



Elevator Feel Computer Test Box

A Safe, Compact, All-Electric Air & Hydraulic Data Tester



- ➔ AIR & HYDRAULIC SUPERVISION IN ONE DEVICE
- ➔ ACCURATE AIR PRESSURE REGULATION
- ➔ HAND WHEEL ADJUSTMENT, RELIEVING DIAPHRAGM RATED AT 6 PSI
- ➔ INTEGRATED PRESSURE RELIEF SAFETY VALVE RATED AT 6 PSI



The **EFCTB** is a portable tester designed for Boeing's Elevator Feel Computer, situated in the tail of the B737, B747, B757 and B767. The EFCTB is the most compact tester on the market and includes all needed gauges/pumps in a single box. The EFCTB is powered by regular AC in the aft galley of the aircraft, eliminating the need for an external pressure source, as well as keeping the technician safe by removing the need to be behind a running engine on the tarmac.

GENERAL DETAILS

FULL KIT Physical	Weight: approximately 26 kg Dimensions: (LxHxP) 31.30 x 20.40 x 12.20 in (79.5 x 51.8 x 31 cm)
TEST BOX Physical	Weight: approximately 6 kg Dimensions: (LxHxP) 13.38 x 11.61 x 6.10 in (34.0 x 29.5 x 15.2 cm) Operating -5°C to 50°C (23°F to 122°F) Storage -20°C to +60°C (-4°F to 140°F) (Extended Range on-demand)
External Electrical Supply	100-240 VAC / 50-60 Hz / 60W
Temperature	Operating: +5°C to +40°C (41°F to 104°F) Storage: +5°C to +40°C (41°F to 104°F)
Case	Completely weatherproof, meets EMC requirements MIL STD 462D
Calibration	Recommended period 12 months
Ease of maintenance	Maintenance limited to calibration, regular external cleaning

MEASUREMENT RANGES

Function	Range	Accuracy	Max. resolution
Air pressure	0 to 10 psi*	+/- 0.1 % of span	0.001 psi
Hydraulic pressure	0 to 3000 psi	1.0% FS; 0.5% RSS	1 psi

* for safety limited to 6psi

REGULATION OF PRESSURIZED AIR

Hand wheel adjustment, relieving diaphragm rated at 6 psi.

SAFETY AGAINST AIR OVERPRESSURE

Integrated pressure relief safety valve rated at 6 psi.

MAIN FEATURES

Air & hydraulic supervision in one device

Accurate air pressure regulation

DELIVERY INCLUDED ACCESSORIES

The reference of this kit will be defined as follows:

- The first four digits will be referring to the main device: 1055.
- The fifth digit refers to the aircraft range (0 to 4).
- The last digit will define the type of power cord depending of your region (EU, UK, CN or US).

EFCTB Kit Reference [1055.0.000]	
AIRCRAFT COMPLIANCE RANGE	POWER CORD
0 - Boeing 737 Classic / 737 NG / 737 MAX	0 - Type EU
1 - Boeing 747	1 - Type UK
2 - Boeing 757	2 - Type CN
3 - Boeing 767	3 - Type US

A FULL RANGE OF SERVICES DEDICATED TO YOUR PERFORMANCE

OUTSTANDING SERVICE

Global service & calibration support, 2-day calibration,
Multi-brand Calibration Service, Demo unit rental, Training
Maintenance & Repair, Free loan period

➔ More information & Local contact on ateq-aviation.com

Item	Ref.
EFCTB Unit	[00481]
Power cord - EU Plug to IEC C13 - 5m	[T1-0126]
Power cord - UK Plug to IEC C13 - 5m	[T1-0127]
Power cord - CN Plug to IEC C13 - 5m	[T1-0128]
Power cord - US Plug to IEC C13 - 5m	[T1-0129]
Hydraulic transmitter x2	[ED-0117]
Electrical wire x2	[T1-0394]
Pitot adaptor x2 For Kit 1055.0	[CSA75700HT-3]
Pitot adaptor x2 For Kit 1055.1	[CSA74703-4-4]
Pitot adaptor x2 For Kit 1055.2	[CSA75700-3]
Pitot adaptor x2 For Kit 1055.3	[CSA76703-4-4]
Pitot hose assembly x1	[EFCTB-11P]
Pretest pin x2	[9320104]
Visco drain hose assembly x2	[EFCTB-12P]
Hose's grip x1	[BGH1304-4]
Spares seals kit x1	[EFCTB-000-04]
Hydraulic transmitter (spares) x2	[ED-0117]
Lubrication fluid x1	[DG5050]
Transport Case	[1056.0.000]



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