

CHECK BEING PERFORMED: Custom

ZONES: 710  
 A/C NUMBER:  
 REV. DATE: 08/22/00  
 FREQUENCY: PCI

W/C NUMBER: 516R3201  
 DATE:  
 W/O:  
 JAC CODE:



PANELS

712A 714A 117AL  
 713A 715A 118CR

REFERENCES

LR27324 MM 32-61-05 MM 32-61-06 MM 32-63-00 MM 33-43-00 MM 32-21-02 MM  
 32-21-03 MM 32-21-11 MM 32-51-00 516R3201

MECH INSP

NOSE LANDING GEAR CHANGE

- COORDINATE WITH QA RECORDS TO VERIFY CORRECT PART NUMBER AND SERIAL NUMBER ON REPLACEMENT GEAR, PRIOR TO INSTALLATION ON AIRCRAFT AS FOLLOWS:

NOTE: ITEM NUMBERS ON PARTS LIST CORRELATE TO APPLICABLE PARTS LISTING IN LR27324.

XXXXX \_\_\_\_\_ A UTILIZING LOCKHEED REPORT NUMBER LR 27324, L1011 FAA LANDING GEAR LIFE LIMITATIONS, WRITE DOWN CORRECT P/N'S FOR LIFE LIMITED PARTS LISTED BELOW.

CHECK SECTION OF REPORT USED:

\_\_\_\_\_ 2.2 \_\_\_\_\_ 2.3 \_\_\_\_\_ 2.4 \_\_\_\_\_ 2.5 \_\_\_\_\_ 2.6  
 \_\_\_\_\_ 2.7 \_\_\_\_\_ 2.8 \_\_\_\_\_ 2.9 \_\_\_\_\_ 2.10

XXXXX \_\_\_\_\_ B VERIFY P/N'S DERIVED FROM LR 27324, MATCH THOSE LISTED IN THE OVERHAUL SPEC SHEET.

XXXXX \_\_\_\_\_ C COPY SERIAL NUMBERS FROM OVERHAULED LANDING GEARS SPEC SHEET TO THE APPLICABLE PART LISTED BELOW.

LIFE LIMITED PARTS TO BE REPLACED AT 10 YEAR LANDING GEAR CHANGE FOR OVERHAUL

LR 27324 ITEM NUMBER	PART NUMBER	DESCRIPTION	S/N ON
	_____	NOSE LANDING GEAR ASSEMBLY	_____
1	_____	PIN, DRAG BRACE, KNEE	_____
2	_____	STEERING COLLAR ASSY	_____
3	_____	PIN, TRUNNION, DRAG BRACE	_____

NOSE LANDING GEAR CHANGE

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3	_____	PIN, TRUNNION, DRAG BRACE	_____
4	_____	PIN, STEERING COLLAR	_____
4	_____	PIN, STEERING COLLAR	_____
5	_____	PIN, TORQUE ARM, LOWER	_____
6	_____	PIN, TORQUE ARM, UPPER	_____
7	_____	PLATE, STEERING ACTUATOR	_____
7	_____	PLATE, STEERING ACTUATOR	_____
8	_____	PIN, DRAG BRACE LOWER	_____
9	_____	NUT, TORQUE ARM UPPER	_____
10	_____	JURY BRACE ASSY, LOWER	_____
11	_____	DRAG BRACE ASSY, LOWER	_____
12	_____	PIN, TRUNION, SHOCK STRUT	_____
12	_____	PIN, TRUNION, SHOCK STRUT	_____
13	_____	TUBE ASSY, TRUNNION, SHOCKSTRUT	_____
14	_____	BOLT, TRUNION, JURY BRACE	_____
14	_____	BOLT, TRUNION, JURY BRACE	_____
16	_____	BOLT, TORQUE ARM LOWER	_____
17	_____	PIN, JURY BRACE	_____
18	_____	DRAG BRACE ASSY, UPPER	_____
19	_____	JURY BRACE ASSY, UPPER	_____
20	_____	UPPER TORQUE ARM ASSY	_____
21	_____	LOWER TORQUE ARM, ASSY	_____
22	_____	BOLT (UPPER DRAG BRACE TRUNION)	_____
	_____	SHOCK STRUT ASSY, NLG	_____
23	_____	PIN, METERING, SHOCK STRUT	_____
24	_____	PISTON ASSY, SHOCK STRUT	_____
25	_____	CYLINDER ASSY, SHOCK STRUT	_____
26	_____	ORIFICE SUPPORTING TUBE	_____
27	_____	NUT, ORIFICE, SUPPORT TUBE	_____

|XXXX \_\_\_\_\_ D ENSURE "SERVICE TIRES WITH NITROGEN ONLY" PLACARD LOCATED

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| ON THE STRUT LOWER HALF, AND "SERVICE STRUT WITH SHELL SSF"  
| PLACARD LOCATED ON THE STRUT UPPER HALF ARE PROPERLY SECURED  
AND LEGIBLE.

\_\_\_\_\_ 2 VERIFY THE FOLLWING PARTS ARE REPLACED DURING LANDING GEAR  
REPLACEMENT, DUE TO OVERHAUL, AND RECORD P/N AND S/N ON:

PART NUMBER	DESCRIPTION	SERIAL NUMBER ON
_____	RETRACT ACTUATOR	_____
_____	POWER STEERING VALVE ASSEMBLY	_____
_____	LEFT STEERING ACTUATOR	_____
_____	RIGHT STEERING ACTUATOR	_____
_____	RH FWD DOOR ROD	_____
_____	LH FWD DOOR ROD	_____

\_\_\_\_\_ 3 IF ANY OF THE PARTS LISTED IN STEP 1 OR 2 WERE REPLACED WITH A  
SERVICEABLE UNIT BEFORE THE COMPLETION OF ALL LANDING GEAR  
CHANGE PROCEDURES, ACCOMPLISH THE FOLLOWING:

- A PUT "SEE ATTACHED LIST" AFTER THE PART NUMBER AND A LINE THROUGH THE SERIAL NUMBER OF EACH PART REPLACED FROM STEP 1 OR STEP 2 PARTS LIST.
- B ATTACH A LIST OF REPLACEMENT PARTS INCLUDING PART NUMBER, SERIAL NUMBER, DESCRIPTION, AND LIFE LIMIT FOUND IN LR 27324 (IF APPLICABLE).

NOTE: ALL LIFE LIMITED PARTS MUST HAVE A LIFE AND TIME SINCE OVERHAUL EQUAL TO OR GREATER THAN THE CYCLES REMAINING BEFORE OVERHAUL OF LANDING GEAR TO BE INSTALLED.

4 PREPARE FOR NOSE LANDING GEAR REMOVAL

\_\_\_\_\_ XXXXX A CLEAR AREA AROUND AIRCRAFT TO ALLOW JACKING OF AIRCRAFT.  
POSITION MAINTENANCE STANDS AS REQUIRED. INSTALL WHEEL  
CHOCKS FORWARD AND AFT OF MAIN GEAR WHEELS.

\_\_\_\_\_ XXXXX B ASSURE THAT ALL LANDING GEAR SAFETY PINS HAVE BEEN PROPERLY  
INSTALLED IN ALL THREE GEARS AND THAT THE LANDING GEAR  
CONTROL HANDLE IS IN THE "DOWN" POSITION. TAG GEAR CONTROL  
LEVER.

\_\_\_\_\_ XXXXX C OPEN NLG FORWARD DOORS.

NOSE LANDING GEAR CHANGE

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MECH: INSP:

- 
- \_\_\_\_\_ XXXXX D AT FILLER VALVE AT TOP OF SHOCK STRUT CYLINDER, RELEASE AIR OR NITROGEN CHARGE FROM SHOCK STRUT BY REMOVING DUST CAP ON CHARGING VALVE AND TURNING UPPER NUT ON VALVE ASSEMBLY THREE TO FOUR TURNS COUNTERCLOCKWISE. REMOVE VALVE.
- \_\_\_\_\_ XXXXX E INSTALL NLG PISTON SUPPORT ASSEMBLY. ADJUST TURNBUCKLE TO REMOVE ANY SLACK IN INSTALLATION.
- \_\_\_\_\_ XXXXX F TURN OFF "C" HYDRAULIC SYSTEM PRESSURE AND TURN ON ELECTRIC POWER.
- \_\_\_\_\_ XXXXX G ON FLIGHT ENGINEER'S OVERHEAD CIRCUIT BREAKER PANEL CB2, ZONE 215, ASSURE THAT THE FOLLOWING CIRCUIT BREAKERS ARE CLOSED:
- PARKING BRAKE NR 1 (G18)  
PARKING BRAKE NR 2 (G22)  
BRAKE PRESSURE INDICATOR (G21)
- \_\_\_\_\_ XXXXX H ON PILOTS CENTER PANEL, ZONE 210, PLACE BRAKE SYSTEM SELECTOR SWITCH IN ALTERNATE SYSTEM "C" POSITION. DEPRESS AND RELEASE PEDALS UNTIL BRAKE PRESSURE IS "0" PSI.
- \_\_\_\_\_ XXXXX I OPEN AND TAG THE FOLLOWING CIRCUIT BREAKERS:
- 1 ON FLIGHT ENGINEER'S OVERHEAD PANEL CB2, ZONE 215:  
NOSE GEAR LT
- CONT (G6)  
LAND (G7)  
TAXI (G8)  
MLG GROUND SENSE (L8)
- 2 ON FLIGHT ENGINEER'S AFT CIRCUIT BREAKER PANEL CB3, ZONE 215, OPEN AND TAG CIRCUIT BREAKER "PROXIMITY SWITCH 3" (M4)
- 3 ON PILOT'S OVERHEAD CIRCUIT BREAKER PANEL CB1, ZONE 210, OPEN AND TAG THE FOLLOWING CIRCUIT BREAKERS:
- PROXIMITY SWITCH POWER NR. 1 (L10)  
DOOR POSITION INDICATOR (L13)  
RAT MANUAL DEPLOY (B14)
- \_\_\_\_\_ XXXXX J REMOVE ROD-TO-DOOR ATTACHING BOLTS FROM LEFT AND RIGHT AFT DOORS. SECURE RODS TO UPPER DRAG BRACE.

NOSE LANDING GEAR CHANGE

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MECH: INSP:

REMOVE ROD-TO-DOOR ATTACHING BOLTS FROM LEFT AND RIGHT FORWARD DOORS.

WARNING: STRUT PRESSURE MUST BE "0" PSI AND VALVE MUST BE REMOVED BEFORE JACKING AIRCRAFT.

XXXXX K JACK AIRCRAFT SO THAT THE LOWER EDGE OF STRUT CYLINDER IS 25 INCHES HIGHER THAN WHEN THE AIRCRAFT WAS RESTING ON TIRES WITH THE STRUT DEFLATED.

XXXXX L DISCONNECT ELECTRICAL CONNECTORS AT REAR OF NOSE WHEEL WELL FS 449 BULKHEAD. CAP OPEN RECEPTACLES.

XXXXX M DISCONNECT HYDRAULIC HOSES AT SUPPORT BRACKET. CAP OPEN HOSES AND BULKHEAD FITTINGS.

XXXXX N INSTALL BUNGEE SPRING TOOL ASSY. AND REMOVE ATTACHING SPRINGS TO UPPER JURY BRACE ASSEMBLY. DISCONNECT SPIRNGS FROM UPPER SPRING FITTINGS AND REMOVE SPRINGS.

XXXXX O USING NLG DRAG BRACE CENTER PIN TOOL SET, DISCONNECT UPPER DRAG BRACE FROM LOWER DRAG BRACE. SECURE UPPER DRAG BRACE OUT OF WORK AREA. PAD AND SECURE LOWER DRAG TO PREVENT DAMAGE TO GEAR AND DRAG BRACE.

XXXXX P OPEN LEFT AND RIGHT ENVIROMENTAL CONTROL SYSTEM (ECS) DOORS. REMOVE DUCT SECTIONS IN THE ECS COMPARTMENTS AS REQUIRED TO GAIN ACCESS TO THE NLG TRUNNION PINS.

XXXXX Q IN THE LEFT ECS COMPARTMENT, DISCONNECT TWO STEERING CABLES AT TURNBUCKLES, REMOVE BOTH CABLE GUIDE PINS AND TRUNNION PULLEY BRACKET. SECURE UPPER ENDS OF DISCONNECTED CABLES WITH SUFFICIENT TENSION TO PREVENT FOULING IN OTHER PARTS OF THE SYSTEM WHEN CABLES ARE SLACK.

XXXXX R PULL STEERING CABLES INTO TRUNNION TUBE, USING MLG CONTROL CABLE TOOL SET OR EQUIVALENT.

5 REMOVE STRUT ASSEMBLY IAW MM 32-21-02

XXXXX A OPERATE NLG REMOVAL AND INSTALLATION FIXTURE TO REMOVE WEIGHT OF GEAR FROM AIRCRAFT TO REDUCE TRUNNION PIN SIDE LOADS TO A MINIMUM.

XXXXX B REMOVE LEFT AND RIGHT TRUNNION PIN NUTS AND WASHERS.

NOSE LANDING GEAR CHANGE

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MECH: INSP:

- 
- \_\_\_\_\_ XXXXX C REMOVE TRUNNION PIN-TO-TRUNNION TUBE CROSSBOLTS.
- \_\_\_\_\_ XXXXX D USING NLG TRUNNION PIN REPLACEMENT TOOL SET, REMOVE LEFT AND RIGHT TRUNNION PINS.
- \_\_\_\_\_ XXXXX E MOVE NLG FORWARD TO CLEAR BEARINGS, THEN LOWER NLG AND MOVE CLEAR OF AIRCRAFT.
- \_\_\_\_\_ XXXXX F REMOVE NLG PISTON SUPPORT ASSEMBLY.
- 6 REMOVE UPPER DRAG BRACE IAW MM 32-21-03.
- \_\_\_\_\_ XXXXX A DISCONNECT LEFT AND RIGHT FORWARD DOOR LINKS FROM UPPER DRAG BRACE AND DOOR ASSEMBLIES.
- \_\_\_\_\_ XXXXX B DISCONNECT LEFT AND RIGHT AFT DOOR LINKS FROM UPPER DRAG BRACE.
- \_\_\_\_\_ XXXXX C INSTALL NLG DRAG BRACE HOIST ADAPTER AND PORTABLE HOIST OR EQUIVALENT. CONNECT UPPER DRAG BRACE TO HOIST CABLE WITH NYLON STRAP SLING SECURED TO THE DRAG BRACE.
- \_\_\_\_\_ XXXXX D REMOVE LEFT AND RIGHT TRUNNION PIN RETAINING BOLTS.
- \_\_\_\_\_ XXXXX E REMOVE LEFT AND RIGHT UPPER DRAG BRACE TRUNNION PINS.
- \_\_\_\_\_ XXXXX F LOWER AND REMOVE UPPER DRAG BRACE.
- \_\_\_\_\_ \_\_\_\_\_ G (RII) CLEAN NLG ATTACH POINTS AND AREA. CALL INSPECTOR TO INSPECT ATTACH POINTS AND AREA INCLUDING TRUNION PIN BEARINGS. REPLACE BEARINGS IF UNSERVICEABLE IAW MM32-21-11.
- 7 INSTALL UPPER DRAG BRACE IAW MM 32-21-03.
- \_\_\_\_\_ XXXXX A VERIFY THAT THE FOLLOWING HAS BEEN ACCOMPLISHED:
- 1 CHOCKS WITH CHAIN BINDERS INSTALLED ON BOTH MAIN GEARS.
- 2 ALL DOWN-LOCKS SAFETY PINS INSTALLED.
- 3 LANDING GEAR CONTROL LEVER TAGGED AGAINST MOVEMENT.
- \_\_\_\_\_ XXXXX B CLEAN LEFT AND RIGHT UPPER DRAG BRACE TRUNNION BEARINGS AND TRUNNION PIN BUSHINGS WITH DRY CLEANING SOLVENT.
- \_\_\_\_\_ XXXXX C COAT THE "ID" OF TRUNNION PIN BUSHINGS AND TRUNNION BEARINGS

NOSE LANDING GEAR CHANGE

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MECH: INSP:

WITH GREASE. COAT "OD" OF LEFT AND RIGHT TRUNNION PINS WITH GREASE.

XXXXX D RAISE UPPER DRAG BRACE INTO POSITION WITH AFT DOOR ROD ATTACHMENT LUGS FACING FORWARD AND TRUNNION PIN BUSHINGS ALIGNED WITH TRUNNION BEARINGS.

XXXXX E INSTALL LEFT AND RIGHT TRUNNION PINS WITH HEADS INBOARD.

F COAT LEFT AND RIGHT TRUNNION PIN RETAINING BOLTS WITH LOW ADHESION SEALING COMPOUND AND INSTALL THROUGH DRAG BRACE AND TRUNNION PIN. INSTALL NUTS, WASHERS, AND COTTER PINS.

8 INSTALL NLG STRUT ASSEMBLY IAW MM 32-21-02

XXXXX A POSITION REPLACEMENT NLG ASSEMBLY ON FIXTURE WITH SHOCK STRUT DEFLATED, VALVE REMOVED AND PISTON SUPPORT ASSEMBLY INSTALLED. (CCN 3250316). ASSURE STRUT IS FULL OF OIL.

WARNING: ALWAYS USE A RESPIRATOR WHEN PERFORMING SPRAY APPLICATIONS. DO NOT APPLY DINITROL TO FIBERGLASS DUCTS, OXYGEN SYSTEMS, BEARINGS, INSULATION, PLUMBING OR ANY AREA WHERE THE TEMPERATURE NORMALLY EXCEEDS 220 DEGREES F TO PREVENT FIRE HAZARD.

CAUTION: SURFACE MUST BE CLEAN AND DRY PRIOR TO DINITROL APPLICATION. TO PREVENT DAMAGE, DO NOT APPLY DINITROL ON CABLES, PULLEYS, WIRING, OR PLASTICS. DRAIN HOLES AND GAPS MUST BE CLEAR.

XXXXX B COAT "OD" OF STABILIZER PINS WITH GREASE. ASSURE "ID" HAS BEEN SPRAYED WITH AV30.

XXXXX C MOVE NLG INTO POSITION WITH STABILIZER PINS FACING AFT. STABILIZER PINS UST ENGAGE FS 449 BULKHEAD BUSHINGS AND TRUNNION TUBE MUST BE ALIGNED WITH BEARINGS TO INSTALL TRUNNION PINS.

CAUTION: ASSURE BULKHEAD BUSHING AND RETAINING WASHERS AND SNAP RINGS ARE PROPERLY INSTALLED BEFORE INSTALLING NOSE GEAR.

NOTE: WHEN THREADING STEERING FEEDBACK CABLES THROUGH, TRUNNION CABLES MUST NOT BE PERMITTED TO CROSS.

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MECH: INSP:

D THREAD STEERING CABLES THROUGH LEFT TRUNNION BEARING,  
ENSURING THAT CABLES ARE ROUTED AS FOLLOWS:

\_\_\_\_\_ XXXXX 1 LEFT HAND THREADED CABLE FITTING GOES UP LEFT STRUT TO  
FORWARD TRUNNION PULLEY.

\_\_\_\_\_ XXXXX 2 RIGHT HAND THREADED CABLE FITTING GOES UP RIGHT STRUT TO  
AFT TRUNNION PULLEY.

\_\_\_\_\_ XXXXX E COAT TRUNNION PINS WITH GREASE AND INSTALL. IF REQUIRED,  
USE TRUNION PIN REPLACEMENT TOOL.

\_\_\_\_\_ XXXXX F POSITION TRUNNION PINS SO THAT THE CROSSBOLT HOLES ARE IN  
ALIGNMENT.

\_\_\_\_\_ \_\_\_\_\_ G VERIFY THAT STEERING CABLES ARE BENEATH LEFT CROSSBOLT HOLES  
AND INSTALL CROSSBOLTS. SECURE CROSSBOLTS WITH WASHERS AND  
NUTS. SAFETY NUTS WITH COTTER PINS.

\_\_\_\_\_ XXXXX H COAT TRUNNION PIN THREADS WITH LOW ADHESION SEALING  
COMPOUND. INSTALL TRUNNION PIN WASHERS AND NUTS. DO NOT  
TIGHTEN.

\_\_\_\_\_ \_\_\_\_\_ I (RII) TIGHTEN THE LEFT TRUNNION PIN NUT UNTIL ALL CLEARANCE  
IS REMOVED BETWEEN THE WASHER AND THE SPHERICAL BEARING AND  
BETWEEN THE BEARING AND TRUNNION TUBE. BACK OFF NUT TO  
ALLOW A 0.005 TO 0.030 INCH GAP BETWEEN THE NUT AND THE  
WASHERS. SAFETY WASHER TO NUT WITH LOCKWIRE IN TWO PLACES  
TO PREVENT ROTATION IN EITHER DIRECTION. CALL INSPECTOR.

\_\_\_\_\_ \_\_\_\_\_ J (RII) TIGHTEN THE RIGHT TRUNION PIN NUT UNTIL ALL CLEARANCE  
IS REMOVED BETWEEN THE WASHER AND THE SPHERICAL BEARING.  
BACKOFF NUT TO ALLOW AN 0.050 TO 0.090 INCH GAP BETWEEN THE  
NUT AND THE WASHER. SAFETY WASHER TO NUT WITH LOCKWIRE IN  
TWO PLACES TO PREVENT ROTATION IN EITHER DIRECTION. CALL  
INSPECTOR.

9 COMPLETION PROCEDURES

\_\_\_\_\_ XXXXX A COAT "ID" OF DRAG BRACE CENTER PIN BUSHING AND "OD" OF  
CENTER PIN WITH GREASE.

\_\_\_\_\_ XXXXX B SWING LOWER END OF UPPER DRAG BRACE AFT TO ALIGN CENTER PIN  
BUSHING WITH LOWER DRAG BRACE BEARING.

\_\_\_\_\_ \_\_\_\_\_ C INSTALL CENTER PIN, CAPS, RETAINING BOLT, WASHER, NUT AND

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MECH: INSP:

COTTERPIN.

NOTE: STEERING CABLES MUST NOT CROSS IN TRUNNION OR WHEN EXITING TRUNNION TO PULLEY.

D INSTALL STEERING CABLE TRUNNION PULLEY BRACKET AND ROUTE CABLES AS FOLLOWS:

\_\_\_\_\_ XXXXX 1 LEFT HAND THREADED CABLE FITTING GOES AROUND THE FORWARD PULLEY UP TO TURNBUCKLE AT WL 165.5.

\_\_\_\_\_ XXXXX 2 RIGHT HAND TRHEADED CABLE FITTING GOES AROUND THE AFT PULLEY UP TO TURNBUCKLE AT WL 181.5.

3 INSTALL CABLE GUIDE PINS.

\_\_\_\_\_ \_\_\_\_\_ E (RII) CONNECT STEERING CABLES AS PER MM 32-51-00 AND CALL INSPECTOR FOR INSTALLATION AND SAFETY OF CABLES.

\_\_\_\_\_ XXXXX F REMOVE TAGS AND CONNECT ELECTRICAL CONNECTORS AT REAR OF NOSE WHEEL WELL, FS 449 BULKHEAD.

\_\_\_\_\_ XXXXX G REMOVE CAPS FROM HOSES AND BULKHEAD FITTINGS AND CONNECT HYDRAULIC HOSES AT SUPPORT BRACKET.

\_\_\_\_\_ \_\_\_\_\_ H CONNECT JURY BRACE SPRINGS TO UPPER JURY BRACE ASSEMBLY AND UPPER SPRING FITTINGS. REMOVE BUNGEE SPRING TOOL. SAFETY NUTS WITH COTTER PNS.

\_\_\_\_\_ XXXXX I REMOVE NLG PISTON SUPPORT ASSEMBLY.

\_\_\_\_\_ XXXXX J LOWER REMOVAL AND INSTALLATION FIXTURE UNTIL CLEAR OF NLG AND REMOVE FIXTURE.

\_\_\_\_\_ XXXXX K INSTALL SCHRADER VALVE IN STRUT AND INFLATE STRUT TO 200 PSI WITH DRY NITROGEN.

\_\_\_\_\_ XXXXX L VERIFY THAT THE FOLLOWING HAS BEEN ACCOMPLISHED PRIOR TO PRESSURIZING HYDRAULIC SYSTEM:

1 LANDING GEAR DOWLOCK SAFETY PINS AND DOOR SAFETY DEVICES ARE INSTALLED.

2 PERSONNEL AND GROUND EQUIPMENT ARE CLEAR OF ALL FLIGHT CONTROL SURFACES AND GEAR DOOR TRAVEL AREAS.

NOSE LANDING GEAR CHANGE

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3 AFFECTED HYDRAULIC SYSTEMS ARE IN A CONDITION TO ACCEPT HYDRAULIC PRESSURE.

XXXXXX M TURN ON "C" HYDRAULIC SYSTEM PRESSURE.

XXXXXX N BLEED NLG RETRACT ACTUATOR BY OPENING BLEED VALVES AT TOP AND BOTTOM OF ACTUATOR ASSEMBLY.

XXXXXX O CLEAR AREA AROUND NLG IN PREPERATION FOR EXTENSION AND RETRACTION TEST.

P CHECK AND ADJUST GEAR PROXIMITY SENSORS AS NECESSARY.

1 UNLOCK SENSOR (MM 32-61-05)

2 DOWNLOCK SENSOR (MM 32-61-05)

3 DOOR UP POSITION SENSOR (MM 32-61-06)

4 AIR/GROUND SENSING (MM 32-63-00)

Q CHECK ADJUSTMENT AND OPERATION OF NLG TAXI LIGHT. MM 33-43-00.

R (RII) OPERATE NLG ONLY AND AT REDUCED HYDRAULIC PRESSURE AND FLOW IN ORDER TO CHECK FOR BINDING AND/OR INTERFERENCE. CALL INSPECTOR TO CHECK GEAR CLEARANCES AND OPERATION.

S REPLACE LEFT AND RIGHT FWD DOOR RODS WITH SERVICEABLE ONES AND ATTACH TO UPPER DRAG BRACE AND DOOR ASSEMBLIES. ROUTE REPLACED DOOR RODS WITH LANDING GEAR FOR OVERHAUL.

NOTE: THE NLG LEFT AND RIGHT DOOR RODS ARE THE SAME HT LIMIT AS THE GEAR ASSEMBLY. THEREFORE ANY DOOR ROD INSTALLED MUST HAVE A LIFE GREATER OR EQUAL TO THE NOSE GEAR ASSEMBLY IT IS ATTACHED TO.

T CONNECT LEFT AND RIGHT FORWARD DOOR LINKS. SAFETY PIN RETAINING BOLT WITH LOCKWIRE.

XXXXXX U INSTALL DUCTING IN LEFT AND RIGH ECS COMPARTMENTS THAT WAS REMOVED TO GAIN ACCESS TO TRUNNION PINS.

XXXXXX V TURN OFF "C" SYSTEM HYDRAULIC PRESSURE.

XXXXXX W LUBRICATE ALL JOINTS AS REQUIRED. REMOVE TAGS AND CLOSE

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OPENED CIRCUIT BREAKERS.

\_\_\_\_\_ X (RII) PERFORM NOSE GEAR STEERING SYSTEM ADJUSTMENT AND TEST AND LEAK CHECK IAW MM 32-51-00.

\_\_\_\_\_ XXXXX Y CONNECT DOOR RODS TO FORWARD AND AFT DOORS. CLOSE AND LOCK THE TWO FORWARD NLG DOORS.

\_\_\_\_\_ Z (RII) PERFORM NORMAL EXTENSION AND RETRACTION TEST OF NLG AND OF NLG DOORS. CALL INSPECTOR TO CHECK OPERATION AND DOOR FIT.

NOTE: GEAR WILL NOT RETRACT IF LEFT OR RIGHT MLG INBD DOOR RELEASE HANDLE ARE IN THE OPEN POSITION AND DOORS ARE OPEN.

\_\_\_\_\_ AA (RII) PERFORM LANDING GEAR ALTERNATE MECHANICAL EXTENSION. CALL INSPECTOR.

\_\_\_\_\_ BB (RII) PERFORM LANDING GEAR ALTERNATE HYDRAULIC EXTENSION. CALL INSPECTOR.

\_\_\_\_\_ CC (RII) CALL INSPECTOR TO CHECK FINAL INSTALLATION, SAFETY AND LEAK CHECK OF NOSE LANDING GEAR.

\_\_\_\_\_ XXXXX DD LOWER AIRCRAFT AND REMOVE JACKS.

\_\_\_\_\_ XXXXX EE CHECK STRUT SERVICING EXTENSION VS PRESSURE CHART.

\_\_\_\_\_ XXXXX FF VERIFY NLG DOWLOCK SAFETY PINS INSTALLED.

\*\*\*\*\*END OF WORKCARD\*\*\*\*\*