

# INTRODUCTION

## ATA CHAPTERS

Look at these ATA chapters. Do you know them all?

### LIST OF CHAPTERS

#### AIRCRAFT GENERAL

- 00 Introduction
- 05 Time Limits/Maintenance Checks
- 06 Dimensions and Areas
- 07 Lifting and Shoring
- 08 Leveling and Weighing
- 09 Towing and Taxiing
- 10 Parking, Mooring, Storage and Return to Service
- 11 Placards and Markings
- 12 Servicing

#### AIRFRAME SYSTEMS

- 20 Standard Practices-Airframe
- 21 Air Conditioning
- 22 Auto Flight
- 23 Communications
- 24 Electrical Power
- 25 Equipment/Furnishings
- 26 Fire Protection
- 27 Flight Controls
- 28 Fuel
- 29 Hydraulic Power
- 30 Ice and Rain Protection
- 31 Indicating/Recording Systems
- 32 Landing Gear
- 33 Lights
- 34 Navigation
- 35 Oxygen
- 36 Pneumatic
- 38 Water/Waste
- 45 Centralized Maintenance
- 49 Airborne Auxiliary Power

#### STRUCTURE

- 51 Standard Practices and Structures
- 52 Doors
- 53 Fuselage
- 54 Nacelles/Pylons
- 55 Stabilizers
- 56 Windows
- 57 Wings

#### POWER PLANT

- 70 Standard Practices-Engine
- 71 Power Plant
- 72 Engine
- 73 Eng. Fuel and Control
- 74 Ignition
- 75 Air
- 77 Engine Indicating
- 78 Exhaust
- 79 Oil
- 80 Starting

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Here are some common aircraft parts, assemblies and sub-assemblies. Use the list of ATA chapters to identify their chapter number as in the examples. Check your answers in the Exercise Key.

|                     |    |
|---------------------|----|
| AC ESSENTIAL BUS    | 24 |
| HP BLEED VALVE      | 36 |
| AIRSPPEED INDICATOR | 31 |

|                           |                               |
|---------------------------|-------------------------------|
| 1. YELLOW RESERVOIR       | 22. WINDSHIELD WIPER          |
| 2. BRAKES                 | 23. INERTIAL REFERENCE SYSTEM |
| 3. FUEL PUMPS             | 24. SURGE VENT TANK           |
| 4. BATTERIES              | 25. RETURN MANIFOLD           |
| 5. SPOILERS               | 26. ENGINE PYLON              |
| 6. THRUST LEVERS          | 27. PITOT PROBE               |
| 7. FIRE DETECT LOOP       | 28. READING LIGHT             |
| 8. OUTFLOW VALVE          | 29. HOT MANIFOLD              |
| 9. ALTIMETER              | 30. PITCH TRIM                |
| 10. AIR CONDITIONING PACK | 31. THRUST REVERSER           |
| 11. ESCAPE SLIDE          | 32. AUDIO CONTROL PANEL       |
| 12. TAXI LIGHT            | 33. FUEL FLOW                 |
| 13. PASSENGER ADDRESS     | 34. WING TIP                  |
| 14. LAVATORY              | 35. GEAR UPLOCK BOX           |
| 15. STATIC INVERTER       | 36. TOW BAR                   |
| 16. SHOCK ABSORBER        | 37. VERTICAL SPEED INDICATOR  |
| 17. ENGINE LUBRICATION    | 38. CABIN SEATS               |
| 18. PASSENGER DOORS       | 39. ALTITUDE KNOB             |
| 19. ELEVATORS             | 40. TRIM AIR VALVE            |
| 20. WIRING                |                               |
| 21. OXYGEN MASK           |                               |