



AIRLAB SUBANG

BASIC PNEUMATIC SYSTEM

Covers the basic principles and operation of pneumatic systems in aircraft.

Introduction

Pneumatic systems in aircraft are used for various functions, such as cabin pressurization, engine starting, and operating certain flight control systems. This course provides an introduction to the basic principles of pneumatic systems, focusing on the components, operation, and maintenance of these systems in aviation. Participants will learn about the different types of pneumatic systems, the role of air compressors, and the importance of maintaining system integrity. The course also covers basic troubleshooting and safety procedures to ensure the reliable operation of pneumatic systems.

Course Objectives

To provide participants with a foundational understanding of pneumatic systems in aircraft and the skills necessary for their maintenance.

Course Outline

- Introduction to Pneumatic Systems
- Principles of Pneumatic Power
- Components of Aircraft Pneumatic Systems
- Air Compressors and Distribution Systems
- Maintenance Practices
- Troubleshooting Techniques
- Safety Procedures
- Regulatory Requirements
- Case Studies

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