

Wiring Boards



Introduction

The Wiring Board training system is a free-standing basic aviation electrical installation principles trainer.

The trainer enables Students to undertake a range of cable harness manufacturing and testing practices. Students gain experience in the use of electrical test equipment by testing of cable harnesses and fault diagnosis.



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Key Features

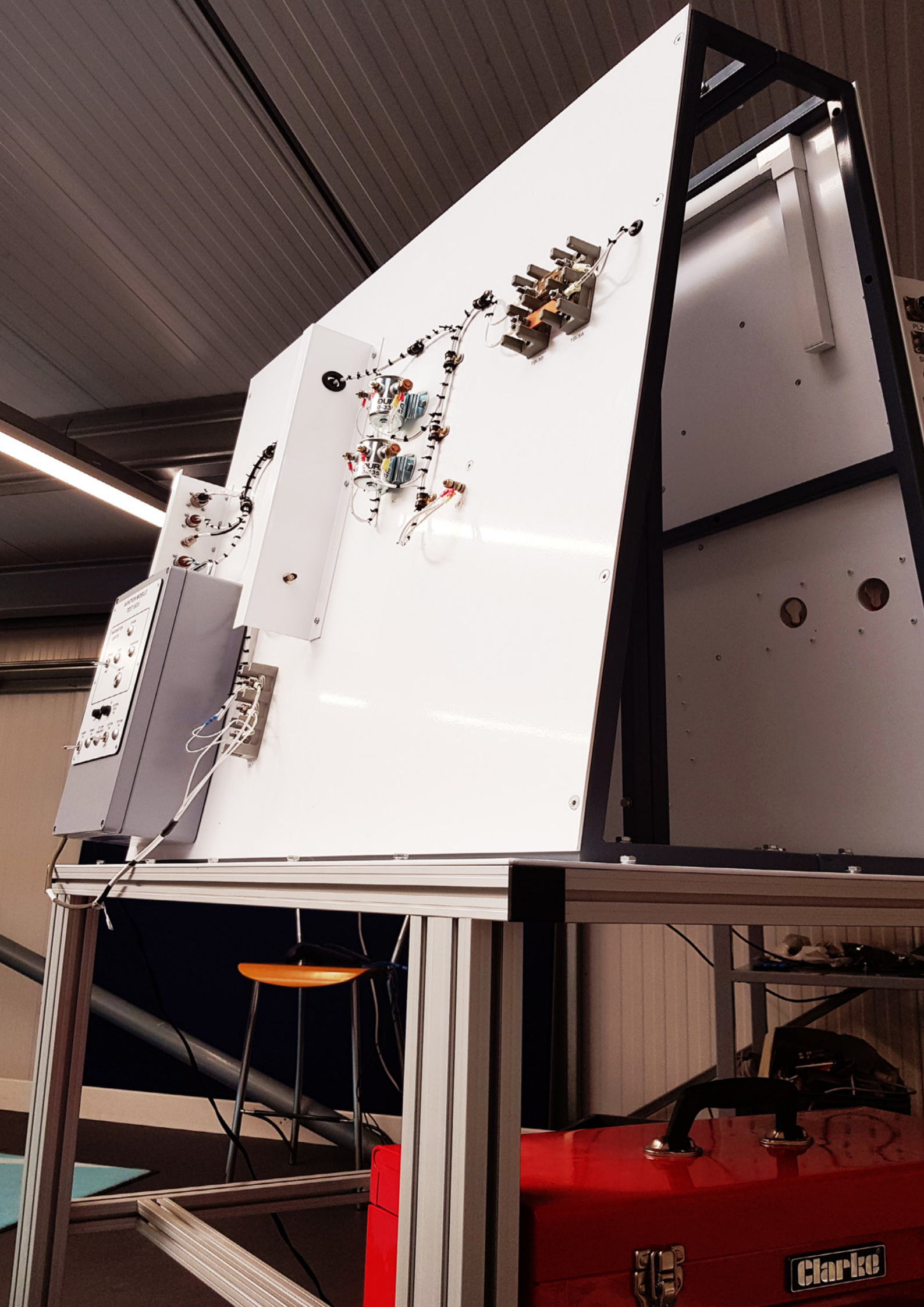
- Incorporates a range of cable manufacture, installation and termination methods;
- Practical experience of aviation cable harness numbering systems;
- Practical identification and investigation of defects on DC circuits;
- Practical experience in a range of tooling and test equipment;
- Integral storage;
- Twin mobile Student Wiring Board Stations;
- Independent Test Box (one supplied per facility).

Aviation Regulations Alignment

EASA/EMAR PT 66	FAA	CITY & GUILDS	CASA MEA Units
Module 6.11 Electrical cables and connectors Module 7 Maintenance practices	14 CFR Part 147: Appendix C Table 2: K. Aircraft Electrical Systems	2675-01 City & Guilds Level 2 Certificate in Aircraft Maintenance (Military Aircraft) Unit 110 (8) 2675-03 City & Guilds Level 3 Diploma in Aircraft Maintenance (Civil & Military Aircraft Electrical and Avionics) Units 201 (4), 208 (1,6,7) 2675-04 Level 3 Diploma On-Aircraft Maintenance Category A Unit 004 (4) 2675-05 City & Guilds Level 3 Diploma in Aircraft Maintenance (Civil Aircraft Mechanical) Unit 201 (4) 4608-60 Level 3 Diploma in Aerospace Manufacturing (Military Development Competence) Units 356 357, 365, 366	MEA239 Fabricate aircraft electrical looms & harnesses MEA246 Fabricate and/or repair aircraft electrical hardware or parts.

Physical Specifications

PARTICULAR	VALUE	UNIT
Length	1115	mm
Width	785	mm
Height	1865	mm
Weight	103	Kg





Supplied Documentation

Operational & Maintenance Manual

Student Manual (Technical Publications)

Supported Training

PRACTICAL TASKS

1. Assembly of a Lighting wiring system;
2. Assembly of a power distribution system;
3. Resistance Checks on a lighting system;
4. Visual Examination of wiring;
5. Troubleshooting;
6. Assembly of a Radio Frequency Cable;
7. Troubleshooting a Radio Frequency Cable.

Optional Accessories

Operation Tools

Ordering Information

98700-000-0001A	Aircraft Wiring Board
98700-3020	Consumables Kit
98700-3021	Spares Kit

