffic Increase In Asia Pacific Region”which also helped me in doing a lot of research and I came to know about so many new things i am really thankful to them. Secondly I would also like to thank my parents and friends who helped me a lot in finishing this project within the limited time.I am making this project not only for grades but to also increase my knowledge.

CONTENT

- 1. ASIA PACIFIC REGION FASTEST GROWING IN WORLD FOR AIRLINE ACTIVITY**
- 2. CHALLENGES**
- 3. ENVIRONMENT OF ASIA PACIFIC**
- 4. MARKET OVERVIEW OF ASIA PACIFIC**
- 5. COVID 19 IMPACTS**
- 6. OEM SEGMENTS**
- 7. ESTIMATES OF ASIA PACIFIC REGION**

ASIA PACIFIC REGION FASTEST GROWING IN WORLD FOR AIRLINE ACTIVITY

The Asia-Pacific's huge population, and the percentage of that population that now has enough disposable income to make air travel a viable proposition means that well-run airlines are able to find success in the region. Asia is expected to account for approximately 40 per cent of future airliner production.

In the past year, approximately 130 million Chinese were outbound travellers, a figure that would have been unthinkable just a decade ago.

And that figure seems certain to continue to grow.



CHALLENGES

However, there are some factors that may hold back this growth.

● **INFRASTRUCTURE :-**

The Asia-Pacific region faces a difficult challenge in coping with growth in demand. IATA's latest 20-year air passenger forecast expects 7.8 billion passengers to travel in 2036. That is almost twice the 4 billion passengers expected this year. More than half the growth will be in the Asia Pacific, with the region accounting for some 2.1 billion new travellers in 2036.

● **SHORTAGE OF PILOT**

“You can buy as many planes as you like, but you've got to have pilots to fly them.

That's being addressed, but it's evident that people are competing to attract pilots. The range of pilots' salaries from one country to another is growing, as pilots move from one country to another. There's upward pressure on those salaries

● OVER REGULATION

On aviation security the topic of interest, this year we've seen several governments, notably the US, introducing additional security requirements for anybody heading to the US; one of the deadlines for implementation of this new requirement has just passed. It affects a lot of major airports in Asia.

ENVIRONMENT OF ASIA PACIFIC

It has been a year since the historic International Civil Aviation Organization (ICAO) agreement on Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA). And in just over 14 months airlines will need to start reporting their emissions.

The Asia-Pacific region, to join the voluntary period from 2021 to 2026, and to clarify the scheme's technical details and called on Asia-Pacific governments to do more to support the use of Sustainable Aviation Fuels.

The air traffic management market is projected to grow from an estimated USD 9.7 billion in 2020 to USD 17.6 billion by 2025, at a CAGR of 12.6% :

Increasing investments in airports are one of the major drivers of the Air Traffic Management Market. The air traffic management market is projected to grow from an estimated USD 9.7 billion in 2020 to USD 17.

6 billion by 2025, at a CAGR of 12.6% during the forecast period. The recommencement of global economic growth, an increase in number of passenger traffic, need of airspace management and modernization of air traffic management infrastructure are expected to drive the growth of the market.

MARKET OVERVIEW

In recent years, Asia Pacific aviation industry has witnessed enormous growth in air passenger traffic and to accommodate them current airport systems are proved to be insufficient, in order to overcome these challenges airport operators are making huge technological developments in airport infrastructure.

According to Goldstein Market Intelligence, around 45% airports in Asia Pacific region will be upgraded by the smart technologies such as automated solutions, check-in kiosks and smart air traffic control systems among others. Aviation industry is expected to grow strongly over the next 20 years and air traffic is predicted to outpace that both of Europe and North America by 2035, rising to a 4.3 billion passengers, and the market for smart airports is expected to grow as well.

COVID 19 PANDEMIC IMPACTS

The COVID-19 outbreak has impacted the aviation industry adversely due to air travel restrictions on domestic as well as international flights across countries, resulting in the sudden decrease in the air traffic. This is expected to negatively impact the air traffic management market in the short term; slow recovery is expected in Q1 of 2021.

The aviation industry could take 2-3 years to recover from the financial effects of COVID-19, leading to lower air travels and passenger traffic compared to previous estimates.

OEM SEGMENT

ORIGINAL EQUIPMENT MANUFACTURER

The OEM segment is the fastest-growing market during the forecast period. The automation segment is growing substantially as airports and air traffic controllers are investing in simulators, and increased adoption of remote towers is fueling the market.

For OEMs, ATP can help with the distribution of technical content as well as in the delivery of leading-edge guided diagnostic software. Our dedicated team of experienced maintenance technicians and regulatory experts are always ready to help build a custom solution to meet your needs. Further, ATP's customer success team helps OEMs with a seamless implementation, work diligently to ensure customers and operators receive a superior and innovative experience, and are committed to meeting key performance and revenue objectives.

ESTIMATION OF ASIA PACIFIC

Asia Pacific is estimated to account for the largest share of the air traffic management market in 2020

Asia Pacific region is expected to account for the largest share of the global market in 2020. The market is growing at a significant pace in the Asia Pacific region, majorly driven by the increasing air passenger traffic.

The market in Asia Pacific is projected to grow significantly owing to high investments in the modernization of airport and construction of new regional airports. The Civil Aviation Administration of China (CAAC) is expected to build 66 new airports during the forecast period.

This expansion, which will increase the number of airports in Mainland China from 206 to 272, and is expected to fuel the growth of the market during the next five years.

2014 Economic Impact of Air Transport in Asia Pacific.

Impact	Jobs (Millions)	GDP (USD Billions)
<i>Asia Pacific Region</i>		
Direct	2.4	\$113
Indirect	1.9	\$64
Induced	1.8	\$40
<i>WEB: Tourism</i>	9.1	\$142
<i>WEB: Productivity & Trade</i>	18.6	\$347
Total Wider Economic Benefits	27.6	\$488
Total	33.7	\$705

Numbers may not sum due to rounding.

BIBLIOGRAPHY

www.brookfieldav.com

www.globenewswire.com

<https://atp.com/oems/>

<https://www.aviationbusinessnews.com/low-cost/asia-pacific-region-airline-activity-aviation/>

<https://www.aviationbusinessnews.com/wp-content/uploads/2019/12/The-Chinese-market-is-growing-significantly-with-the-likes-of-start-ups-such-as-Qingdao-Airlines.-Photo-Airbus.jpg>

THANK YOU