



SNS COLLEGE OF ENGINEERING

Kurumbapalayam (Po), Coimbatore - 641 107

An Autonomous Institution

Accredited by NBA - AICTE and Accredited by NAAC - UGC with 'A' Grade

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai



DEPARTMENT OF MANAGEMENT STUDIES

COURSE CODE & SUBJECT NAME : 19BA348 AIR CARGO MANAGEMENT

II YEAR/ III SEMESTER

UNIT 1 : INTRODUCTION

TOPIC : CARGO MANAGEMENT



Air Cargo





AIR CARGO MANAGEMENT

Air Cargo refers to the shipments, products, or any other item carried through an aircraft. The Air Cargo Industry has been crucial to the economy besides for the people. It has reduced the gap between people, across the globe, by carrying and delivering shipments in minimal time especially during the recent pandemic.



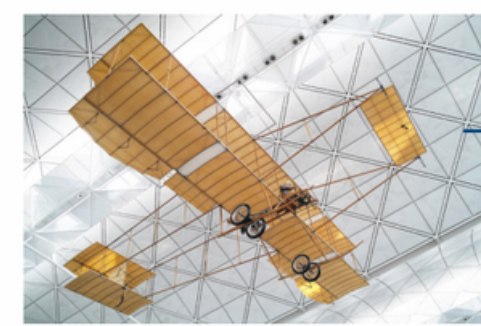
AIRLINE INDUSTRY



- The airline industry encompasses a wide range of businesses, called airlines, which offer air transport services for paying customers or business partners.
- These air transport services are provided for both human travelers and cargo, and are most commonly offered via jets, although some airlines also use helicopters.
- Airlines may offer scheduled and/or chartered services and the airline industry forms a key part of the wider travel industry, providing customers with the ability to purchase seats on flights and travel to different parts of the world.
- The airline industry offers a variety of career paths, including pilots, flight attendants and ground crew.



AIR CARGO HISTORY



1910: FIRST CARGO FLIGHT

1910
1950



1958: DOUGLAS DC-8



1972: 747 FREIGHTER

1960
1970



1982: AN 124

1980



1993: A300 FREIGHTER

1990



1994: BOEING 777

2000

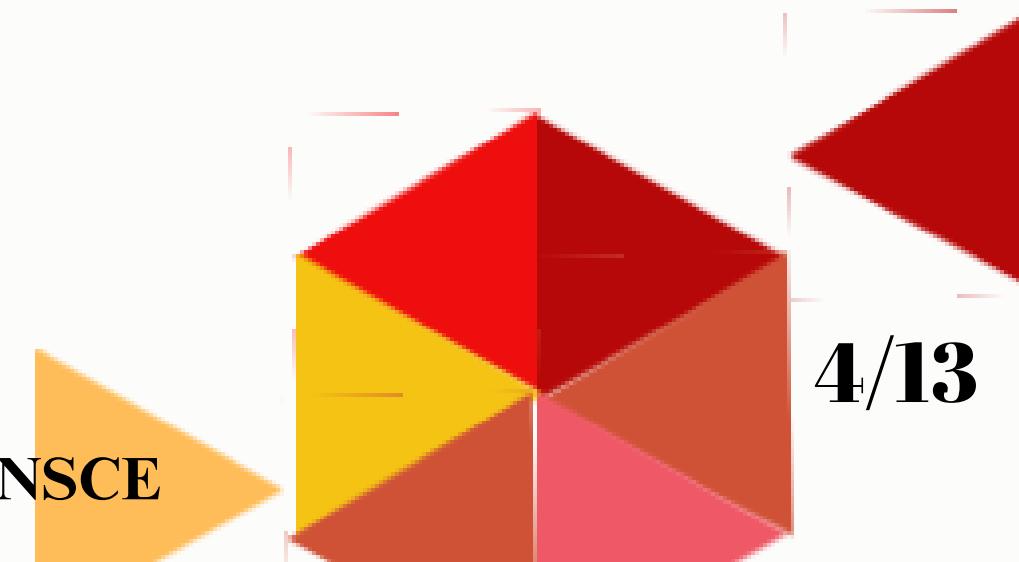


2009: BOEING 787

2010



2013: AIRBUS A350



7 STEPS TO SUCCESSFUL AIR TRANSPORTATION WITH ASSTRA

AIR TRANSPORTATION OFFERS FAST DELIVERIES WITH WIDE GEOGRAPHICAL REACH AND MINIMAL RISKS OF THEFT. THIS SCHEME BREAKS DOWN THE ENTIRE PROCESS OF DOOR-TO-DOOR AIR CARGO TRANSPORTATION WITH ASSTRA:





Procedure to be followed by customer/Agents

Regular air import procedure

The regular air import procedure is composed of these three major sections:

Transfer from landside to airside

- Unloading of truck
- Incoming checks and administration
- Sorting of goods and documents
- Outgoing checks and administration
- Build unit load device (ULD)

Transfer from airside to airside

- Ramp transport and security check**
- Loading of ULD into the aircraft**
- Flight**
- Unloading of aircraft**
- Ramp transport**

Transfer from airside to landside

- Breakdown of ULD
- Incoming checks and administration
- Sort goods and documents
- Outgoing checks and administration
- Load truck



LANDSIDE IN



LOAD CHECK SORT CHECK BUILD

AIRSIDE



RAMP LOAD FLIGHT UNLOAD RAMP

LANDSIDE OUT



BREAK CHECK SORT CHECK UNLOAD





Freight agents handling your cargo :

All of these processes have an equivalent rate, as the owner of the cargo, always have the final word on which option to choose. However, always remember to consider the following factors:

1. Price
2. Flight schedule
3. Cargo requirements



Time before departure (TBD) of the aircraft

1. Commercial checks
2. Logistics checks
3. Flight safety checks
4. Security checks

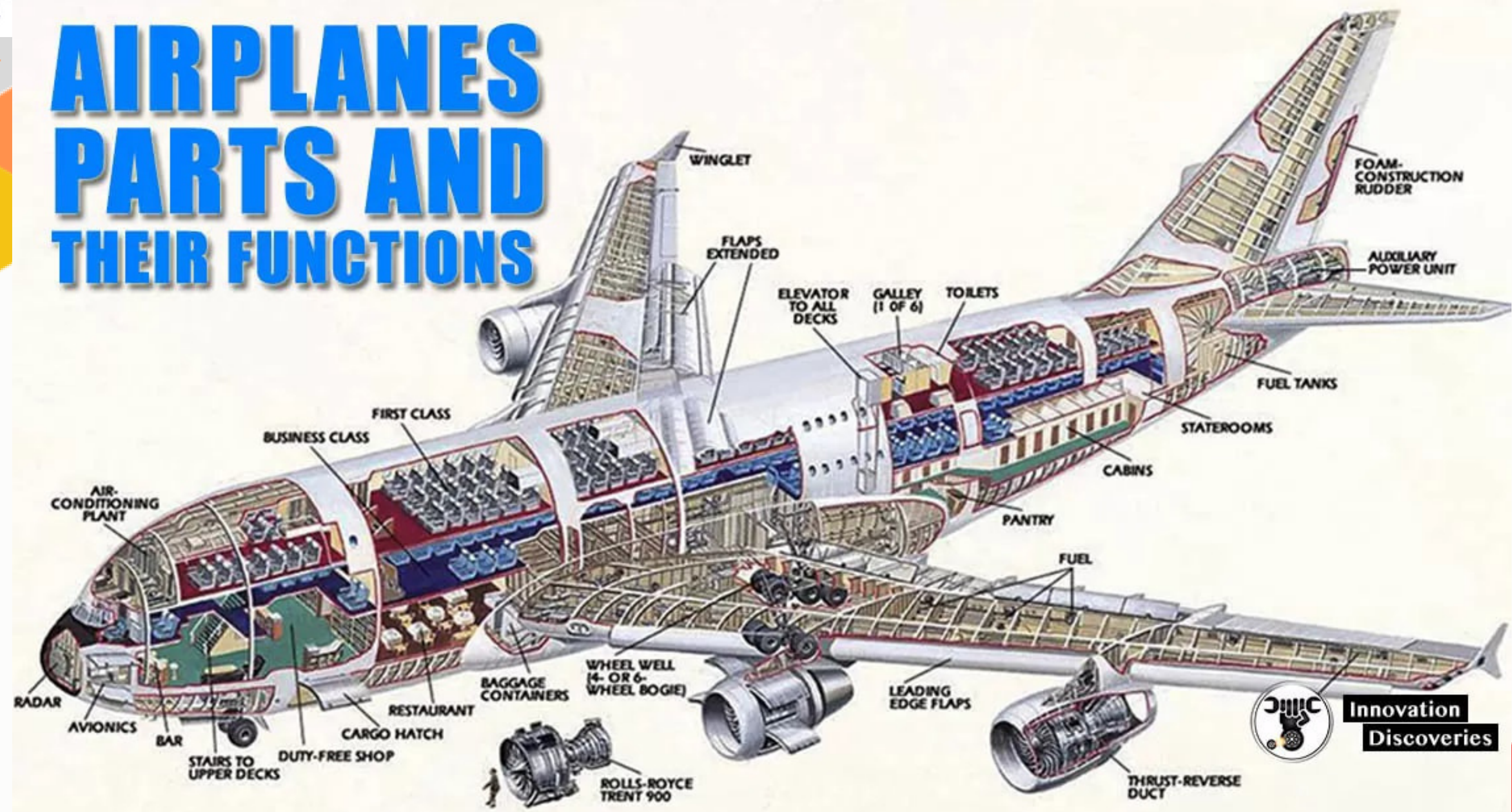


Time before arrival (TBA) of the aircraft

1. Flight Planning and Coordination
2. TBA Calculation
3. Communication with Air Traffic Control (ATC)
4. Descent and Approach Preparation
5. Approach and Landing
6. Landing and Tax
7. Shutdown and Disembarkation
8. Post-Landing Procedures



AIRPLANES PARTS AND THEIR FUNCTIONS





Thank You....