



L E G A C Y
AVIATION SERVICES INC.

C.E. PAGE AIRPORT (KRCE)
1701A N. CIMARRON RD
YUKON OK 73099
405.350.2100
405.350.7600 F
WWW.LEGACY-AVIATION.COM

LANDING GEAR & HYDRAULIC COMPONENT REPAIRS

All Maintenance Manual Repairs WESTWIND

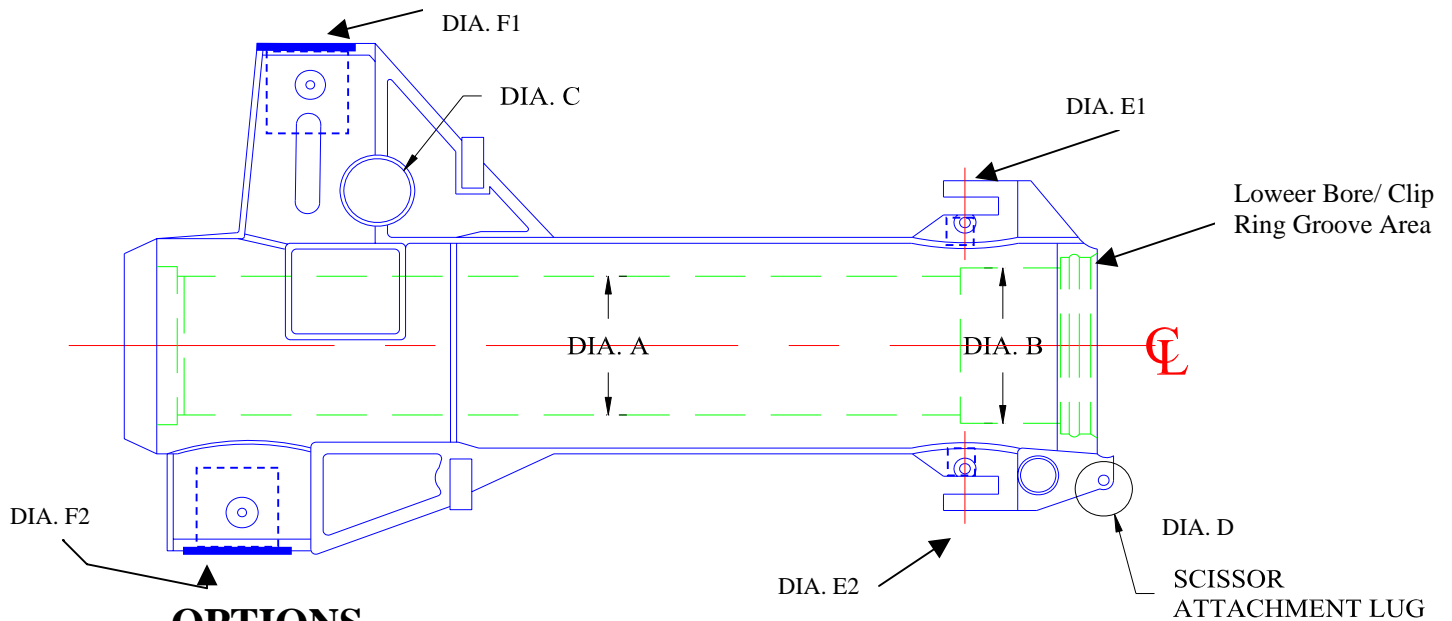
- MAIN LANDING GEAR UPPER BODY
- SCISSOR, LOWER LH & UPPER RH / SCISSOR, UPPER LH & LOWER RH
- POWER BRAKE VALVE ASSEMBLY
- THERMAL RELIEF VALVE
- GEAR SELECTOR VALVE
- HYDRAULIC FUSE
- NLG ACTUATOR
- MLG ACTUATOR
- NOSE GEAR STEERING CYLINDER
- SOLENOID VALVE
- CENTERING SPRING
- STEERING VALVE ASSEMBLY
- MAIN LANDING GEAR ROD
- OUTER STRUT
- LANDING GEAR INNER BODY
- FORK/ROD & AXLE ASSEMBLY
- THRUST REVERSER ACTUATOR
- WESTWIND COMPONENT REPAIR & OH list



253505-501 / 253505-502 MAIN LANDING GEAR UPPER BODY

OVERHAUL CONSISTS OF:

- NDT
- Repair diameters as necessary
- Replacing bushings as necessary
- Paint



OPTIONS OVERHAUL

Repair Dia A

Repair Dia B

Repair Dia C

Repair Dia D

Repair Dia E1

Repair Dia E2

Repair Dia F1

Repair Dia F2

Lower Bearing Bore
(Clip Ring Groove Area)



INSPECTION FEES APPLY



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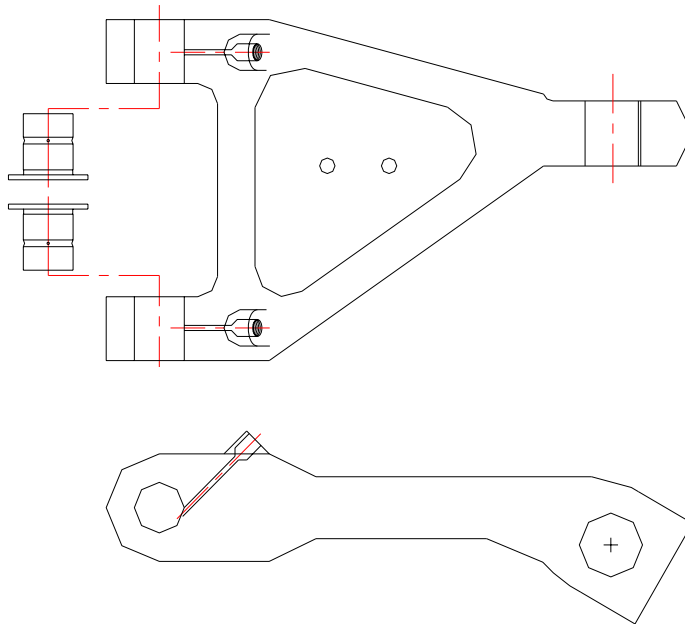
253511-1 / 253512-1

SCISSOR, LOWER LH & UPPER RH

SCISSOR, UPPER LH & LOWER RH

OVERHAUL CONSISTS OF:

- **Clean and inspect**
- **Replace bushings as necessary**
- **Paint**



OPTIONS

OVERHAUL

INSPECTION FEES APPLY



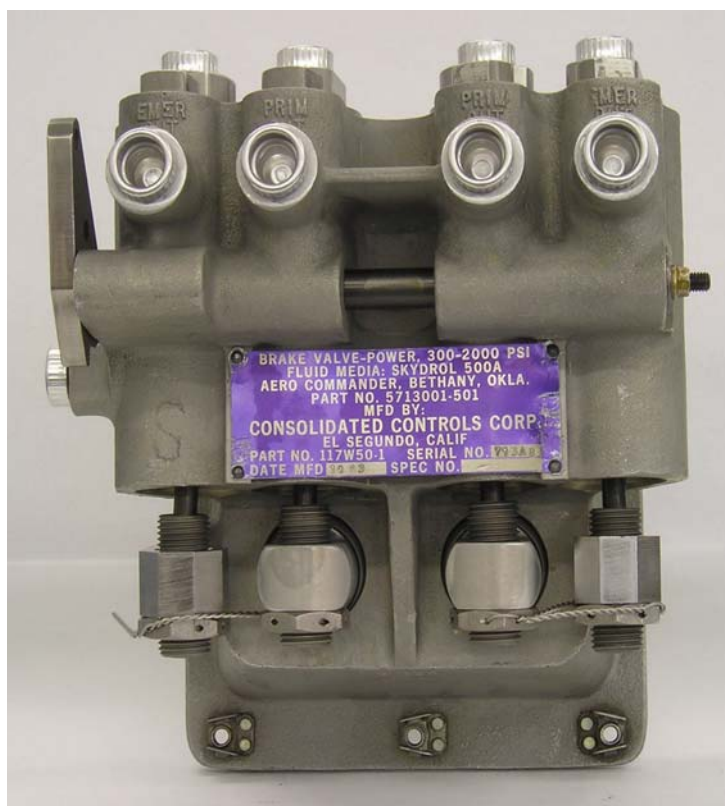
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713001-501 / 5713001 / 5713001-501 117W50 / 117W50-1 / 4713074 POWER BRAKE VALVE ASSEMBLY

OVERHAUL CONSISTS OF:

- **Inspect and repair housing and components**
- **Restore bores as necessary**
- **Repair and / or install new components as necessary**
- **Assembling with new seals and test to more stringent requirements than OEM**



OPTIONS

OVERHAUL

INSPECTION FEES APPLY



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713011 / 713011-501 / 713554-501 3713011 / 3713554 / 1713554 / 13713554-501 THERMAL RELIEF VALVE

OVERHAUL CONSISTS OF:

- **Inspect and repair housing as necessary**
- **Repair or replace components as necessary**
- **Assemble with new seals**
- **Test / Adjust**



OPTIONS **OVERHAUL**

INSPECTION FEES APPLY



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713025 / 4713025

713025-1 / 713025-501 / 713553-501

CFAR SELECTOR VALVE

OVERHAUL CONSISTS OF:

- Clean and inspect
- Replace O-rings
- Place poppets as necessary
- Replace defective parts
- Reseal
- Test



OPTIONS
OVERHAUL

INSPECTION FEES APPLY



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713047A / G831-4-5 HYDRAULIC FUSE

OVERHAUL CONSISTS OF:

- Clean and inspect
- Modify To “A” Status, if needed
- Replace defective parts
- Reseal
- Test



OPTIONS OVERHAUL

INSPECTION FEES APPLY



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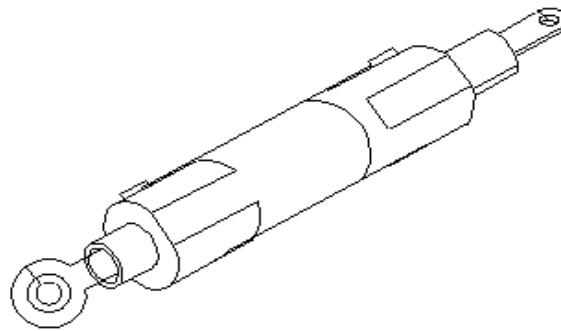
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713059-505

NLG ACTUATOR

OVERHAUL CONSISTS OF:

- **Inspect and repair or replace components as necessary**
- **Restoring piston / shaft assembly to new dimensions if necessary**
- **Remove and treat corrosion**
- **Installing all new seals**
- **Testing to more stringent requirements than the aircraft maintenance manual**



OPTIONS

OVERHAUL

INSPECTION FEES APPLY



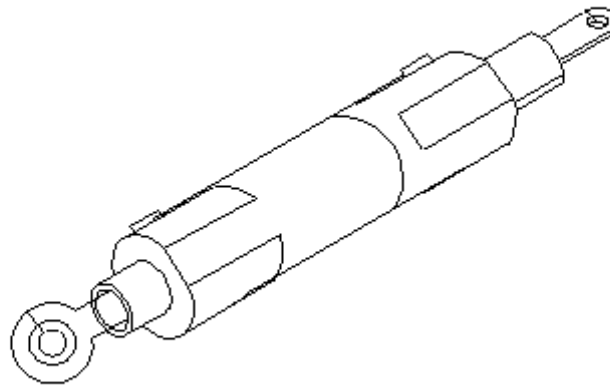
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5713061-503 / 713061-505 / 4713028 4713028-501 MLG ACTUATOR

OVERHAUL CONSISTS OF:

- **Inspect and repair or replace components as necessary**
- **Restoring piston / shaft assembly to new dimensions if necessary**
- **Remove and treat corrosion**
- **Installing all new seals**
- **Testing to more stringent requirements than the aircraft maintenance manual**



OPTIONS OVERHAUL

INSPECTION FEES APPLY



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713096 Series / 4713096 Series NOSE GEAR STEERING CYLINDER

OVERHAUL CONSISTS OF:

- **Disassembling, inspecting & replacing or repairing components as necessary**
- **Restoring piston / shaft assembly to new dimensions if necessary**
- **Installing all new seals**
- **Testing to more stringent requirements than the aircraft maintenance manual**



OPTIONS **OVERHAUL**

INSPECTION FEES APPLY



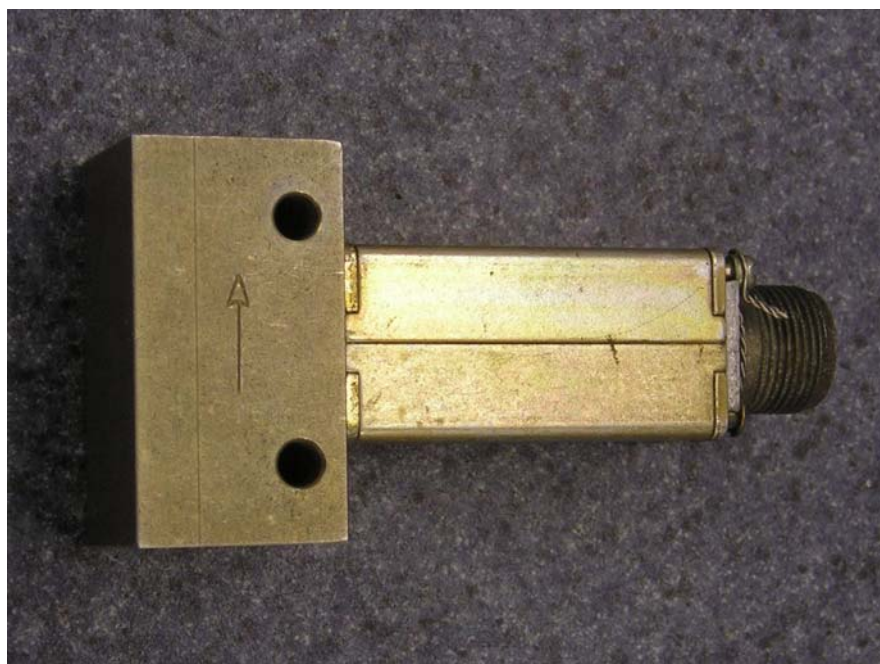
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783164 Series / 783686 Series V20600 Series SOLENOID VALVE

REPAIR CONSISTS OF:

- **Inspect and repair components as necessary**
- **Test**



OPTIONS **REPAIR**

INSPECTION FEES APPLY



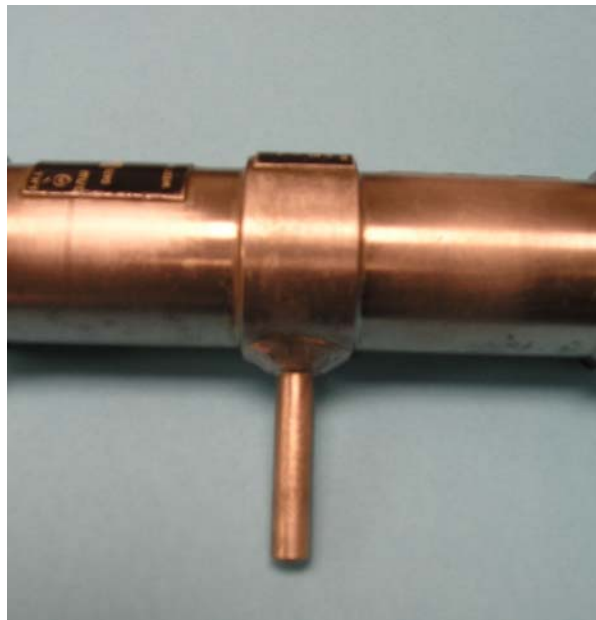
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EA1699-1/EA1699-501/EA1699-503 EA1699-505/2235.0000.000 CENTERING SPRING

OVERHAUL CONSISTS OF:

- **Inspect and repair or replace components as necessary**
- **Test**



OPTIONS OVERHAUL

INSPECTION FEES APPLY



EA1801-2

STEERING VALVE ASSEMBLY

OVERHAUL CONSISTS OF:

- **Inspect and repair or replace components as necessary**
- **Assemble with new seals**
- **Test**



OPTIONS

OVERHAUL

INSPECTION FEES APPLY



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ED12910-2

MAIN LANDING GEAR ROD

OVERHAUL CONSISTS OF:

- **Inspect**
- **NDT**
- **Restore ID & OD as necessary**
- **Restore black oxide coating**

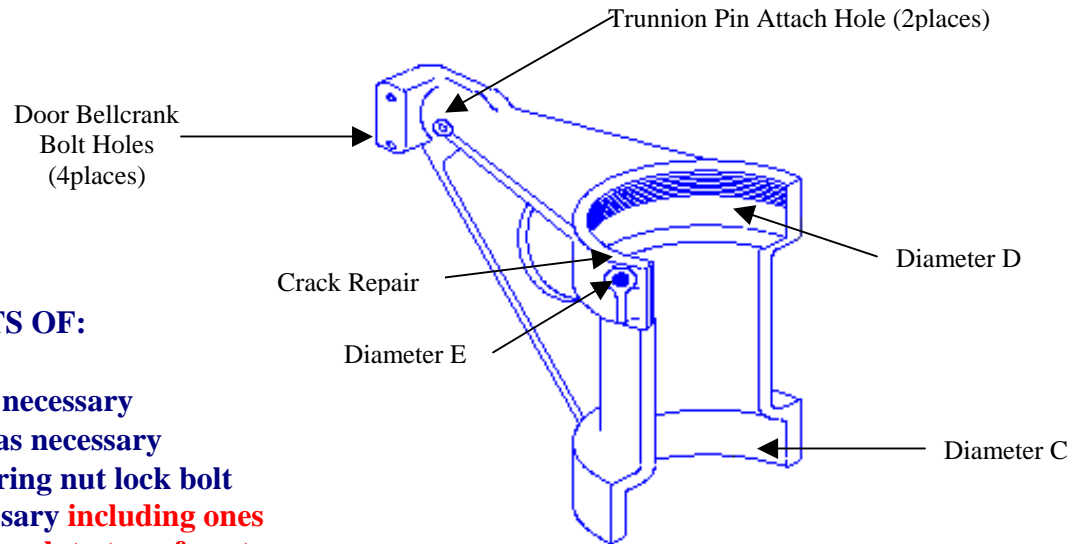


OPTIONS
OVERHAUL

INSPECTION FEES APPLY



ES12854-1 / ES12854-501 OUTER STRUT



OVERHAUL CONSISTS OF:

- NDT
- Repair diameters as necessary
- Replacing bushings as necessary
- Repair of upper bearing nut lock bolt hole (Dia E) as necessary **including ones that are cracked through to top of part**
- Replace trunion bushings
- Paint

OPTIONS OVERHAUL

Repair Dia A

Repair Dia C

Repair Dia D

Repair Dia E

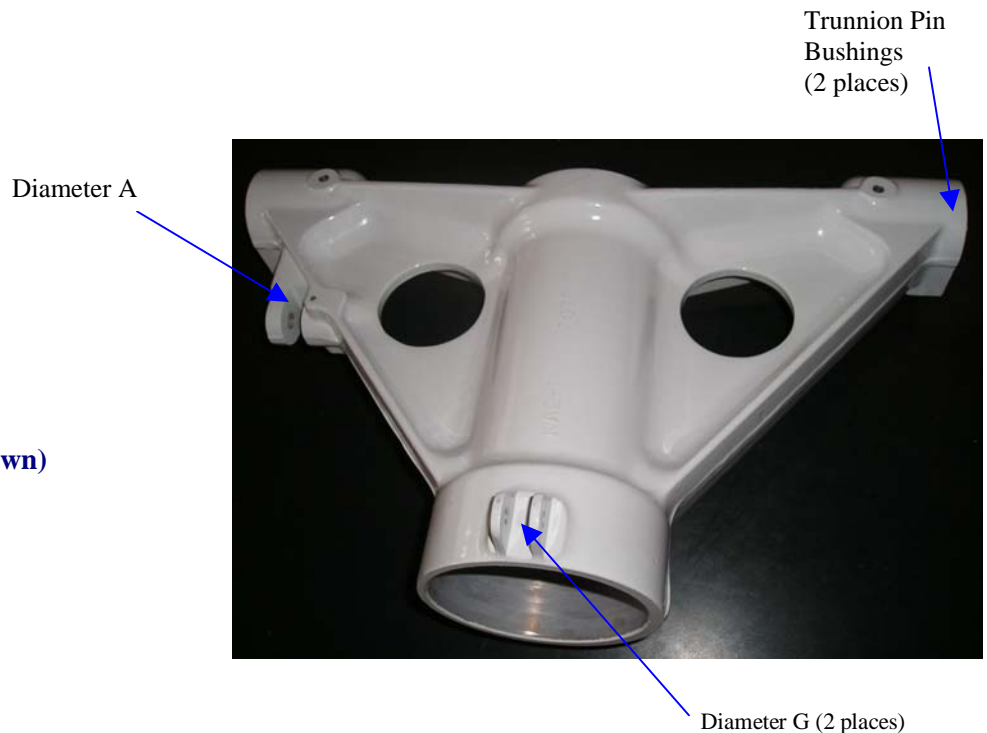
Repair Dia F

(Drag Brace Link Attach Point – Not Shown)

Repair Dia G

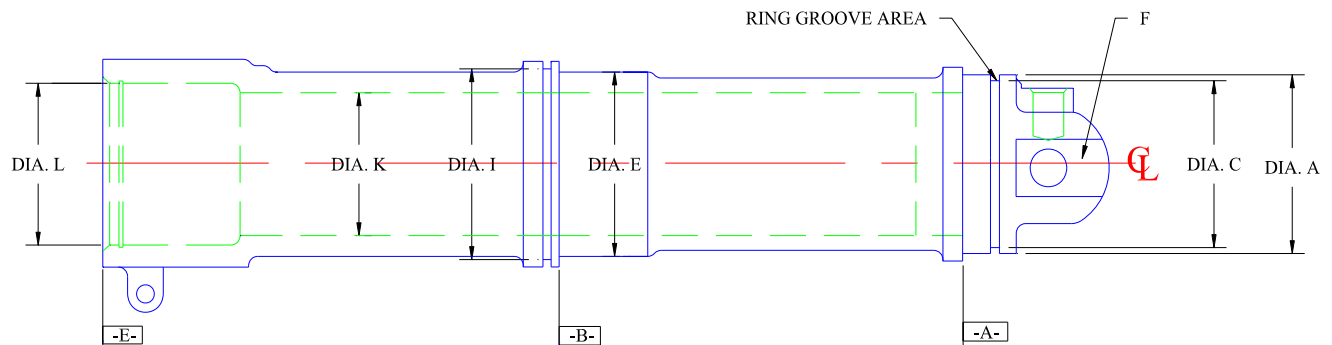
Repair Door Bellcrank Bolt Holes

Replace Trunion Bushings



INSPECTION FEES APPLY

ES12858-501 LANDING GEAR INNER BODY



OPTIONS

OVERHAUL

Repair Dia I

Repair Dia E

Repair Dia K

Repair Dia L

Repair Dia.'s A, C
& O-Ring Groove



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ES12908-503 / -504 910.003.53 / .54 FORK/ROD & AXLE ASSEMBLY



OVERHAUL CONSISTS OF:

- **Disassemble**
- **NDT components**
- **Repair or replace components as necessary**
- **Remove & treat minor corrosion**
- **Reassemble**
- **Prime & paint per customer requirements**

OPTIONS **OVERHAUL**

Replace Axle
Replace Rod

INSPECTION FEES APPLY



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F10A5SCH203-1 F10A5SCH203-3 1211164-001 THRUST REVERSER ACTUATOR

OVERHAUL CONSISTS OF:

- **Inspect and repair or replace components as necessary**
- **Modify from -1 to -3 configuration, if necessary**
- **Assemble with new seals**
- **Test**



OPTIONS

**OVERHAUL
MODIFY -1 to -3**

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<u>Part Number</u>	<u>Description</u>	<u>Capabilities Available</u>
253505-501, -502	Main Landing Gear Upper Body	Overhaul / Repair
253511-1	Lower LH & Upper RH Scissor	Overhaul
253512-1	Upper LH & Lower RH Scissor	Overhaul
713001-501 / 5713001, -501	Power Brake Valve Assembly	Overhaul
117W50, -1		
4713074		
187W64 / 3400 / 400156	Thermal Relief Valve	Overhaul
713011, -501 / 3713011, -1, -501		
713554-501 / 3713554, -1, -501		
1713554 / 13713554-501		
AV14A3128 Series	Gear Selector Valve	Overhaul
713025, -1, -501 / 4713025		
713553-501		
713047A / G831-4-5	Hydraulic Fuse	Overhaul / Exchange
713059-505	NLG Actuator	Overhaul
5713061-503	MLG Actuator	Overhaul
713061-505		
4713028, -501		
713096 Series	Nose Gear Steering Cylinder	Overhaul
4713096 Series		
783164 Series / 783686 Series	Solenoid Valve	Repair
V20600Series		
EA1699-1, -501, -503, -505	Nose Gear Centering Spring Assembly	Overhaul
2235.0000.000		
EA1801-2	Steering Valve Assembly	Overhaul
ED12910-2	Main Landing Gear Rod	Overhaul
ES12854-1, -501	Outer Strut	Overhaul / Repair
ES12858-501	Landing Gear Inner Body	Overhaul / Repair
ES12908-503, -504	Fork Rod & Axle Assembly	Overhaul / Repair
910.003.53, .54		
F10A5SCH203-1, -3	Thrust Reverser Actuator	Overhaul
12111164-001		
572375-1, -2, -3	Cooling Turbine Housing	Repair

CALL FOR A COMPLETE LIST OF WESTWIND CAPABILITIES