



LANDING GEAR FACTS

INFORMATION & CAPABILITIES

DUNCAN AVIATION LANDING GEAR SERVICE

Duncan Aviation is a Challenger landing gear expert. Our team of service professionals adheres to strict OEM guidelines when performing all maintenance actions.

Customers are provided a comprehensive teardown report for each assembly put in for service. This report details every maintenance option available and gives the customer the opportunity to review discrepancies and photos, inspect parts, and provide input on how they would like to proceed.

Discrepancies, such as corrosion, are almost always present during a landing gear inspection. They are addressed in a manner that complies with OEM requirements utilizing Messier Engineering services to assure the continued life of the gear versus replacement.

INSPECTION INTERVALS

Challenger 600/601

- 60-Month detailed inspection
- 120-Month restoration

Challenger 604 / Regional Jet

- 96-Month detailed inspection
- 192-Month restoration

COMPONENTS INCLUDED

- MLG Strut Assemblies (L/H and R/H)
- NLG Strut Assembly
- MLG Actuators (L/H and R/H)
- NLG Drag Brace
- NLG Actuator (604 and RJ models only)

LANDING GEAR FACT

- Experience maintaining landing gear since 1978
- 3,000 ship sets overhauled
- \$3,000,000 landing gear inventory
- Experienced with engineered repairs
- All third-party vendors are FAA-Approved

AUTHORIZATIONS

- Challenger Authorized Service Center

APPROVALS

- Messier Engineering
- Bombardier

WARRANTY

- 12-Month Warranty on work performed during landing gear maintenance events
- 100% coverage of overhauled landing gear

PARTS

- Large major parts and spares inventory
- Life-limited parts tracking and log provided
- Teardown reports
- Completely stripped & repainted (Restoration only)
- In-house Non-destructive testing
- Landing gear is assembled using OEM standards
- Hardware is replaced or replated
- Gear is tagged with type of grease used during assembly

CHALLENGER LANDING GEAR TEAM

Landing Gear Service Sales

- Vince Cruicksank
Office: 402.479.1614
Cell: 402.429.4169
- Chris Gress
Office: 402.479.1664

Component Solutions Sales and Service

- 800.228.1836
- Component and parts expertise available 24/7/365

Technical Support

- Jerry Cable, Accessory Tech Rep.
Office: 402.479.8112
Cell: 402.432.0154