



## AT-300 Basic Skill Trainer



AT-300 is in an H-shaped frame using aluminum alloy, powder coat steel plate, and aluminum sheet metal. It is suitable for aviation training center teaching EASA Part 66 Modules 6, 7, and 11. This trainer provides students with a visually intuitive practical experience of aviation maintenance skills, categorized into 5 training subjects: (1) Tube and Hose, (2) Electrical Wiring, (3) Locking Device, (4) Control Cable Rigging and (5) Riveting skill.

\*The pictures above are for reference only.  
The real products purchased should be considered as final.

### ● Features

1. AT-300 is classified into two models- AT-30091 and AT-30092. AT-30091 comes with 4 training panels without any roof installed whereas AT-30092 (Optional) comes with 6 training panels with a roof installed.
2. 4 rubberized casters with brakes and 4 galvanized legs on the H-frame prevent vibration and facilitate the movement of AT-300.
3. The angle and position of the steel training panels can be adjusted to simulate actual working environments.
4. The riveting tools will be mounted in the center of the H-frame, and the platform of the riveting tools will be mounted on the H-frame for temporary storage of spare parts and tools.

### ● Specifications

AT-30091 aluminum alloy frame without roof (comes with spanner):

1. 4 training panels can be installed with different heights.
2. Two in one riveting training panels can be installed
3. Dimension: 1000 x 920 x 1770 mm

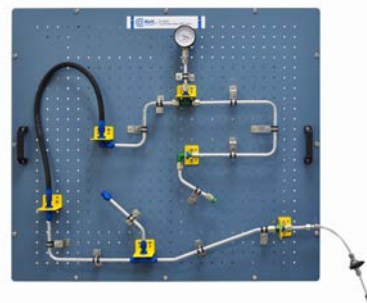


### ● Training panel specifications

#### 1. Tube & Hose

It allows users to freely allocate the location of aircraft tubing and the bending angle of the tube from 0 degree to 180 degree. Both soft and hard tubing, hose clamp, multiple hose fitting will be provided. Pressure gauge and air valve will be provided for leak-checks.

(1) AT-30051 Assembled Demo Board



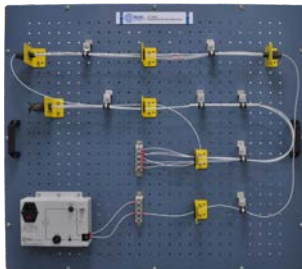


- (2) AT-30001 Hands-on Practice Package including
  - a. Empty board
  - b. Components
  - c. Operation manual
- (3) AT-30041 Tools Set (Optional but Necessary)
- (4) Consumables (Optional but Necessary)
- (5) Devices (Optional but Necessary)
  - a. AT-30081 2Hp/AC 220V Air Compressor (with Pneumatic Pipe)
  - b. AT-30083 Working Table (Stainless Steel Tabletop)
  - c. AT-30084 Bench Vise
  - d. AT-30085 Aluminum Ladder

## 2. Electrical Wiring

It allows users to freely allocate the location of aircraft wiring. Multiple types of terminal will be provided to work with different tools. Connectivity check device will be provided for checking of wiring connection.

- (1) AT-30052 Assembled Demo Board

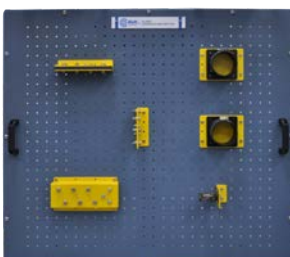


- (2) AT-30002 Hands-on Practice Package including
  - a. Empty board
  - b. Components
  - c. Operation manual
- (3) AT-30042 Tools Set (Optional but Necessary)
- (4) Consumables (Optional but Necessary)
- (5) Devices (Optional but Necessary)
  - a. AT-30083 Working Table (Stainless Steel Tabletop)
  - b. AT-30085 Aluminum Ladder

## 3. Locking Device

There are thousands of different bolts and nuts in an aircraft, So a variety of locking devices are required. This trainer provides various locking devices and tools for practice.

- (1) AT-30053 Assembled Demo Board

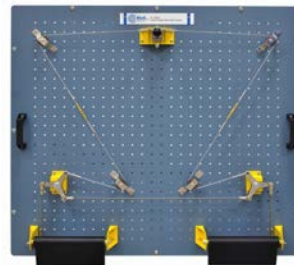


- (2) AT-30003 Hands-on Practice Package including
  - a. Empty board
  - b. Components
  - c. Operation manual
- (3) AT-30043 Tools Set (Optional but Necessary)
- (4) Consumables (Optional but Necessary)
- (5) Devices (Optional but Necessary)
  - a. AT-30083 Working Table (Stainless Steel Tabletop)
  - b. AT-30085 Aluminum Ladder

## 4. Control Cable

It allows users to construct cable and rigging for control surfaces and it comes with rollers, terminals and buckles for connection between cables. Moving the control column on the panel will allow users to understand the working principles of cables and movement of control surfaces.

- (1) AT-30054 Assembled Demo Board



- (2) AT-30004 Hands-on Practice Package including
  - a. Empty board
  - b. Components
  - c. Operation manual
- (3) Tools Set (Optional but Necessary)
  - a. AT-30044-017 Aircraft Cable Tensiometer



- b. AT-30044-018 Cable Pull Tester



- c. AT-30044 Tool Set excluding AT-30044-017 & AT-30044-018
- (4) Consumables (Optional But Necessary )
- (5) Devices (Optional But Necessary )
  - a. AT-30083 Working Table (Stainless Steel Tabletop)
  - b. AT-30084 Bench Vise
  - c. AT-30085 Aluminum Ladder



## 5. Rivet

An Aircraft frame is made up of aluminum alloy metal sheets. Rivets are used for bonding between aircraft frames and sheet metals. Both Aviation Aluminum Sheet (thickness 1.27mm) and Aluminum Sheet (thickness 1.2mm) are available for AT-30005. There are multiple sizes of rivet and tools for riveting or de-riveting.

### (1) AT-30055 Demo Panel



AT-30055 Demo panel  
100 x 200 x 1.27mm

- (2) AT-30005 Hands-on Practice Package including
  - a. Empty board  
2 pcs 524x440x1.27mm & 6 pcs 100x200x1.27mm
  - b. Components
  - c. Operation manual
- (3) AT-30045 Tools Set (Optional But Necessary)
- (4) Consumables (Optional but Necessary)
- (5) Devices (Optional but Necessary)
  - a. AT-30082 7.5Hp/AC 220V Air Compressor (with Pneumatic Pipe)
  - b. AT-30083 Working Table (Stainless Steel Tabletop)
  - c. AT-30084 Bench Vise
  - d. AT-30085 Aluminum Ladder

## ● Optional

AT-30092 Aluminum alloy frame with roof  
(comes with spanner)

1. 6 Training panels can be installed with different heights.
2. Two in one riveting training panels can be installed
3. Dimension : 1000 x 1300 x 2200 mm  $\pm$  10%

\* It is highly recommended to purchase a ladder with the trainer.

