



AIRLAB SUBANG

# ELECTROSTATIC DISCHARGE (ESDS) AWARENESS

Explains the principles and practices for preventing electrostatic discharge that can damage sensitive electronic components in aircraft.

## Introduction

Electrostatic Discharge (ESD) is a significant risk in the aviation industry, particularly when handling sensitive electronic components. This course provides participants with a detailed understanding of ESD, including its causes, effects, and prevention techniques. The course covers the regulatory requirements for ESD protection and the best practices for handling and storing ESD-sensitive components. Participants will learn how to implement safety measures to protect equipment from ESD damage, ensuring the reliability and safety of aircraft systems.

## Course Objectives

To ensure participants understand the causes and effects of ESD and how to prevent it in the aviation environment.

## Course Outline

- Introduction to ESD
- Regulatory Requirements
- Causes and Effects of ESD
- Prevention Techniques
- Handling Sensitive Components
- Safety Procedures
- Case Studies

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