



LEARNING OUTCOMES

Assess

Assess government air transport policy and determine what impact it will have on airlines and airports

Analyse

Analyse the rationale behind and purpose of airport masterplans and comment on their validity

Interpret

Interpret demand forecasting models based on variable inputs to construct an airport demand forecast

Evaluate

Evaluate the techniques involved in airline planning to optimise fleet assignments and maximise capabilities.)

TOPIC

Assess government air transport policy and determine what impact it will have on airlines and airports

ESSENTIAL CONTENT

- The roles and responsibilities of international governing bodies
- International policies that affect air transport

AIR TRANSPORT; WHAT IS

AIR TRANSPORTATION HAS BECOME THE PRIMARY MEANS OF COMMON-CARRIER TRAVELING.

GREATEST EFFICIENCY AND VALUE ARE OBTAINED WHEN LONG DISTANCES ARE TRAVELED, HIGH-VALUE PAYLOADS ARE MOVED, IMMEDIATE NEEDS MUST BE MET, OR SURFACE TERRAIN PREVENTS EASY MOVEMENT OR SIGNIFICANTLY RAISES TRANSPORT COSTS.

(MADDALON, 2019)

AIR TRANSPORT; IMPORTANCE OF

THE COMPANIES IN THE AVIATION INDUSTRY OFFER EMPLOYMENT FOR HUNDREDS OF THOUSANDS OF EMPLOYEES WITH A WIDE VARIETY OF PROFESSIONAL QUALIFICATIONS. HOWEVER, THE ACTUAL IMPORTANCE OF AIR TRANSPORT GOES FAR BEYOND THE JOBS IN AVIATION.

(MADDALON, 2019)

AIR TRANSPORT; IMPORTANCE OF

- EMPLOYMENT
- TOURISM
- FOREIGN TRADE
- HUMANITARIAN AID

(MADDALON, 2019)

AIR TRANSPORT; ADVANTAGES

1. HIGH SPEED
2. MINIMUM INFRASTRUCTURE COST
3. STRATEGIC IMPORTANCE
4. EASY TRANSPORT OF GOODS
5. FREE FROM PHYSICAL BARRIERS
6. USEFUL FOR AGRICULTURE
7. DISASTER ASSISTANCE

(METHA, 2018)

AIR TRANSPORT; DISADVANTAGES

1. HIGH COST
2. MORE RISK
3. HUGE INVESTMENTS

(METHA, 2018)

GOVERNING BODIES

THE INTERNATIONAL CIVIL AVIATION ORGANISATION (ICAO) IS A SPECIALISED AGENCY AND AN AVIATION TECHNICAL BODY OF THE UNITED NATIONS.

(HOMLEY, 2017)

GOVERNING BODIES

LAWS AND REGULATIONS HELP OUTLINE WHAT A PERSON CAN OR CANNOT DO. IT KEEPS SOCIETY TOGETHER AND FUNCTIONING. IT STRIVES TO MAINTAIN PEACE AND SAFETY AMONG THE PEOPLE AND PROVIDE WAYS TO RESOLVE ISSUES THAT DO ARISE AMONG INDIVIDUALS.

IN AVIATION, THERE ARE ALSO CERTAIN AND SPECIFIC RULES AND REGULATIONS THAT EVERY INDIVIDUAL MUST FOLLOW TO ENSURE SAFETY AND AVOID UNNECESSARY ACCIDENTS FROM HAPPENING.

(HOMLEY, 2017)

GOVERNING BODIES

ICAO'S PRIMARY ROLE IS TO PROVIDE A SET OF STANDARDS WHICH WILL HELP REGULATE AVIATION ACROSS THE WORLD. IT CLASSIFIES THE PRINCIPLES AND TECHNIQUES OF INTERNATIONAL AIR NAVIGATION, AS WELL AS THE PLANNING AND DEVELOPMENT OF INTERNATIONAL AIR TRANSPORT TO ENSURE SAFETY AND SECURITY.

IT ALSO OVERSEES THE US GOVERNMENT'S INTERNATIONAL GROUP ON INTERNATIONAL AVIATION (IGIA).

(HOMLEY, 2017)

GOVERNING BODIES

THE INTERNATIONAL AVIATION STANDARDS WERE PROVIDED TO THE 191 MEMBER STATES OF ICAO AROUND THE GLOBE THROUGH A GLOBAL FORUM IN WHICH THE MEMBER STATES ARE EXPECTED TO ADOPT AND IMPLEMENT THESE STANDARDS.

HOWEVER, THE INTERNATIONAL CIVIL AVIATION ORGANISATION (ICAO) ONLY PROVIDES THE FUNDAMENTAL GUIDELINES OR SARPs (STANDARDS AND RECOMMENDED PRACTICES).

(HOMLEY, 2017)

GOVERNING BODIES

ICAO IS RESPONSIBLE FOR:

- SAFETY
- REGISTRATION
- AIRWORTHINESS
- PREVENTION OF ECONOMIC WASTE
- FAIR COMPETITION
- STANDARDISATION
- AVIATION LAW

(SKYBRARY.AERO, 2019)

GOVERNING BODIES

IATA OR THE INTERNATIONAL AIR TRANSPORT ASSOCIATION IS ONE OF THE LARGEST TRAVEL AND TOURISM ORGANIZATION PROMOTING THE LIAISON AMONG THE AIRLINES ALL OVER THE WORLD. THE ORGANIZATION CURRENTLY HAS 278 AIRLINES UNDER ITS WINGS WHICH REPRESENT 117 COUNTRIES.

(PATRIOT COLLEGE, 2017)

GOVERNING BODIES

IATA IS THE OFFICIAL TRADE ORGANIZATION FOR THE WORLD'S AIRLINES (MORE THAN 85 PARTICIPATING NATIONS).

FOR AIR CARRIERS, IATA PROVIDES A POLLED RESOURCE FOR SCHEDULING, TRAFFIC AND ROUTES, STANDARDIZING SERVICES AND THE CREATION OF A WORLDWIDE PUBLIC SERVICE FOR THE AIR INDUSTRY.

(GRANT, 2014)

GOVERNING BODIES

MAIN FUNCTIONS OF IATA

- SAFETY
- SECURITY
- ENVIRONMENT
- SERVICES

(PATRIOT COLLEGE, 2017)

Location	City	Airport
Aalborg	AAL	AAL
Aarhus	AAR	AAR
Abadan	ABD	ABD
Abakan	ABA	ABA
Aberdeen	ABR	ABR
Aberdeen	ABZ	ABZ
Abha	AHB	AHB
Abu Dhabi	AUH	AUH
Abidjan	ABJ	ABJ
Abilene	ABI	ABI
Abuja	ABV	ABV
Acapulco	ACA	ACA
Acarigua	AGV	AGV
Accra	ACC	ACC
Adak Island	ADK	ADK
Adana	ADA	ADA
Addis Ababa	ADD	ADD
Adelaide	ADL	ADL
Aden	ADE	ADE
Adler	AER	AER
Agadir	AGA	AGA
Aguascaliente	AGU	AGU
Ahmedabad	AMD	AMD
Ajaccio	AJA	AJA
Akiachak	KKI	KKI
Akiak	AKI	AKI
Akita	AXT	AXT
Akron/Canton	CAK	CAK
Al-Baha	ABT	ABT
Al-Fujairah	FJR	FJR
Albany	ABY	ABY
Albany	ALB	ALB
Albert Bay	YAL	YAL

REFERENCES

- BUNDESVERBAND DER DEUTSCHEN LUFTVERKEHRSWIRTSCHAFT. (2020). *THE IMPORTANCE OF AIR TRANSPORT - BDL*. [ONLINE] AVAILABLE AT: [HTTPS://WWW.BDL.AERO/EN/TOPICS-AND-POSITIONS/THE-IMPORTANCE-OF-AIR-TRANSPORT/](https://www.bdl.aero/en/topics-and-positions/the-importance-of-air-transport/) [ACCESSED 23 FEB. 2020].
- HOME AND AVIATION, T. (2017). *THE ROLES OF ICAO & FAA IN AVIATION*. [ONLINE] BEACONMASTER. AVAILABLE AT: [HTTP://BEACONMASTER.UK/2017/04/03/THE-ROLES-OF-ICAO-FAA-IN-AVIATION/](http://beaconmaster.uk/2017/04/03/the-roles-of-icao-faa-in-aviation/) [ACCESSED 23 FEB. 2020].
- MADDALON, D. (2019). AIR TRANSPORTATION. ACCESSSCIENCE. [ONLINE] AVAILABLE AT: [HTTPS://DOI.ORG/10.1036/1097-8542.018100](https://doi.org/10.1036/1097-8542.018100) [ACCESSED 23 FEB. 2020].
- MEHTA, P. (2014). *AIR TRANSPORT: ADVANTAGES AND DISADVANTAGES*. [ONLINE] AVAILABLE AT: [HTTP://WWW.ECONOMICSDISCUSSION.NET/ARTICLES/AIR-TRANSPORT-ADVANTAGES-AND-DISADVANTAGES/2179](http://www.economicdiscussion.net/articles/air-transport-advantages-and-disadvantages/2179) [ACCESSED 23 FEB. 2020].

REFERENCES

- PATRIOT COLLEGE. (2017). WHAT IS IATA? ITS ROLE AND FUNCTIONS | PATRIOT AVIATION BLOG. [ONLINE] AVAILABLE AT: [HTTP://WWW.PATRIOTAVIATIONCOLLEGE.COM/BLOGS/IATA-ROLE-FUNCTIONS/#](http://www.patriotaviationcollege.com/blogs/iata-role-functions/#) [ACCESSED 23 FEB. 2020].
- SKYBRARY.AERO. (2016). *INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA)* - SKYBRARY AVIATION SAFETY. [ONLINE] AVAILABLE AT: [HTTPS://WWW.SKYBRARY.AERO/INDEX.PHP/INTERNATIONAL_AIR_TRANSPORT_ASSOCIATION_\(IATA\)](https://www.skybrary.aero/index.php/INTERNATIONAL_AIR_TRANSPORT_ASSOCIATION_(IATA)) [ACCESSED 23 FEB. 2020].
- SKYBRARY.AERO. (2016). *INTERNATIONAL CIVIL AVIATION ORGANISATION (ICAO)* - SKYBRARY AVIATION SAFETY. [ONLINE] AVAILABLE AT: [HTTPS://WWW.SKYBRARY.AERO/INDEX.PHP/INTERNATIONAL_CIVIL_AVIATION_ORGANISATION_\(ICAO\)](https://www.skybrary.aero/index.php/INTERNATIONAL_CIVIL_AVIATION_ORGANISATION_(ICAO)) [ACCESSED 23 FEB. 2020].