



**ENGINE TEST
EQUIPMENT**

1-513-792-9000

LICENSED SOLUTIONS FOR THE AVIATION ENGINE TEST INDUSTRY.

Customer Driven. Quality First.



As a quality Global supplier of Aerospace parts, hardware, and equipment, Matdan specializes in delivering innovative solutions to the Aviation Engine Test and MRO industry. Matdan, a customer driven company, works closely with worldwide Aviation clients to offer Engine Test and MRO supplies while reducing procurement and operational costs and lead time.

Matdan is pleased to offer the following products made under license from General Electric Company, U.S.A.

Matdan understands the urgency to have your engines tested and in the air as soon as possible. That is why Matdan is dedicated to reducing lead times and providing the right equipment to enable your test cell to safely and quickly test your engines. Whether you are setting up a new test cell, looking for replacement equipment, or just want to add to your capabilities, Matdan will provide a product solution. We can work with you to provide licensed equipment on many commercial and aeroderivative engines listed below.

AVAILABLE ENGINES				
Commercial			Aeroderivative	
CF6	GE90	GEnx	LM2500	LM6000
Passport	CFM56	CT7	LMS100	LM1600
CF34	H80	HF120	LM500	LM5000
CFE738	CJ610	CF700		

WE OFFER:

DRESS KITS

TEST EQUIPMENT

BLANK OFF KITS

SENSORS & PROBES

RAKES & T/C'S

ELECTRICAL HARDWARE

RETENTION HARDWARE

SEALS AND GASKETS

PIPING AND TUBING

MACHINED COMPONENTS



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DRESS KITS

If planning to set up a new test operation or adding additional engine capabilities to your established test cell, let Matdan help by providing a list of recommended engine specific test hardware and equipment. Matdan provides the following Dress Kit Items:

1. Temperature and Pressure Probes
2. Level and Position Sensors and Transmitters
3. Specialty Fluid Adapters, Fittings, Hoses and Tubing, and Manifolds (Air, Oil, Fuel, Hydraulic)
4. Specialty Thermocouples, Wiring Harnesses
5. Closure and Blank Off Kits
6. Equipment Mounting Brackets (IE. Vibration Mounting)
7. Slave Oil Filtration
8. Starters, Adapters, Control Valves and Ducting
9. Retention Hardware (Seals, Gaskets, Clamps Nuts, Bolts)

TEST EQUIPMENT

Matdan provides quality equipment to increase your test cells capabilities. We specialize in providing equipment required to perform test related inspections and adjustments. Some product examples are listed below.

1. Specialty Adjustment Wrenches, Drivers and Gages
2. Rigging Pins and Gages
3. Programmers and Simulators
4. Trim Balance and Software
5. Borescope(s) and Guide Tube(s)
6. Borescope Motoring Unit(s)
7. Actuation Unit(s) (Hydraulic for VSV and VBV)
8. Safety Cable Installation

PROBES, THERMOCOUPLES, RAKES & SENSORS

Test enabling sensor equipment is often a necessity to receive the detailed resolution needed to ensure a quality test that the standard flight sensors will not provide. Matdan provides the sensing equipment needed to successfully test your engine model. Matdan can supply bellmouth pressure and temperature probes for most commercial and aeroderivative engines.

ELECTRICAL HARDWARE

Trust Matdan to find the exact electrical hardware to ensure your engines data correctly moves to the right source. Matdan can provide commercial, Mil-Spec, or OEM specific connectors and wiring harnesses.

SEALS AND GASKETS

Don't take a chance on leaks that could end up in a damaged engine or loss of test performance. Matdan provides seals and gaskets that are designed and specified in the engine manual for your exact model and application. Come to Matdan for replacement blank off kit gaskets.

SPECIALTY HARDWARE

Matdan has over 20 years of hardware expertise to meet your assembly's specifications. Matdan can provide NAS, MS, and J bolts, nuts, washers, pins, and other fasteners.