



REPAIR AND OVERHAUL

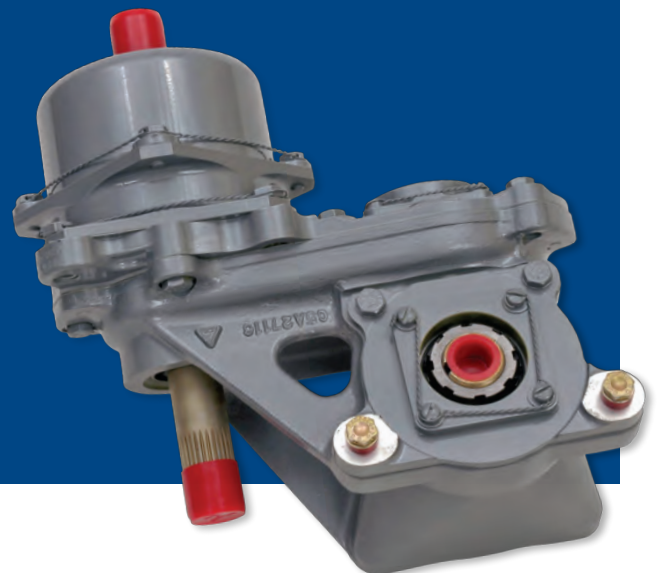
From obsolescence to complex requirements - we have solutions.

THOMAS INSTRUMENT has over 50 years of experience in finding sound, economical solutions to your MRO requirements. We have the staff, equipment, experience, and facilities to perform turn key repair and overhaul services on the most demanding aircraft products. Engineering management teams work closely with our skilled technicians ensuring overhaul projects run smoothly. Experienced logistics experts proactively initiate teaming arrangements for parts availability, complementing the in-house manufacturing efforts to assure timely deliveries. Thomas Instrument designs and builds, in-house testing equipment reducing the “start-up” time on new overhaul projects. Our Program Managers partner with you to reduce turn around time while producing cost effective solutions to Repair & Overhaul requirements.

THOMAS INSTRUMENT - THE COMPLETE PACKAGE

Our in-house capabilities drastically cut lead times and costs while allowing us to monitor each product to completion.

- ENGINEERING
- MANUFACTURING
- LOGISTICS
- LEVEL III NDT - NONDESTRUCTIVE TESTING
- ACCEPTANCE & ENDURANCE TESTING
- COATINGS



AS9100C Certified.

PRODUCTS ROUTINELY REPAIRED AND OVERHAULED

- GEARBOX ASSEMBLIES
- FUEL VALVES/RESTRICTORS
- JACK SCREW ASSEMBLIES
- LINEAR ACTUATORS
- WINCHES/HOISTS
- ICE DETECTORS
- BELL CRANKS
- TENSION REGULATORS
- STALL INDICATOR
- POWER PACK ASSEMBLIES
- RELIEF VALVES
- OIL PUMPS & MOTORS

- CLUTCH & BRAKE ASSEMBLIES
- SERVO VALVES
- NITROGEN VALVES
- HYDRAULIC ACTUATORS
- HYDRAULIC VALVES
- HYDRAULIC ACCUMULATORS
- HYDRAULIC CARTRIDGES
- HYDRAULIC PUMPS
- FLOW REGULATORS
- ASYMMETRY BRAKES
- PRESSURE REGULATORS
- STICK SHAKER ASSEMBLIES

TESTING CAPABILITIES

- HYDRAULIC PRESSURE TESTING
HIGH PRESSURE - HIGH FLOW - STATIC PRESSURE
- LIQUID & GASEOUS NITROGEN TESTING
TO 120 LBS PER MINUTE
- THERMAL CHAMBERS
MIL-STD TESTING
- ALTITUDE CHAMBERS
HIGH ALTITUDE TESTING
- BALL SCREW TESTING
MEASURING LOADS & EFFICIENCY
- DYNAMOMETER TESTING
MEASURING SPEED, LOAD, & TORQUE
- WINCH / HOIST LOAD TESTING
HORIZONTAL & VERTICAL CAPABILITIES



THOMAS
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