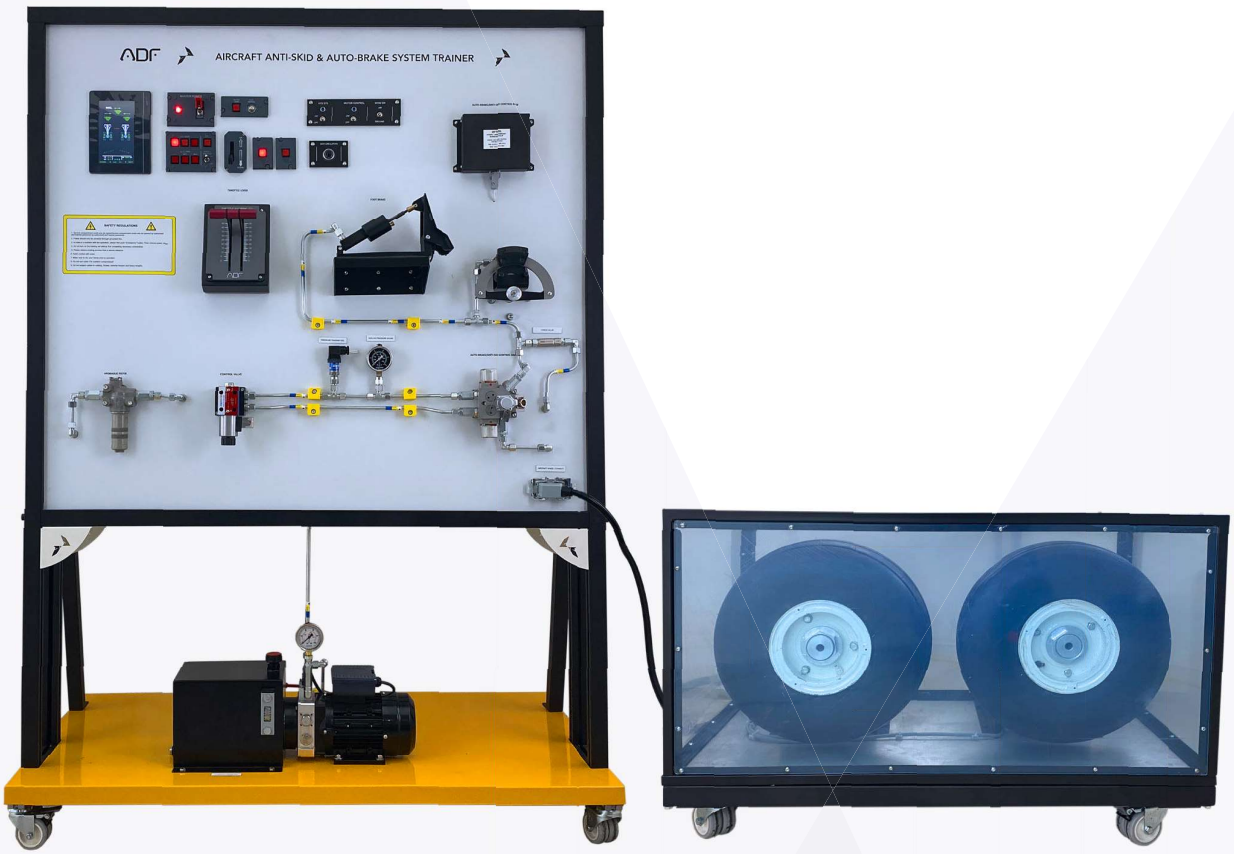
Anti-Skid and Auto-Brake System Trainer

Model SKT-100A



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Our Anti-skid and Auto Braking System trainer is designed to represent the anti-skid braking system that is one of the most essential components of modern jet aircraft.

This training set gains more importance as the need for training maintenance technicians in this area keep increasing. Hands-on training provided by this set ensures that trainees not only comprehend the theory, but they are also well prepared in practice to maintain the anti-skid braking system. Anti-skid and Auto Braking System Training Set includes a typical hydraulic brake system as well as the anti-skid assemblies and components.

This training set contains two wheels.

Specifications

Features

- Understanding fundamentals of aircraft auto-brake/anti-skid and its components.
- Anti-skid and auto-brake system able to work together and independently
- Non operations of auto-brake scenario are implemented
- Operations of auto-brake scenario are implemented
- Take off scenario is implemented
- Landing scenario is implemented
- Auto-brake scenarios is implemented
- Rejected take off scenario is implemented
- Instructor's panel for Fault Insertion
- The system mounted on a metal/aluminum mobile stand.
- Metal/aluminum frame with 4 wheels. 2 of 4 wheels are lockable.
- Training video for teachers
- Delivered fully assembled tested and ready to operate
- Colored Ultraviolet printing method on aluminum composite panel

- Computer Control Software (CCS)
  - Trainer monitored
  - Fault panel control from software
  - All data shown in the software

Components

- Auto-brake/anti-skid Control panel
  - Landing gear position lamps
  - Auto brake Low-Med-Max selection illuminated push button
  - Anti-Skid on/off switch
  - Rejected take-off selection illuminated push button
- Master Caution and aural warning Horn Panel

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- Lockable Landing gear control lever
- Hydraulic pump on/off switch and lamp
- AC engine on/off switch and lamp
- Air/ground switch
- Test button
- Skid simulation panel
- INOP lamp
- Master power panel
  - Master power lamp
  - Master power switch
- 10” inch screen (like EICAS or ECAM)
  - Landing gear position
  - Landing door position
  - Numaric pressure value
  - Sensors status
  - Anti-Skid/Auto-Brake position status
  - Numaric Simulated air speed value
- Electronic Control Box (Antiskid Control Computer)
- Antiskid Valve
- TQ - throttle quadrant
- Electrically Driven Hydraulic Pump
- Hydraulics Filter
- Hydraulic Fluid Reservoir
- Hydraulics tank Drain Valve
- Check valve
- 0-100 bar Hydraulic System analog pressure gauge
- 0-100 bar Hydraulic System Pressure sender
- Aircraft landing gear module
  - Two(2) pieces Aircraft Tire
  - Two(2) pieces Aircraft Wheel
  - Two(2) pieces Aircraft Brake system
  - Two(2) pieces AC motor for turning the wheels
  - Plexiglass cover
- Aircraft foot Brake Pedal
- Aircraft foot Brake master cylinder
- Brake microswitch
- Two(2) pieces AC motor driver

Documentation

- User’s Manual
- Study Guide
- Instructor’s Guide
- Components Diagrams

Power Specs

- Electrical box
- Residual current device
- Emergency Button
- Energy Signal Lamp
- 110 VAC 60 Hz or 220-240 VAC 50 Hz