

FOCA TEST SET



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MEASURES OPTICAL CONTINUITY OF FIBER OPTIC CABLE ASSEMBLIES

The Fiber Optic Cable Assembly (FOCA) Test Set is designed to verify optical continuity during laboratory, field installation and maintenance. Systems that employ FOCA components, such as the AN/AAQ-45 Distributed Aperture Infrared Countermeasures (DAIRCM), require such testing to be performed during flight-line installation and troubleshooting. The FOCA Test Set includes a series of FOCA adapters that integrate with a standard laser source (580 XL) and fiber-optic power meter (560 XL) from Greenlee.

HIGHLIGHTS

- Verifies optical continuity of the FOCA for the AN/AAQ-45
- Provides FOCA adapter cables to enable operation with standard fiber-optic continuity testers (Greenlee)
- Eye safe light source compatible with FOCA from AN/AAQ-45
- Validated by US Government for flight-line AN/AAQ-45 FOCA continuity testing

ESSENTIAL AIRCRAFT TEST WHEN USING FOCA

SPECIFICATIONS

PARAMETER	VALUE
Input Light Source	Greenlee 580 XL
Output Light Receiver	Greenlee 580 XL
Light Wavelength	1550 nm
Input Adapters	White (4)
Output Adapters	Black (4)
Coupling Efficiency	100%
Max. Cable Bend Radius	2 inches
Typical Power Output	-7 dBm
Power Supply	2 AA Batteries
Operating Temperature Range	-15 °C to 55 °C
Carrying Case	Pelican Case

CABLE	CABLE DESCRIPTIONS
M19-00111-01	IC-LAUNCHER, FAS, WHITE
M19-00112-01	BIC PLUG, FAS, WHITE
M19-00113-01	BIC RECEPTACLE, FAS, WHITE
M19-00114-01	OUTPUT COLLIMATOR, FAS, WHITE
M19-00115-01	OC-RECEIVER, FAS, BLACK
M19-00116-01	BIC PLUG, FAS, BLACK
M19-00117-01	BIC RECEPTACLE, FAS, BLACK
M19-00118-01	INPUT COUPLER, FAS, BLACK

TEST KIT COMPONENTS



APPLICATIONS

- Initial installation of FOCA
- Periodic maintenance of FOCA
- Troubleshooting malfunctions

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