

LOUD ENGINEERING



Overhaul Capabilities

Loud Engineering understands the need for quick turnaround Overhaul services. To support quick response, LOUD has the following in-house capabilities:

- Complete Tear Down and Evaluation (TDE) services
- Paint removal utilizing plastic media
- Non Destructive testing including Dye Penetrant and Magnetic Particle
- Complete CNC machining services
- Coordinate Measuring Machine (CMM)
- Complete rework & refurbishment services
- Component fabrication services
- Technical library with over 1000+ Manuals/Technical Orders
- Spare part inventory with over 10,000+ line items
- Full assembly and functional test capabilities
- In-line paint/coating and cure oven
- Hydraulic Test Units 100 to 5,000 PSI
- Hydraulic/Pneumatic Test units up to 12,000 PSI
- MRB engineering expertise



Boeing CH-47 landing gear components during overhaul





Overhaul Capabilities

For over 30 years LOUD Engineering has performed a broad range of Overhaul services for Landing Gear Systems, Actuators, Steering Damping Actuators, Valves, Manifolds, and components for the Aerospace Industry. LOUD's quality system exceeds MIL-Q-9858A requirements and is ISO 9001-2000 and AS9100 compliant. LOUD is an authorized FAA Repair Station, Certificate Number JN3R611L.

Major overhaul customers and programs include:

- **BOEING** A-4, CH-46, CH-47, F-18, KC-135, V-22, 727, DC-9, MD-80
- **LOCKHEED MARTIN** C-130, F-16, P-3, SR-71, U-2, F-117
- **NORTHROP GRUMMAN** B-2, F-5, T-38, S-2
- **ROCKWELL** OV-10
- **NORTH AMERICAN** T-39
- **US COAST GUARD** C-130
- **USAF** Components and assemblies to support many of the aircraft listed above.
- **CALIFORNIA DEPARTMENT of FORESTRY** S-2, OV-10

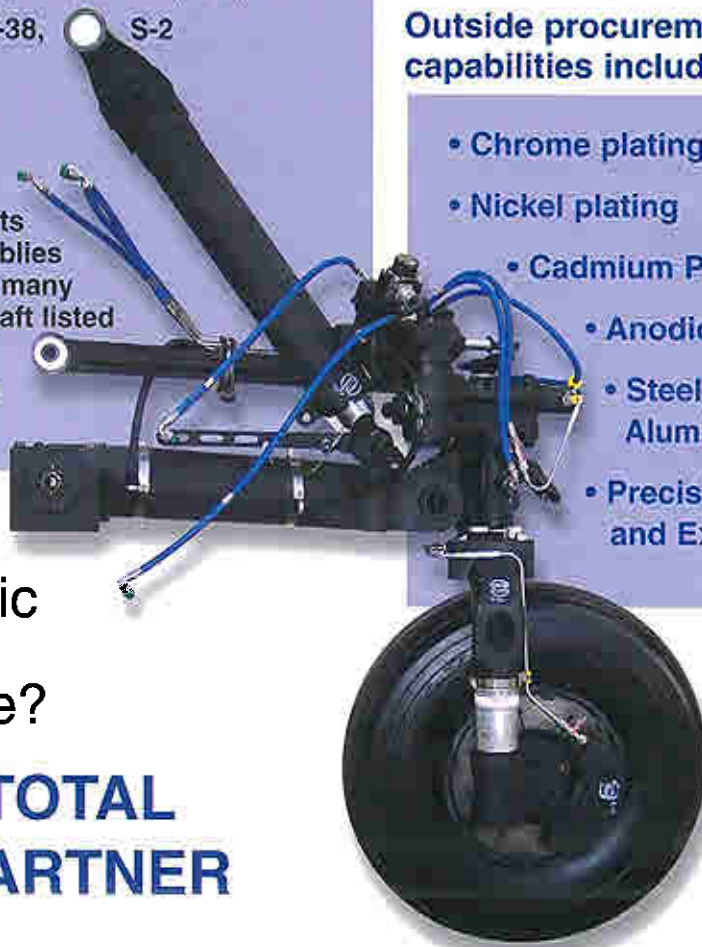
LOUD has developed strategic supplier partnerships for any components requiring outside processing.

Outside procurement capabilities include:

- Chrome plating
- Nickel plating
- Cadmium Plating
- Anodic coating
- Steel, and Aluminum Forgings
- Precision Castings and Extrusions

Do you have a specific program, project or engineering challenge?

LOUD is your TOTAL SOLUTIONS PARTNER



Landing gear after overhaul

Loud Engineering

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