

Appendix D
Detail Checks

Air Midwest, Inc.

Beechcraft 1900D Maintenance Program Manual First Detailed Inspection Procedures Checklist

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AIRCRAFT INFORMATION		
A/C S/N	DATE	W/O #
FHM	TOTAL TIME	CYCLES

FORMS REQUIRED
<ol style="list-style-type: none">1. First DETAILED Inspection Form #260.002.2. Aircraft Maintenance Record.3. Routine Inspection Form #260.001 must be accomplished in conjunction with this Detailed Inspection to comply with Continuous Inspection Regulations.

REFERENCE MATERIAL
<ol style="list-style-type: none">1. Beechcraft 1900D Airliner Wiring Diagrams Manual.2. Beechcraft 1900D Airliner Maintenance Manual.3. Beechcraft 1900 Airliner Series Component Maintenance Manual. <p>* BE = Beechcraft 1900D Airliner Maintenance Manual, as revised and current airworthiness directives.</p> <p>* PWC = Pratt and Whitney Canada PT6A-67D Maintenance Manual, as revised and current airworthiness directives.</p>

INSPECTION PROCEDURES
<ol style="list-style-type: none">1. Fill out the headings on each form in its entirety.2. When each item is inspected, the responsible person will make entries as required and will stamp in the space provided in the right hand column.3. List all discrepancies found on the Aircraft Maintenance Record form.4. Each discrepancy is to be stamped off by the mechanic, if it is an RII item then the inspector must also inspect the completed work and stamp off the discrepancy when the work is approved.5. Any maintenance task not applicable, should be marked N/A by the mechanic or inspector. Any space which is shaded is not required to be stamped.

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PANEL NUMBER	DESCRIPTION	STAMP	
REMOVE THE FOLLOWING LEFT WING ACCESS PANELS			
		Mech	Insp
511	Pneumatic plumbing valve, environmental system & check valve, engine control cables, bleed air plumbing, air condition, plumbing hydraulic plumbing electrical wiring (ref. Figure 1).		
511AT	ACM, environmental system equip, hydraulic power pack, deice plumbing. (ref. Figure 1)		
531AT	Fuel filter and shutoff valve. (ref. Figure 1)		
511AB	ACM, hydraulic power pack, bleed air plumbing, valves. (ref. Figure 1)		
512BB	Fuel pump, float switch, fuel drain valve, water drain valve, flight control cables. (ref. Figure 1)		
512DB	Flight control cables, flap drive shaft. (ref. Figure 1)		
512FB	Flap actuator, flight control cables. (ref. Figure 1)		
512HB	Flight control cables & turnbuckle, flap drive shaft. (ref. Figure 1)		
512JB	Flight control cables & turnbuckle, flap drive shaft. (ref. Figure 1)		
531AB	Fuel filter & drain, transfer jet pump, fuel plumbing, fuel low valve sensor, deice plumbing. (ref. Figure 1)		
532AB	Fuel probe, electric boost pump, jet transfer pump, main tank jet pump, fuel manifold fuel strainer. (ref. Figure 1)		
532HB	Flight control cables, flap drive shaft. (ref. Figure 1)		

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PANEL NUMBER	DESCRIPTION	STAMP	
REMOVE THE FOLLOWING LEFT WING ACCESS PANELS			
		Mech	Insp
532IB	Flap actuator, flight control cables. (ref. Figure 1)		
542JB	Fuel tank vent, check valves, fuel plumbing. (ref. Figure 1)		
REMOVE THE LEFT NACELLE/COWLING ACCESS PANEL			
413L	Left plenum panel. (ref. Figure 2)		
413R	Right plenum panel. (ref. Figure 2)		
REMOVE THE FOLLOWING RIGHT WING ACCESS PANELS			
611	Pneumatic plumbing and valve, environmental test valve, check valve, 40° OAT limit switch, environmental overtemp sensor, press reg/ shutoff valve & overpressure switch, landing gear and brake plumbing. (ref. Figure 1)		
611AT	Vapor cycle system condenser & blower, hydraulic plumbing, bleed air plumbing. (ref. Figure 1)		
612BT	Fuel filler cap. (ref. Figure 1)		
631AT	Fuel filter and shut off valve. (ref. Figure 1)		
611AB	Vapor cycle condenser and blower. (ref. Figure 1)		
612BB	Fuel pump, float switch, fuel drain valve, water drain valve, flight control cables. (ref. Figure 1)		
612DB	Flight control cables, flap drive shaft. (ref. Figure 1)		

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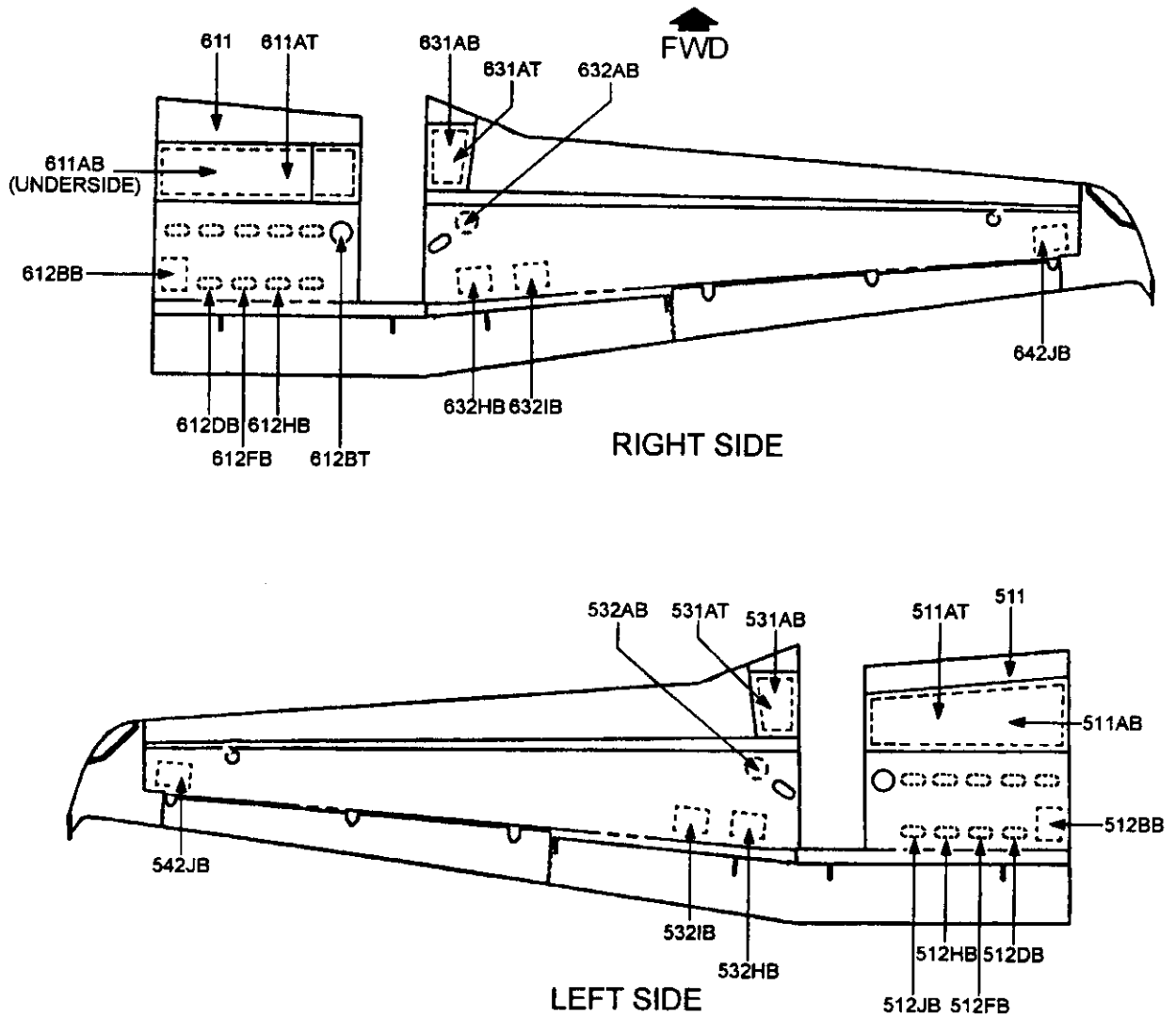
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PANEL NUMBER	DESCRIPTION	STAMP	
REMOVE THE FOLLOWING RIGHT WING ACCESS PANELS			
		Mech	Insp
612FB	Flat actuator, flight control cables (ref. Figure 1)		
612HB	Flight control cables & turnbuckle, flap drive shaft (ref. Figure 1)		
631AB	Fuel filter & drain, transfer jet pump, fuel plumbing, fuel low valve sensor, deice plumbing (ref. Figure 1)		
632AB	Fuel probe, electric boost pump, jet transfer pump, main tank jet pump, fuel manifold fuel strainer (ref. Figure 1)		
632HB	Flight control cables, flap drive shaft (ref. Figure 1)		
632IB	Flap actuator, flight control cables (ref. Figure 1)		
642JB	Fuel tank vent, check valves, fuel plumbing (ref. Figure 1)		
REMOVE THE FOLLOWING RIGHT NACELLE/COWLING ACCESS PANEL			
423L	Left plenum panel (ref. Figure 2)		
423R	Right plenum panel (ref. Figure 2)		

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----- VIEW LOOKING UP AT BOTTOM OF WING
————— VIEW LOOKING DOWN AT TOP OF WING

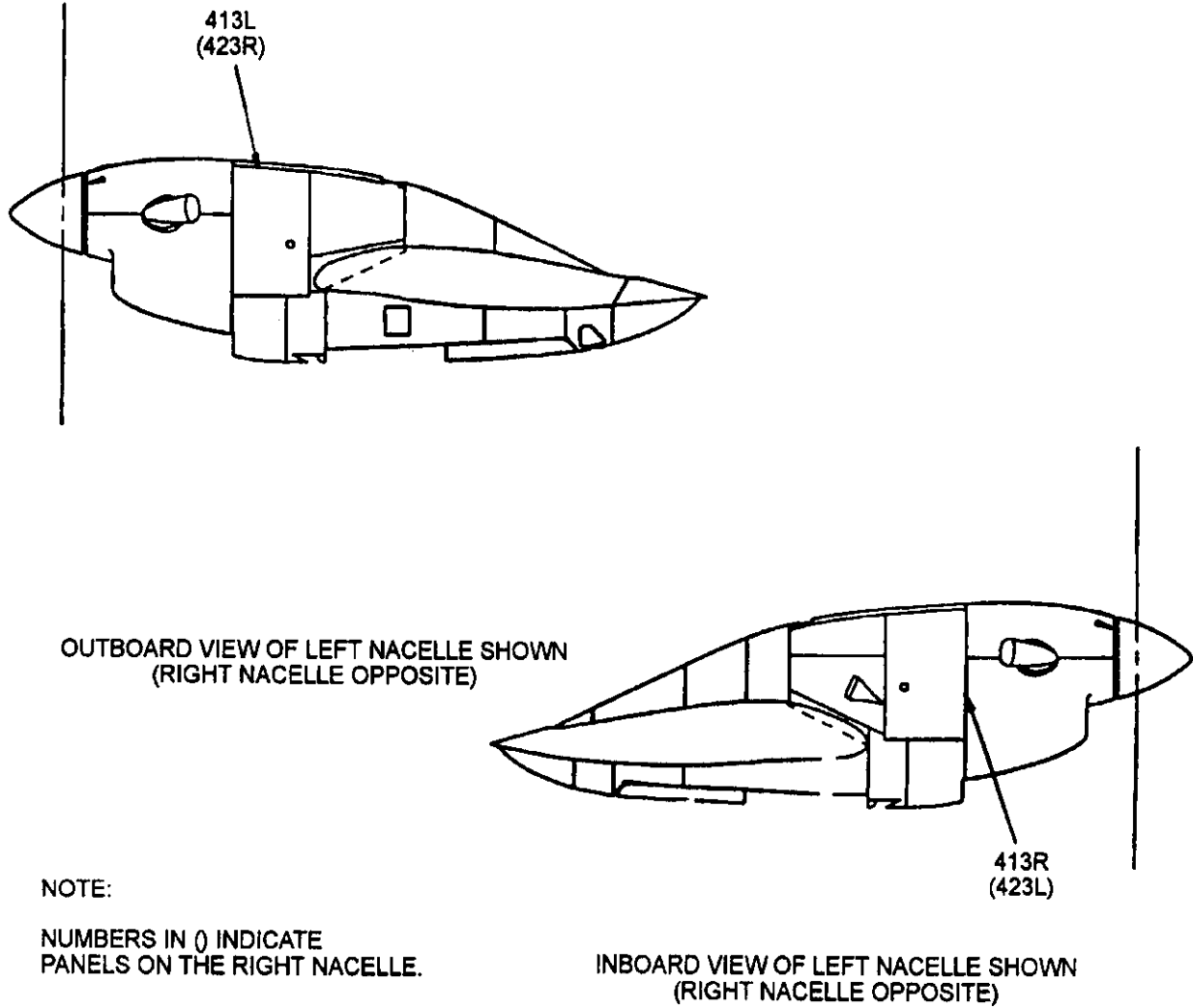
WING ACCESS PANELS
FIGURE 1

000316

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000315

NACELL/COWLING ACCESS PANELS
FIGURE 2

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#	ZONE	DESCRIPTION	STAMP		
WINGS					
1.	611-650 511-550	SKIN: Inspect skin for cracks, dents, corrosion, and loose or missing fasteners. If any damage is found, inspect adjacent structure.	Left	Right	Insp
2.		STRUCTURE: Check for cracks, loose rivets and concealed damage inside all wing inspection areas where access panels have been removed.	Left	Right	Insp
3.	533-543 633-643	AILERONS AND TABS: Inspect skin for cracks or damage and loose or missing rivets. Check ailerons for attachment, freedom of movement, and amount of movement (freeplay). *BE Chapter 27-10-04, AILERON FREE PLAY: LH _____ RH _____ (LIMITS: \pm .03 inch from zero on the travel board). Check aileron trim tab actuator for correct direction of travel, smoothness of travel and attachment. Inspect and record Tab freeplay values AILERON TAB FREE PLAY (LIMITS: See *BE Chapter 27-10-04) _____	Left	Right	Insp
			Left	Right	Insp
			Left	Right	Insp
			Mech		Insp
			Left	Right	Insp
4.		FLIGHT CONTROL COMPONENTS, CABLES AND PULLEYS: Inspect control system components (pushrods, turnbuckles, end fittings, castings, ect.) for bulges, splits bends, or cracks. Check control cables, pulleys, and associated equipment for cracks, breaks, wear, attachment, alignment, clearance, and correct direction of travel. Replace cables that have evidence of corrosion or more than 3 broken wires in any given 3 foot length of cable. Refer to *BE Chapter 20-04-00.	Left	Right	Insp
			Left	Right	Insp

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#	ZONE	DESCRIPTION	STAMP		
WINGS					
5.	512,550 612,650	FUEL VALVE, ANTISIPHON: Check for condition and operation.	Left	Right	Insp
6.		Inspect and record aileron cable tensions *BE Chapter 27-10-03 and 27-10-07. Temperature _____ °F. 3/16" aileron cable tension LH _____ RH _____ 1/16" aileron trim tab cable tension _____	Left	Right	Insp
7.	513 533 613 633	FLAPS AND ACTUATORS: Inspect flap drive and actuator for wear and attachment. Inspect flap travel limit switches (Rt. Wing, Aft. INBD top of wing). Inspect flap switches wiring, hardware, cams and rollers in flap covers. Inspect skin and structure for cracks, dents, corrosion and loose or missing rivets. Inspect flap roller brackets, flap tracks, roller bearings and attachment hardware. Reference *BE Chapter 27-50-00 for flap roller bracket check and 27-50-02 for flap track wear limits.	Left	Right	Insp
			Left	Right	Insp
8.		FUEL TANKS, VENTS, VALVES AND PUMPS Inspect fuel bay access panels for leaks and plugged or obstructed vents. Check the heated vent for operation (warm to touch) and deterioration. Check pumps, drain valves, firewall shutoff valves and fuel low pressure switch for security of attachment.	Left	Right	Insp
			Left	Right	Insp
			Left	Right	Insp
9.	512 550 612 650	FUEL FILLER CAPS Check for damage, corrosion, and leaks. Check locking mechanism for proper operation.	Left	Right	Insp
			Left	Right	Insp

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#	ZONE	DESCRIPTION	STAMP		
			Left	Right	Insp
FORWARD RIGHT HAND CENTER SECTION					
10.	521 621 522 622	LEADING EDGE AND NACELLE PLUMBING AND WIRING: Visually inspect plumbing for damage, security and leaks. Check wiring for chafing and security of attachment.	Left	Right	Insp
			Left	Right	Insp
11.	511	AIR CYCLE MACHINE Change the air cycle machine oil, refer to *BE Chapter 21-51-00. After the oil is changed, visually check the bypass valves for operation of the actuator motor. Check for security of mounting and obstructions of ambient air flow. Reference, *BE Chapter 21-51-01.	Mech		Insp
			Mech		Insp
			Mech		Insp
12.	511	AIR CYCLE MACHINE FOG NOZZLE AND FILTER: Clean the air cycle machine fog nozzle and filter, ref. *BE Chapter 21-51-02, per Service Bulletin 2669.	Mech		
13.	511	HYDRAULIC POWER PACK FILTER AND SCREENS: Clean or replace as instructed in *BE Chapter 32-30-00.	Mech		Insp
14.	511	POWER PACK: HYDRAULIC SYSTEM BLEED AIR FILTER: Clean as instructed in *BE Chapter 32-30-00.	Mech		
15.	500,600 730,740	PLUMBING: Visually check for leaks, chafing or damage and attachment.	Left	Right	Insp
16.	541 511 611 641	DEICER BOOTS: Visually check deicer boots for cracks, gaps, damage and attachment. Inspect deicer boot edge sealant for looseness, gaps, and damage.	Left	Right	Insp

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#	ZONE	DESCRIPTION	STAMP	
FORWARD RIGHT HAND CENTER SECTION				
1.	611	STRUCTURE: Check for cracks, corrosion, and loose or missing fasteners.	Mech	Insp
2.	611	PLUMBING AND WIRING: Visually check for leaks, chafing or damage and attachment.	Mech	Insp
3.	253	EXTERNAL POWER: Check the external power relay for operation (rotate the voltmeter select switch to the EXT PWR position and check for external power voltage).	Mech	Insp
4.	611	AIR CONDITIONING CONDENSER AND BLOWER: Check the condenser, blower and associated plumbing for leaks, damage and security of attachment.	Mech	Insp
5.		Inspect the inlet guard for security and for broken strands.	Mech	Insp
6.		Inspect the impeller for security to the shaft and ease of rotation.	Mech	Insp
7.		Inspect the standoffs for security and tightness.	Mech	Insp
8.		Inspect the guide vanes in the blower housing assembly for cracking and security of attachment.	Mech	Insp

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#	ZONE	DESCRIPTION	STAMP		
POWERPLANT					
1.	410 420	IGNITER PLUGS: Inspect and clean as instructed in *PWC Chapter 74-26-61 or *BE Chapter 74-00-00.	Left	Right	Insp
2.	410 420	OIL FILTER: Inspect the oil filter for metal particles as described in the *PWC Chapter 79-20-02.	Left	Right	Insp
3.	410 420	MAGNETIC CHIP DETECTOR: Inspect and clean chip detector, per *BE Chapter 79-30-00.	Left	Right	Insp
4.		FIRE LOOP CLAMPS: Inspect fire loop clamps.	Left	Right	Insp
5.	410 420	STARTER GENERATOR: Inspect brushes, per *BE Chapter 24.	Left	Right	
6.	410 420	LOW PITCH SOLENOID: Clean and inspect, per P&W and Beech Maintenance Manual.	Left	Right	Insp
7.		INLET ICE VANE DOORS: Inspect actuating rod and hardware for installation and security.	Left	Right	Rll
8.		Inspect second stage PT blades, IAW S.I.L. PT6A-075.	Left	Right	Insp
9.		COWLINGS: Clean and inspect. Check latches, check for loose and working rivets. Ensure cowlings are properly installed and safetied, as required.	Left	Right	Rll

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#	ZONE	DESCRIPTION	STAMP	
GENERAL SERVICE ITEMS				
A.		RUDDER TRIM TAB: Lube with LPS-2 (ref. Figure 2A).	Mech	
B.		FLAP LIMIT SWITCH LINK: Lubricate with LPS-2 (ref. Figure 2B).	Mech	
C.		FLAP TRACKS: Lubricate with Lubriplate Aero or Lubriplate 130AA (ref. Figure 2B).	Mech	
D.		AILERON TRIM TAB ACTUATOR: Lubricate with Aeroshell #7 (ref. Figure 2B).	Mech	
E.		AILERON TRIM TAB HINGE: Lubricate with LPS-2 (ref. Figure 2B).	Mech	
F.		AVIONICS COMPARTMENT DOOR HINGE: Lubricate with LPS-2 (ref. Figure 2C).	Mech	
G.		CABIN AIR STAIR DOOR HINGE: Lubricate with LPS-2 (ref. Figure 2D).	Mech	
H.		CABIN AIR STAIR DOOR CAM LIP: Lubricate 8 places with Door Ease (ref. Figure 2D).	Mech	
I.		CARGO DOOR CAM LOCKS: Lubricate with Door Ease (ref. Figure 2E).	Mech	
J.		CARGO DOOR HINGE: Lubricate with LPS-2 (ref. Figure 2E)	Mech	
K.		ENGINE CAM BOX CAM PLATE AND PINS: Lubricate with Lubriplate #130AA (ref. Figure 2F).	Left	Right
L.		NOSE GEAR DOOR HINGES AND RETRACT LINKAGE: Lubricate with LPS-2 (ref. Figure 2G).	Mech	
M.		NOSE LANDING GEAR GREASE FITTINGS: Lubricate with Aeroshell #7 (12 places)(ref. Figure 2G).	Mech	
N.		NOSE GEAR UPPER AND LOWER STRUT BEARING: Lubricate with Aeroshell #17 (4 places)(ref. Figure 2G).	Mech	

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#	ZONE	DESCRIPTION	STAMP	
GENERAL SERVICE ITEMS				
O.		NOSE LANDING GEAR STEERING BELLCRANK GREASE FITTING: Lubricate with Aeroshell #7. (ref. Figure 2G)	Mech	
P.		NOSE LANDING GEAR STEERING DISCONNECT CAM: Lubricate with Aeroshell #7. (ref. Figure 2G)	Mech	
Q.		MAIN LANDING GEAR GREASE FITTINGS: Lubricate with Aeroshell #7. (12 places)(ref. Figure 2H)	Left	Right
R.		MAIN LANDING GEAR DOOR HINGES AND LINKAGES: Lubricate with LPS-2. (ref. Figure 2H)	Left	Right
S.		MAIN LANDING GEAR DOOR RETRACT CAM: Lubricate with Aeroshell #7. (ref. Figure 2H)	Left	Right
T.		RUDDER PEDALS: Lubricate with LPS-2. (ref. Figure 2I)	Left	Right
U.		ELEVATOR TRIM TAB HINGE: Lubricate with LPS-2. (ref. Figure 2I)	Mech	
V.		ELEVATOR TRIM TAB ACTUATOR: Lubricate by purging grease with Aeroshell #7. (ref. Figure 2I)	Mech	
1.	212	INSTRUMENT AIR FILTER: Inspect the air filter.	Mech	Insp
2.	153 173	EVAPORATOR FILTER: Replace the evaporator filters as instructed in *BE Chapter 21-52-00.	Mech	Insp
3.	110 241 242 262	PITOT AND STATIC SYSTEM: Open drain valves until all moisture is drained.	Mech	Insp
4.	248	EFIS: Verify operation of EADI and EHSI tube fans as appropriate.	Mech	Insp
5.	812	VACUUM REGULATOR VALVE FILTER: Replace or clean the filter as instructed in *BE Chapter 37-00-00.	Mech	

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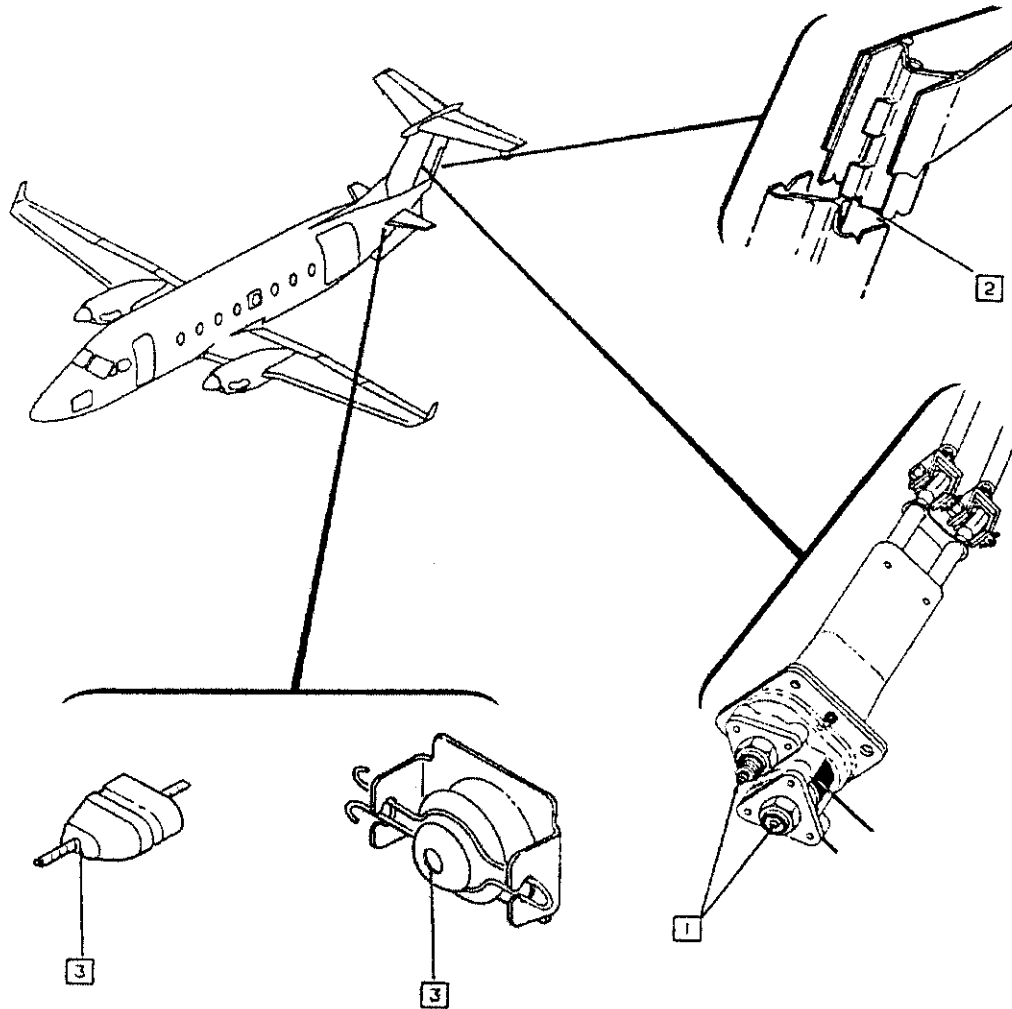
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GENERAL SERVICE ITEMS				
6.		PLACARDS: Verify that all placards are in place and legible, refer to *BE Chapter 11-20-00.	Mech	Insp
7.		LANDING GEAR FLUID: WARNING: Before checking the landing gear fluid level, the pressure must be released from the system by activating the manual bleed valve and relieving the pressure as instructed in *BE Chapter 12-10-00. Check the landing gear fluid reservoir for proper level as instructed in *BE Chapter 12-10-00.	Mech	Insp
8.		WING FUEL FILTERS Check pop out pin, if pin is popped, clean filters.	Mech	

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CS101205

Rudder Control System Lubrication (Effectivity: All)

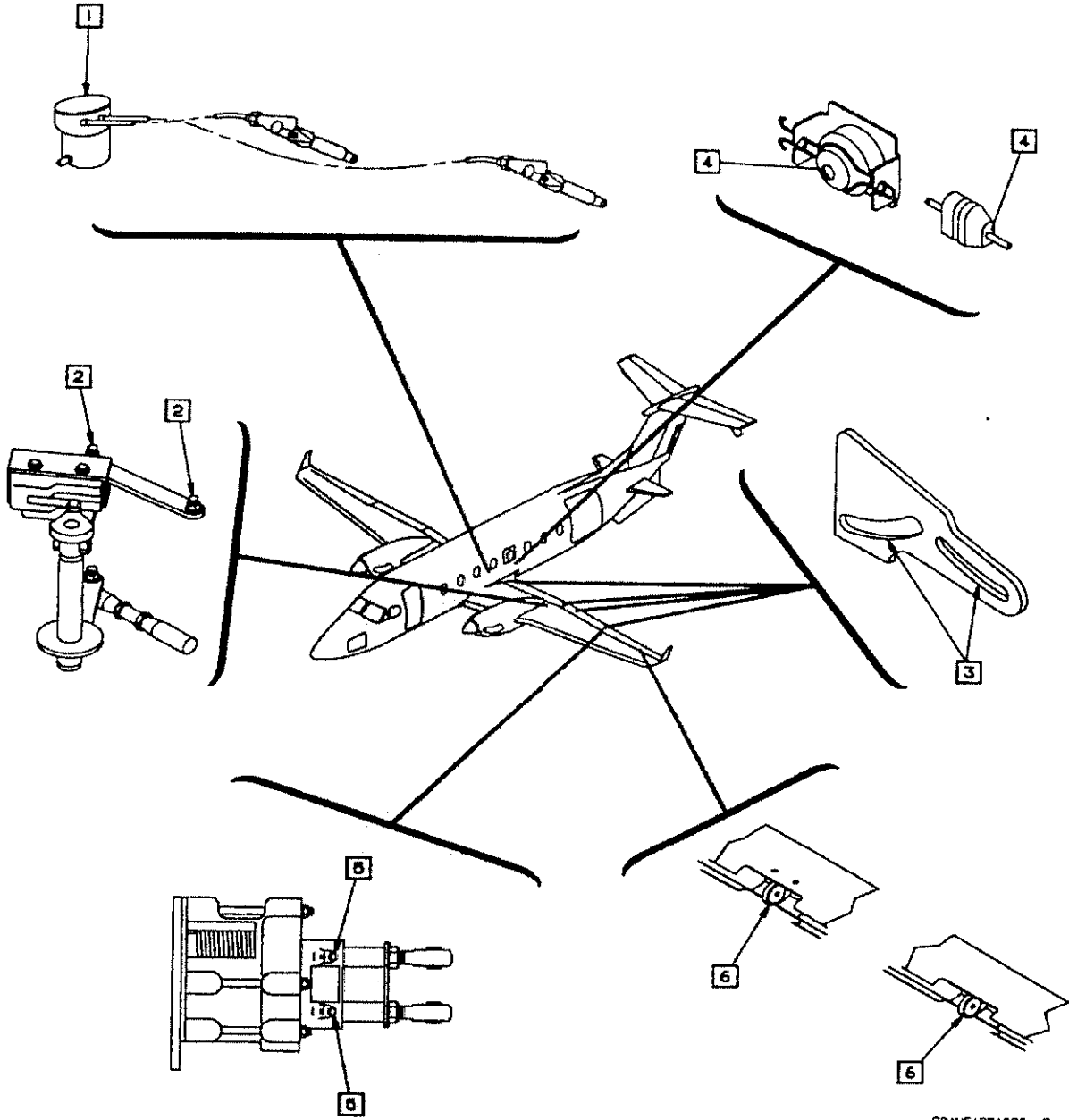
001301

Figure 2A

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C94UE12B1828 C

Flap and Aileron Control System Lubrication (Effectivity: All)

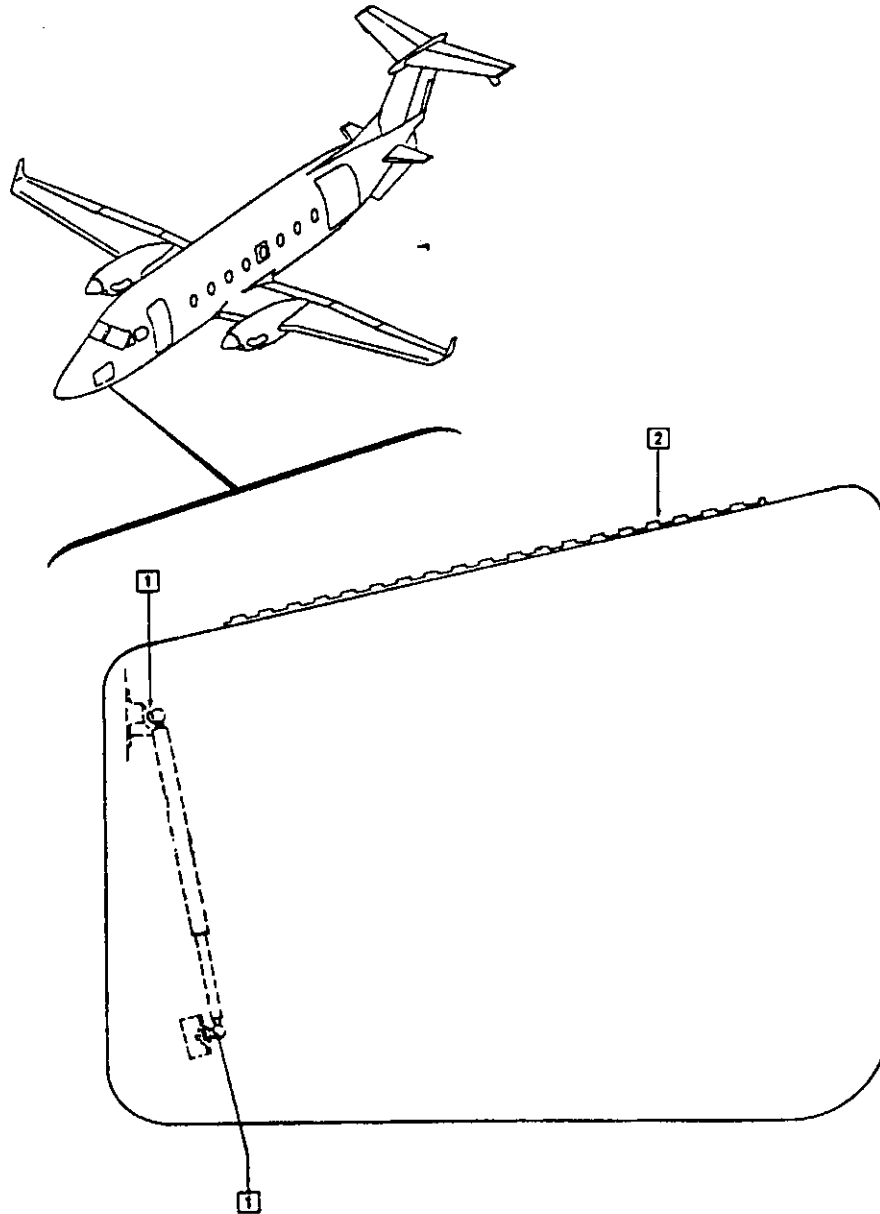
Figure 2B

001302

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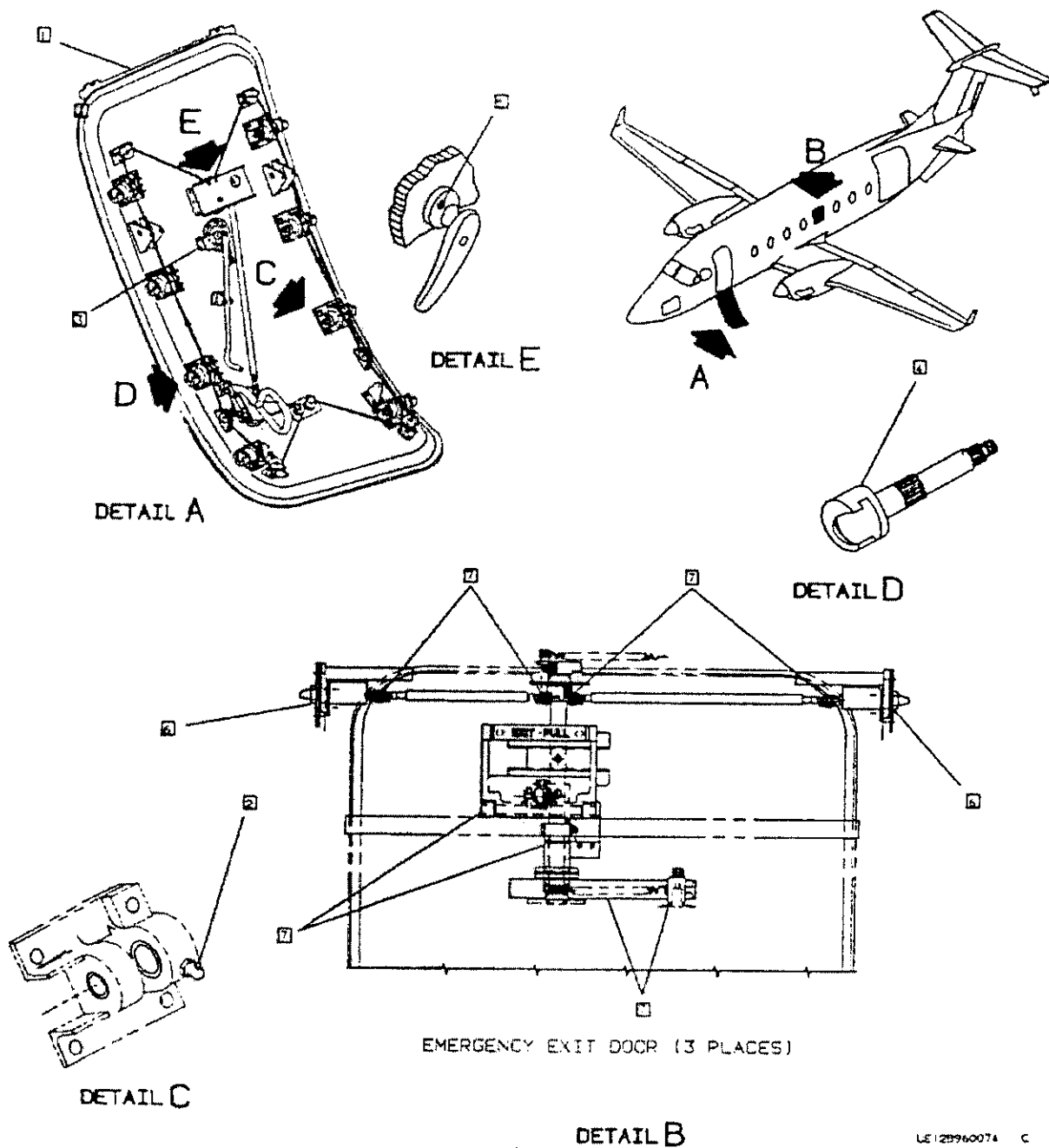


C9101207

Avionics Compartment Door Lubrication (Effectivity: All)

Figure 2C

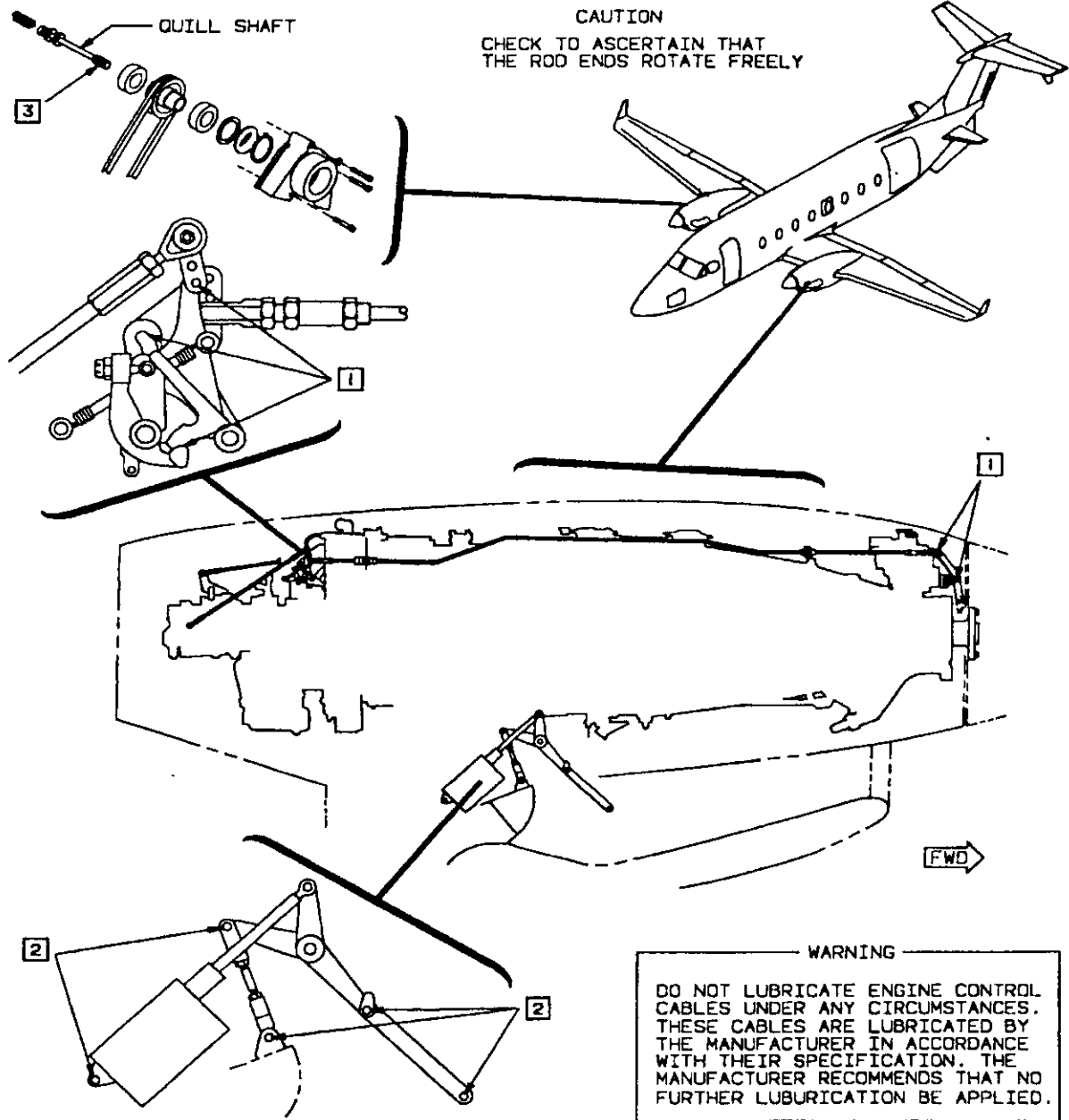
001303



Cabin Air Stair Lubrication (Effectivity: All)

001304

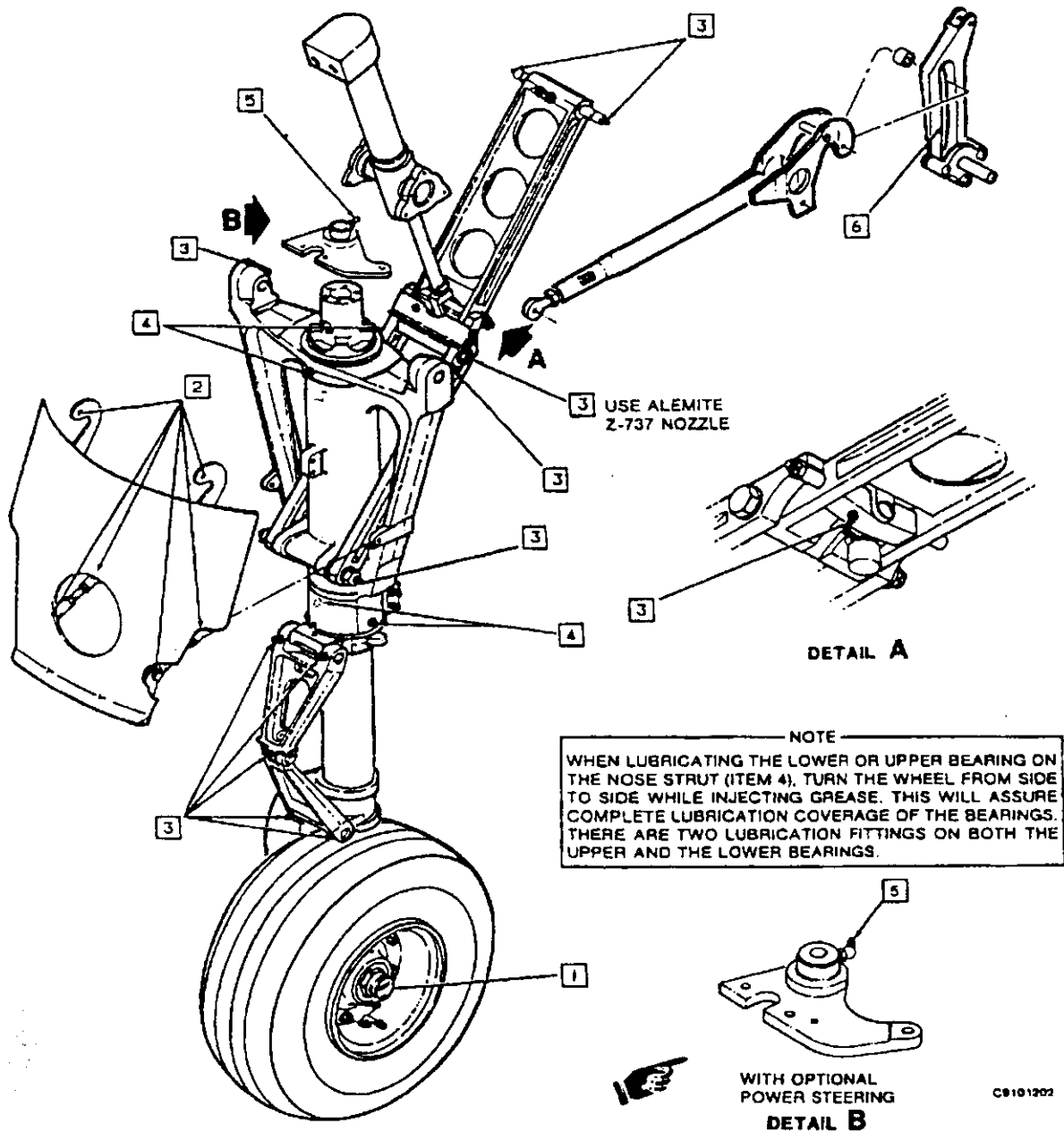
Figure 2D



Nacelle Engine Controls and Inertial Anti-Ice Lubrication
(Effectivity: All)

Figure 2F

001296



Nose Landing Gear Lubrication (Effectivity: All)

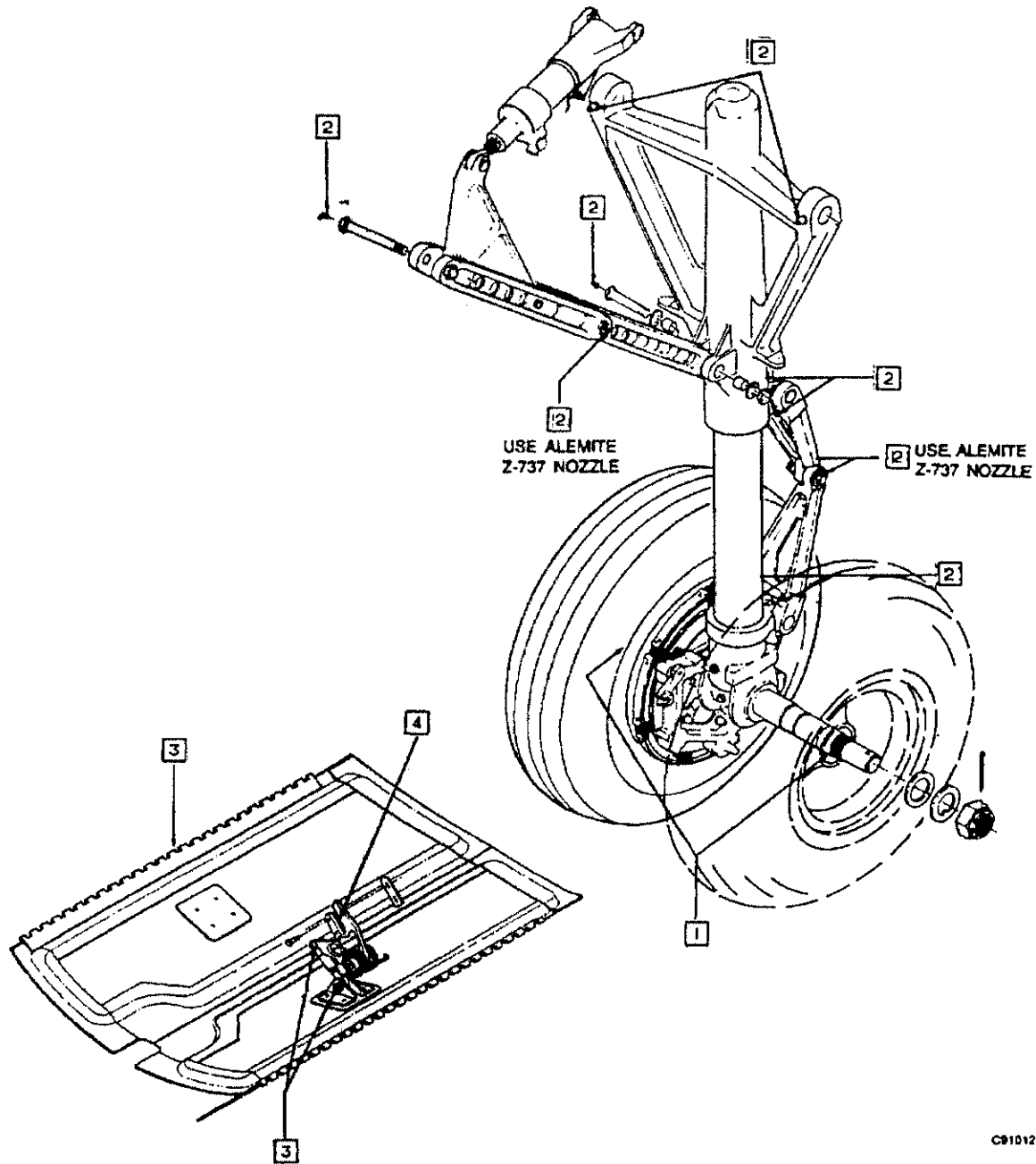
Figure 2G

001298

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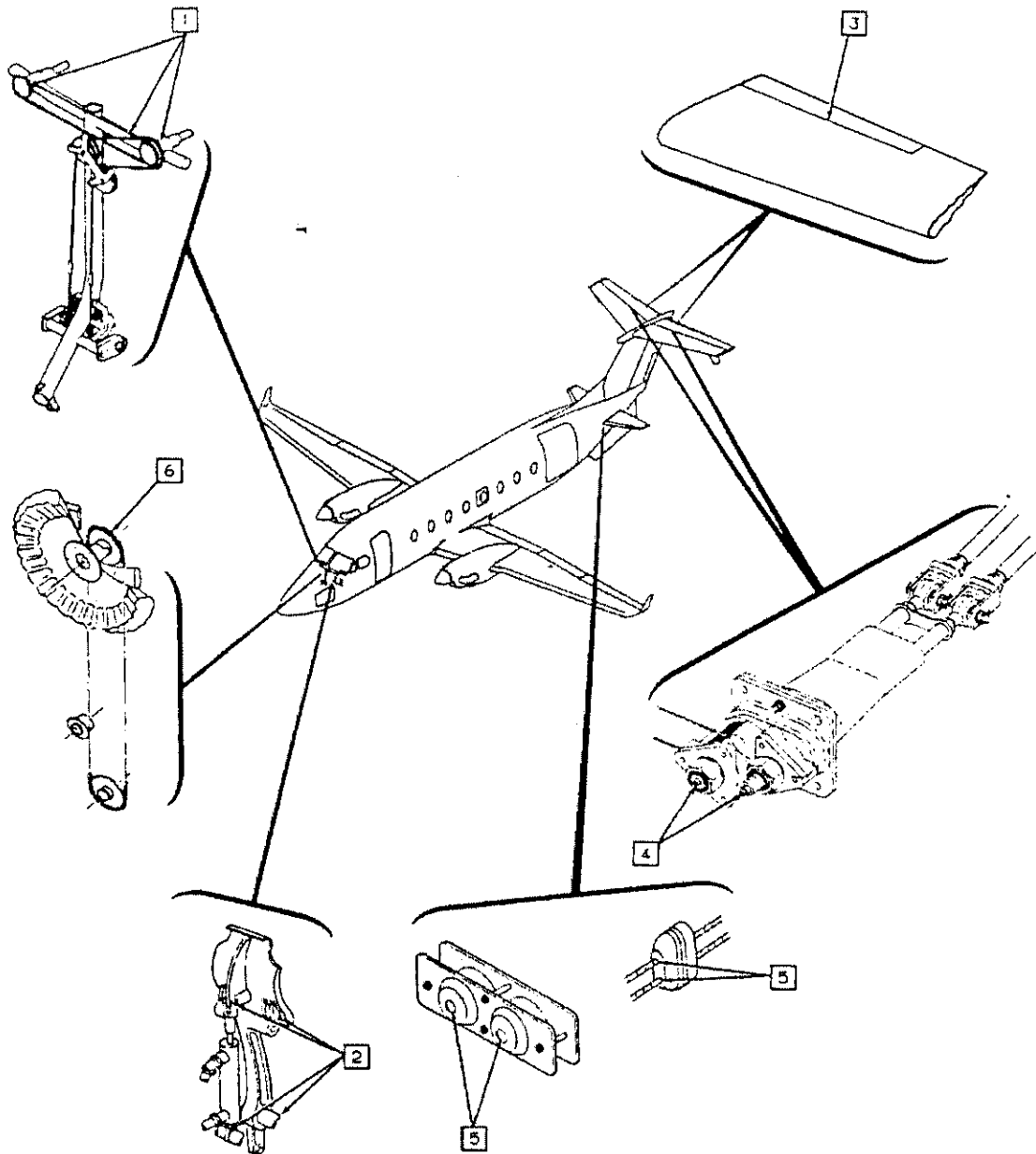


CB101200

Main Landing Gear Lubrication (Effectivity: All)

001299

Figure 2H



C9101204

**Flight Compartment and Elevator Controls Lubrication
(Effectivity: All)**

001300

Figure 21

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PANEL NUMBER	DESCRIPTION	STAMP	
INSTALL THE FOLLOWING LEFT WING ACCESS PANELS			
		Mech	Insp
511	Pneumatic plumbing valve, environmental system & check valve, engine control cables, bleed air plumbing, air conditioning, plumbing hydraulic, plumbing, electric wiring (ref. Figure 1)		
511AT	ACM, environmental system equipment, hydraulic power pack, deice plumbing. (ref. Fig 1)		
531AT	Fuel filter and shutoff valve. (ref. Figure 1)		
511AB	ACM, hydraulic power pack, bleed air plumbing, valves. (ref. Figure 1)		
512BB	Fuel pump, float switch, fuel drain valve, water drain valve, flight control cables. (ref. Figure 1)		
512DB	Flight control cables, flap drive shaft. (ref. Figure 1)		
512FB	Flat actuator, flight control cables. (ref. Figure 1)		
512HB	Flight control cables & turnbuckle, flap drive shaft. (ref. Figure 1)		
512JB	Flight control cables & turnbuckle, flap drive shaft (ref. Figure 1)		
531AB	Fuel filter & drain, transfer jet pump, fuel plumbing, fuel low valve sensor, deice plumbing. (ref. Figure 1)		
532AB	Fuel probe, electric boost pump, jet transfer pump, main tank jet pump, fuel manifold fuel strainer. (ref. Figure 1)		
532HB	Flight control cables, flap drive shaft. (ref. Figure 1)		

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PANEL NUMBER	DESCRIPTION	STAMP	
INSTALL THE FOLLOWING LEFT WING ACCESS PANELS			
		Mech	Insp
532IB	Flap actuator, flight control cables. (ref. Figure 1)		
542JB	Fuel tank vent, check valves, fuel plumbing. (ref. Figure 1)		
INSTALL THE FOLLOWING LEFT NACELLE/COWLING ACCESS PANELS			
413L	Left plenum panel. (ref. Figure 2)		
413R	Right plenum panel. (ref. Figure 2)		
INSTALL THE FOLLOWING RIGHT WING ACCESS PANEL			
611	Pneumatic plumbing and valve, environmental test valve, check valve, 40° OAT limit switch, environmental overtemp sensor, press regulator/shutoff valve & overpress switch, landing gear and brake plumbing. (ref. Figure 1)		
611AT	Vapor cycle system condenser & blower, hydraulic plumbing, bleed air plumbing. (ref. Figure 1)		
612BT	Fuel filler cap. (ref. Figure 1)		
631AT	Fuel filter and shutoff valve. (ref. Figure 1)		
611AB	Vapor cycle condenser and blower. (ref. Figure 1)		
612BB	Fuel pump, float switch, fuel drain valve, water drain valve, flight control cables. (ref. Figure 1)		

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PANEL NUMBER	DESCRIPTION	STAMP	
INSTALL THE FOLLOWING LEFT WING ACCESS PANELS			
		Mech	Insp
612DB	Flight control cables, flap drive shaft. (ref. Figure 1)		
612FB	Flat actuator, flight control cables. (ref. Figure 1)		
612HB	Flight control cables & turnbuckle, flap drive shaft. (ref. Figure 1)		
631AB	Fuel filter & drain, transfer jet pump, fuel plumbing, fuel low valve sensor, deice plumbing. (ref. Figure 1)		
632AB	Fuel probe, electric boost pump, jet transfer pump, main tank jet pump, fuel manifold fuel strainer. (ref. Figure 1)		
632HB	Flight control cables, flap drive shaft. (ref. Figure 1)		
632IB	Flap actuator, flight control cables. (ref. Figure 1)		
642JB	Fuel tank vent, check valves, fuel plumbing. (ref. Figure 1)		
INSTALL THE FOLLOWING RIGHT NACELLE/COWLING ACCES PANELS			
423L	Left plenum panel. (ref. Figure 2)		
423R	Right plenum panel. (ref. Figure 2)		

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GENERAL SERVICE ITEMS					
1.		ENVIRONMENTAL OPERATIONAL OVERPRESSURE CHECK: Perform operational test in *BE Chapter 21-11-00.	Mech		
2.		ENVIRONMENTAL OPERATIONAL OVERTEMPERATURE TEST: Perform the operational test in *BE Chapter 21-11-00.	Mech		
3.		PROPELLER DEICER: Perform the propeller deicer system inspections in accordance with *BE Chapter 30-60-00.	Mech		
4.		GROUND PERFORMANCE CHECK Perform the ground performance check with zero power extraction in accordance with the procedures in *BE Chapter 76-10-00. If only one engine performance parameter is found to be outside the expected limits, confirm the accuracy of the appropriate indicating system before making any engine adjustments. AFTER ENGINE SHUTDOWN: Inspect the engine for oil and fuel leaks, security and attachment of all components.	Left	Right	
			Left	Right	Insp
5.		CONDITION LEVERS: Check for clean shutdown at IDLE CUT OFF.	Left	Right	
6.		INVERTER SYSTEM OPERATIONAL CHECK: Perform operational check of the inverter system, per *BE Chapter 24-20-00.	Mech		
7.		GROUND FINE CHECK: Perform Ground fine check, per *BE Chapter 76-10-00.	Left	Right	

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#	ZONE	DESCRIPTION	STAMP		
OPERATIONAL INSPECTION					
8.		PROP GOV CHECK: Perform prop governor check in accordance with SB 14236, as revised.	Left	Right	Insp
9.		POST MAINTENANCE CHECK AND POST MAINTENANCE RUNS: Leak check and ops check all systems that have required maintenance during this detail inspection. PERFORM FIRST FLIGHT OF THE DAY CHECKS: Perform this check in accordance with the flight crews checklist.	Mech		Insp

I have examined this entire document and determined that each item has been completed.
 Any deferred items meet the requirements of the Maintenance Procedures Manual.

Foreman's Signature: _____

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AIRCRAFT INFORMATION		
A/C S/N	DATE	W/O #
FHM	TOTAL TIME	CYCLES

FORMS REQUIRED

1. Second DETAILED Inspection Form #260.003.
2. Aircraft Maintenance Record.
3. Routine Inspection Form must be accomplished in conjunction with this detailed inspection to comply with Continuous Inspection Regulations.

REFERENCE MATERIAL

1. Beechcraft 1900D Airliner Wiring Diagrams Manual.
2. Beechcraft 1900D Airliner Maintenance Manual.
3. Beechcraft 1900 Airliner Series Component Maintenance Manual.

* BE = Beechcraft 1900D Airliner Maintenance Manual, as revised and current airworthiness directives.

* PWC = Pratt and Whitney Canada PT6A-67D Maintenance Manual, as revised and current airworthiness directives.

INSPECTION PROCEDURES

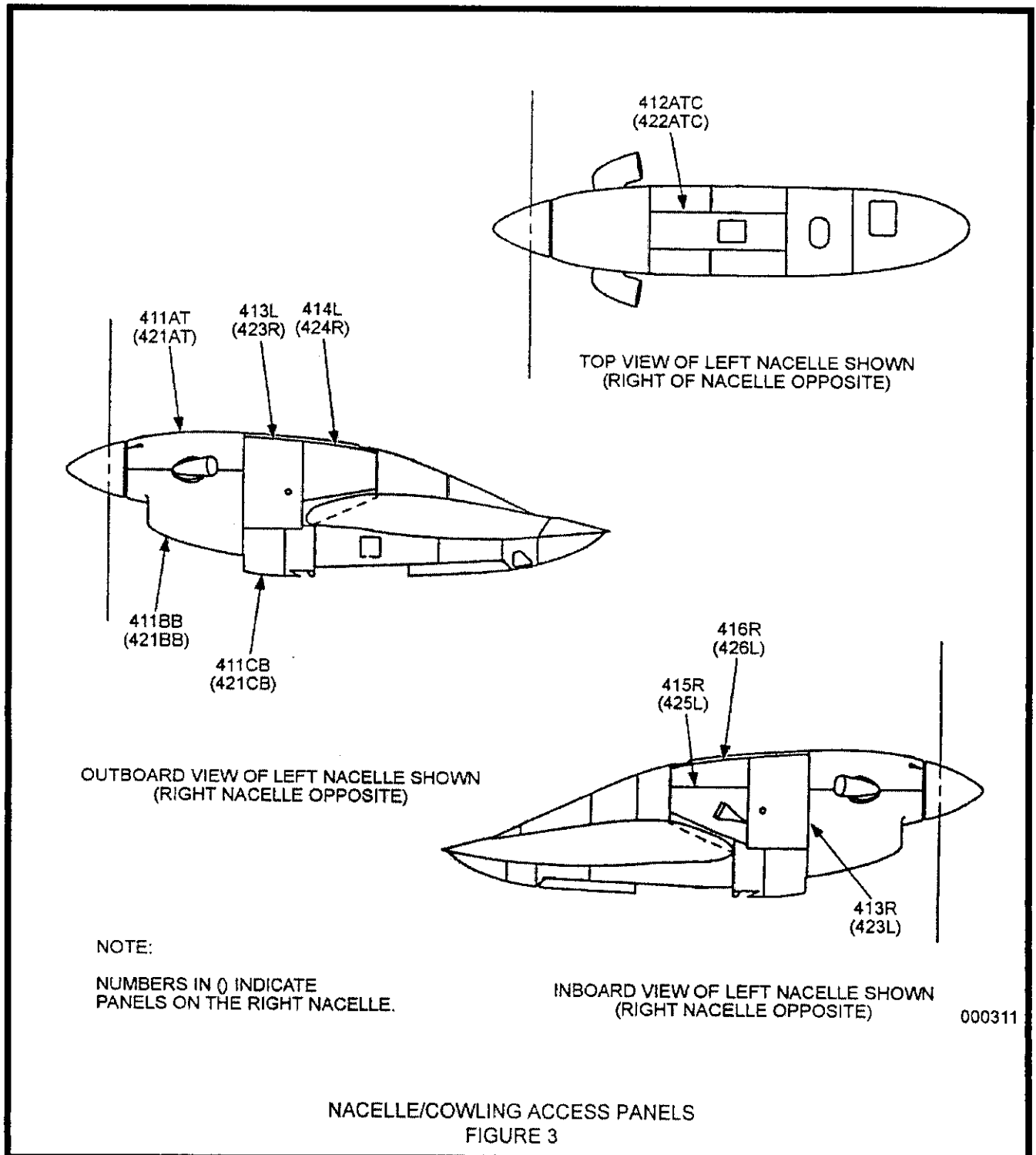
1. Fill out the headings on each form in its entirety.
2. When each item is inspected, the responsible person will make entries as required and will stamp in the space provided in the right hand column.
3. List all discrepancies found on the Aircraft Maintenance Record form.
4. Each discrepancy is to be stamped off by the mechanic, if it is an RII item then the inspector must also inspect the completed work and stamp off the discrepancy when the work is approved.
5. Any maintenance task not applicable, should be marked N/A by the mechanic or inspector. Any space which is shaded is not required to be stamped.

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PANEL NUMBER	DESCRIPTION	STAMP	
REMOVE THE FOLLOWING LEFT NACELLE/COWLING ACCESS PANELS			
		Install	Insp
411AT	Upper forward cowling (ref. Figure 3)		
411BB	Lower forward cowling (ref. Figure 3)		
411CB	Oil cooler inlet duct (ref. Figure 3)		
412ATC	Aft upper center cowling (ref. Figure 3)		
413L	Left plenum panel (ref. Figure 3)		
413R	Right plenum panel (ref. Figure 3)		
414L	Outboard accessory panel (ref. Figure 3)		
415R	Lower inboard accessory panel (ref. Figure 3)		
416R	Upper inboard accessory panel (ref. Figure 3)		
REMOVE THE FOLLOWING RIGHT NACELLE/COWLING ACCESS PANELS			
421AT	Upper forward cowling (ref. Figure 3)		
421BB	Lower forward cowling (ref. Figure 3)		
421CB	Oil cooler inlet duct (ref. Figure 3)		
422ATC	Aft upper center cowling (ref. Figure 3)		
423L	Left plenum panel (ref. Figure 3)		
423R	Right plenum panel (ref. Figure 3)		
424R	Outboard accessory panel (ref. Figure 3)		
425L	Lower inboard accessory panel (ref. Figure 3)		
426L	Upper inboard accessory panel (ref. Figure 3)		



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#	ZONE	DESCRIPTION	STAMP		
POWERPLANT					
1.	410-420 400	COWLING: Check adjustment of latches. Remove the cowling and clean. Check for cracks, loose rivets. Inspect and repair as necessary. Inspect aft cowling door latches for excessive wear, distortion or other deterioration of latch pawl tips.	Left	Right	Insp
2.		INLET ICE VANE DOOR: Inspect actuating rod, hinge pin and hardware for installation, condition & security.	Left	Right	Insp
3.	410 420 400	ENGINE OIL & FILTER CHANGE: Change oil in engine. Replace oil filter. Inspect oil filter for metal particles as described in the *PWC Chapter 79-20-02.	Left	Right	Insp
4.	410-420 400	DRAIN PLUGS: Check all drain plugs for security. Refer to *PWC Chapter 73-10-06.	Left	Right	
5.	510 610	FUEL FILTERS AND SCREENS: Inspect the filters and screens for microbiological growth as instructed in the *BE Chapter 28-20-02 and Temp Revision 28-1, as revised.	Left	Right	Insp
6.	410-420	IGNITER PLUGS: Inspect and clean as instructed in the *PWC Chapter 74-26-01 and *BE Chapter 74-00-00.	Left	Right	Insp
7.	510-610	P3 AIR FILTER: Clean or replace as instructed in *PWC Chapter 73-10-07.	Left	Right	Insp
8.		BORESCOPE ENGINE: Inspect general condition of the hot section by borescope inspection. Per *PWC Chapter 72-00-00. Install fuel nozzle per *P&W Chapter 73-16-05. Insp. Second Stage PT blades IAW S.I.L. No. PT6A-075.			Insp
			Left	Right	Insp
9.	410-420 730-740	ENGINE FUEL PUMP FILTERS AND SCREENS: Inspect the filters and screens for microbiological growth as instructed in *PWC Chapter 73-10-02.	Left	Right	Insp

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#	ZONE	DESCRIPTION	STAMP		
POWERPLANT					
10.	410-420 400	EXHAUST SYSTEM: Examine the exhaust system and visible portions of the power turbine for burning, distortion, damage and cracks. If any are found, refer to the *PWC Chapter 72-56-64 for corrective action.	Left	Right	Insp
11.	410-420 400	INDUCTION SYSTEM: Inspect the air intake duct and engine inlet screen for obstructions, cracks, corrosion and security. Remove air inlet screen per *PWC Chapter 72, and inspect compressor inlet area, struts, and first stage blades for dirt deposits, corrosion, erosion, and foreign object damage. Map damage IAW MPM 260 Chapter 7 FOD Inspection.	Left	Right	Insp
			Left	Right	Insp
12.	410-420 400	ENGINE FIRE LOOPS: Inspect for condition and security of fire loops, clamps and grounds.	Left	Right	Insp
13.	410-420 400	OIL COOLER: Inspect cooler and plumbing for condition and attachment.	Left	Right	
14.	410 420 400	FIRE DETECTORS: Check fire detection system, per check procedure in * BE Chapter 26-10-00.	Left	Right	
15.	730 740	ENGINE FIRE EXTINGUISHER: Check pressure of supply cylinder; visually check plumbing for leakage and security of attachment, per *BE Chapter 26-20-00.	Left	Right	
16.	410-420	ENGINE DRIVEN BOOST PUMP: Inspect for condition, attachment and visible signs of leakage.	Left	Right	
17.	410-420	ENGINE OIL TO FUEL HEATER: Inspect for condition, attachment and visible signs of leakage.	Left	Right	
18.	410-420 400	ENGINE ACCESSORIES: Inspect all accessories, plumbing and associated equipment for condition, attachment and visible signs of leakage.	Left	Right	

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#	ZONE	DESCRIPTION	STAMP		
POWERPLANT					
19.	400	<p>ENGINE MOUNTS: Inspect isolator mounts for signs of elastomer debond, cracks in the rubber, large permanent set or static droop. Check each mount with a finger (not nail) to see if rubber is cooked or hardened. Replace or repair the mount if any of the above conditions are found. All mounts on an engine must be of the same manufacturer and carry the same part number. The mount may be rebuilt by replacing the rubber cushion. Refer to *BE Chapter 71-20-00 for inspection criteria.</p> <p>NOTE: If any isolator mounts have dislodged from their bracket positioning pins, perform HARD LANDING & TURBULENT AIR INSPECTIONS.</p>	Left	Right	Insp
20.	400	<p>ENGINE MOUNT TRUSS: Visually inspect the engine mount truss assembly for cracks, chafing and dents IAW SIM "H" check. Check torque on truss mount bolts IAW 71-20-00.</p>	Left	Right	Insp
21.	400	<p>ELECTICAL WIRING AND EQUIPMENT: Inspect wiring, associated equipment and accessories for condition and attachment.</p>	Left	Right	Insp
22.	410-420 400	<p>INERTIAL ANTI-ICE: Check the inertial vane and bypass door for freedom of movement and proper travel with the electrical actuator per *BE Chapter 30-20-00.</p> <p>Inspect shock links.</p>	Left	Right	Insp
			Left	Right	Insp
23.		<p>PROPELLER DEICER BOOTS: Check boots for condition and security of attachment; Check propeller slip rings for gouges, cracks, burns, or discolored areas and deposits of grease, oil, or dirt. Clean as necessary per *BE Chapter 30-60-00.</p>	Left	Right	Insp
24.		<p>FLAMMABLE LIQUID CARRYING HOSES: Inspect for leaks, cracks and deterioration.</p>	Left	Right	Insp

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#	ZONE	DESCRIPTION	STAMP		
POWERPLANT					
25.		PROPELLERS: Inspect for condition, attachment and for debonding. Inspect condition of mechanical feedback ring, stop rods and springs. Inspect carbon block pin for freedom of movement, and carbon block for wear. Inspect for no metal-to-metal contact between brass ring and the reversing lever. Check reversing linkage for proper adjustment, evidence of binding and security of attachment. Check for proper operation of all pedestal controls and switches. Check tip of blades for evidence of lightning strikes Lubricate propeller, lube rod ends, cam plate and low pitch rods *BE Chapter 12-20-00 and 61-10-00.	Left	Right	Insp
			Left	Right	Insp
			Left	Right	Insp
			Left	Right	Insp
			Left	Right	Insp
			Left	Right	Insp
			Left	Right	Insp
			Left	Right	Insp
26.	410-420	MAGNETIC CHIP DETECTOR: Inspect and clean chip detector as per *BE Chapter 79-30-00.	Left	Right	Insp
27.		AUTOFEATHER RELAYS, AUTOFEATHER, AUTO - IGNITION PRESSURE SWITCHES: Check for operation, security of attachment and proper electrical connections.	Left	Right	Insp
28.		STARTER GENERATOR: Inspect brushes for indication of excessive wear or damage (determine wear by observing diagonal groove on brush). Refer to *BE Chapter 24-30-01. Life remaining LT _____ RT _____ Inspect inlet duct and blast cap for cracks, chafing on fuel line or obstructions. Per *BE Chapter 24-00-00.	Left	Right	Insp
			Left	Right	Insp

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#	ZONE	DESCRIPTION	STAMP		
POWERPLANT					
29.		IGNITION EXCITER: Check exciter and electrical harness for condition and security of attachment.	Left	Right	
30.		FUEL PURGE SYSTEM: Check plumbing and tank for security of attachment. Remove filter and check for rust or corrosion and clean with shop air. Remove tank and clean as instructed in *BE Chapter 71-70-00.	Left	Right	Insp
			Left	Right	Insp
31.	420 621	COMPRESSOR DRIVE QUILL SHAFT: Check for wear and damage. Lubricate the spline on the end of the shaft with Molykote M77.	Mech		
32.	420	COMPRESSOR DRIVE BELTS: Check for cracks, shredding and wear. Check alignment as outlined in *BE Chapter 21-52-02.	Mech		Insp
33.		POWER SECTION OIL FINGER SCREEN: Inspect finger screen for metal particles.	Left	Right	Insp
34.		ENGINE FIRE EXTINGUISHER: Check for presence of activation voltage to the squibbs, IAW. *BE Maintenance Manual Chapter 5-20-03 and Temp Revision 26-1, as revised.	Left	Right	Insp
GENERAL SERVICE ITEMS					
AIRPLANE LUBRICATION					
A.		RUDDER TRIM TAB ACTUATOR GREASE FITTINGS: Lubricate with Aeroshell #7. (ref. figure 3A)	Mech		
B.		RUDDER TRIM TAB HINGE: Lubricate with LPS-2. (ref. figure 3A)	Mech		
C.		AILERON TRIM TAB HINGE: Lubricate with LPS-2. (ref. figure 3B)	Mech		
D.		CABIN AIR STAIR DOOR CAM LIP: Lubricate 8 places with Door Ease. (ref. figure 3C)	Mech		

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#	ZONE	DESCRIPTION	STAMP
GENERAL SERVICE ITEMS			
AIRPLANE LUBRICATION			
E.		CABIN AIR STAIR DOOR HINGE: Lubricate with LPS-2 (ref. Figure 3C)	Mech
F.		CARGO DOOR GAS SPRING END FITTINGS: Lubricate with Aeroshell #7 (ref. Figure 3D)	Mech
G.		CARGO DOOR CAM LOCKS: Lubricate with LPS-2 (ref. Figure 3D)	Mech
H.		CARGO DOOR HINGE: Lubricate with LPS-2 (ref. Figure 3D).	Mech
I.		ENGINE CAM BOX CAM PLATE AND PINS: Lubricate with Lubriplate #130AA (ref. Figure 3E).	Mech
J.		INERTIAL ANTI-ICE HINGE POINT BUSHINGS: Lubricate with Aeroshell #7 (ref. Figure 3E)	Mech
K.		AIR-CONDITIONER COMPRESSOR QUILL SHAFT: Lubricate with molykote 77 (ref. Figure 3E).	Right
L.		PROPELLER HUB GREASE FITTINGS: Lubricate with Aeroshell #6 IAW Beech M/M 61-10-00 (ref. Figure 3F).	Mech
M.		NOSE LANDING GEAR DOOR HINGES AND RETRACT LINKAGE: Lubricate with LPS-2 (ref. Figure 3G)	Mech
N.		MAIN LANDING GEAR DOOR HINGES AND LINKAGES: Lubricate with LPS-2 (ref. Figure 3H)	Mech
O.		NOSE LANDING GEAR UPPER AND LOWER STRUT BEARING: Lubricate with Aeroshell #17 (4 places) (ref. Figure 3G).	Mech
P.		RUDDER PEDALS: Lubricate with LPS-2 (ref. Figure 3I).	Mech
Q.		ELEVATOR TRIM TAB HINGE: Lubricate with LPS-2. (ref. Figure 3I)	Mech
R.		ELEVATOR TRIM TAB ACTUATOR: Lubricate by purging grease with Aeroshell #7. (ref. Figure 3I)	Mech

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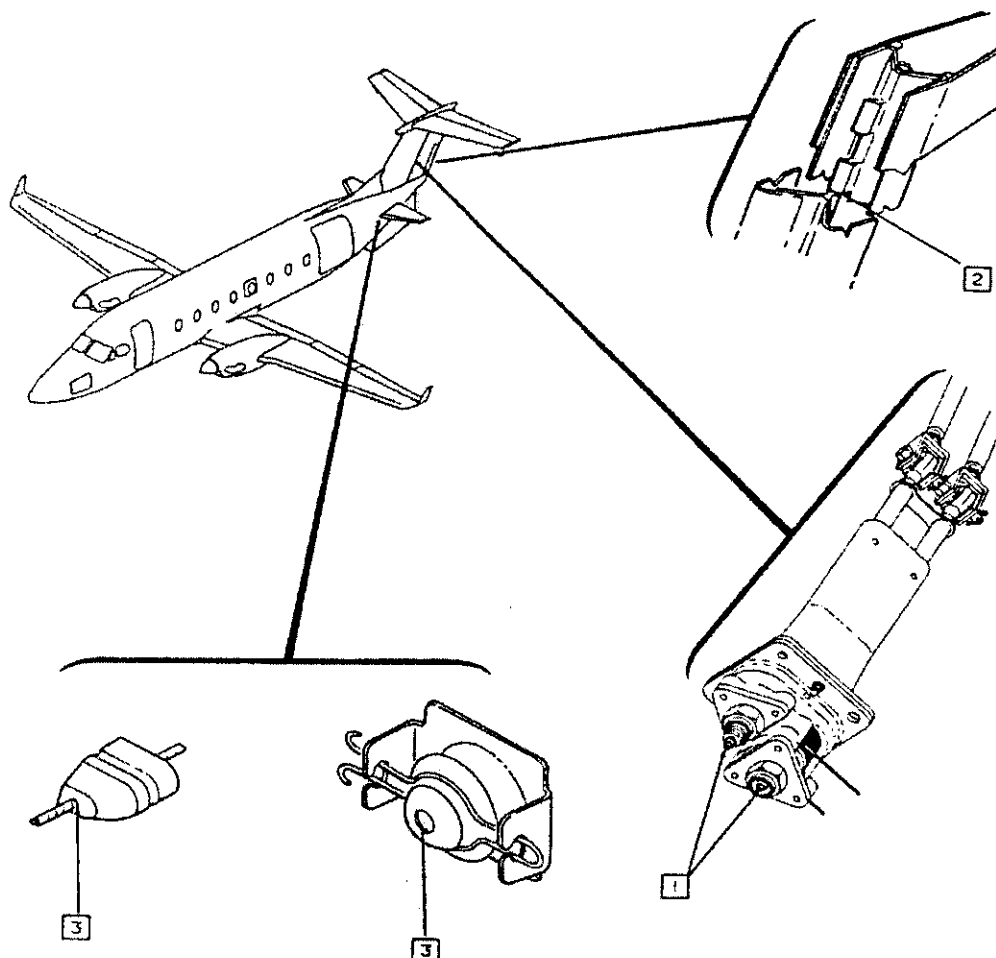
#	ZONE	DESCRIPTION	STAMP	
GENERAL SERVICE ITEMS				
1.	410-420 730-740	ALL HOSE ASSEMBLIES: Visually check all hose assemblies in the engine compartment and wheel wells for condition and leaks.	Left	Right
2.	710	POWER STEERING FILTER: (if installed) Replace filter as instructed in *BE Chapter 32-52-00.	Left	Right
3.	153 173	EVAPORATOR FILTER: Replace the evaporator filter as instructed in *BE Chapter 21-51-00.	Mech	
4.	110-241 242-262	PITOT AND STATIC SYSTEM: Open drain valves until all moisture is drained.	Mech	
5.	248	EFIS: Verify operation of EADI and EHSI tube fans as appropriate.	Mech	
6.	212	INSTRUMENT AIR FILTER: Inspect the air filter.	Mech	
7.	812	VACUUM REGULATOR VALVE FILTER: Replace or clean the filter as instructed in *BE Chapter 37-00-00.	Mech	
8.		PLACARDS: Verify that all placards are in place and legible. Refer to *BE Chapter 11-20-00.	Mech	Insp
9.	253	EXTERNAL POWER: Check the external power relay for operation (rotate the voltmeter select switch to the EXT PWR position and check for external power voltage).	Mech	

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#	ZONE	DESCRIPTION	STAMP	
GENERAL SERVICE ITEMS				
10.		LANDING GEAR FLUID: WARNING: Before checking the landing gear fluid level, the pressure must be released from the system by activating the manual bleed valve and relieving the pressure as instructed in *BE Chapter 12-10-00. Check the landing gear fluid reservoir for proper level as instructed in *BE Chapter 12-10-00.	Mech	Insp
11.	511	AIR CYCLE MACHINE: Change the air cycle machine oil, refer to *BE Chapter 21-51-00.	Mech	
12.		AIR FRAME FUEL FITLERS & SCREENS: Clean & inspect as instructed in *BE Chapter 28-10-00.	Mech	Insp

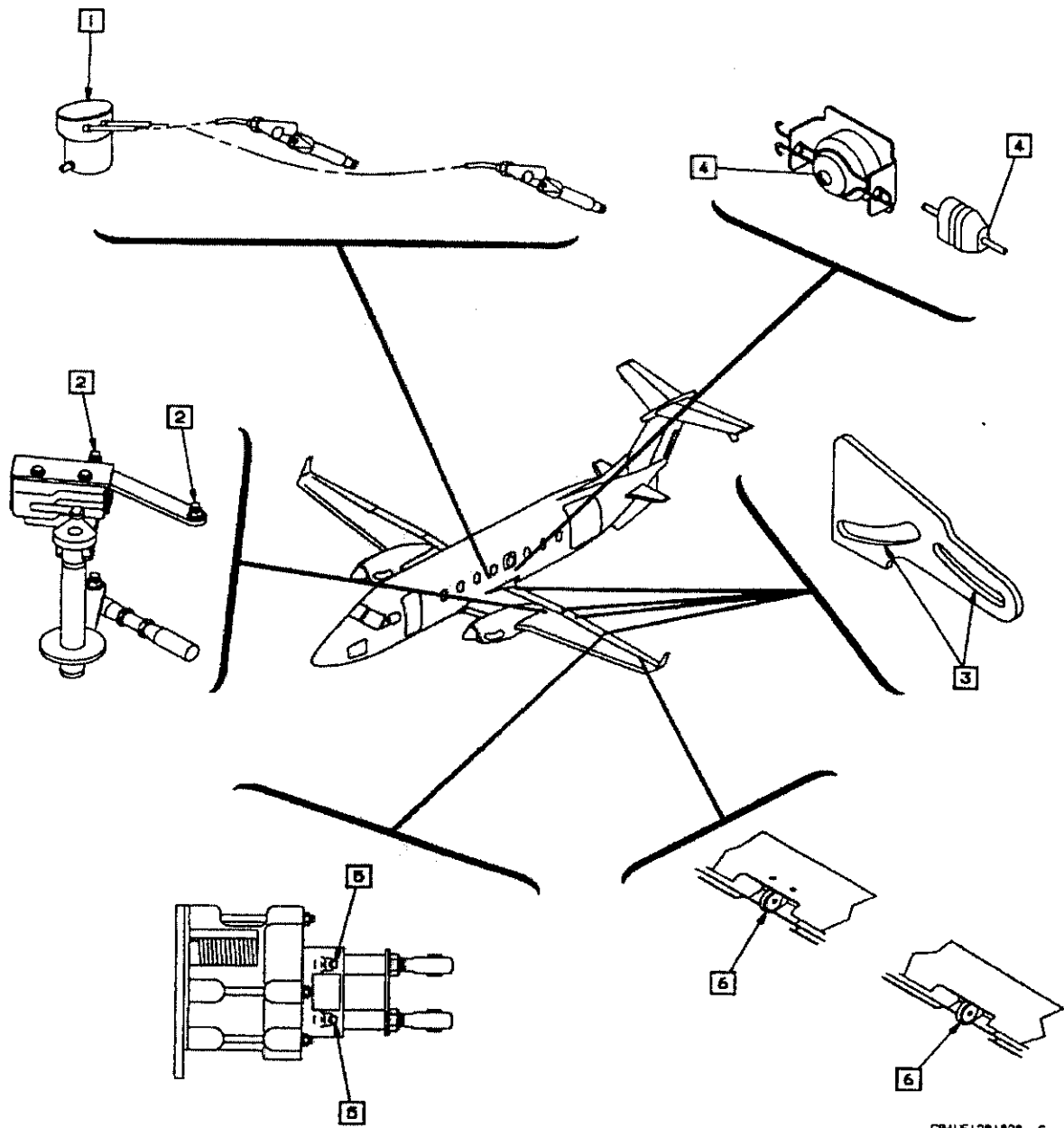


C8-01205

Rudder Control System Lubrication (Effectivity: All)

001301

FIGURE 3A



C94UE1281828 C

Flap and Aileron Control System Lubrication (Effectivity: All)

001302

FIGURE 3B

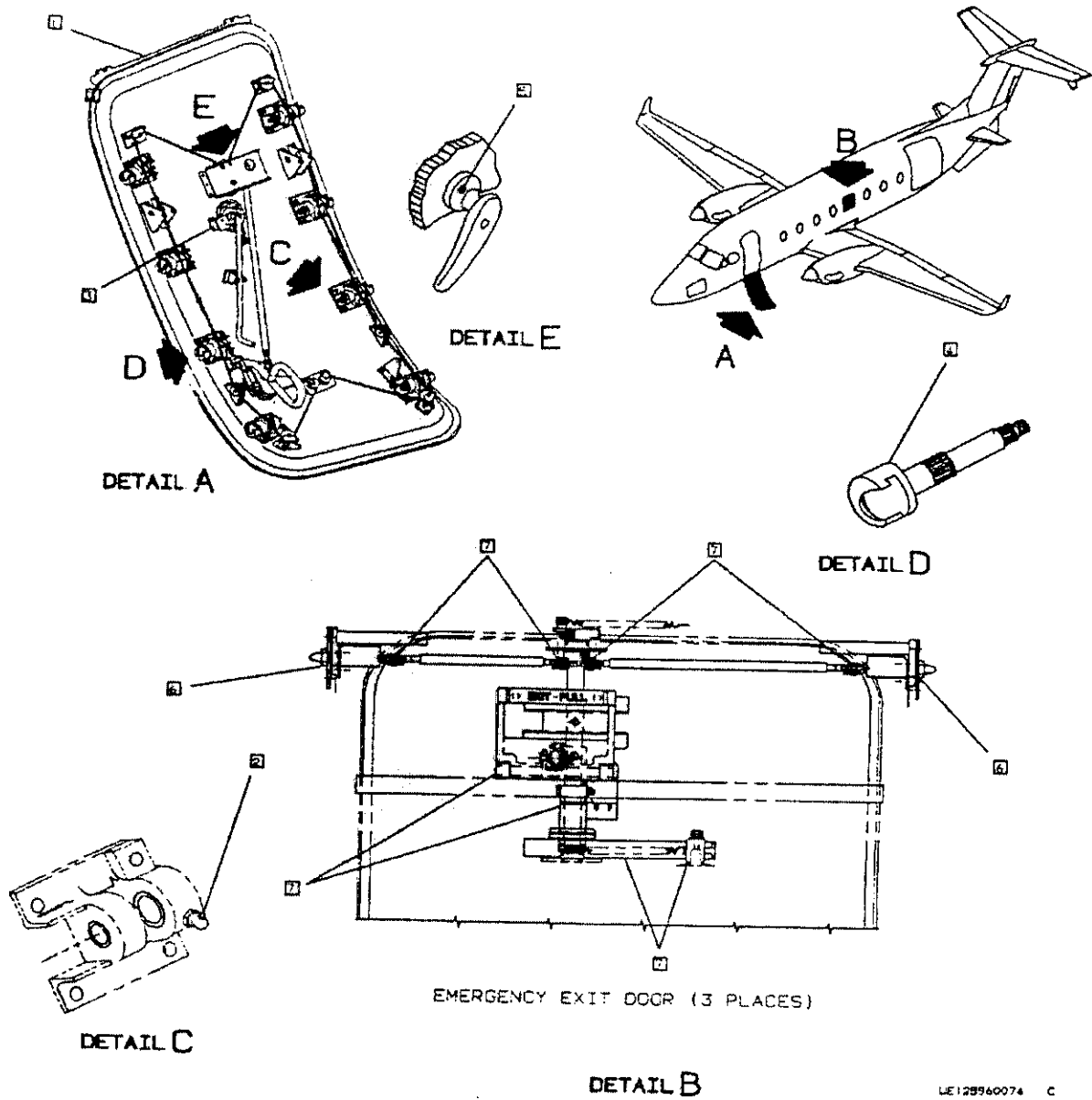
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(FORM # 260.003)

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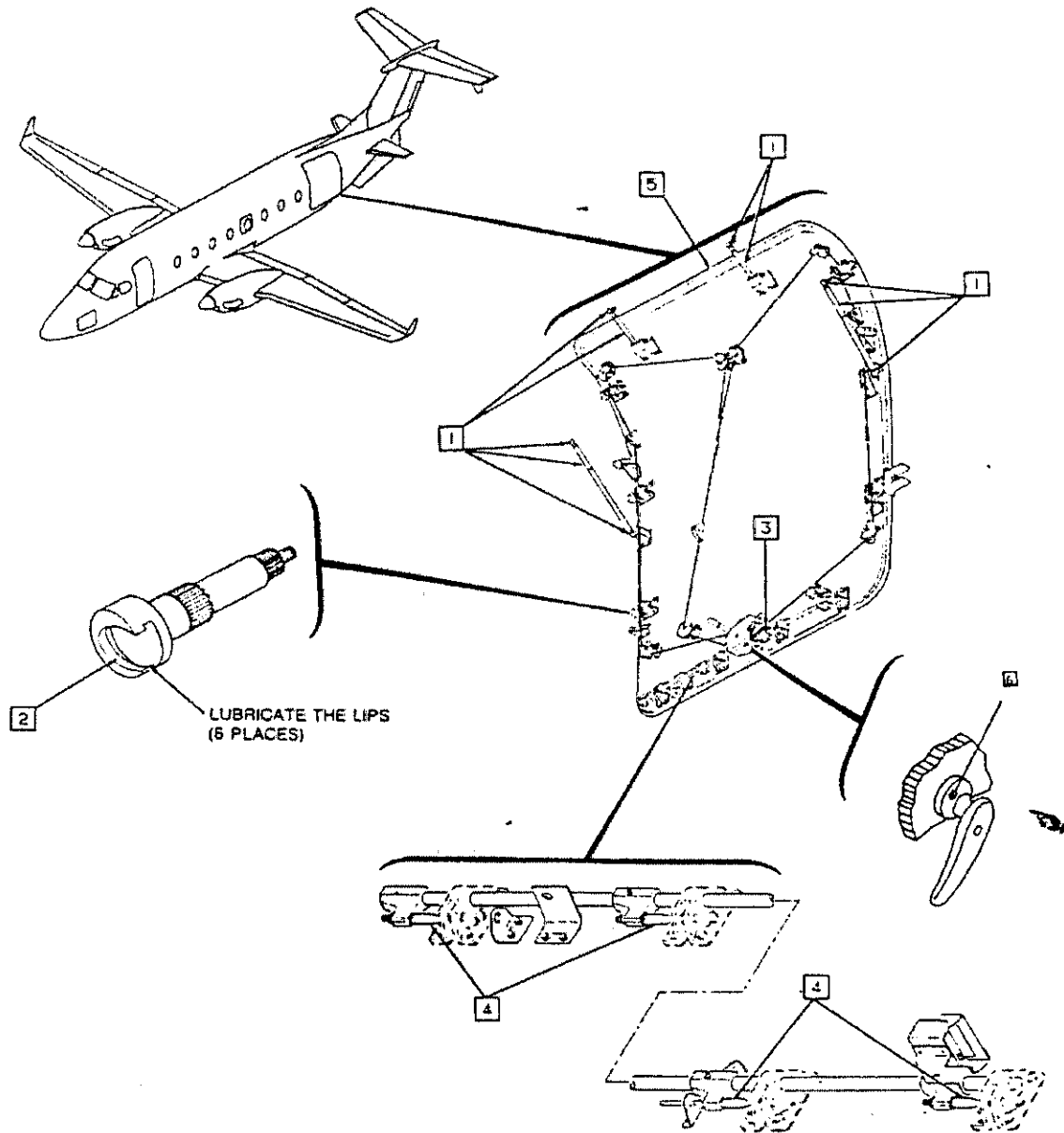


LE128960074 C

Cabin Air Stair Lubrication (Effectivity: All)

001304

FIGURE 3C

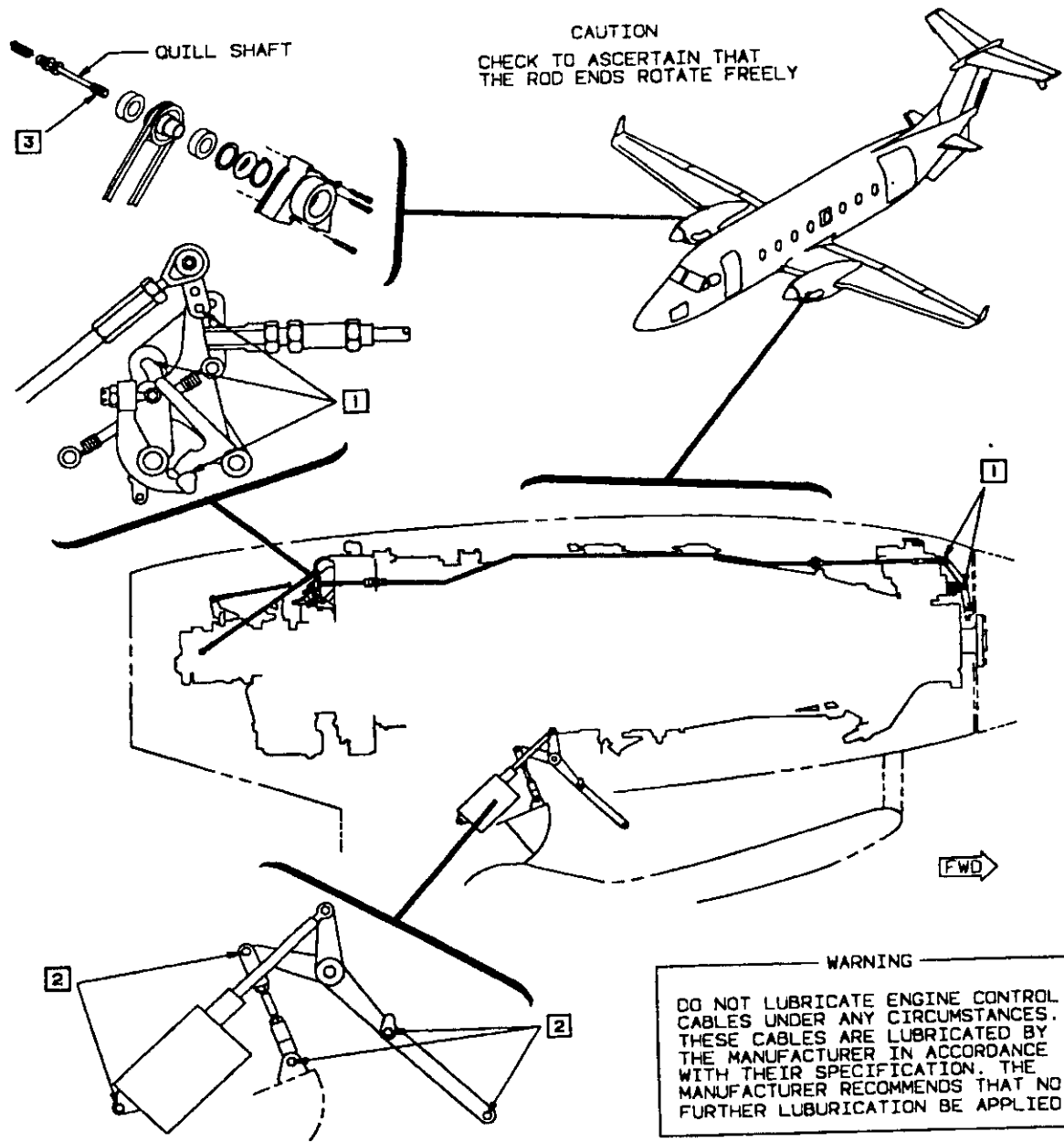


C9101209

Cargo Door Lubrication (Effectivity: All)

001305

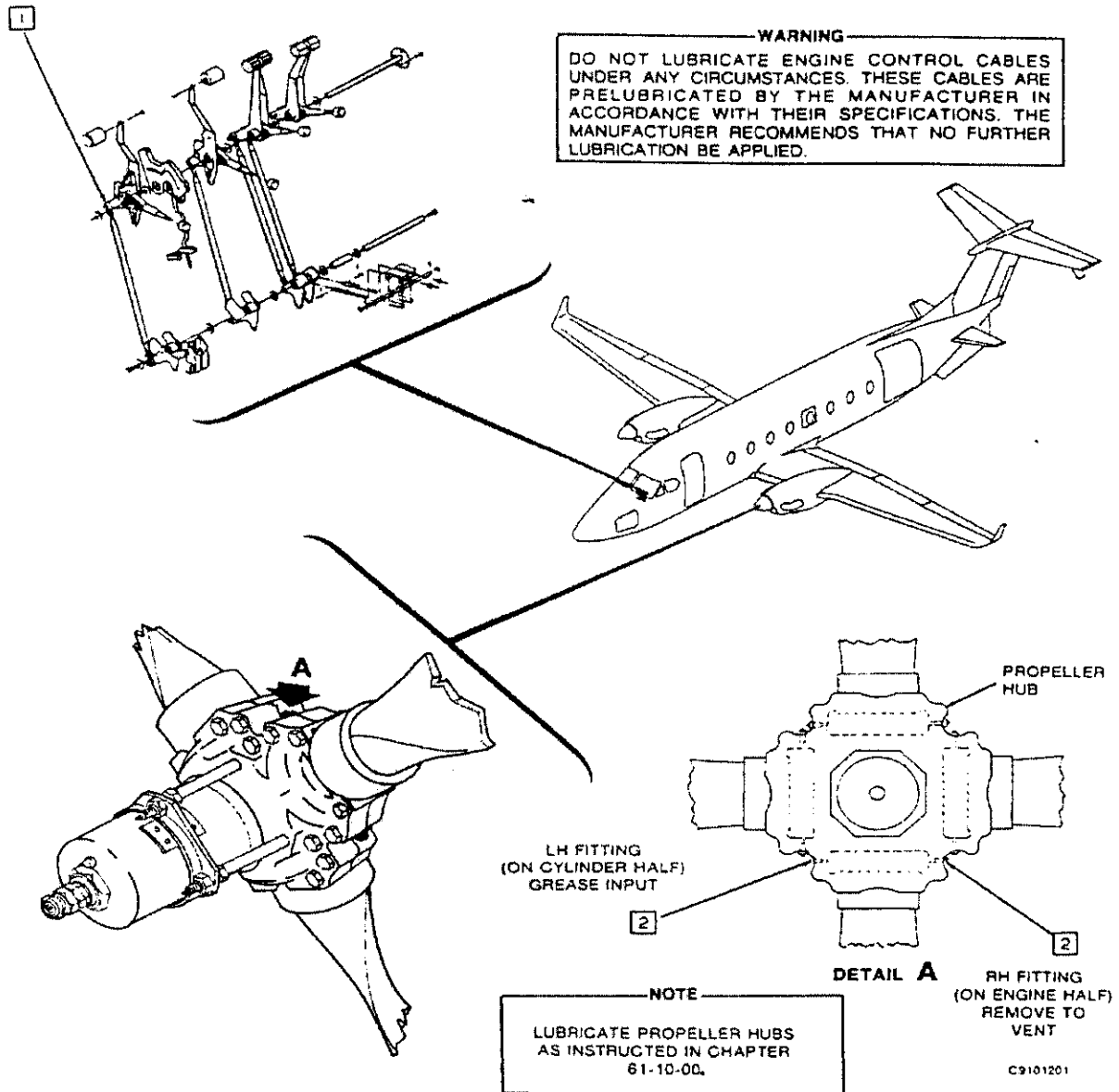
FIGURE 3D



Nacelle Engine Controls and Inertial Anti-ice Lubrication
(Effectivity: All)

001296

FIGURE 3E



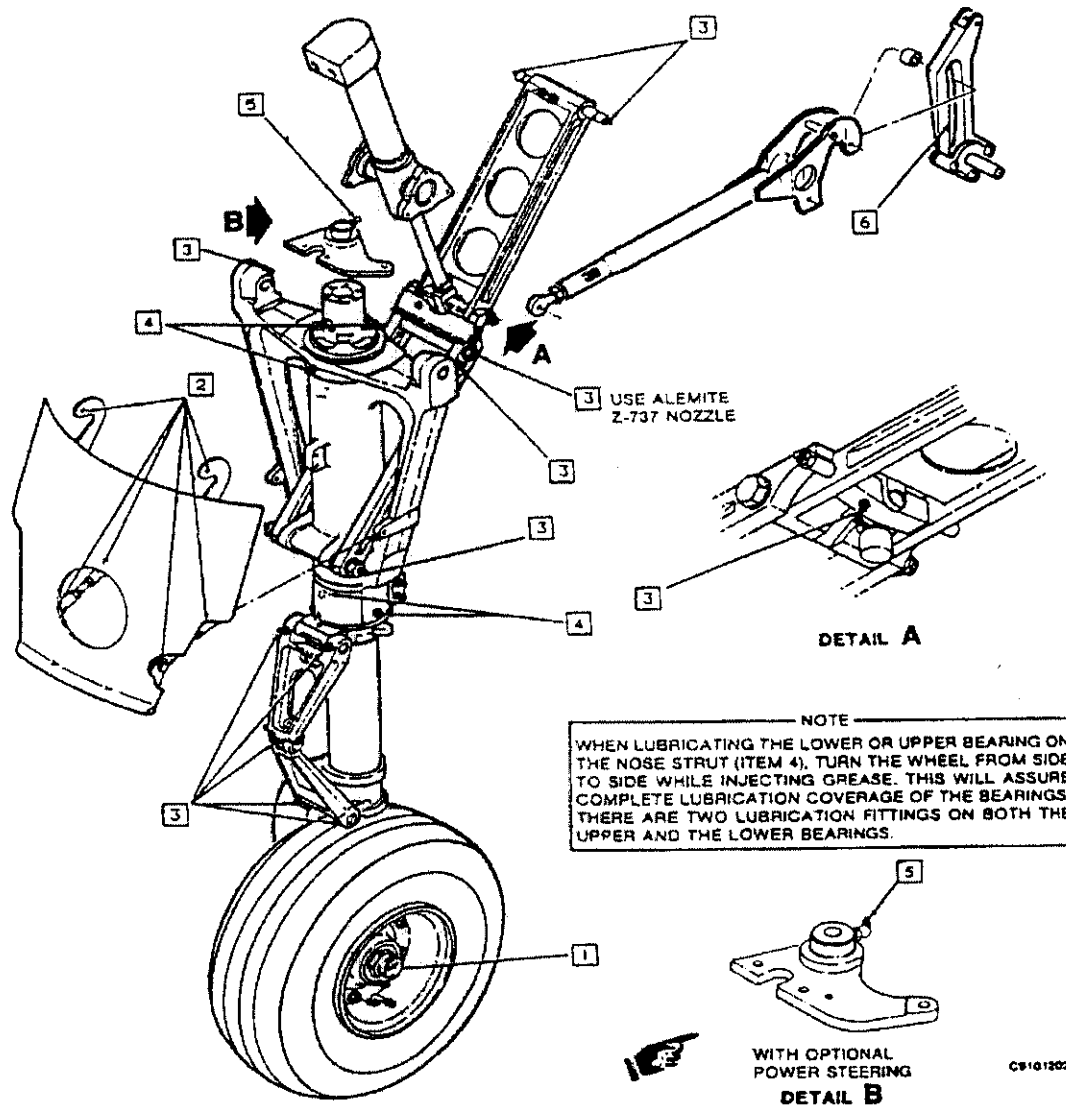
Flight Compartment Engine Controls and Propeller Lubrication
(Effectivity: All)

001297

FIGURE 3F

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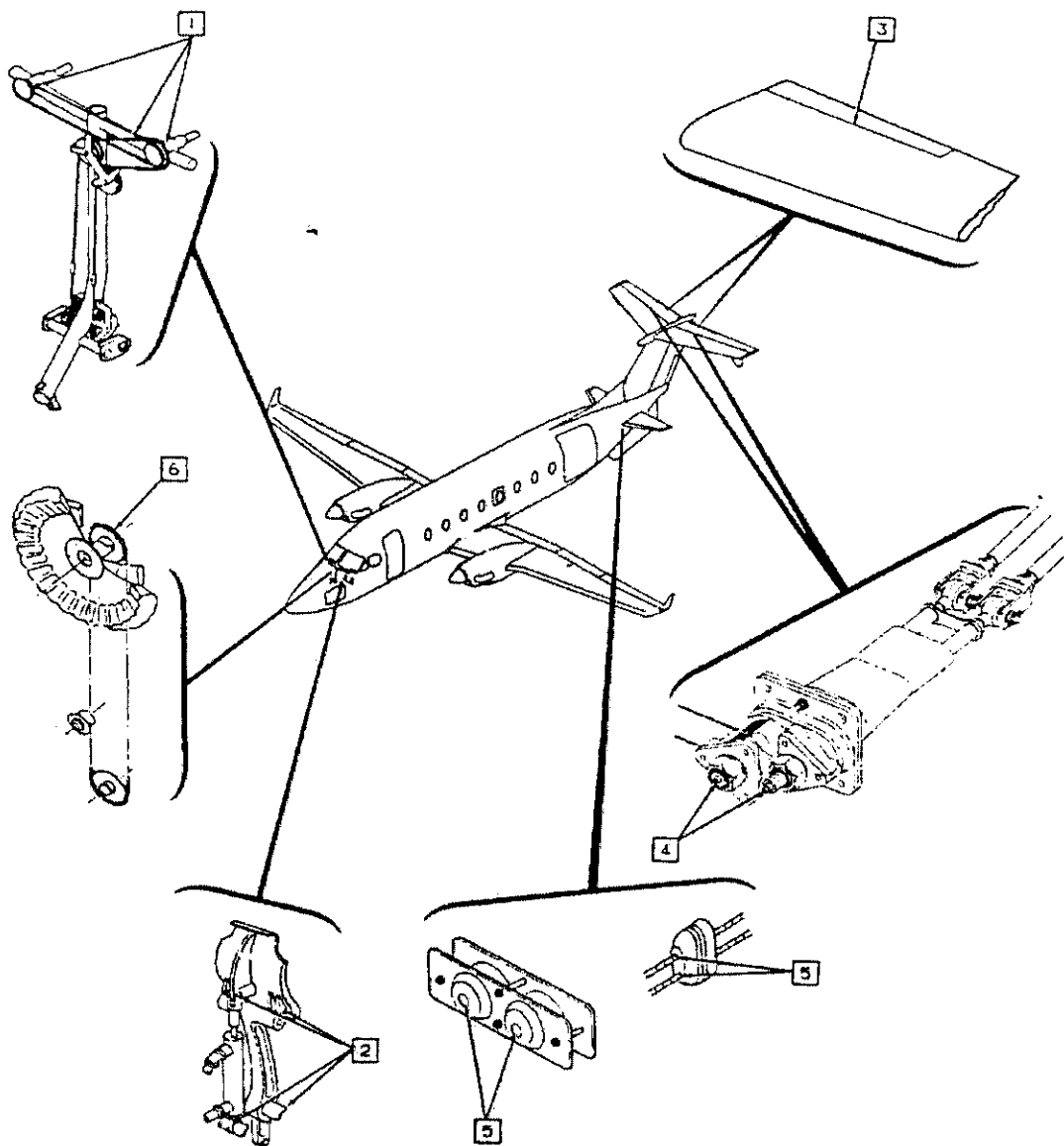
(FORM # 260.003)



Nose Landing Gear Lubrication (Effectivity: All)

001298

FIGURE 3G



C9161204

**Flight Compartment and Elevator Controls Lubrication
(Effectivity: All)**

001300

FIGURE 3I

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PANEL NUMBERS	DESCRIPTION	STAMP	
INSTALL THE FOLLOWING LEFT NACELLE/COWLING ACCESS PANELS			
		Mech	Insp
411AT	Upper forward cowling (ref. Figure 3)		
411BB	Lower forward cowling (ref. Figure 3)		
411CB	Oil cooler inlet duct (ref. Figure 3)		
412ATC	Aft upper center cowling (ref. Figure 3)		
413L	Left plenum panel (ref. Figure 3)		
413R	Right plenum panel (ref. Figure 3)		
414L	Outboard accessory panel (ref. Figure 3)		
415R	Lower inboard accessory panel (ref. Figure 3)		
416R	Upper inboard accessory panel (ref. Figure 3)		
INSTALL THE FOLLOWING RIGHT NACELLE/COWLING ACCESS PANELS			
421AT	Upper forward cowling (ref. Figure 3)		
421BB	Lower forward cowling (ref. Figure 3)		
421CB	Oil cooler inlet duct (ref. Figure 3)		
422ATC	Aft upper center cowling (ref. Figure 3)		
423L	Left plenum panel (ref. Figure 3)		
423R	Right plenum panel (ref. Figure 3)		
424R	Outboard accessory panel (ref. Figure 3)		
425L	Lower inboard accessory panel (ref. Figure 3)		
426L	Upper inboard accessory panel (ref. Figure 3)		

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#	ZONE	DESCRIPTION	STAMP		
OPERATIONAL INSPECTION					
1.		ENGINE AND PROPELLER CONTROLS: Check for freedom of movement, full travel and proper friction lock per *BE Chapter 76-00-00.	Left	Right	
2.		STARTER GENERATOR: Check for output of $28.25 \pm .25$ VDC, Using the test jack on the RH inboard subpanel. Refer to *BE Chapter 24-30-00.	Left	Right	
3.		OIL PRESSURE/TEMP GAUGE: Check for the proper pressure and temperature limits per *PWC Chapter 71.	Left	Right	
4.		PROPELLER GOVERNOR: Check for proper operation and feathering per *BE Chapter 61-20-00.	Left	Right	
5.		PROPELLER SYNCHROPHASER: Check for proper operation per *BE Chapter 61-22-00.	Left	Right	
6.		PROPELLER DEICER: Perform the propeller deicer system inspections in accordance with *BE Chapter 30-60-00.	Left	Right	
7.		AUTOFEATHERING SYSTEM: Check operation as instructed in *BE Chapter 61-21-00.	Left	Right	
8.		GROUND PERFORMANCE CHECK: Perform the ground performance check with zero power extraction in accordance with the procedures in *BE Chapter 76-10-00. If only one engine performance parameter is found to be outside the expected limits, confirm the accuracy of the appropriate indicating system before making any engine adjustments. AFTER ENGINE SHUTDOWN: Inspect the engine for fuel and oil leaks, security and attachment of all components.	Left	Right	
			Left	Right	Insp
9.		FUEL BOOST PUMPS: Check the electric pumps for proper operation per the Pilots Checklist.	Left	Right	

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#	ZONE	DESCRIPTION	STAMP	
OPERATIONAL INSPECTION				
10.		FUEL CROSS-TRANSFER VALVES: Check the cross transfer valves for proper operation per the airplane flight manual.	Left	Right
11.		FIREWALL SHUT OFF VALVES: Check the firewall shutoff valves for proper operation (internal leak rate not greater than 2 cc per minute at 60 psig) per *BE Chapter 28-20-00.	Left	Right
12.		VACUUM SYSTEM: Check for proper limits per *BE Chapter 37-00-00.	Left	Right
13.		ENVIRONMENTAL OPERATIONAL OVERPRESSURE CHECK: Perform operational test in *BE Chapter 21-11-00.	Mech	
14.		ENVIRONMENTAL OPERATIONAL OVERTEMPERATURE TEST: Perform the operational test in *BE Chapter 21-11-00.	Mech	
15.		SURFACE DEICERS: Check for inflation and cycling. Perform surface deicer operational check. Refer to *BE Chapter 30-10-00.	Left	Right
16.		PRESSURIZATION SYSTEM: Check operation according to the pressurization check procedures in *BE Chapter 21-30-00.	Mech	
17.		PRESSURIZATION SYSTEM DRAIN VALVE: Open drain valves to remove condensation in pressure lines on aircraft with drain installed.	Mech	
18.		ENVIRONMENTAL VAPOR CYCLE SYSTEM AND AIR CYCLE MACHINE: Check for proper operation when the switch is in the AUTO or MANUAL position. Check operation of all outlets and ease of operation of all controls per *BE Chapter 21-20-00.	Mech	
			Mech	
19.		CONDITION LEVERS: Check for clean shutdown at IDLE CUT OFF.	Mech	

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#	ZONE	DESCRIPTION	STAMP		
OPERATIONAL INSPECTION					
20.		INVERTER SYSTEM OPERATION CHECK: Perform operational check of the inverter system, refer to *BE Chapter 24-20-00.	Mech		
21.		PROPELLER OVERSPEED GOVERNOR: Operational Check of overspeed governor per *BE Chapter 61-20-00.	Left	Right	
22.		GROUND FINE CHECK: Perform Ground Fine Check, per *BE Chapter 76-10-00.	Left	Right	
23.		BLEED AIR PRESSURE REGULATOR/SHUTOFF VALVE: Check environmental bleed air one side at a time and listen for the ACM to spoon up, per *BE Chapter 76-00-00.	Left	Right	Insp
24.		PROPELLER GOVERNOR CHECK: Perform prop gov check IAW SB 14236, as revised.	Left	Right	Insp
25.		POST MAINTENANCE CHECK & POST MAINTENANCE RUNS: Leak check and ops check all systems that have required maintenance during this Detail inspection.	Mech		Insp
		PERFORM FIRST FLIGHT OF THE DAY CHECKS: Perform first flight of the day checks on post maintenance run IAW the Flight Crews Checklist.	Mech		Insp

I have examined this entire document and determined that each item has been completed.
 Any deferred items meet the requirements of the Maintenance Procedures Manual.

Foreman's Signature: _____

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AIRCRAFT INFORMATION		
A/C S/N	DATE	W/O #
FHM	TOTAL TIME	CYCLES
FORMS REQUIRED		
<ol style="list-style-type: none">1. Third DETAILED Inspection Form #260.004.2. Aircraft Maintenance Record.3. Routine Inspection Form must be accomplished in conjunction with this Detailed Inspection to comply with Continuous Inspection Regulations.		
REFERENCE MATERIAL		
<ol style="list-style-type: none">1. Beechcraft 1900D Airliner Wiring Diagrams Manual.2. Beechcraft 1900D Airliner Maintenance Manual.3. Beechcraft 1900D Airliner Series Component Maintenance Manual. <p>* BE = Beechcraft 1900 Airliner Maintenance Manual, as revised and current airworthiness directives.</p> <p>* PWC = Pratt and Whitney Canada PT6A-67D Maintenance Manual, as revised and current airworthiness directives.</p>		
INSPECTION PROCEDURES		
<ol style="list-style-type: none">1. Fill out the headings on each form in its entirety.2. When each item is inspected, the responsible person will make entries as required and will stamp in the space provided in the right hand column.3. List all discrepancies found on the Aircraft Maintenance Record form.4. Each discrepancy is to be stamped off by the mechanic, if it is an RII item then the inspector must also inspect the completed work and stamp off the discrepancy when the work is approved.5. Any maintenance task not applicable, should be marked N/A by the mechanic or inspector. Any space which is shaded is not required to be stamp.		

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PANEL NUMBERS	DESCRIPTION	STAMP	
REMOVE THE FOLLOWING CABIN FLOORBOARD PANELS			
		Mech	Insp
121AT	Nose gear steering potentiometer, brake plumbing. (ref. Figure 4)		
121BT	Rudder bell crank. (ref. Figure 4)		
121CT	Control cables, hydraulic plumbing. (ref. Figure 4)		
122AT	Brake plumbing. (ref. Figure 4)		
122BT	Rudder bell crank. (ref. Figure 4)		
122CT	Hydraulic lines. (ref. Figure 4)		
122DT	Power steering amplifier control box. (ref. Figure 4)		
131AT	Air conditioning ducts, flight control cables. (ref. Figure 4)		
133ATC	Parking brake valve, power supply board, thermocouple resistor, fuel control panel, circuit board feeders, avionics feeder, prop sync control box circuit breaker panel. (A187) (ref. Figure 4)		
141AT	Air conditioning ducts, flight control cables. (ref. Figure 4)		
142AT	Air conditioning ducts, flight control cables. (ref. Figure 4)		
143ATC	Deice boot valve, hyd plumbing, P.C. board card rack, break deice control module. (ref. Figure 4)		
151AT	Air conditioning ducts, flight control cables. (ref. Figure 4)		
152AT	Air conditioning ducts, flight control cables. (ref. Figure 4)		

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PANEL NUMBERS	DESCRIPTION	STAMP	
REMOVE THE FOLLOWING CABIN FLOORBOARD PANELS			
		Mech	Insp
153ATC	Pneumatic press regulator bleed air fail warning press switch, forward vent blower & evaporator, P.C. board relay rack. (ref. Figure 4)		
161AT	Air conditioning ducts, recirculating ejector, flight control cables. (ref. Figure 4)		
162AT	Air conditioning ducts, duct air temp sensor, conditioned air flapper valve, flight control cables. (ref. Figure 4)		
163ATC	Main crossover electrical connector. (ref. Figure 4)		
161BT	Air conditioning ducts, flight control cables. (ref. Figure 4)		
162BT	Air conditioning ducts, impact switch, hyd plumbing, flight control cables. (ref. Figure 4)		
163BTC	Aileron servo for autopilot, flap motor & relays, LH & RH generator panel, over voltage switch, bleed air overtemp module, fire extinguisher monitor module & connector, prop deice timer, air conditioner command relay, bleed air manifold. (ref. Figure 4)		
171AT	Air conditioning ducts, aileron main quadrant, flight control cables. (ref. Figure 4)		
171BT	Air conditioning ducts, flight control cables. (ref. Figure 4)		
171CT	Air conditioning ducts, flight control cables. (ref. Figure 4)		

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PANEL NUMBERS	DESCRIPTION	STAMP	
REMOVE THE FOLLOWING CABIN FLOORBOARD PANELS			
		Mech	Install
172AT	Air conditioning ducts, flight control cables. (ref. Figure 4)		
172BT	Air conditioning ducts, pressure switches. (ref. Figure 4)		
172CT	Air conditioning ducts, flight control cables. (ref. Figure 4)		
173ATC	Beacon light, radio altimeter, vapor cycle pressure switches. (ref. Figure 4)		
171DT	Air conditioning ducts, trim tab control cables. (ref. Figure 4)		
172DT	Flight control cables. (ref. Figure 4)		
173DTC	Air conditioning ducts. (ref. Figure 4)		
173BTC	Air conditioning ducts, air conditioner aft vent blower, high & low speed blower motor relay, expansion valve. (ref. Figure 4)		
173CTC	Air conditioning ducts, deice plumbing, cockpit voice recorder impact switch, antennas. (ref. Figure 4)		
REMOVE THE FOLLOWING LEFT NACELLE/COWLING ACCESS PANELS			
411AT	Upper forward cowling. (ref. Figure 5)		
412ATC	Aft upper center cowling. (ref. Figure 5)		
413R	Right plenum panel. (ref. Figure 5)		
413L	Left plenum panel. (ref. Figure 5)		
414L	Outboard accessory panel. (ref. Figure 5)		

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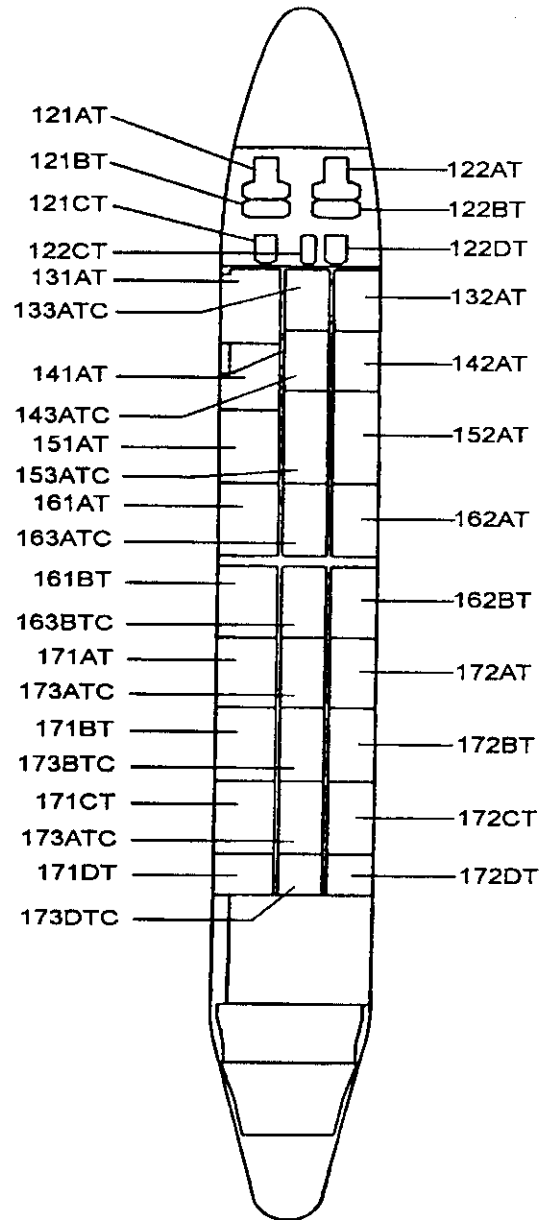
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PANEL NUMBER	DESCRIPTION	STAMP	
REMOVE THE FOLLOWING LEFT NACELLE/COWLING ACCESS PANELS			
		Mech	Insp
415R	Lower inboard accessory panel. (ref. Figure 5)		
416R	Upper inboard accessory panel. (ref. Figure 5)		
REMOVE THE FOLLOWING RIGHT NACELLE/COWLING ACCESS PANELS			
421AT	Upper forward cowling. (ref. Figure 5)		
423R	Right plenum panel. (ref. Figure 5)		
423L	Left plenum panel. (ref. Figure 5)		
422ATC	Aft upper center cowling. (ref. Figure 5)		
424R	Outboard accessory panel. (ref. Figure 5)		
425L	Lower inboard accessory panel. (ref. Figure 5)		
426L	Upper inboard accessory panel. (ref. Figure 5)		
REMOVE THE FOLLOWING SEATS			
	Seat at row 1 left		
	Seat at row 1 right		
	Seat at row 5 left		
	Seat at row 5 right		
	Pilot's seat		
	Co-pilot's seat		

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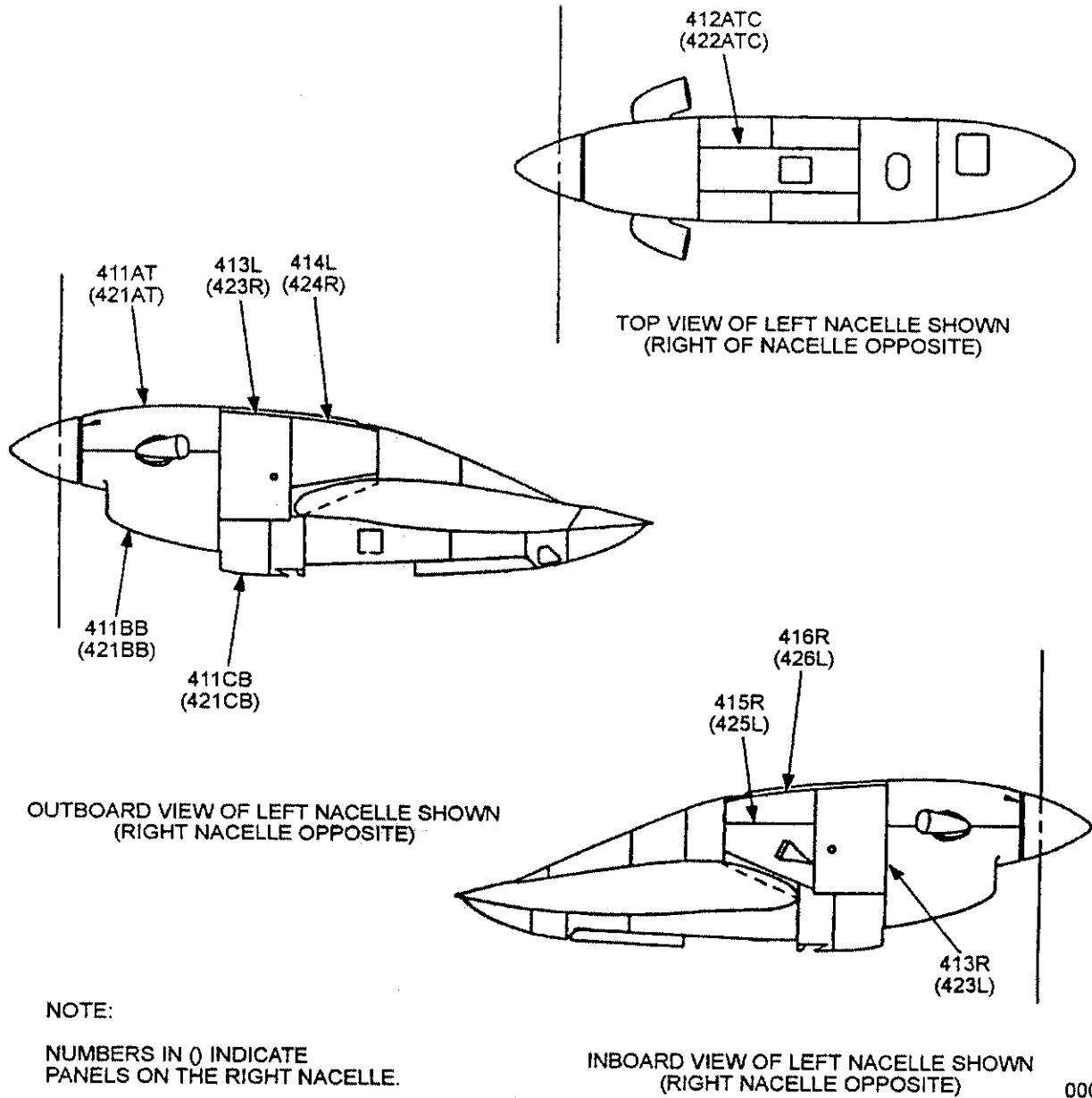
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CABIN FLOORBOARD PANELS
FIGURE 4

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NACELLE/COWLING ACCESS PANELS
FIGURE 5

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#	ZONE	DESCRIPTION	STAMPS		
FLIGHT COMPARTMENT					
1.	121-122 231-232	FLIGHT CONTROL COMPONENTS, CABLES AND PULLEYS: Inspect the control system components (pushrods, turnbuckles, end fittings, castings, etc. for bulges, splits bends or cracks. Check control cables, pulley and associated equipment for condition, attachment, alignment, clearance, and proper operation. Inspect cables for broken strands or evidence of corrosion. Check aileron cable tension per *BE Chapter 27-10-03. Temperature _____ degrees °F. Control Column interconnection Cable Tension: _____. 1/8" Aileron Cable Tension: LT_____ RT_____.	Left	Right	Insp
			Left	Right	Insp
			Left	Right	Insp
			Left	Right	Insp
2.	121-122 730-740	BRAKE SYSTEM: Visually check brake system components for leakage. Inspect brake master cylinder and brake line plumbing for condition, operation, and attachment. Inspect brake pedals and linkage for travel, wear, damage, operation, and attachment. Inspect parking brake for correct release. Inspect handle for security, per *BE 32-40-00.	Left	Right	Insp
			Left	Right	Insp
			Left	Right	Insp
			Left	Right	Insp
3.	120-121	RUDDER PEDALS/ARMS: Check rudder pedals/arms for condition, clearance and attachment. Inspect, if any looseness observed remove the two pivot bolts of each pedal and thoroughly examine the pivot holes and adjacent area per *BE Chapter 27-20-03.	Left	Right	Insp
			Left	Right	Insp

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#	ZONE	DESCRIPTION	STAMP		
FLIGHT COMPARTMENT					
4.	120	BRAKE RESERVOIR PRESSURE EQUALIZATION LINE ORIFICE AND FILTER: Clean per *BE Chapter 32-40-04.	Mech		Insp
5.	246-247 248-249	INSTRUMENT PLUMBING AND WIRING: Inspect instrument panel for condition, and attachment. Inspect subpanels, for condition, and attachment. Inspect placards for condition. Inspect shock mounts for condition and attachment. Inspect instruments, for condition and attachment. Inspect instrument plumbing and wiring for condition, attachment, chafing, etc.	Left	Right	
			Left	Right	
			Left	Right	
			Left	Right	
			Left	Right	
			Left	Right	
6.	254-255	CONTROL COLUMN: Check for condition, attachment and freedom of movement. Check flight control lock for condition, positive locking and alignment. Inspect extension cord for deterioration and damage. Check control wheel switches for operation and damage.	Left	Right	Insp
			Left	Right	Insp
			Left	Right	Insp
			Left	Right	Insp
7.		WINDOWS AND FRAMES: Inspect the windows and seals for deterioration. Clean the side window interior side, per *BE Chapter 56. Inspect the outer window for chips, excessive crazing and other damage, per *BE Chapter 56-10-02.	Left	Right	
			Left	Right	
			Left	Right	Insp

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#	ZONE	DESCRIPTION	STAMP		
FLIGHT COMPARTMENT					
8.	220-221 253	ELECTRICAL EQUIPMENT: Check operation of all lights. Check switches, knobs and circuit breakers for looseness and condition. On airplanes equipped with optional electric pitch trim, examine wires for chafing, proper separation or protection form other wires. Check inverter select relay wiring for proper connection and chafing. Check all wiring for chafing, security, etc.	Mech		Insp
			Mech		Insp
			Mech		Insp
			Mech		Insp
			Mech		Insp
9.	240	ALTERNATE STATIC AIR SOURCE: Visually check tubing and hardware for security, per *BE Chapter 34-10-00.	Left	Right	
10.		SEATS AND SEAT BELTS: Check seats and seat belts for condition and attachment, per *BE Chapter 25-00-00.	Left	Right	Insp
11.		SEAT CABLES: Inspect seat cable for proper operation and fraying. Check all hardware for condition and security.	Left	Right	Insp
12.		SEAT TRACKS: Check seat tracks for wear, per *BE Chapter 53-40-00. Clean seat tracks.	Left	Right	Insp
13.	241-242	PITOT STATIC SYSTEM: Visually inspect pitot / static masts for damage or destruction. Open drain valves until all moisture is drained. Visually inspect instruments for broken glass, cleanliness, and correct indication.	Left	Right	Insp
			Left	Right	Insp
			Left	Right	Insp
14.		WINDSHIELDS: Inspect windshields for anti-static coating and anti-static tab bonding as outlined in *BE Chapter 56-10-00.	Left	Right	Insp

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#	ZONE	DESCRIPTION	STAMP		
FLIGHT COMPARTMENT					
15.		ENGINE CONTROL LEVERS: Inspect the pedestal lever stop pin for wear. A groove 0.03 inch or less is acceptable. Inspect the forward and aft edges of the levers to ensure that the wear does not exceed 1/4 inch into the material. Check the sides of the condition levers for wear. A groove of 0.03 inch or less is acceptable.	Left	Right	Insp
16.		LIFE VEST: Check life vest for proper location and seal of plastic bag, no openings are allowed. Replace within 30 days of expiration provided a spare is in stock. (Expires one year form date of installation). Record the S/N of each life vest and the dates each life vest will expire. LH S/N _____ EXP _____ RH S/N _____ EXP _____ SPARE S/N _____ EXP _____	Left	Right	Insp
17.	243	PRESSURIZATION CONTROLLER: Inspect for security of attachment and damage. Check wiring for damage and security. Check plumbing for leaks.	Mech		Insp
			Mech		Insp
			Mech		Insp
18.	243	PRESSURIZATION CONTROLLER FILTER: Inspect and clean filter as instructed in *BE Chapter 21-30-00.	Mech		
CABIN SECTION					
1.	261 262 271 272	SKIN: Inspect skin for condition and loose or missing rivets. If damage is found, check adjacent structure.	Mech		Insp
2.		STRUCTURE: Check for cracks, loose or missing rivets and concealed damage.	Mech		Insp
3.	163	AILERON QUADRANT: Check for security, attachment and proper travel.	Mech		Insp

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#	ZONE	DESCRIPTION	STAMP		
CABIN SECTION					
4.	260 261	BELLY DRAIN VALVES: Inspect for possible obstructions or deterioration.	Mech		Insp
5.	131 132 141 142 151 152 161 162	FLIGHT CONTROL COMPONENTS, CABLES AND PULLEYS: Inspect the control system components (pushrods, turnbuckles, end fittings, castings, etc.) for bulges, splits, bends or cracks.	Left	Right	Insp
	171 172	Check control cables, pulleys and associated equipment for condition, attachment, alignment, clearance, and proper operation.	Left	Right	Insp
		Check cable tension per *BE Chapter 27.	Left	Right	Insp
6.	163	FLAP MOTOR AND DRIVES: Inspect for condition and attachment.	Left	Right	Insp
		NOTE: Observe motor duty cycles.			
		Lubricate as instructed in *BE Chapter 12-20-00.	Left	Right	
		Check flap flex shafts for nicks, cuts, cracks, and corrosion.	Left	Right	
7.	271 272	WINDOWS: Inspect windows and window seals for deterioration.	Mech		
		Inspect the outer window for chips, excessive crazing and other damage as per *BE Chapter 56-20-00.	Mech		
8.	850	CABIN ENTRANCE DOOR: Inspect door, hinge, seal, latching mechanism, and cables for damage, broken strands, scratches, paint blistering, condition and security of attachment. Check lights for proper operation.	Mech		Insp
9.	850	CABIN CARGO DOOR: Inspect doors, seals and latching mechanism for condition and security of attachment.	Mech		Insp

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#	ZONE	DESCRIPTION	STAMP		
CABIN SECTION					
10.		SEATS AND SEAT BELTS: Check seats and seat belts for condition and attachments.	Mech		Insp
11.	830 840	EMERGENCY EXIT DOORS: Check inside & outside emergency release handles & latch mechanism for proper operation. Check that hatch opens and closes freely.	Left	Right	Insp
			Left	Right	Insp
		Lubricate per * BE Chapter 12-20-00.	Left	Right	
		Check hatch for condition, and all moving parts for proper operation.	Left	Right	Insp
		Check for proper latching and seal of closed hatch, per *BE Chapter 52-20-00.	Left	Right	Insp
12.	133 143 153 163	ELECTRICAL WIRING AND EQUIPMENT: Inspect wiring & electrical equipment for condition & attachment. Check cabin and compartment lights for condition and attachment. Replace bulbs and necessary.	Mech		Insp
			Mech		Insp
13.	153	EJECTOR AND DEICER DISTRIBUTOR VALVE: Check equipment & plumbing for security & condition.	Mech		
14.	161 162	CONTROL CABLE SEALS: Check for condition, security and cleanliness.	Mech		
15.	153 173	VENT BLOWER ASSEMBLY (EVAPORATOR): Check for security of attachment; check wiring for security and attachment, per *BE Chapter 21-20-00. Check blower brushes for condition and wear. Life remaining: FWD _____ AFT _____	Mech		Insp
16.	180	FDR: Inspect for security and mounting. Replace battery if it expires within 30 days, if spares are in stock. S/N _____ EXP DATE _____	Mech		Insp
17.	180	CVR: Inspect for security and mounting. Replace battery if it expires within 30 days, if spares are in stock. S/N _____ EXP DATE _____	Mech		Insp

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#	ZONE	DESCRIPTION	STAMP		
POWERPLANT					
1.	410 420	IGNITER PLUGS: Inspect and clean IAW *PWC 74-26-62 or *BE 74-00-00.	Left	Right	Insp
2.	410 420 400	ENGINE OIL FILTER: Inspect oil filter for metal particles as described in the *PWC 79-20-02.	Left	Right	Insp
3.		PLUMBING: Inspect plumbing and associated equipment for condition and attachment.	Left	Right	Insp
4.		STARTER GENERATOR: Inspect brushes for indication of excessive wear or damage (determine wear by observing diagonal groove on brush). Refer to *BE Chapter 24-30-01. Life remaining LT _____ RT _____	Left	Right	Insp
5.	410 420	MAGNETIC CHIP DETECTOR: Inspect and clean chip detector as per *BE Chapter 79-30-00.	Left	Right	Insp
6.	400	ENGINE MOUNTS: Inspect isolator mounts for signs of elastomer debond, cracks in the rubber, large permanent set or static wick droop. Check each mount with a finger (not nail) to see if rubber is cooked or hardened. Replace or repair the mount if any of the above conditions are found. All mounts on an engine must be of the same manufacturer and carry the same P/N. The mount may be rebuilt by replacing the rubber cushion. Refer to *BE CMM Chapter 71-20-00 for inspection criteria. NOTE: If any isolator mounts have dislodged from their bracket positioning pins, perform HARD LANDING & TURBULENT AIR INSPECTION.	Left	Right	Insp
7.	400	ENGINE MOUNT TRUSS: Visually inspect the engine forward mount truss assembly for cracks chafing, and dents IAW S.I.M. "H" check. Check torque on truss mount bolts IAW 71-20-00.	Left	Right	Insp
8.	410 420 400	ENGINE FIRE LOOPS: Inspect for condition and security of fire loops, clamps and grounds.	Left	Right	Insp

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#	ZONE	DESCRIPTION	STAMP		
GENERAL SERVICE ITEMS					
9.		Inspect PT2 blades IAW S.I.L. PT6A-75.	Left	Right	Insp
10.		COWLINGS: Clean and inspect. Ensure cowlings are properly installed and safetied.	Left	Right	Insp
11.		ENGINE FIRE EXTINGUISHER: Check the condition of mounting bracket, ensure the ease of reading the gauge by the crew (clock the gauge).	Left	Right	Insp
GENERAL SERVICE ITEMS					
AIRPLANE LUBRICATION					
A.		RUDDER TRIM TAB HINGE: Lubricate with LPS-2. (ref. *Figure 5A)	Mech		
B.		FLAP MOTOR GEARBOX: Pack gearbox with MIL-G 10924 grease. (ref. Figure 5B)	Mech		
C.		FLAP LIMIT SWITCH LINK: Lubricate with LPS-2. (ref. Figure 5B)	Mech		
D.		FLAP TRACKS: Lubricate with Lubriplate Aero or Lubriplate 130AA. (ref. Figure 5B)	Mech		
E.		CONTROL CABLES AND CABLE PRESSURE SEALS: Clean and lubricate with Aeroshell #7 IAW Beech M/M 12-20-00, page 205. (ref. Figure 5B)	Mech		
F.		AILERON TRIM TAB ACTUATOR: Lubricate with Aeroshell #7. (ref. Figure 5B)	Mech		
G.		AILERON TRIM TAB HINGE: Lubricate with LPS-2. (ref. Figure 5B)	Mech		
H.		CABIN AIR STAIR DOOR HINGE: Lubricate with LPS-2. (ref. Figure 5C)	Mech		
I.		CABIN AIR STAIR CAM HOUSING GREASE FITTINGS: Lubricate with Aeroshell #7. (8 places) (ref. Figure 5C)	Mech		

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#	ZONE	DESCRIPTION	STAMP
GENERAL SERVICE ITEMS			
J.		CABIN AIRSTAIR DOOR CAM SURFACE OF PRESSURE LOCK: Lubricate with Aeroshell #7. (8 places)(ref. Figure 5C)	Mech
K.		CABIN AIR STAIR DOOR CAM LIP: Lubricate 8 places with Door Ease. (ref. Figure 5C)	Mech
L.		DOOR HANDLE GREASE FITTING: Lubricate with Aeroshell #7. (Not shown)	Mech
M.		EMERGENCY EXIT DOORS PIN GUIDES: Lubricate with Aeroshell #17. (6 places per door) (ref. Figure 5C)	Mech
N.		EMERGENCY EXIT DOOR PUSHROD, CLEVIS & PINS, OUTSIDE HANDLE, HOOK AND COUPLING: Lubricate with MIL-L-7870 low temp oil. (4 places per door)(ref. Figure 5C)	Mech
O.		CARGO DOOR CAM LOCKS: Lubricate with Door Ease. (ref. Figure 5D)	Mech
P.		CARGO DOOR PUSH ROD PIN AND BUSHING: Lubricate with LPS-2. (ref. Figure 5D)	Mech
Q.		CARGO DOOR LATCH PIN AND PLATE: Clean and lubricate with Door Ease. (ref. Figure 5D)	Mech
R.		CARGO DOOR HINGE: Lubricate with LPS-2. (ref. Figure 5D)	Mech
S.		ENGINE CAM BOX PLATE AND PINS: Lubricate with Lubricate #130AA. (ref. Figure 5E)	Mech
T.		FLIGHT COMPARTMENT ENGINE CONTROLS LINKAGE BUSHINGS AND PINS: Lubricate with Aeroshell #17. (ref. Figure 5F)	Mech
U.		NOSE LANDING GEAR DOOR HINGES AND RETRACT LINKAGE: Lubricate with LPS-2. (ref. Figure 5G)	Mech

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#	ZONE	DESCRIPTION	STAMP		
GENERAL SERVICE ITEMS					
V.		NOSE LANDING GEAR GREASE FITTINGS: Lubricate with Aeroshell #7. (12 places)(ref. Figure 5G)	Mech		
W.		NOSE LANDING GEAR UPPER AND LOWER STRUT BEARING: Lubricate with Aeroshell #17. (4 places)(ref. Figure 5G)	Mech		
X.		NOSE LANDING GEAR STEERING BELLCRANK GREASE FITTING: Lubricate with Aeroshell #7. (ref. Figure 5G)	Mech		
Y.		NOSE LANDING GEAR STEERING DISCONNECT CAM: Lubricate with Aeroshell #7. (ref. Figure 5G)	Left	Right	
Z.		MAIN LANDING GEAR GREASE FITTINGS: Lubricate with Aeroshell #7. (12 places)(ref. Figure 5H)	Left	Right	
AA		MAIN LANDING GEAR DOOR HINGES AND LINKAGES: Lubricate with LPS-2. (ref. Figure 5H)	Left	Right	
BB		MAIN LANDING GEAR DOOR RETRACT CAM: Lubricate with Aeroshell #7. (ref. Figure 5H)	Mech		
CC		CONTROL COLUMN CHAIN: Clean and lubricate with LPS-2. (ref. Figure 5I)	Left	Right	
DD		RUDDER PEDALS: Lubricate with LPS-2. (ref. Figure 5I)	Mech		
EE		ELEVATOR TRIM TAB HINGE: Lubricate with LPS-2. (ref. Figure 5I)	Mech		
FF		ELEVATOR TRIM TAB ACTUATOR: Lubricate by purging grease with Aeroshell #7. (ref. Figure 5I)	Mech		
2	248	EFIS: Verify operation of EADI and EHSI tube fans as appropriate.	Mech		
3	153 173	EVAPORATOR FILTER: Replace the evaporator filter as instructed in *BE Chapter 21-52-00.	Mech		

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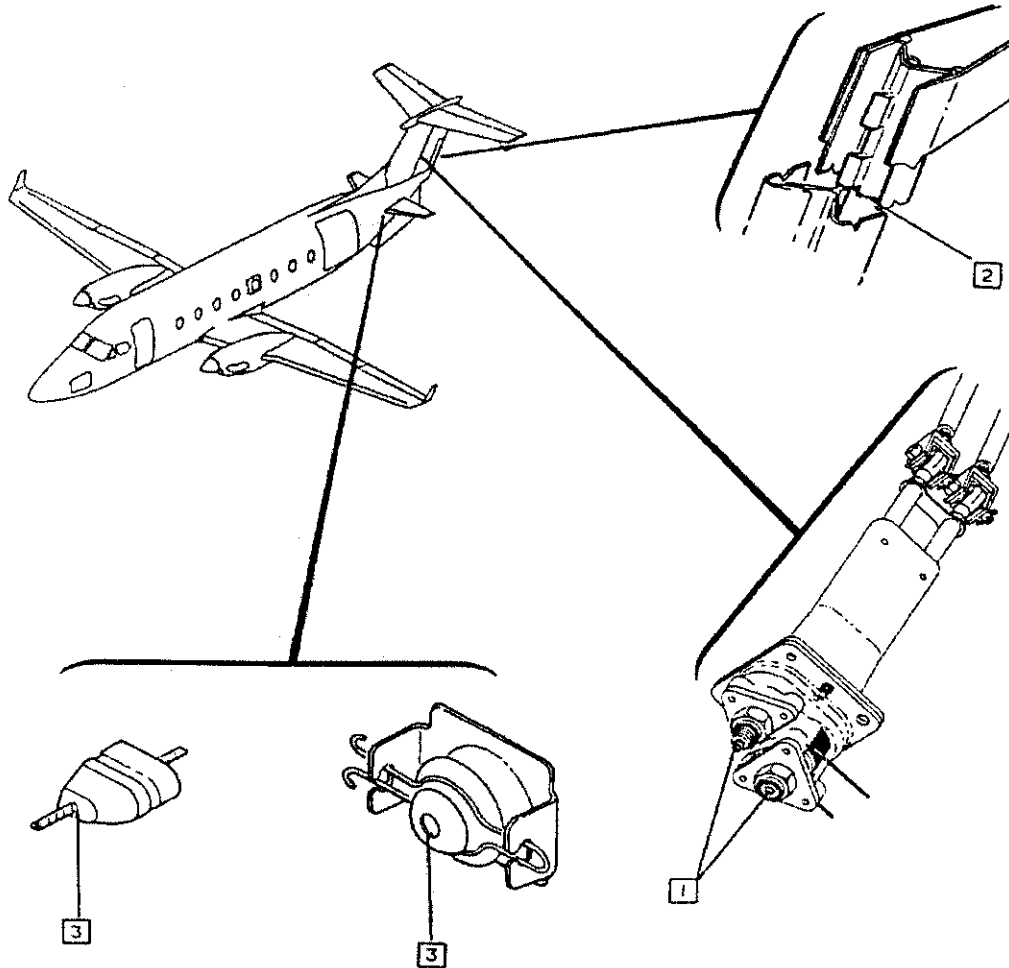
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GENERAL SERVICE ITEMS				
4	153 173	EVAPORATOR FILTER: Replace the evaporator filter as instructed in *BE Chapter 21-52-00.	Mech	
5	253	EXTERNAL POWER: Check the external power relay for operation.	Mech	
6	212	INSTRUMENT AIR FILTER: Inspect the air filter.	Mech	
7	110 241 242 262	PITOT AND STATIC AND PRESSURIZATION SYSTEMS: Open drain valves until all moisture is drained.	Mech	
8		PLACARDS: Verify that all placards are in place and legible. Refer to *BE Chapter 11-20-00.	Mech	Insp
9		LANDING GEAR FLUID: WARNING: Before checking the landing gear fluid level, the pressure must be released from the system by activating the manual bleed valve and relieving the pressure as instructed in *BE Chapter 12-10-00. Check the landing gear fluid reservoir for proper levels as instructed in *BE Chapter 12-10-00.	Mech	
10	511	AIR CYCLE MACHINE: Change the air cycle machine oil. Refer to *BE Chapter 21-51-00.	Mech	
11		AIRFRAME FILTERS: Check pop out pin, if pin is popped, clean filter IAW *BE Chapter 28-10-00.	Mech	

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Rudder Control System Lubrication (Effectivity: All)

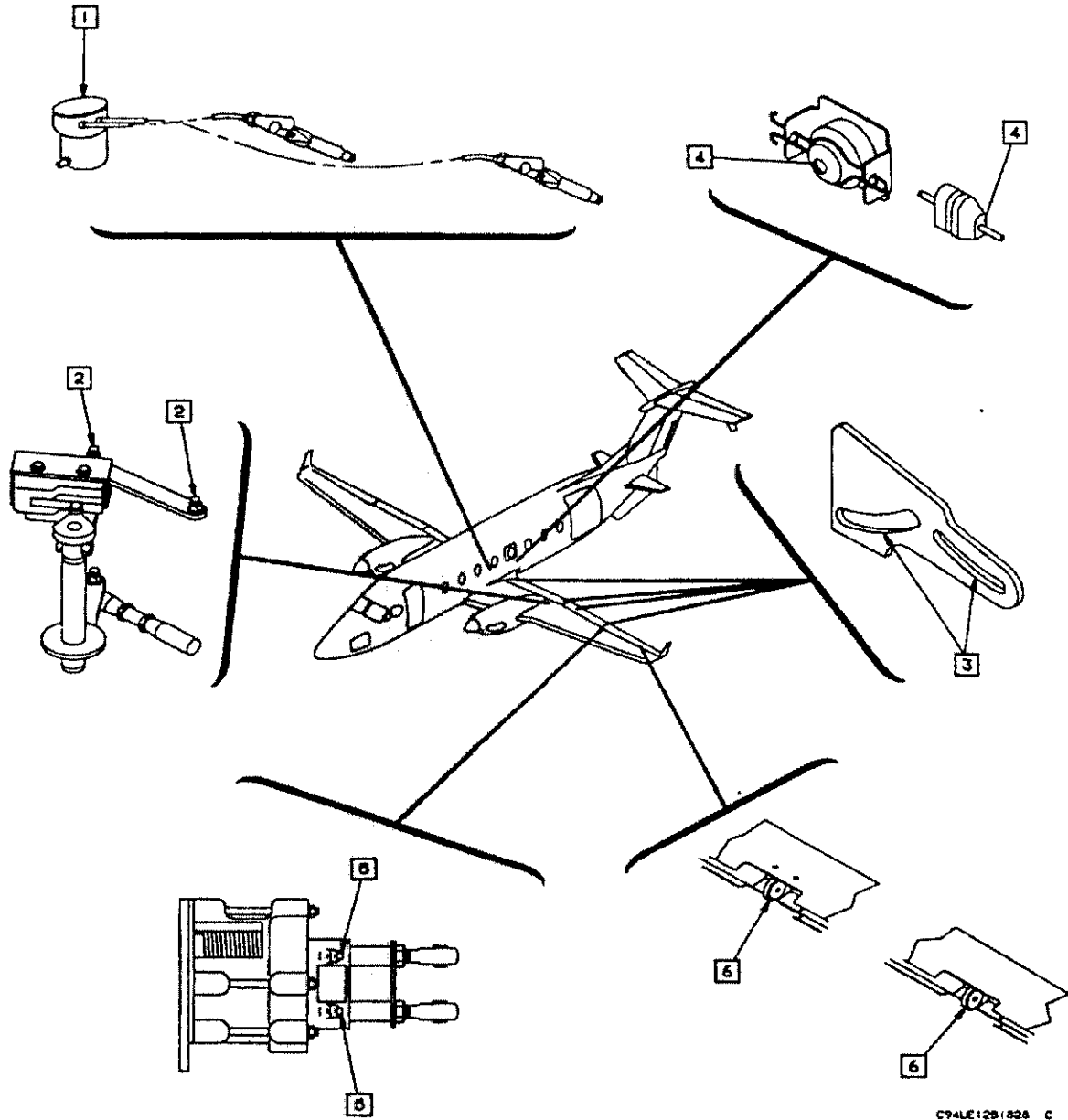
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FIGURE 5A

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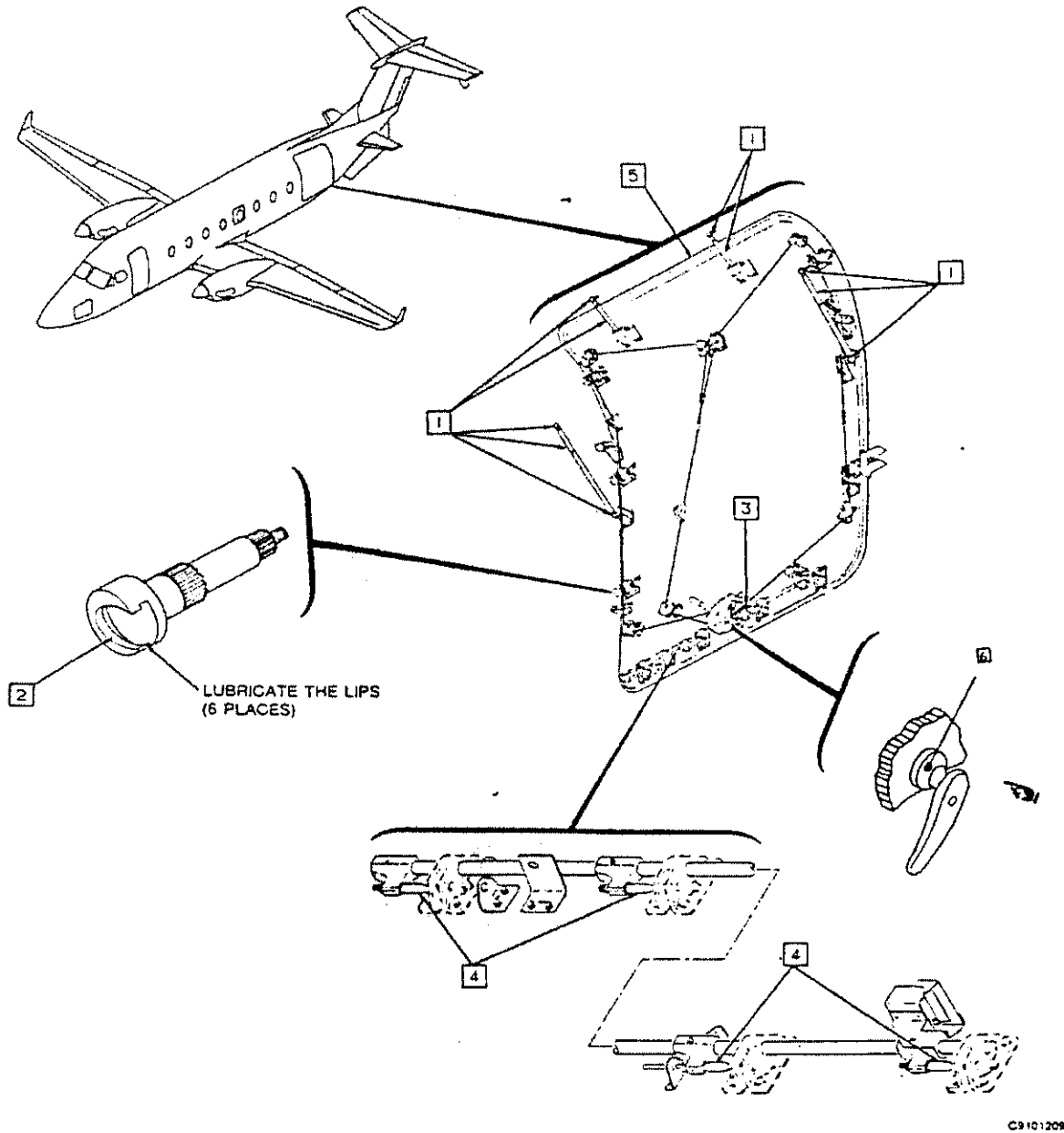


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Flap and Aileron Control System Lubrication (Effectivity: All)

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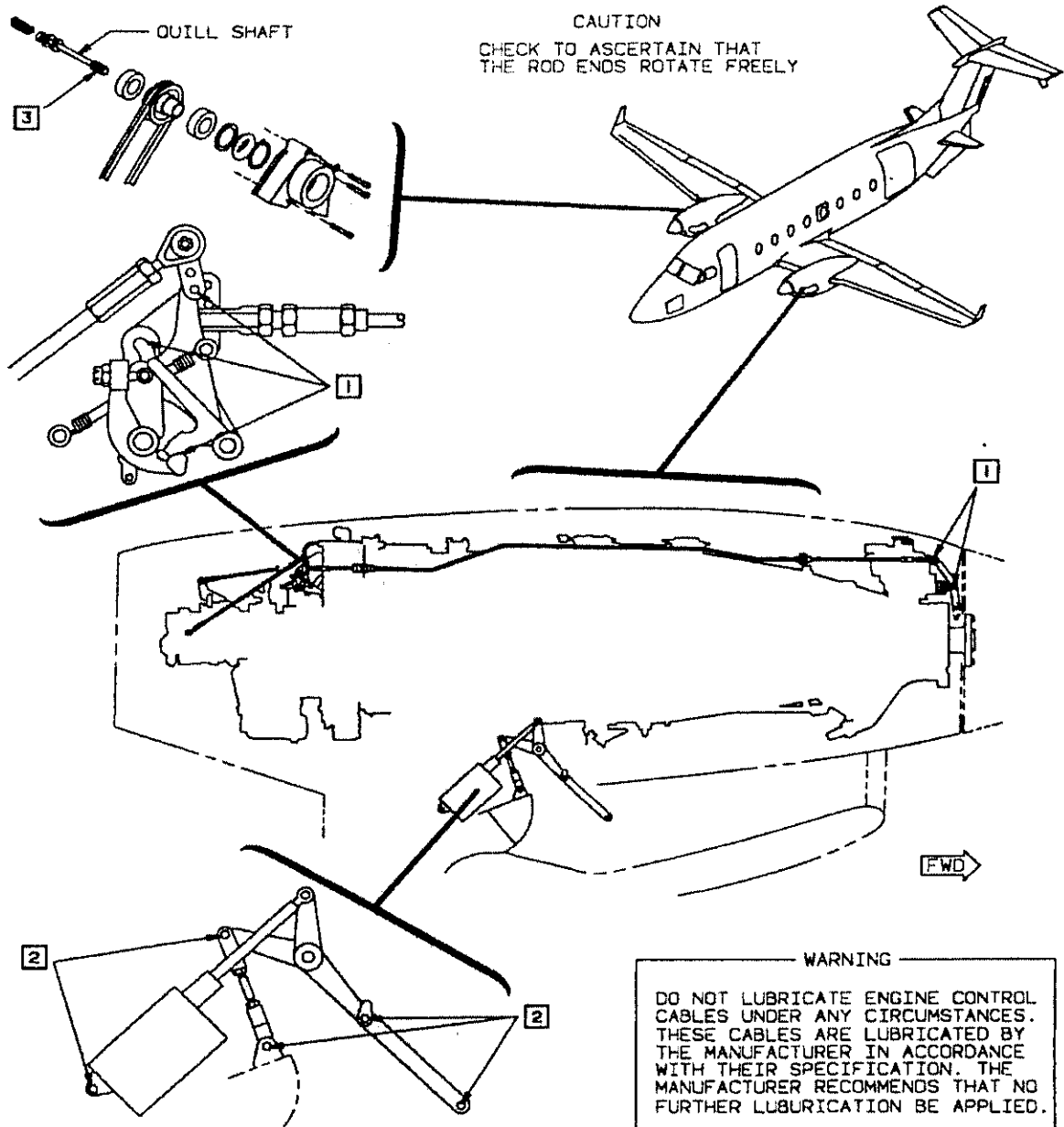
FIGURE 5B



Cargo Door Lubrication (Effectivity: All)

001305

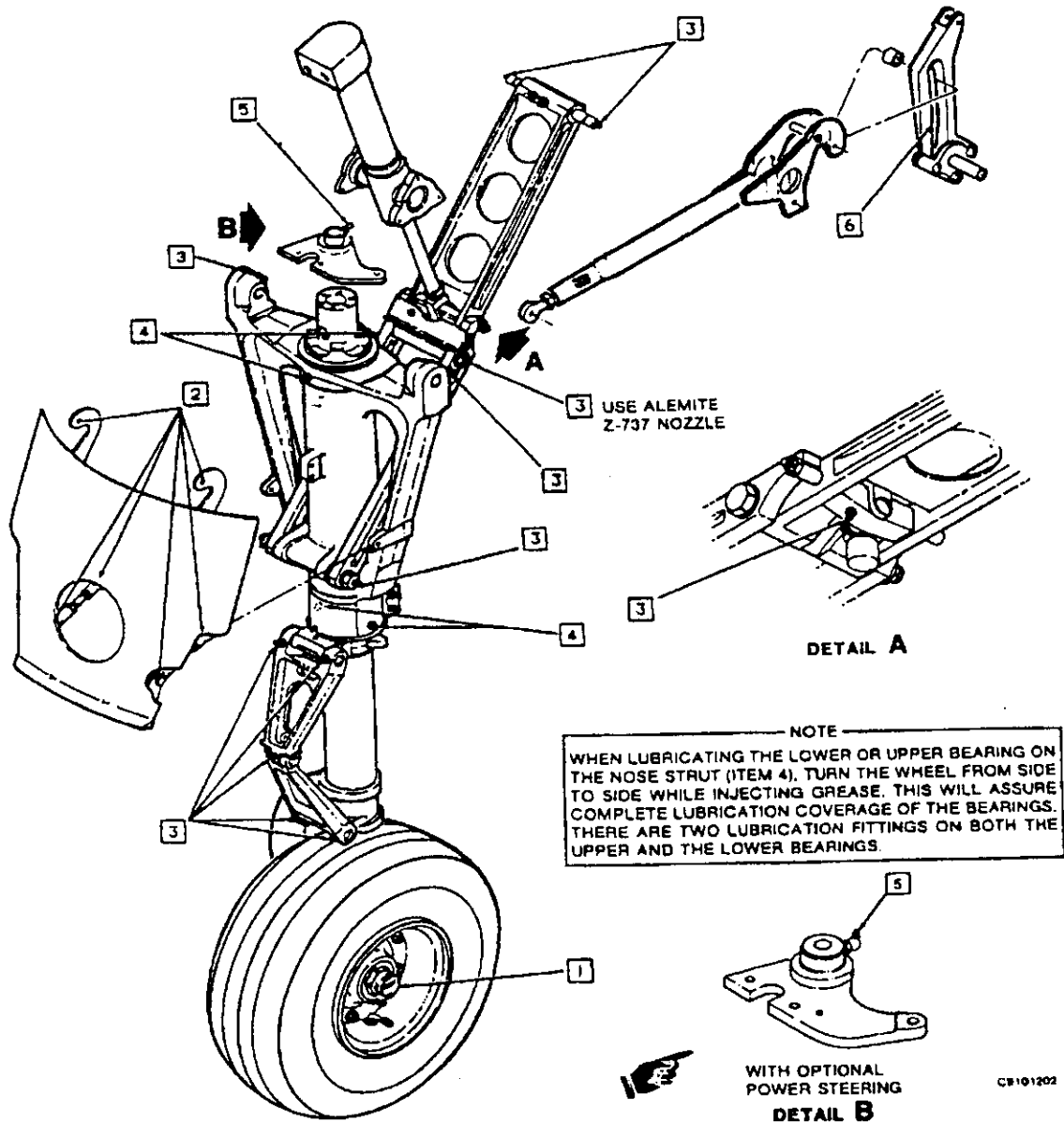
FIGURE 5D



Nacelle Engine Controls and Inertial Anti-Ice Lubrication
(Effectivity: All)

001296

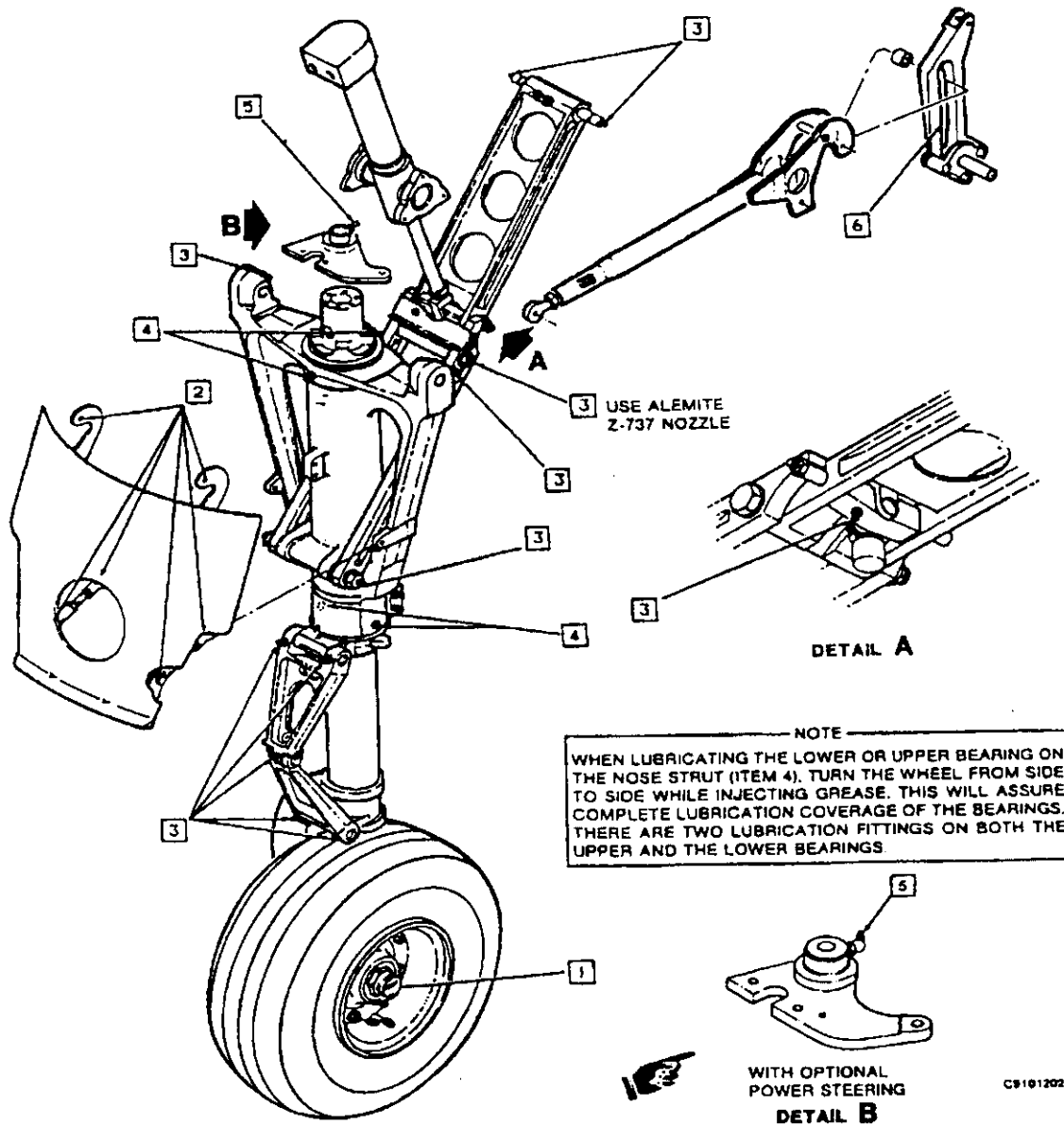
FIGURE 5E



Nose Landing Gear Lubrication (Effectivity: All)

001298

FIGURE 5G



Nose Landing Gear Lubrication (Effectivity: All)

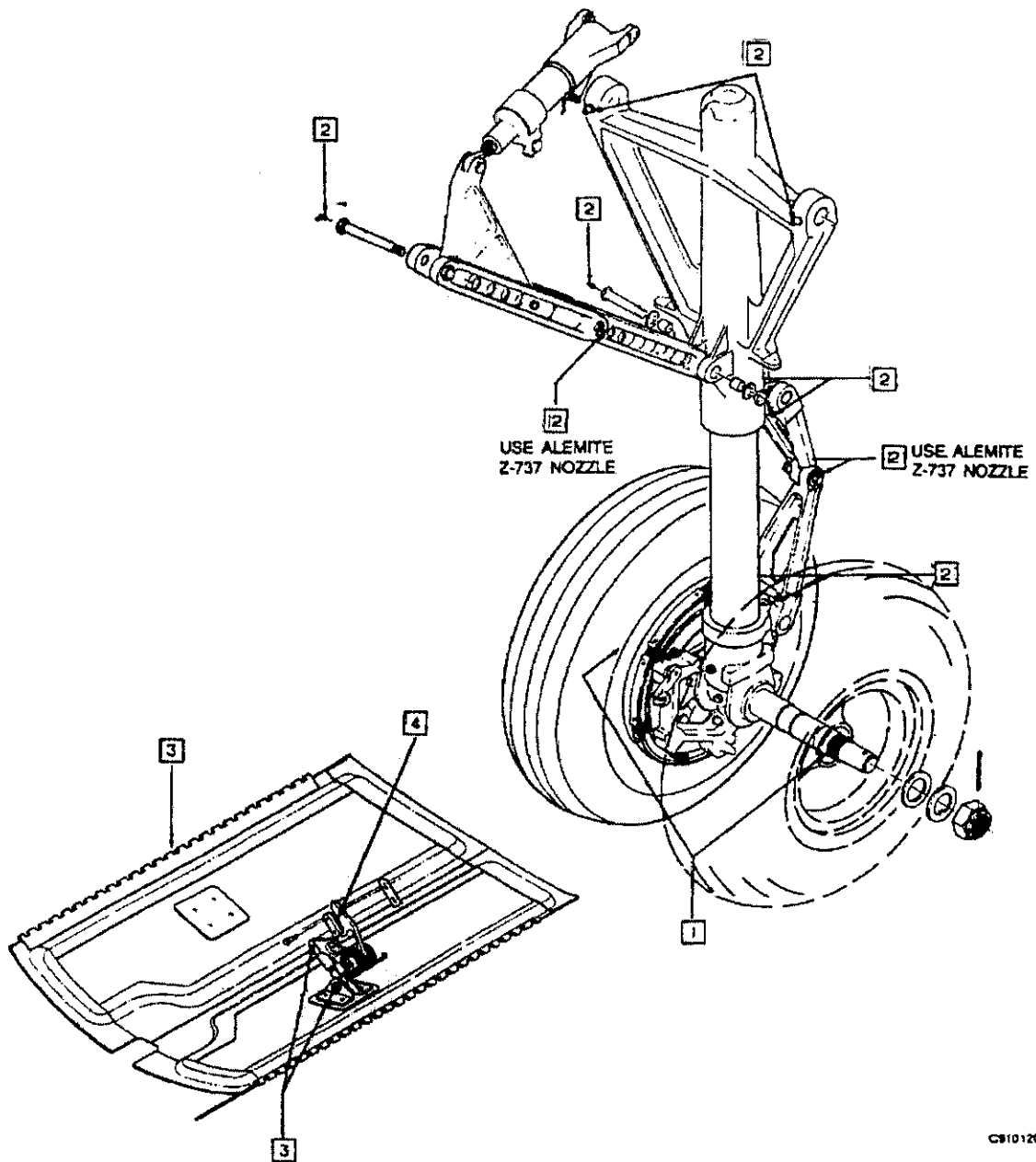
001298

FIGURE 5G

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Main Landing Gear Lubrication (Effectivity: All)

CS101209

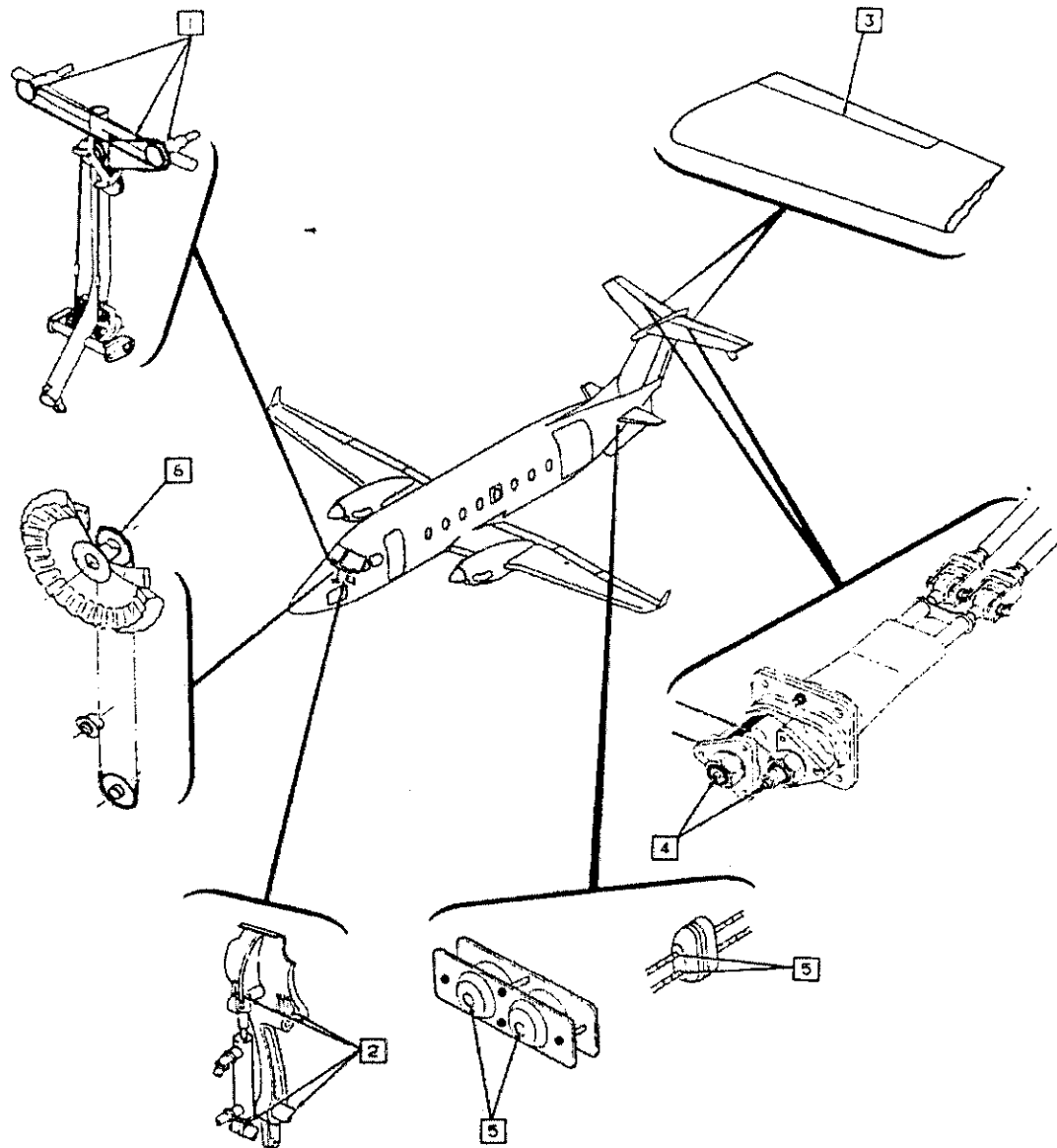
001299

FIGURE 5H

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Flight Compartment and Elevator Controls Lubrication
(Effectivity: All)

C9101204

001300

FIGURE 51

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PANEL NUMBER	DESCRIPTION	STAMP	
		Mech	Install
INSTALL THE FOLLOWING CABIN FLOORBOARD PANELS			
121AT	Nose gear steering potentiometer, brake plumbing. (ref. Figure 4)		
121BT	Rudder bellcrank. (ref. Figure 4)		
121CT	Control cables, Hydraulic plumbing. (ref. Figure 4)		
122AT	Brake plumbing. (ref. Figure 4)		
122BT	Rudder bellcrank. (ref. Figure 4)		
122CT	Hydraulic lines. (ref. Figure 4)		
122DT	Power steering amplifier control box. (ref. Figure 4)		
131AT	Air conditioning ducts, flight control cables. (ref. Figure 4)		
133ATC	Parking brake valve, power supply board, thermocouple resistor, fuel control panel, circuit board feeders, avionics panel, circuit board feeders, avionics feeder, prop sync control box, circuit breaker panel (A187). (ref. Figure 4)		
141AT	Air conditioning ducts, flight control cables. (ref. Figure 4)		
142AT	Air conditioning ducts, flight control. (ref. Figure 4)		
143ATC	Deice boot valve, hydraulic plumbing, P.C. board card rack, break deice control module. (ref. Figure 4)		
151AT	Air conditioning ducts, flight control cables. (ref. Figure 4)		
152AT	Air conditioning ducts, flight control cable. (ref. Figure 4)		

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PANEL NUMBER	DESCRIPTION	STAMP	
INSTALL THE FOLLOWING CABIN FLOORBOARD PANELS			
		Mech	Install
153ATC	Pneumatic press regulator, bleed air fail warning press switch, forward vent blower & evaporator, P.C. board relay rack . (ref. Figure 4)		
161AT	Air conditioning ducts, recirculating ejector, flight control cables. (ref. Figure 4)		
162AT	Air conditioning ducts, duct air temp sensor, conditioned air flapper valve, flight control cables. (ref. Figure 4)		
163ATC	Main crossover electrical connector. (ref. Figure 4)		
161BT	Air conditioning ducts, flight control cables. (ref. Figure 4).		
162BT	Air conditioning ducts, impact switch, hydraulic plumbing, flight control cables. (ref. Figure 4).		
163BTC	Aileron servo for autopilot, flap motor & relays, LH & RH generator panel, over voltage switch, bleed air overtemp module, fire extinguisher monitor module & connector, prop deicer timer, air conditioner command relay, bleed air manifold. (ref. Figure 4)		
171AT	Air conditioning ducts, aileron main quadrant, flight control cables. (ref. Figure 4)		
171BT	Air conditioning ducts, flight control cables. (ref. Figure 4)		
171CT	Air conditioning ducts, flight control cables. (ref. Figure 4)		

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PANEL NUMBER	DESCRIPTION	STAMP	
INSTALL THE FOLLOWING CABIN FLOORBOARD PANELS			
		Mech	Install
172AT	Air conditioning ducts, flight control cables. (ref. Figure 4)		
172BT	Air conditioning ducts, pressure switches. (ref. Figure 4)		
172CT	Air conditioning ducts, flight control cables. (ref. Figure 4)		
173ATC	Beacon light, radio altimeter, vapor cycle pressure switches. (ref. Figure 4)		
171DT	Air conditioning ducts, trim tab control cables. (ref. Figure 4)		
172DT	Flight control cables. (ref. Figure 4)		
173DTC	Air conditioning ducts. (ref. Figure 4)		
173BTC	Air conditioning ducts, air conditioner aft vent blower, high & low speed blower motor relay, expansion valve. (ref. Figure 4)		
173CTC	Air conditioning ducts, deice plumbing, cockpit voice recorder impact switch, antennas. (ref. Figure 4)		
INSTALL THE FOLLOWING LEFT FACELLE/COWLING ACCESS PANELS			
411AT	Upper forward cowling. (ref. Figure 5)		
412ATC	Aft upper center cowling. (ref. Figure 5)		
413R	Right plenum panel. (ref. Figure 5)		
413L	Left plenum panel. (ref. Figure 5)		
414L	Outboard accessory panel. (ref. Figure 5)		

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PANEL NUMBER	DESCRIPTION	STAMP	
INSTALL THE FOLLOWING LEFT NACELLE/COWLING ACCESS PANELS			
		Mech	Install
415R	Lower inboard accessory panel. (ref. Figure 5)		
416R	Upper inboard accessory panel. (ref. Figure 5)		
INSTALL THE FOLLOWING RIGHT NACELLE/COWLING ACCESS PANELS			
421AT	Upper forward cowling. (ref. Figure 5)		
423R	Right plenum panel. (ref. Figure 5)		
423L	Left plenum panel. (ref. Figure 5)		
422ATC	Aft upper center cowling. (ref. Figure 5)		
424R	Outboard accessory panel. (ref. Figure 5)		
425L	Lower inboard accessory panel. (ref. Figure 5)		
426L	Upper inboard accessory panel. (ref. Figure 5)		
INSTALL THE FOLLOWING SEATS			
	Seat at row 1 left		
	Seat at row 1 right		
	Seat at row 5 left		
	Seat at row 5 right		
	Pilot's seat		
	Co-pilot's seat		

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#	ZONE	DESCRIPTION	STAMP		
OPERATIONAL INSPECTION					
1.		CHECK the triple fed bus feeder diodes for open or shorted diodes as instructed in *BE Chapter 24-50-00.	Mech		
2.		ENVIRONMENTAL OPERATIONAL OVERPRESSURE CHECK: Perform operational test in *BE Chapter 21-11-00.	Mech		
3.		ENVIRONMENTAL OPERATIONAL OVER TEMPERATURE TEST: Perform the operational test in *BE Chapter 21-11-00.	Mech		
4.		PROPELLER DEICER: Perform the propeller deicer system inspections in accordance with *BE Chapter 30-60-00.	Left	Right	
5.		GROUND PERFORMANCE CHECK: Perform the ground performance check with zero power extraction in accordance with the procedures in *BE Chapter 76-10-00. If only one engine performance parameter is found to be outside the expected limits, confirm the accuracy of the appropriate indicating system before making any engine adjustments. AFTER ENGINE SHUTDOWN: Inspect the engine for oil and fuel leaks, security and attachment of all components.	Left	Right	
			Left	Right	Insp
6.		CONDITION LEVERS: Check for clean shutdown at IDLE CUT OFF.	Left	Right	
7.		INVERTER SYSTEM OPERATIONAL CHECK: Perform operational check of the inverter system, refer to *BE Chapter 24-20-00.	Mech		

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#	ZONE	DESCRIPTION	STAMP		
OPERATIONAL INSPECTION					
8.		GROUND FINE CHECK: Perform Ground Fine Check, per *BE Chapter 76-10-00.	Left	Right	
9.		Post maintenance runs. Leak check all systems that have required maintenance, perform first flight of the day checks IAW flight crews checklist.	Left	Right	
10.		Perform prop governor. check IAW SB 14236, as required.	Left	Right	

I have examined this entire document and determined that each item has been completed.
Any deferred items meet the requirements of the Maintenance Procedures Manual.

Foreman's Signature _____

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AIRCRAFT INFORMATION		
A/C S/N	DATE	W/O #
FHM	TOTAL TIME	CYCLES

FORMS REQUIRED
<ol style="list-style-type: none">1. Fourth DETAILED Inspection Form #260.005.2. Aircraft Maintenance Record.3. Routine Inspection Form #260.001 must be accomplished in conjunction with this Detailed Inspection to comply with Continuous Inspection Regulations.

REFERENCE MATERIAL
<ol style="list-style-type: none">1. Beechcraft 1900D Airliner Wiring Diagram Manual.2. Beechcraft 1900D Airliner Maintenance Manual.3. Beechcraft 1900 Airliner Series Component Maintenance Manual. <p>* BE = Beechcraft 1900D Airliner Maintenance Manual, as revised and current airworthiness directives.</p> <p>* PWC = Pratt and Whitney Canada PT6A-67D Maintenance Manual, as revised and current airworthiness directives.</p>

INSPECTION PROCEDURES
<ol style="list-style-type: none">1. Fill out the headings on each form in its entirety.2. When each item is inspected, the responsible person will make entries as required and will stamp in the space provided in the right hand column.3. List all discrepancies found on the Aircraft Maintenance Record form.4. Each discrepancy is to be stamped off by the mechanic, if it is an RII item then the inspector must also inspect the completed work and stamp off the discrepancy when the work is approved.5. Any maintenance task not applicable, should be marked N/A by the mechanic or inspector. Any space which is shaded, is not required to be stamped.

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PANEL #	DESCRIPTION	STAMP	
REMOVE THE FOLLOWING FLIGHT COMPARTMENT FLOORBOARD PANELS			
		Mech	Insp
153ATC	Pneumatic press regulator, bleed air fail warning press switch, venturi suction for instrument air, forward vent blower & evap, high & low speed blower motor relays, P.C. board relay rack. (ref. Figure 6)		
163BTC	Aileron servo for autopilot, flap motor, flap motor relays, generator panels, overvolt test switch, bleed air overtemp module & connector. (ref. Figure 6)		
REMOVE THE FOLLOWING LEFT NACELLE/COWLING ACCESS PANELS			
413R	Right plenum panel. (ref. Figure 7)		
413L	Left plenum panel. (ref. Figure 7)		
414L	Outboard accessory panel. (ref. Figure 7)		
415R	Lower inboard accessory panel. (ref. Figure 7)		
416R	Upper inboard accessory panel. (ref. Figure 7)		
REMOVE THE FOLLOWING RIGHT NACELLE/COWLING ACCESS PANELS			
421AT	Upper forward cowling. (ref. Figure 7)		
423R	Right plenum panel. (ref. Figure 7)		
423L	Left plenum panel. (ref. Figure 7)		
424R	Outboard accessory panel. (ref. Figure 7)		

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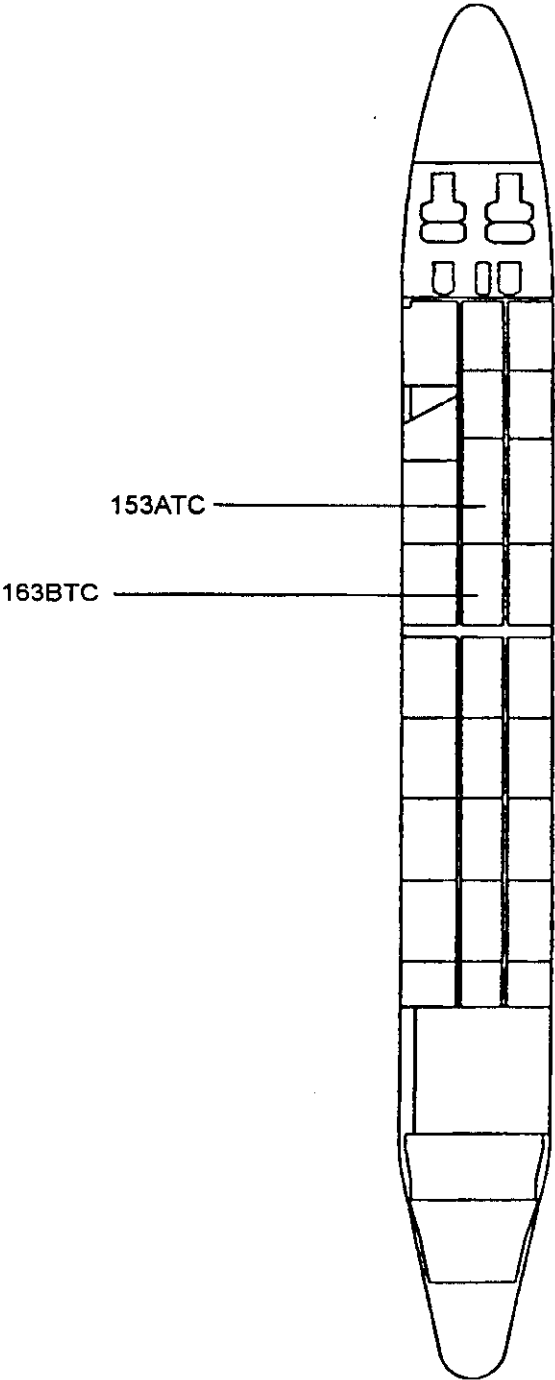
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PANEL #	DESCRIPTION	STAMP	
REMOVE THE FOLLOWING RIGHT NACELLE/GOWLING ACCESS PANELS			
		Mech	Insp
425L	Lower inboard accessory panel. (ref. Figure 7)		
426L	Upper inboard accessory panel. (ref. Figure 7)		
REMOVE THE FOLLOWING LEFT WING ACCESS PANELS			
511	Pneumatic plumbing & valve, environmental system test & check valve, engine control cables, bleed air plumbing, air conditioning plumbing, hydraulic plumbing, electrical wiring. (ref. Figure 8)		
511AB	ACM, hydraulic power pack, bleed air plumbing valves. (ref. Figure 8)		
511AT	ACM, environmental system equipment, hydraulic power pack, deice plumbing. (ref. Figure 8)		
REMOVE THE FOLLOWING RIGHT WING ACCESS PANELS			
611AB	Vapor cycle condenser and blower. (ref. Figure 8)		

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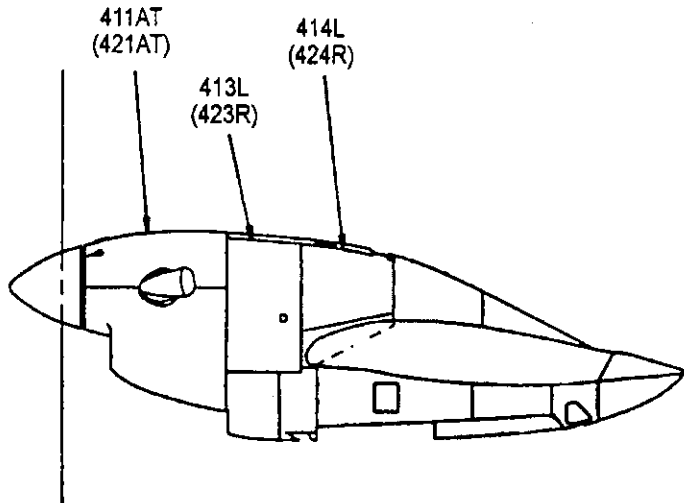
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CABIN FLOORBOARD PANELS
FIGURE 6

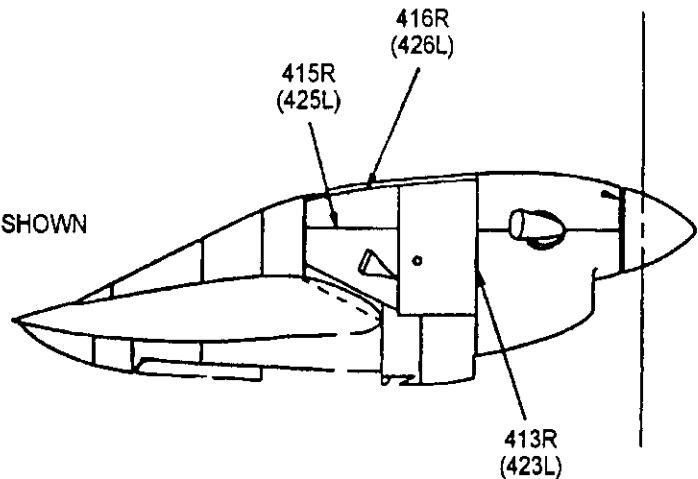
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OUTBOARD VIEW OF LEFT NACELLE SHOWN
(RIGHT NACELLE OPPOSITE)



INBOARD VIEW OF LEFT NACELLE SHOWN
(RIGHT NACELLE OPPOSITE)

NOTE:

NUMBERS IN () INDICATE
PANELS ON THE RIGHT NACELLE.

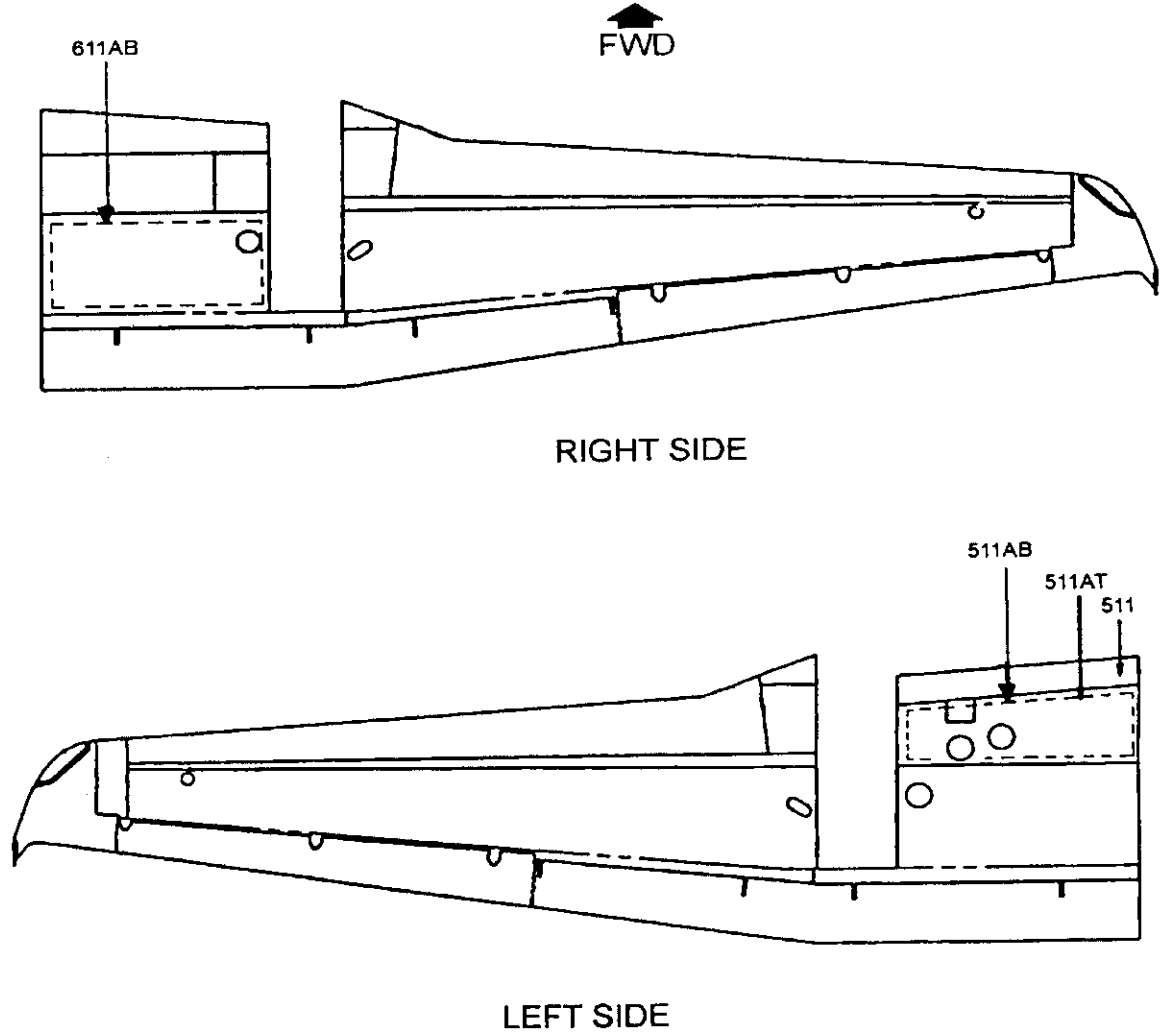
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NACELLE/COWLING ACCESS PANELS
FIGURE 7

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----- VIEW LOOKING UP AT BOTTOM OF WING
————— VIEW LOOKING DOWN AT TOP OF WING

000313

WING ACCESS PANELS
FIGURE 8

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#	ZONE	DESCRIPTION	STAMP		
ENVIRONMENTAL SYSTEMS					
1.	153 173	EVAPORATOR FILTERS: Replace the evaporator filters as instructed in *BE 21-52-00. Check the filter in return air inlet of the vent blowers for blockage and replace as necessary.	Mech FWD	Mech AFT	
2.	812	VACUUM REGULATOR VALVE FILTER: Replace or clean as instructed in *BE 37-00-00.	Mech		
3.	521 621	BLEED AIR PRECOOLER BYPASS AND PRECOOLER THRU VALVES: Perform leak check on the precooler system and check for security and attachment, per *BE 21-11-00.	Mech L	Mech R	Insp
4.	243	PNEUMATIC RELAY FILTER: Inspect and clean filter, per *BE Chapter 21-30-00.	Mech		
5.	521	TEMPERATURE CONTROLLER (QUARTZ ROD) AND FILTERS: Inspect and clean filters in the sense line to the temperature controller in accordance with *BE Chapter 21 of Beechcraft 1900 Airliner Component Maintenance Manual.	Mech L	Mech R	
6.	511	AIR CYCLE MACHINE: Change the air cycle machine oil, per *BE 21-51-00. After the oil is changed, visually and aurally check the bypass valves for operation of the actuator motor. Check for security of mounting and obstructions of ambient airflow. Refer to *BE Chapter 21-51-01.	Mech		
			Mech	Insp	
			Mech	Insp	
7.	511	AIR CYCLE MACHINE FOR NOZZLE AND FILTER: Clean the air cycle machine fog nozzle and filter per *BE Chapter 21-51-00. Per Service Bulletin 2669.	Mech		

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#	ZONE	DESCRIPTION	STAMP	
ENVIRONMENTAL SYSTEMS				
8.	611	AIR CONDITIONING CONDENSER AND BLOWER: Check the condenser, blower and associated plumbing for leaks, damage and security of attachment.	Mech	Insp
		Inspect the inlet guard for security and broken strands.	Mech	Insp
		Inspect the impeller for security to the shaft and ease of rotation.	Mech	Insp
		Inspect the blower motor brushes. Life remaining _____	Mech	Insp
		Inspect the standoffs for security and tightness.	Mech	Insp
		Inspect the guide valves in the blower housing assembly for cracking and security of attachment.	Mech	Insp
NOSE SECTION				
1.		SKIN: Inspect skin and structure for condition and loose or missing rivets.	Mech	Insp
2.		STRUCTURE: Check for cracks, loose rivets, and concealed damage.	Mech	Insp
3.		PLACARDS: Verify that all nose interior and exterior placards are in place and legible.	Mech	Insp
4.	211 212	RADIO EQUIPMENT & REMOTE COMPASS SYSTEM: Inspect radio rack structure; check security of units in their mounts. Inspect remote gyros and units for security and attachment.	Mech	Insp
5.	212	INSTRUMENT AIR FILTER: Inspect the air filter. Replace as conditions warrant as instructed in *BE Chapter 37-00-00.	Mech	Insp
6.	811 812	AVIONICS DOOR, FASTENERS AND SEAL: Inspect seals for deterioration, doors and latches for proper adjustment per *BE Chapter 52-30-00.	Mech	Insp

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#	ZONE	DESCRIPTION	STAMP		
			Left	Right	Insp
POWERPLANT					
1.	410 420	IGNITER PLUGS: Inspect and clean as instructed in the *PWC Chapter 74-26-61 or *BE Chapter 74-00-00.	Left	Right	Insp
2.	410 420 400	ENGINE OIL FILTER: Inspect oil filter for metal particles as described in the *PWC Chapter 79-20-02.	Left	Right	Insp
3.	410 420 400	INDUCTION SYSTEM: Remove air inlet screen per *PWC Chapter 72, and inspect compressor inlet area, struts, and first stage blades for dirt deposits, corrosion, erosion, and foreign object damage. Map damage I.A.W. MPM 260 Chapter 7 FOD Inspection.	Left	Right	Insp RII
4.		ICE VANES: Inspect actuating rods, hardware, and vanes for wear and chafing.	Left	Right	Insp
5.		BORESCOPE ENGINE: Inspect general condition of the Hot Section by borescope inspection, per *PWC Chapter 72-00-00.			Insp RII
6.		Install fuel nozzles, per *PWC Chapter 73-16-05. Inspect PT2 blades IAW S.I.L. NO. PT6A-075.	Left	Right	Insp RII
7.	410 420	STARTER GENERATOR: Inspect brushes for indication of excessive wear or damage (determine wear by observing diagonal groove on brush), refer to *BE Chapter 24-30-01. Life remaining LT _____ RT _____.	Left	Right	Insp
8.		Inspect inlet duct and blast cap for cracks, chafing on fuel line or obstruction, per *BE Chapter 24-00-00.	Left	Right	Insp
9.	410 420	MAGNETIC CHIP DETECTOR: Inspect chip detector as per *BE Chapter 79-30-00.	Left	Right	Insp

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FOURTH DETAILED INSPECTION PROCEDURES CHECKLIST

#	ZONE	DESCRIPTION	STAMPS		
POWERPLANT					
10	400	ENGINE MOUNT TRUSS - Visually inspect the engine mount truss assy for cracks, chafing and dents I.A.W. SIM "H" check. Check torque on truss mount bolts I.A.W. 71-20-00.	Left	Right	Insp
11		COWLING - Clean inspect cowlings. Check fastners. Check latches for fit, wear, distortion. Check for loose or working rivets. Insure cowling are properly installed and safetied.	Left	Right	Insp
12		ENGINE FIRE EXTINGUISHER Check the condition of mounting bracket, ensure the ease of reading the gauge by the crew (clock the gauge)..	Left	Right	Insp
FORWARD TOP OF FUSELAGE					
1		Inspect TCAS and COMM antenna for condition and attachment	Mech		
GENERAL SERVICE ITEMS					
1	110 241 242 262	PITOT AND STATIC SYSTEM Open drain valves until all moisture is drained	Mech		
2	248	EFIS Verify operation of EADI and EHSI tube fans as appropriate.	Mech		
3 AIRPLANE LUBRICATION					
A		RUDDER TRIM TAB ACTUATOR GREASE FITTINGS Lubricate with Aeroshell #7 (ref. Figure 8A)	Mech		
B		RUDDER TRIM TAB HINGE Lubricate with LPS-2 (ref. Figure 8A)	Mech		
C		AILERON TRIM TAB HINGE Lubricate with LPS-2 (ref. Figure 8B)	Mech		

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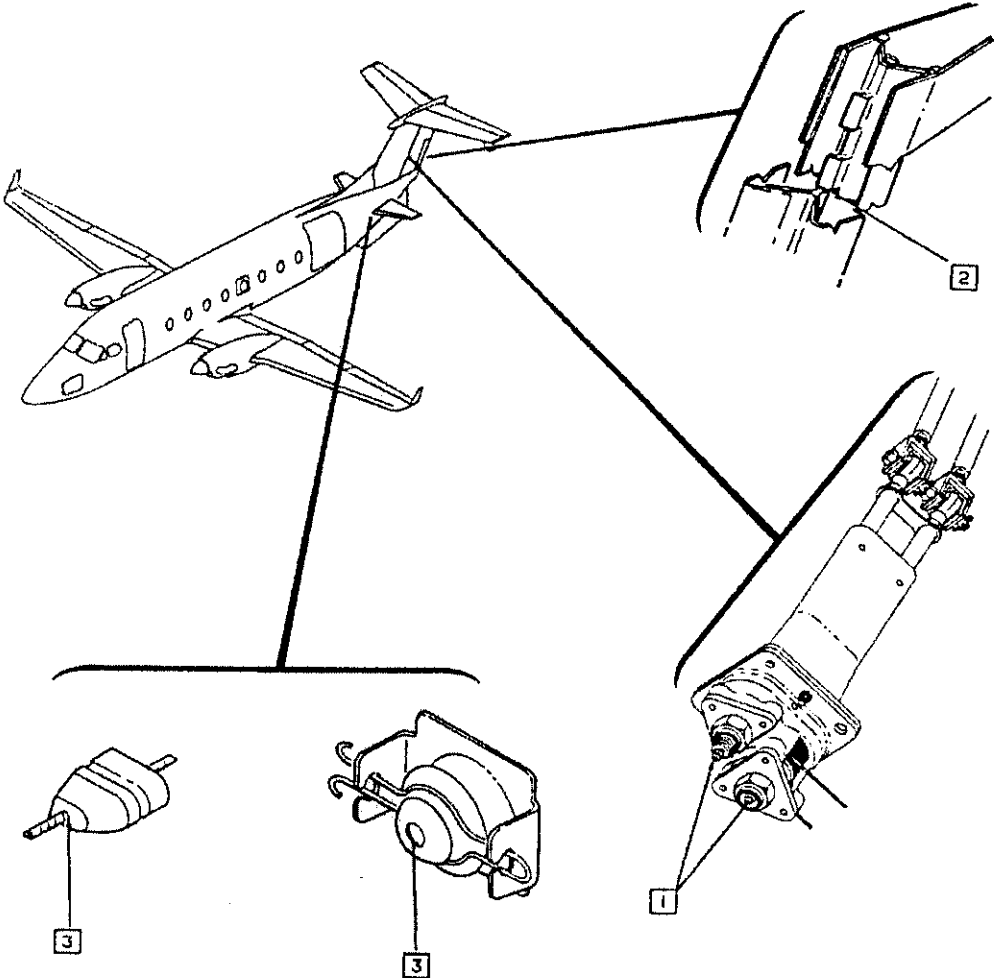
#	ZONE	DESCRIPTION	STAMP	
GENERAL SERVICE ITEMS				
D.		AVIONICS COMPARTMENT DOOR GAS SPRINGS END FITTINGS: Lubricate with Aeroshell #7 (ref. Figure 8C).	Mech	
E.		AVIONICS COMPARTMENT DOOR GAS SPRING ENG FITTINGS: Lubricate with LPS-2. (ref. Figure 8C)	Mech	
F.		CABIN AIR DOOR HINGE: Lubricate with LPS-2. (ref. Figure 8D)	Mech	
G.		CABIN AIR STAIR DOOR CAM LIP: Lubricate 8 places with Door Ease. (ref. Figure 8D).	Mech	
H.		CARGO DOOR GAS SPRING END FITTINGS: Lubricate with Aeroshell #7. (ref. Figure 8E).	Mech	
I.		CARGO DOOR CAM LOCKS: Lubricate with Door Ease (ref. Figure 8E).	Mech	
J.		CARGO DOOR HINGE: Lubricate with LPS-2. (ref. Figure 8E).	Mech	
K.		CARGO DOOR HANDLE GREASE FITTING: Lubricate with Aeroshell #7. (ref. Figure 8E)	Mech	
L.		ENGINE CAM BOX CAM PLATE AND PINS: Lubricate with Lubriplate #130AA. (ref. Figure 8F)	Mech	
M.		INERTIAL ANTI-ICE HINGE POINT BUSHINGS: Lubricate with Aeroshell #7. (ref. Figure 8F)	Mech	
N.		PROPELLER HUB GREASE FITTINGS: Lubricate with Aeroshell #6 IAW Beech M/M 61-10-00. (ref. Figure 8G)	Left	Right
O.		NOSE LANDING GEAR DOOR HINGES AND RETRACT LINKAGE: Lubricate with LPS-2. (ref. Figure 8H)	Mech	

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#	ZONE	DESCRIPTION	STAMP	
GENERAL SERVICE ITEMS				
P.		NOSE LANDING GEAR UPPER AND LOWER STRUT BEARING: Lubricate with Aeroshell #17. (4 places)(ref. Figure 8H)	Mech	
Q.		MAIN LANDING GEAR DOOR HINGES AND LINKAGES: Lubricate with LPS-2. (ref. Figure 8I)	Left	Right
R.		RUDDER PEDALS: Lubricate with LPS-2. (ref. Figure 8J)	Left	Right
S.		ELEVATOR TRIM TAB HINGE: Lubricate with LPS-2. (ref. Figure 8J)	Mech	
T.		ELEVATOR TRIM TAB ACTUATOR: Lubricate by purging grease with Aeroshell #7. (ref. Figure 8J)	Mech	
4		PLACARDS: Verify that all interior and exterior placards are in place and legible. Refer to *BE Chapter 11-20-00.	Mech	Insp
5	253	EXTERNAL POWER: Check the external power relay for operation, (rotate the voltmeter select switch to the EXT PWR position and check for external power voltage).	Mech	
6		BATTERY: Inspect battery box for corrosion and condition.	Mech	
7		LANDING GEAR FLUID: WARNING: Before checking the landing gear fluid level, the pressure must be released from the system, by activating the manual bleed valve and relieving the pressure as instructed in *BE Chapter 12-10-00. Check the landing gear fluid reservoir for proper level as instructed in *BE Chapter 12-10-00.	Mech	Insp

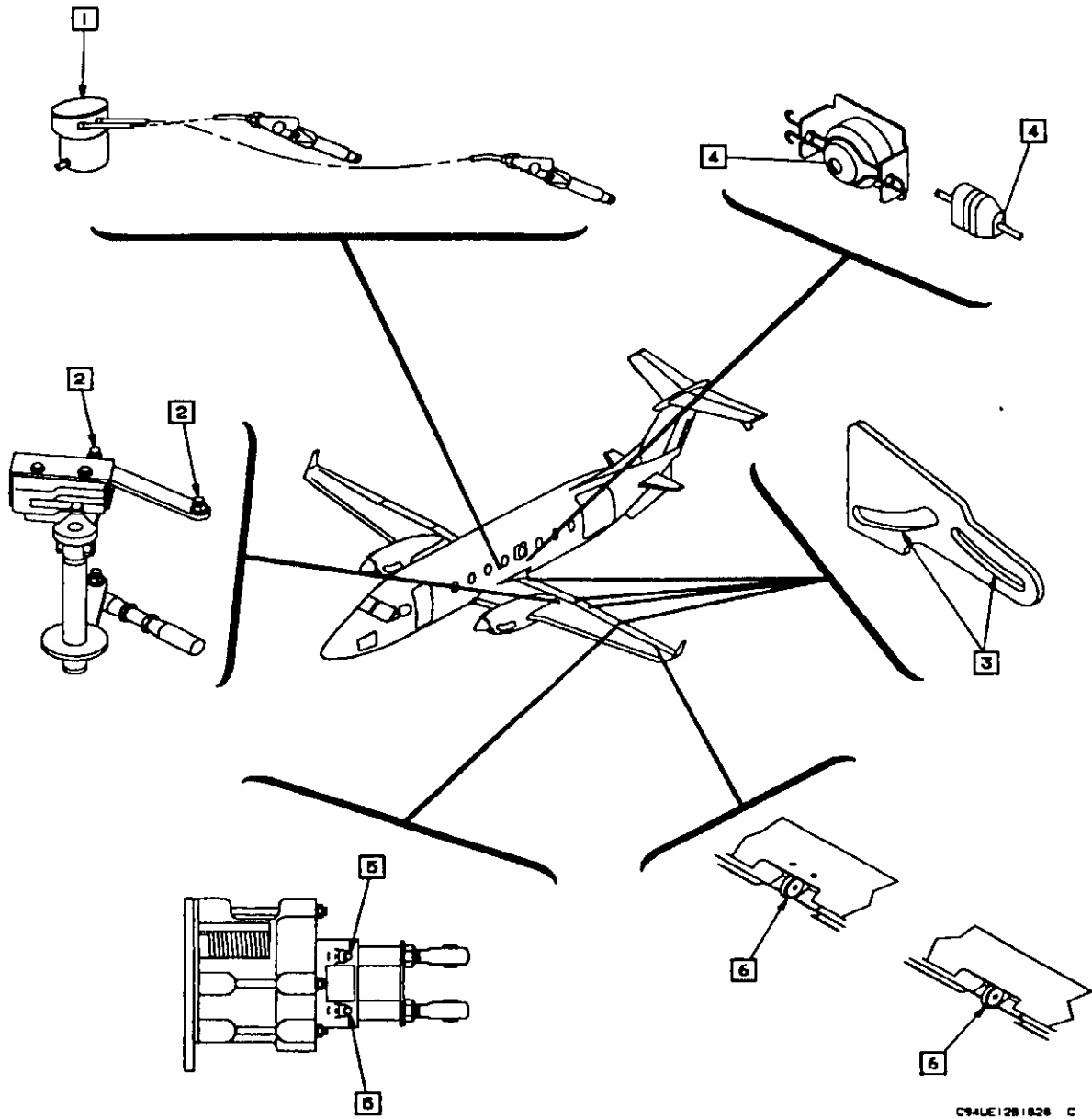


CS 101205

Rudder Control System Lubrication (Effectivity: All)

001301

FIGURE 8A



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Flap and Aileron Control System Lubrication (Effectivity: All)

001302

FIGURE 8B

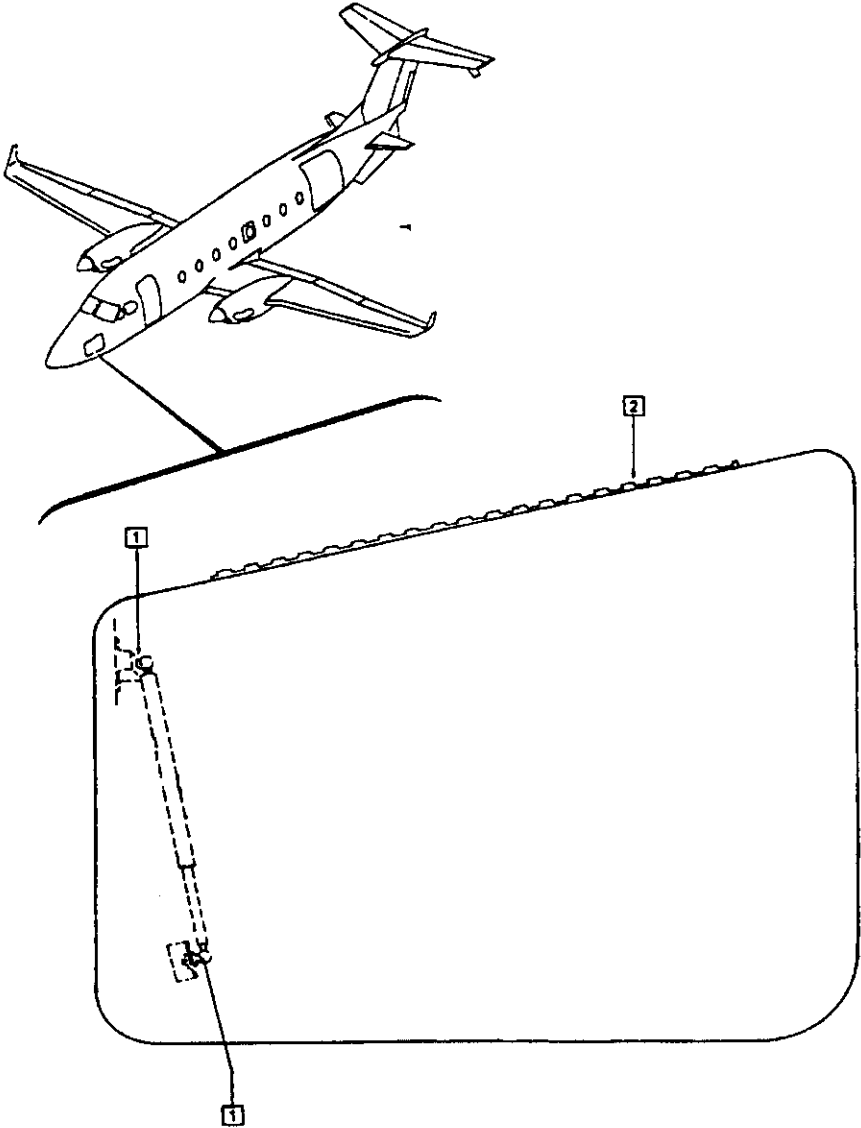
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C9101207

Avionics Compartment Door Lubrication (Effectivity: All)

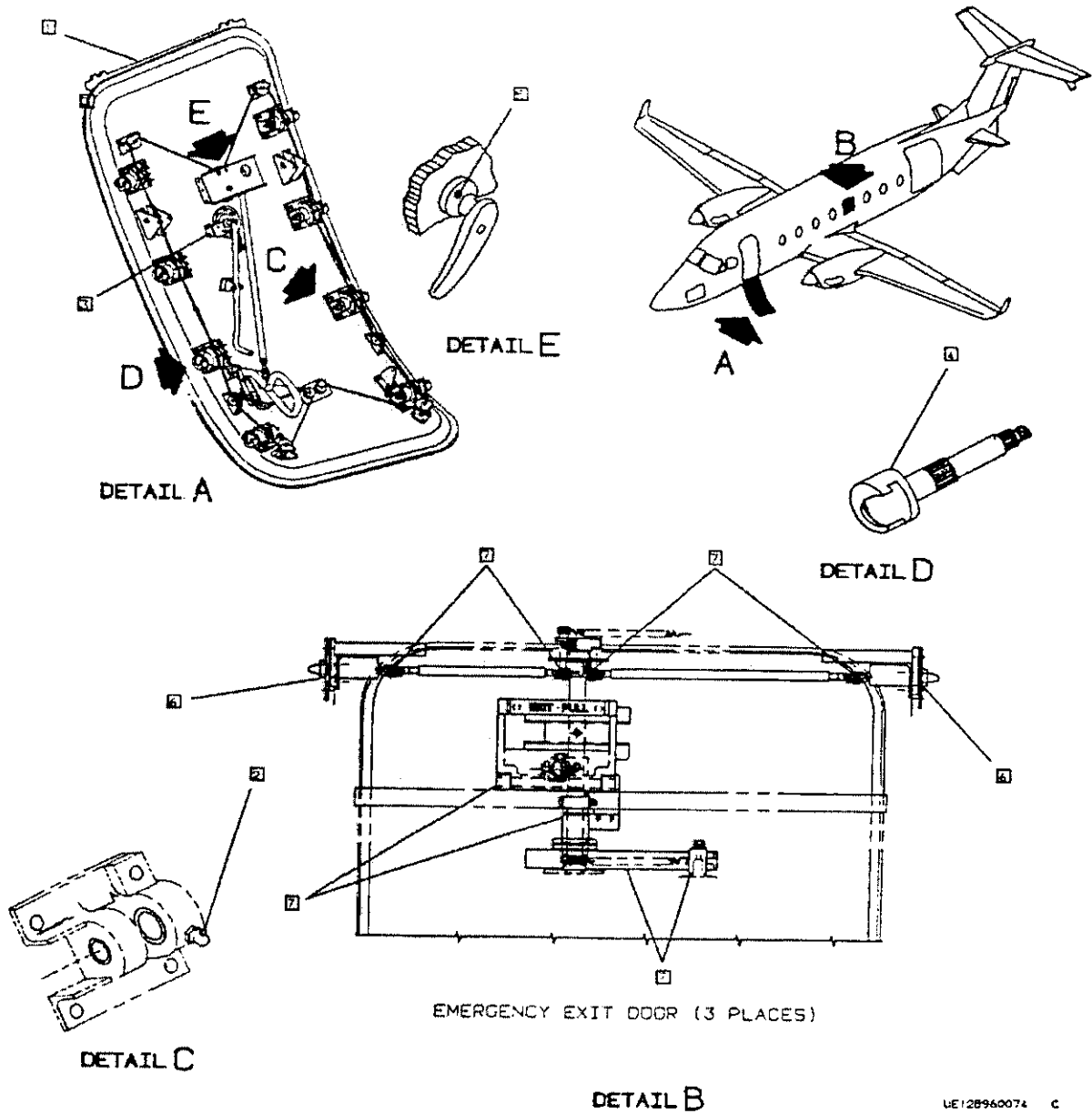
001303

FIGURE 8C

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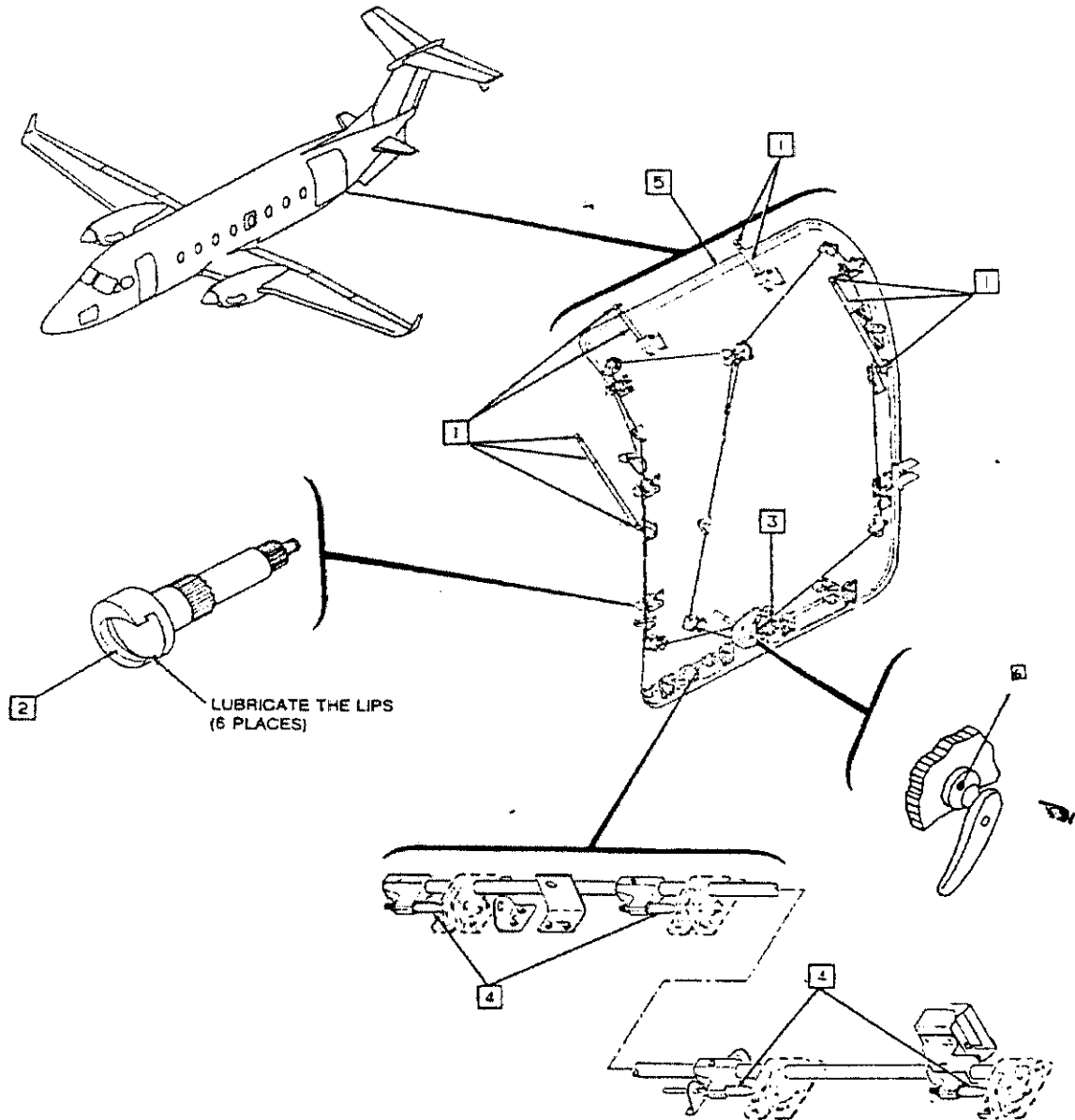
Cabin Air Stair Lubrication (Effectivity: All)

001304

FIGURE 8D

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(FORM # 260.005)

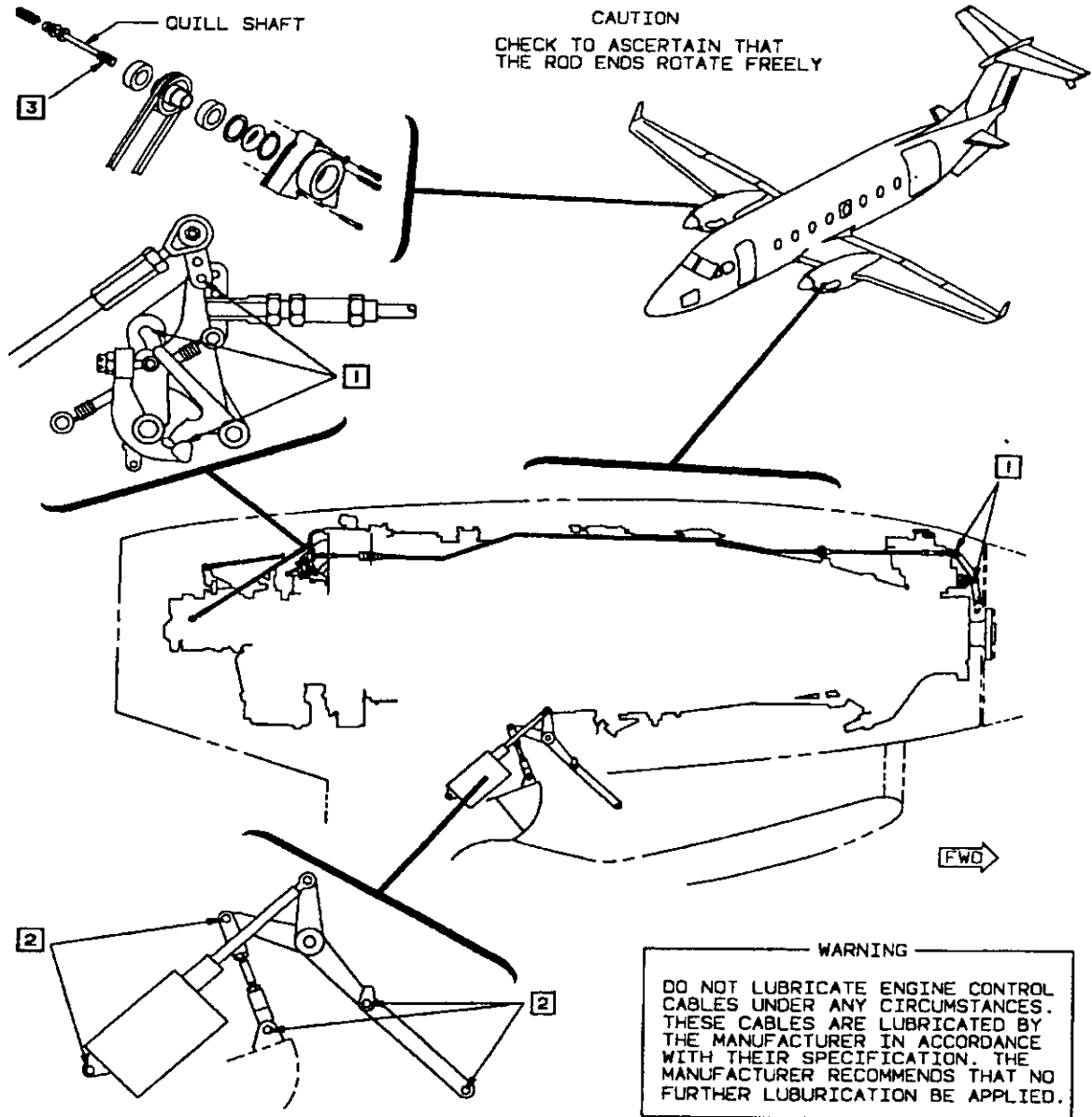


C9101209

Cargo Door Lubrication (Effectivity: All)

001305

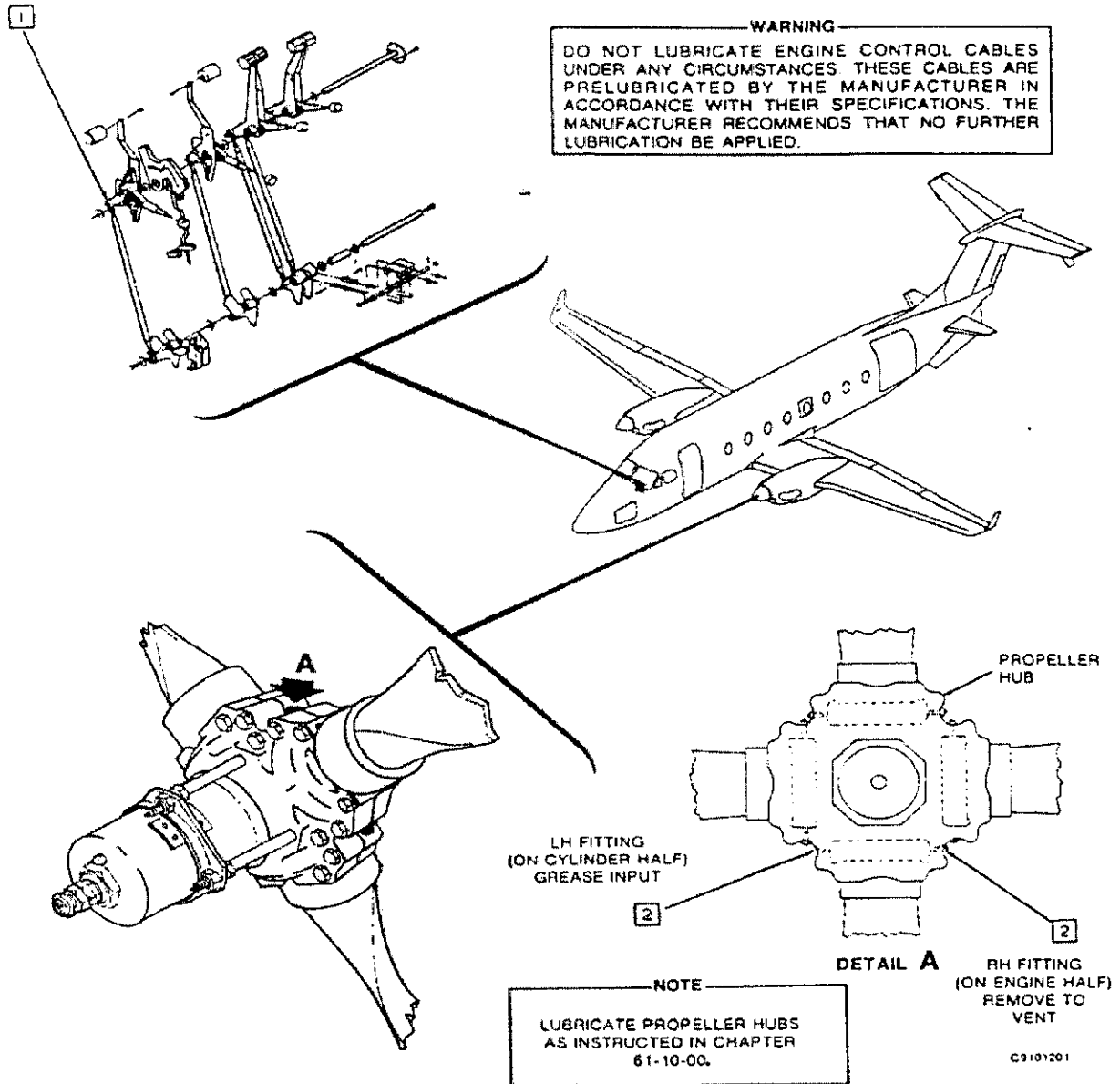
FIGURE 8E



Nacelle Engine Controls and Inertial Anti-Ice Lubrication
(Effectivity: All)

001296

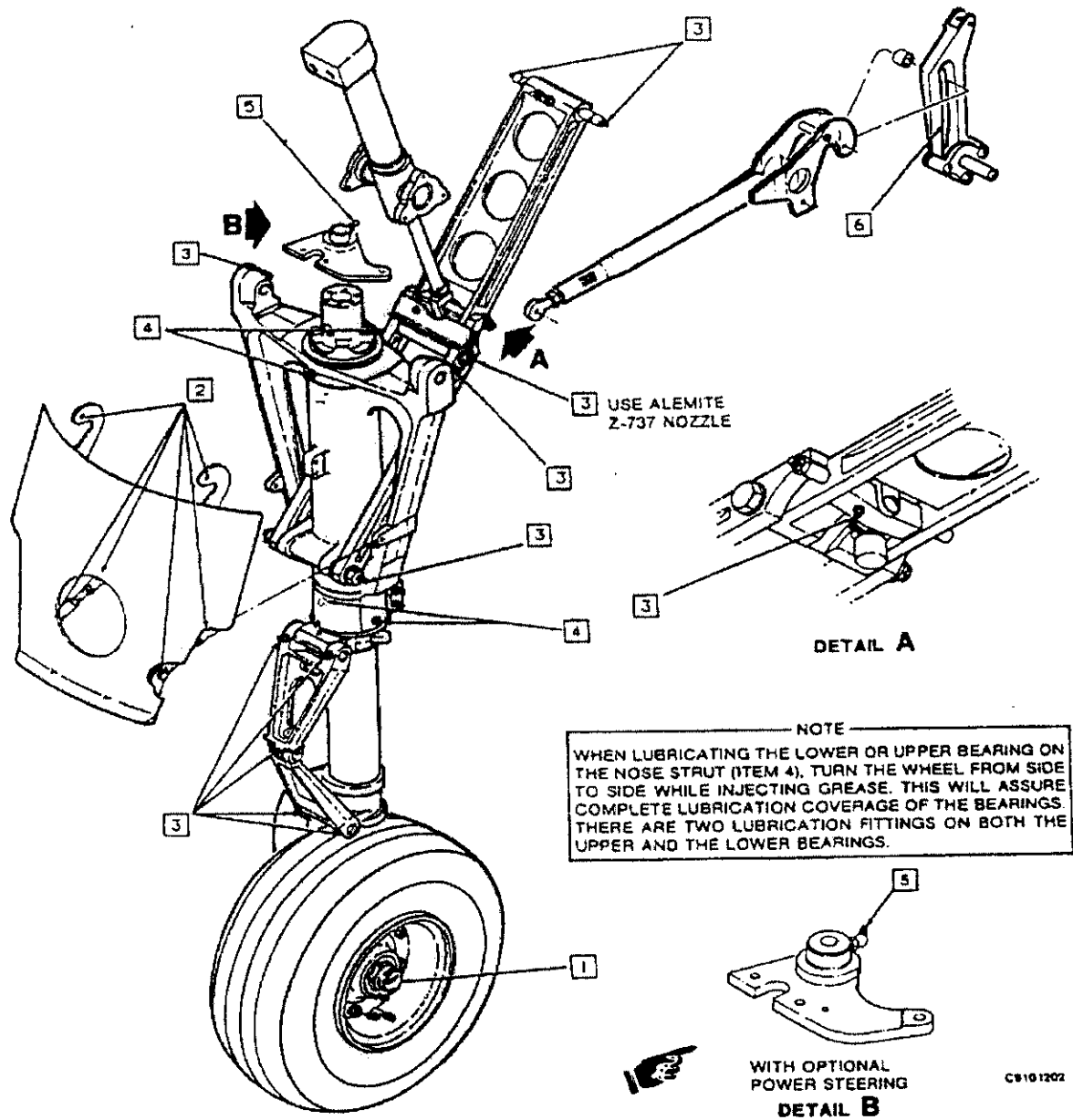
FIGURE 8F



Flight Compartment Engine Controls and Propeller Lubrication
(Effectivity: All)

001297

FIGURE 8G



Nose Landing Gear Lubrication (Effectivity: All)

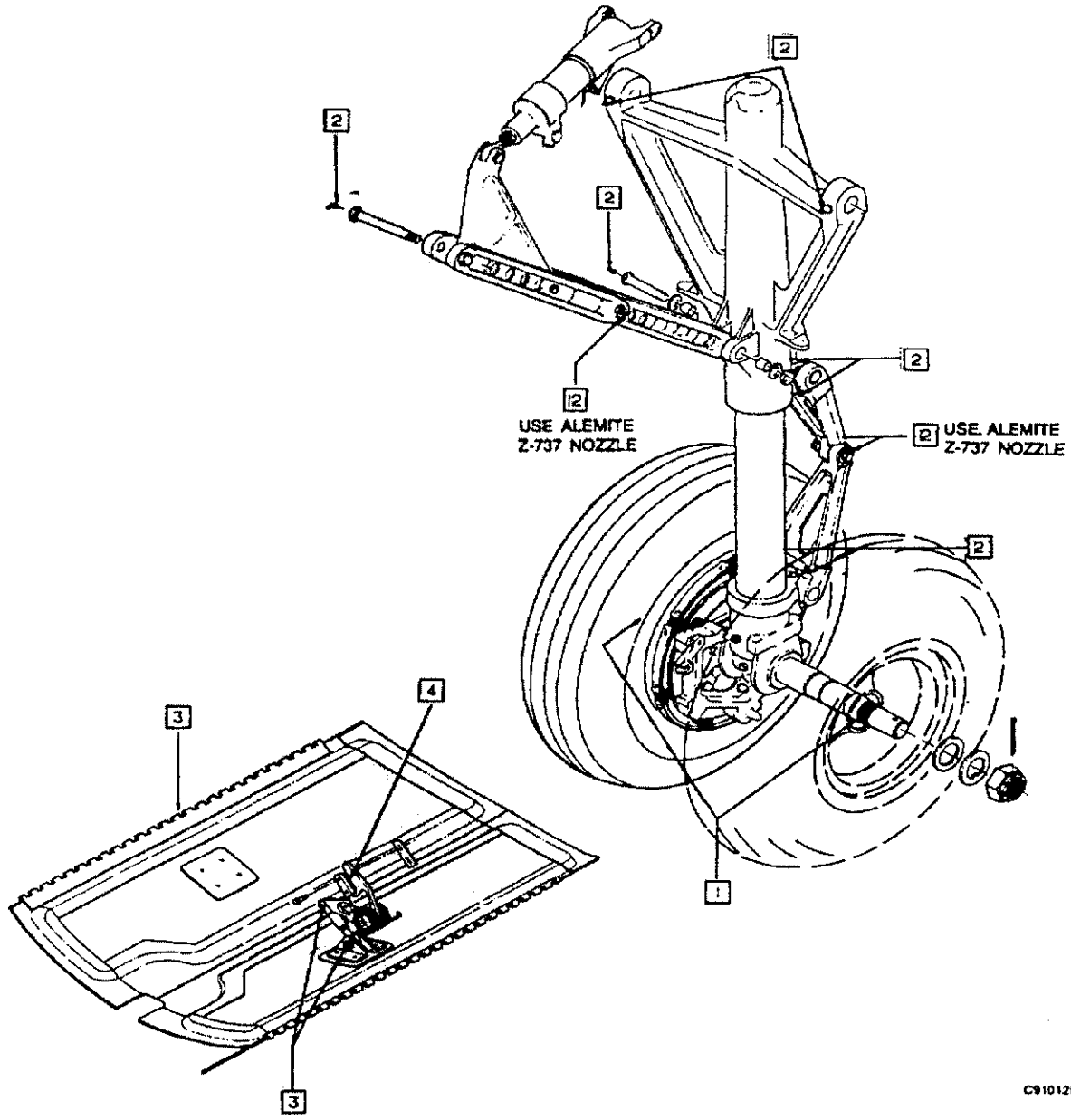
001298

FIGURE 8H

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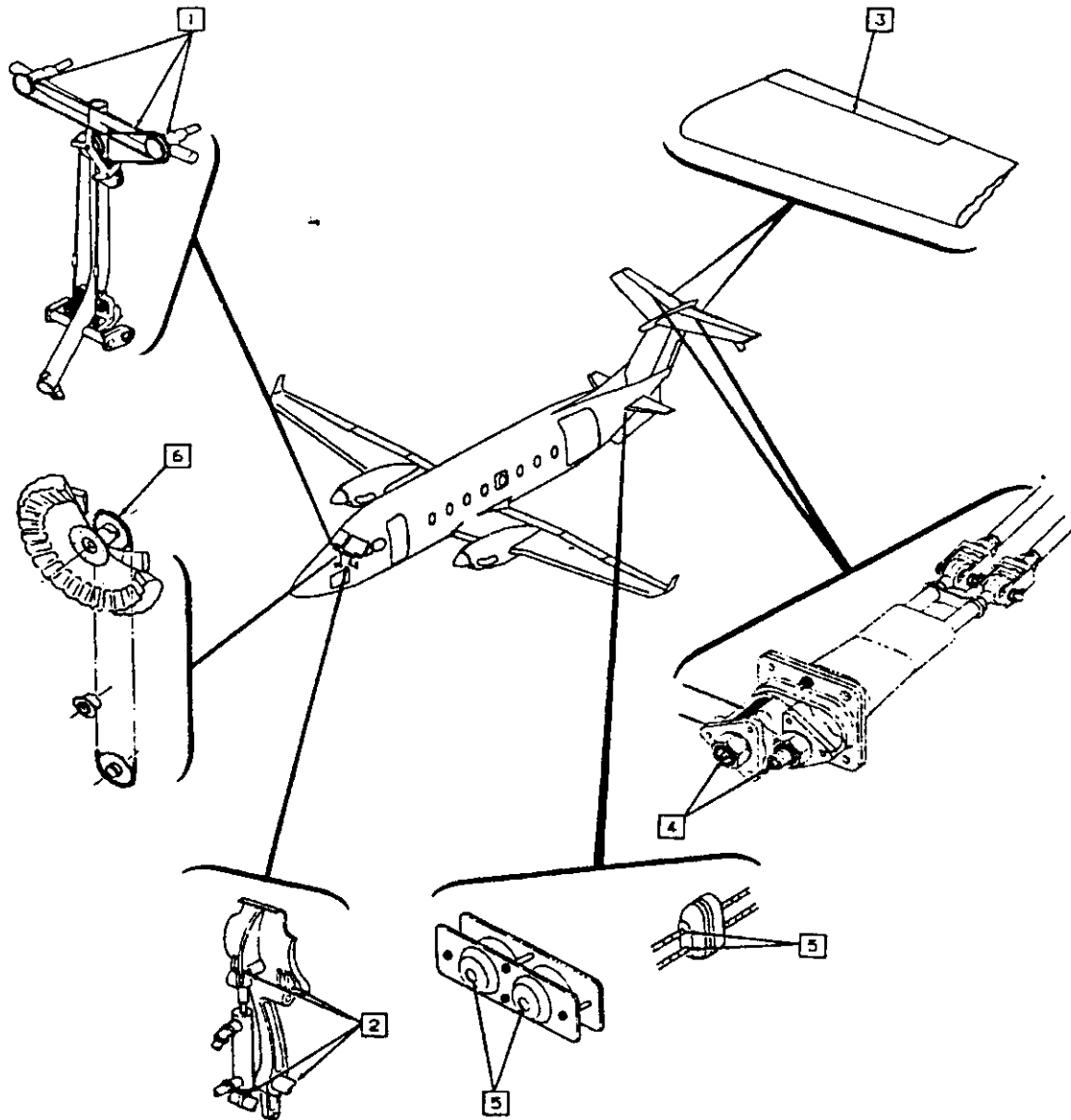


Main Landing Gear Lubrication (Effectivity: All)

C9101209

001299

FIGURE 81



C9101204

Flight Compartment and Elevator Controls Lubrication
(Effectivity: All)

001300

FIGURE 8J

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PANEL #	DESCRIPTION	STAMP	
INSTALL THE FOLLOWING FLIGHT COMPARTMENT FLOORBOARD PANELS			
		Mech	Insp
153ATC	Pneumatic press regulator, bleed air fail warning press switch, venturi suction for instrument air, forward vent blower & evaporator, high & low speed blower motor relays, P.C. board relay rack. (ref. Figure 6)		
163BTC	Aileron servo for autopilot, flap motor, flap motor relays, generator panels, overvolt test switch, bleed air overtemp module & connector. (ref. Figure 6)		
INSTALL THE FOLLOWING LEFT NACELLE/COWLING ACCESS PANELS			
413R	Right plenum panel. (ref. Figure 7)		
413L	Left plenum panel. (ref. Figure 7)		
414L	Outboard accessory panel. (ref. Figure 7)		
415R	Lower inboard accessory panel. (ref. Figure 7)		
416R	Upper inboard accessory panel. (ref. Figure 7)		
INSTALL THE FOLLOWING RIGHT NACELLE/COWLING ACCESS PANELS			
421AT	Upper forward cowling. (ref. Figure 7)		
423R	Right plenum panel. (ref. Figure 7)		
423L	Left plenum panel. (ref. Figure 7)		
424R	Outboard accessory panel. (ref. Figure 7)		

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PANEL #	DESCRIPTION	STAMP	
INSTALL THE FOLLOWING RIGHT NACELLE/ COWLING ACCESS PANELS			
		Mech	Insp
425L	Lower inboard accessory panel. (ref. Figure 7)		
426L	Upper inboard accessory panel. (ref. Figure 7)		
INSTALL THE FOLLOWING LEFT WING ACCESS PANELS			
511	Pneumatic plumbing & valve, environmental system test & check valve, engine control cables, bleed air plumbing, air conditioning plumbing, hydraulic plumbing, electrical wiring. (ref. Figure 8)		
511AB	ACM, hydraulic power pack, bleed air plumbing valves. (ref. Figure 8)		
511AT	ACM, environmental system equipment, hydraulic power pack, deice plumbing. (ref. Figure 8)		
INSTALL THE FOLLOWING RIGHT WING/COWLING ACCESS PANELS			
611AB	Vapor cycle condenser and blower. (ref. Figure 8)		

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#	ZONE	DESCRIPTION	STAMP		
OPERATIONAL INSPECTION					
1.		ENGINE AND PROPELLER CONTROLS: Check for freedom of movement, full travel and proper friction lock, per *BE Chapter 76-00-00.	Left	Right	
2.		OIL PRESSURE/TEMP GAUGE: Check for the proper pressure and temperature limits, per *P&WC Chapter 71.	Left	Right	
3.		PROPELLER GOVERNOR: Check for the proper operation and feathering, per *BE Chapter 61-20-00.	Left	Right	
4.		PROPELLER SYNCHROPHASER: Check for proper operation, per *BE Chapter 61-22-00.	Left	Right	
5.		PROPELLER DEICER: Perform the propeller deicer system inspections IAW *BE Chapter 30-60-00.	Left	Right	
6.		AUTOFEATHERING SYSTEM: Check operation as instructed in *BE Chapter 61-21-00.	Left	Right	
7.		STARTER GENERATOR: Check for output of 28.25 ±.25 VDC, using the test jack on the RH inboard subpanel, Refer to *BE Chapter 24-30-00.	Left	Right	
8.		FUEL BOOST PUMPS: Check the electric pumps for proper operation, per the Pilot Checklist.	Left	Right	
9.		GROUND PERFORMANCE CHECK: Perform the ground performance check with zero power extraction in accordance with the procedures in *BE Chapter 76-10-00. If only one engine performance parameter is found to be outside the expected limits, confirm the accuracy of the appropriate indicating system before making any engine adjustment. AFTER ENGINE SHUTDOWN: Inspect the engine for oil and fuel leaks, security and attachment of all components.	Left	Right	
			Left	Right	Insp

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FOURTH DETAILED INSPECTION PROCEDURES CHECKLIST

#	ZONE	DESCRIPTION	STAMPS		
			Left	Right	
OPERATIONAL INSPECTION					
10		FUEL CROSS-TRANSFER VALVES Check the cross transfer valves for proper operation per the airplane flight manual.	Left	Right	
11		FIRE-WALL SHUTOFF VALVES Check the firewall shutoff valves for proper operation (internal leak rate no greater than 2 cc per minute at 60 psig) per *BE Chapter 28-20-00.	Left	Right	
12		VACUUM SYSTEM - Check for proper limits per *BE Chapter 37-00-00.	Left	Right	
13		SURFACE DEICERS – Check for inflation and cycling.	Mech		
14		Perform surface deicer operational check in *BE Chapter 30-10-00	Mech		
15		ENVIRONMENTAL OPERATIONAL OVER TEMPERATURE TEST: Perform the Operational test in *BE Chapter 21-11-00.	Mech		
16		ENVIRONMENTAL OPERATIONAL OVER PRESSURE CHECK: Perform operational test in *BE Chapter 21-11-00.	Mech		
17		PRESSURIZATION SYSTEM - Check for proper operation according to the pressurization check procedures in *BE Chapter 21-30-00.	Mech		
18		BLEED AIR TEMPERATURE AND PRESSURE CHECK: Perform Bleed Air Temp/Press checks *BE Chapter 21-11.	Mech		
19		Perform Precooler Valve function check, ref. *BE Chapter 21-11.	Mech		
20		BLEED AIR WARNING SWITCH: Check for proper electrical connection, ref. *BE Chapter 26-11.	Mech		
21		PRESSURIZATION SYSTEM DRAIN VALVE: Open drain valves to remove condensation in pressure lines on aircraft with drain lines installed.	Mech		

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FOURTH DETAILED INSPECTION PROCEDURES CHECKLIST

#	ZONE	DESCRIPTION	STAMPS	
OPERATIONAL INSPECTION				
22		REFRIGERANT LEVEL Check the level of the refrigerant through the sight glass with Left the engine shut down the right engine running above 69% N1 and the air conditioner ON in either the AUTO or MANUAL mode. Ambient air temperature must be above 50 degrees F.	Mech	
23		ENVIRONMENTAL VAPOR CYCLE SYSTEM AND AIR CYCLE MACHINE - Check for proper operation when the switch is in the AUTO or MANUAL position.	Mech	
		Check operation of all outlets and ease of operation of all controls per *BE Chapter 21-20-00.	Mech	
24		CONDITION LEVERS Check for clean shutdown at IDLE CUT OFF.	Left	Right
25		INVERTER SYSTEM OPERATIONAL CHECK Perform operational check of the inverter system Refer to * BE Chapter 24-20-00.	Mech	
26		PROPELLER OVERSPEED GOVERNOR Operational Check of overspeed governor per *BE Chapter 61-20-00.	Left	Right
		Perform Propeller Governor Check IAW SB 14236 s revised.		
27		GROUND FINE CHECK Perform Ground Fine Check per *BE Chapter 76-10-00.	Left	Right
28		Perform post maintenance runs (first flight of the day checks IAW flight crews check list)	Left	Right
29		Leak check and ops check any systems that maintenance and/or inspection was performed on.	Left	Right

I have examined this document and determined that each item has been completed.
 Any deferred items meet the requirements of the MPM 210 & MPM 260.

Foreman's Signature: _____

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AIRCRAFT INFORMATION		
A/C S/N	DATE	W/O #
FHM	TOTAL TIME	CYCLES

FORMS REQUIRED

1. Fifth DETAILED Inspection Form #260.006.
2. Aircraft Maintenance Record.
3. Service Form #260.026 and Routine Inspection Form #260.001 must be accomplished in conjunction with this Detailed Inspection to comply with Continuous Inspection Regulations.
4. Engine Ground Performance Worksheet (Form #260.028).

REFERENCE MATERIAL

1. Beechcraft 1900D Airliner Maintenance Manual.
 2. Beechcraft 1900D Airliner Series Component Maintenance Manual.
- * BE = Beechcraft 1900 Airliner Maintenance Manual, as revised and current airworthiness directives.
- * PWC = Pratt and Whitney Canada PT6A-67D Maintenance Manual, as revised and current airworthiness directives.

INSPECTION PROCEDURES

1. Fill out the headings on each form in its entirety.
2. When each item is inspected, the responsible person will make entries as required and will stamp in the space provided in the right hand column.
3. List all discrepancies found on the Aircraft Maintenance Record form.
4. Each discrepancy is to be stamped off by the mechanic, if it is an RII item then the inspector must also inspect the completed work and stamp off the discrepancy when the work is approved.
5. Any maintenance task not applicable, should be marked N/A by the mechanic or inspector.

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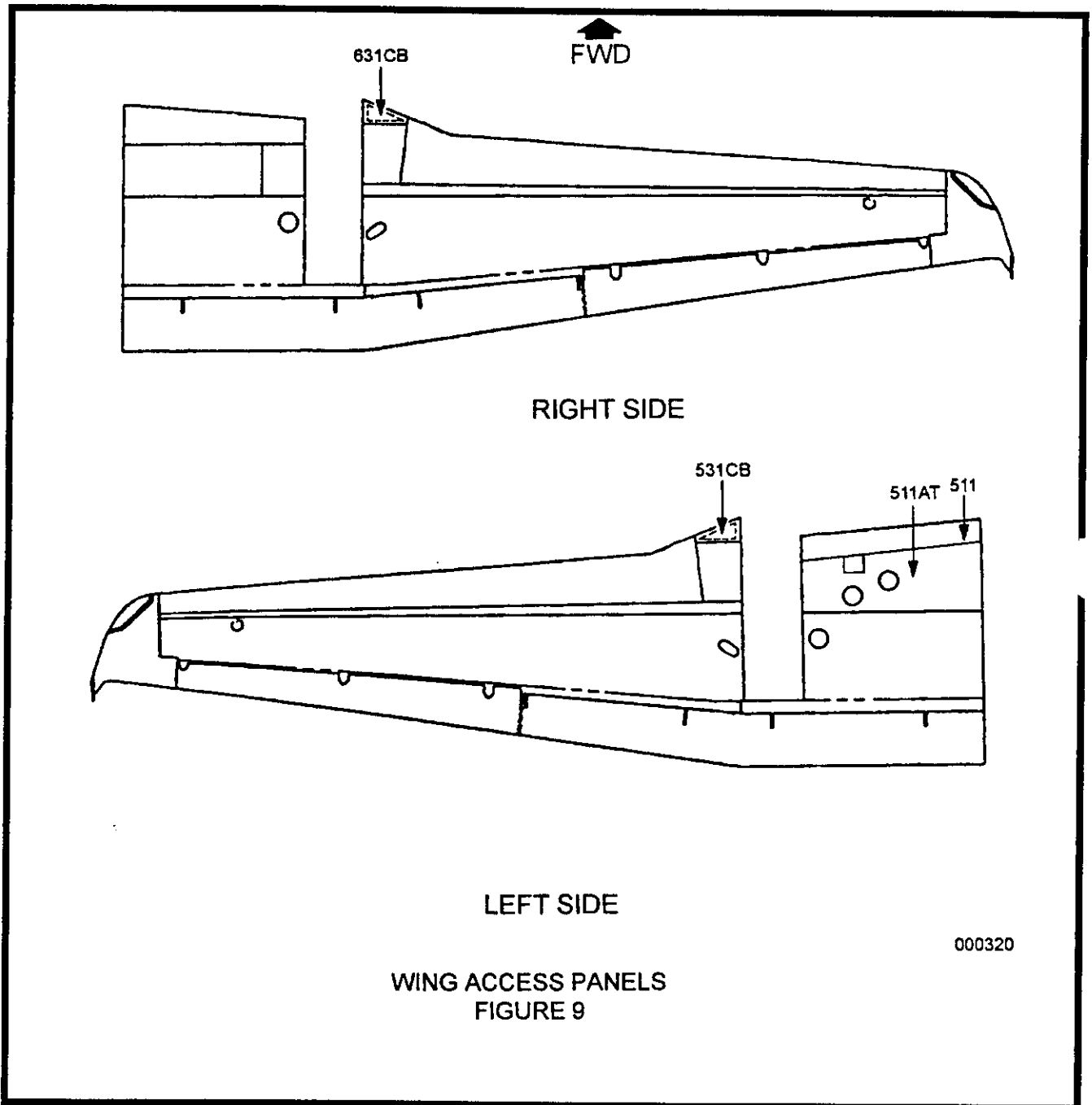
PANEL #	DESCRIPTION	STAMP		
		Remove	Install	Insp
LEFT WING ACCESS PANELS				
511AT	ACM, enviromental system equipment, hydraulic power pack, deice plumbing (ref. Figure 9).			
511	Pneumatic plumbing & valve, enviromental system test & check valve, engine control cables, bleed air plumbing, deice plumbing, air conditioning plumbing, hydraulic plumbing, electical wiring (ref. Figure 9).			
523 DBL 523 DBR	Trunion Bolt			
531 CB	Fuel strainer, drain valve (ref. Figure 9).			
RIGHT WING ACCESS PANELS				
623 DBL 623 DBR	Trunion Bolt			
631CB	Fuel strainer, drain valve (ref. Figure 9).			
LEFT NACELLE/COWLING ACCESS PANELS				
411AT	Upper forward cowling (ref. Figure 10).			
411BB	Lower forward cowling (ref. Figure 10).			
412ATC	Aft upper center cowling (ref. Figure 10).			
413L	Left plenum panel (ref. Figure 10).			
414L	Outboard accessory panel (ref. Figure 10).			
416R	Upper inboard accessory panel (ref. Figure 10).			
415R	Lower inboard accessory panel (ref. Figure 10).			
413R	Right Plenum panel (ref. Figure 10).			

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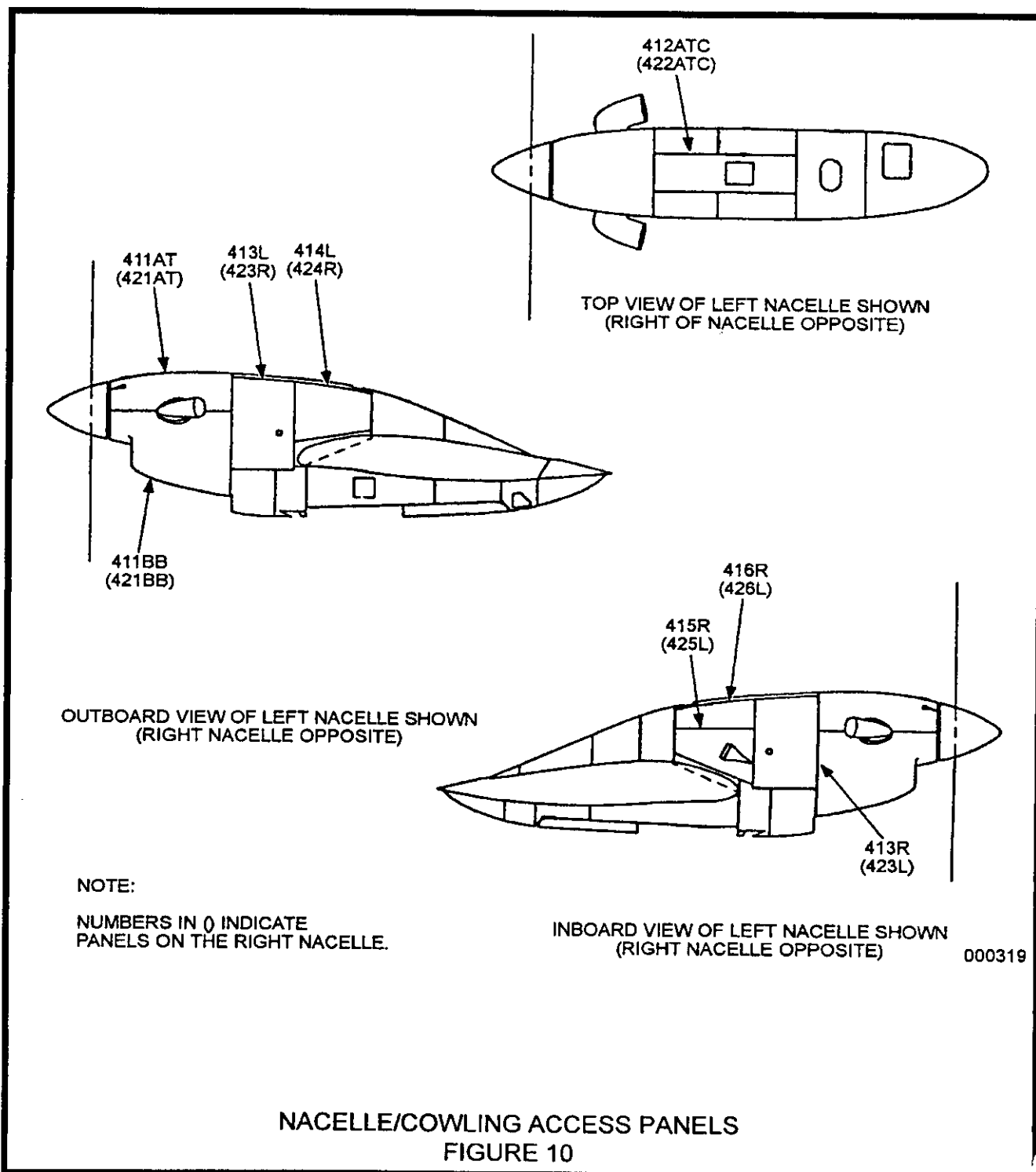
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PANEL #	DESCRIPTION	STAMP		
		Remove	Install	Insp
RIGHT NACELLE/COWLING ACCESS PANELS				
421AT	Upper forward cowling (ref. Figure 10).			
421BB	Lower forward cowling (ref. Figure 10).			
422ATC	Aft upper center cowling (ref. Figure 10).			
423R	Right plenum panel (ref. Figure 10).			
423L	Left plenum panel (ref. Figure 10).			
424R	Outboard accessory panel (ref. Figure 10).			
425L	Lower inboard accessory panel (ref. Figure 10).			
426L	Upper inboard accessory panel (ref. Figure 10).			



WING ACCESS PANELS
FIGURE 9

000320



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#	ZONE	DESCRIPTION	STAMP		
FORWARD LEFT HAND CENTER SECTION					
1.	511	STRUCTURE: Check for cracks, loose rivets and concealed damage inside all wing inspection areas where access panels have been removed.	Mech	Insp	
2.	511	PLUMBING AND WIRING: Visually check for leaks, chafing or damage and attachment.	Mech	Insp	
3.	511	HYDRAULIC POWERPACK ASSEMBLY: Visually check for leaks, damage and attachment.	Mech	Insp	
4.	511	HYDRAULIC LANDING GEAR SERVICE VALVE: Visually check for leaks, damage and attachment.	Mech	Insp	
5.		HYDRAULIC POWER PACK FILTER AND SCREENS: Clean screens and replace filter *BE Chapter 32-30-06. Clean power pack bleed air filter *BE Chapter 32-30.	Mech		
6.	511	ACCUMULATOR: Visually check for leaks, damage and attachment.	Mech	Insp	
MAIN LANDING GEAR					
1.	523 623	Inspect Trunion Bolt A. Inspect for proper security and condition of bolts, nut and cotter pin (if pin is missing, re-torque the nut, and install new pin). B. Inspect area for corrosion, cracks, condition. *BE 32-10-00	Left	Right	Insp
2.		MAIN LANDING GEAR DOOR HINGES: Inspect main landing gear door hinges for security and wear (ref. *BE 32-10-03).	Left	Right	Insp
3.		TORQUE KNEE: Inspect for condition and proper attachment hardware.	Left	Right	Insp
4.	730 740	ACTUATOR: Check actuator and support brackets for visible damage, leaks and condition. Inspect actuator bracket for damage or loose or missing rivets.	Left	Right	Insp
			Left	Right	Insp

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#	ZONE	DESCRIPTION	STAMP		
MAIN LANDING GEAR					
5.	730 740	DRAG LEG: Check security of attach fittings.	Left	Right	Insp
6.	730 740	LANDING GEAR STRUT: Inspect shock strut and components for condition, and attachment. Inspect shock strut for proper inflation and leakage. If signs of leakage are apparent deflate and check fluid level, refer to *BE Chapter 32-30-00. Check gland nut at base of the main upper brace assembly for possible looseness and abnormal wear.	Left	Right	Insp
			Left	Right	Insp
			Left	Right	Insp
7.	730 740	ELECTRICAL: Check for proper attachment of switches. Clean dirt from terminals and connectors as required. Check wiring for damage.	Left	Right	Insp
8.	730 740	HYDRAULIC HOSES: Check for security and leaks.	Left	Right	
9.		GRAVEL FENDERS: Inspect gravel fenders for wear.	Left	Right	
10.		GEAR WELL FORMERS: Inspect gear well formers for wear.	Left	Right	
11.		MAIN LANDING GEAR GREASE FITTINGS: Lubricate with Aeroshell #7 (12 places)(ref. *BE 12-20-00).	Left	Right	
12.		MAIN LANDING GEAR DOOR HINGES AND LINKAGES: Lubricate with LPS-2 (ref. *BE 12-20-00).	Left	Right	
13.		MAIN LANDING GEAR DOOR RETRACT CAM: Lubricate with Aeroshell #7 (ref. *BE 12-20-00).	Left	Right	

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#	ZONE	DESCRIPTION	STAMP	
NOSE LANDING GEAR				
1.	710	SHIMMY DAMPER: Inspect for condition and attachment *BE Chapter 32-20-03.	Mech	Insp
2.	710	ACTUATORS: Visually check actuators and support brackets for visible damage, leaks and condition. Inspect bracket for loose or missing rivets.	Mech	Insp
3.	710	STEERING LINKAGE: Check nose steering mechanism for condition, attachment, wear and correct adjustment (ref. *BE 32-50-00).	Mech	Insp
4.	710	NOSE GEAR ASSEMBLY: Inspect strut and components for condition, attachment, proper inflation, and leakage. Deflate and check fluid level, if signs of leakage are apparent (ref. *BE 32-20-00).	Mech	Insp
5.		ELECTRICAL: Check for proper attachment of switches. Clean dirt from terminals and connectors. Check wiring for damage.	Mech	Insp
6.	710	DRAG BRACE: Check for wear in the drag leg attach lug holes. Remove nose gear drag brace bolts (5 each) and inspect bolts and holes for corrosion. Replace any corroded bolts, send replaced bolts to the Chief Inspector for disposition.	Mech	Insp
7.	710	TORQUE KNEE: Inspect for condition and proper attachment.	Mech	Insp
8.	710	HYDRAULIC HOSES: Check for security and leaks, condition and leaks	Mech	Insp
9.		NOSE LANDING GEAR DOOR HINGES AND RETRACT LINKAGE: Lubricate with LPS-2 (ref. *BE 12-20-00).	Mech	
10.		NOSE LANDING GEAR GREASE FITTINGS: Lubricate with Aeroshell #7 (12 places)(ref. *BE 12-20-00).	Mech	
11.		NOSE LANDING GEAR UPPER AND LOWER STRUT BEARING: Lubricate with Aeroshell #17 (4 places)(ref. *BE 12-20-00).	Mech	
12.		NOSE LANDING GEAR STEERING BELLCRANK GREASE FITTING: Lubricate with Aeroshell #7 (ref. *BE 12-20-00).	Mech	
13.		NOSE LANDING GEAR STEERING DISCONNECT CAM: Lubricate with Aeroshell #7 (ref. *BE 12-20-00).	Mech	

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#	ZONE	DESCRIPTION	STAMP			
LANDING GEAR RETRACTION						
NOTE						
Since battery voltage is not sufficient to properly cycle the landing gear, use an external power source capable of delivery and maintaining 28.25 +/- .25 volts throughout the extension and retraction cycles when performing the landing gear inspection. Apply 18 psi nitrogen to landing gear system before cycling. Observe all cycle limits while performing inspection.						
1.		LANDING GEAR CONTROL ND RETRACT MECHANISM: Check retraction system for proper operation of all components through as least two complete cycles. Refer to *BE Chapter 32-30-00. Check for unusual noise and evidence of binding.	Mech		Insp	
			Mech		Insp	
2.	710 730 740	DOORS AND LINKAGE: Check door operation, fit and rig as required, per *BE Chapter 32-30-12 and 32-30-15.	Left	Nose	Right	Insp
3.	710 730 740 245	POSITION INDICATORS: Check for security and adjustment of switches, loose wires and proper operation.	Mech		Insp	
4.	710	WARNING HORN: Check for proper operation of throttle warning, flap warning and warning horn silencer, per *BE Chapter 32-60-06.	Mech		Insp	
5.	730 740	SAFETY SWITCH: Check for security of attachment, per *BE Chapter 32-60-00.	Left	Right	Insp	
6.	710 730 740	ACTUATORS: Check for noise, binding and proper rigging, per *BE Chapter 32-30-09.	Left	Nose	Right	Insp
7.	121 710 730 740	HYDRAULIC HAND PUMP EMERGENCY EXTENSION: Check system for freedom of operation.	Mech		Insp	

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#	ZONE	DESCRIPTION	STAMP			
POWERPLANT						
1.	410 420	IGNITER PLUGS: Inspect and clean as instructed in the *PWC Chapter 74-26-61 or *BE Chapter 74-00-00.	Left	Insp	Right	Insp
2.	410 420	OIL FILTER: Inspect the oil filter for metal particles as described in the *PWC Chapter 79-20-02.	Left	Insp	Right	Insp
3.	400	ENGINE MOUNTS: Inspect isolator mounts for signs of elastomer debond cracks in the rubber, large permanent set or static droop. check each mount with a finger (not nail) to see if rubber is cooked or hardened. Refer to *BE Chapter 71-20-00 for inspection criteria.	Left	Insp	Right	Insp
4.	410 420 730 740	ENGINE FUEL PUMP FILTERS AND SCREENS: Inspect the filters and screens for microbiological growth as instructed in *PWC Chapter 73-10-02.	Left	Insp	Right	Insp
5.	420 621	COMPRESSOR DRIVE QUILL SHAFT: Check for condition and lubricate the spline on the pulley end of the shaft with Molykote M77.	Mech			
6.	420	COMPRESSOR DRIVE BELTS: Check for cracks, shredding and wear. Check alignment as outlined in *BE Chapter 21-52-02.	Mech		Insp	
7.	410 420 400	ENGINE ACCESSORIES: Inspect all accessories, plumbing and associated equipment for condition, attachment and visible signs of leakage.	Left	Insp	Right	Insp
8.	163 173 420 611	REFRIGERANT LINES AND SERVICE VALVES: Inspect refrigerant lines in the right engine cowling, nacelle, and cabin for leaks, damage and attachment.	Mech			
9.	420	REFRIGERANT COMPRESSOR: Check for damage, attachment and oil leaks.	Mech			
10.	410 420	MAGNETIC CHIP DETECTOR: Inspect and clean chip detector per *BE Chapter 79-30-00.	Left	Insp	Right	Insp

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#	ZONE	DESCRIPTION	STAMP			
POWERPLANT						
11.		STARTER GENERATOR: Inspect brushes for indication of excessive wear or damage (ref. *BE 24-30-01. Life remaining LT: _____ RT _____ Inspect starter generator for security and attachment. Inspect starter generator wiring for security, attachment and broken terminal ends. Inspect inlet duct and blast cap for cracks, chafing, and proper installation.	Left		Right	
			Left	Insp	Right	Insp
			Left	Insp	Right	Insp
			Left	Insp	Right	Insp
12.	410 420	COWLINGS: Clean and inspect. Ensure cowls are properly installed and safetied as required.	Left	Insp	Right	Insp
13.		PT BLADES: Inspect second stage IAW P&WC SIL PT6A-075.	Left	Insp	Right	Insp
14.		ENGINE CAM BOX, CAM PLATE AND PINS: Lubricate with Lubriplate #130AA (ref. *BE 12-20-00).	Left		Right	

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#	ZONE	DESCRIPTION	STAMP	
GENERAL SERVICE ITEMS				
AIRCRAFT LUBRICATION				
A.		CABIN AIR STAIR DOOR HINGE: Lubricate with LPS-2 (ref. *BE Chapter 12-20-00).	Mech	
B.		CABIN AIR STAIR DOOR CAM LIP: Lubricate 8 places with Door Ease (ref. *BE Chapter 12-20-00).	Mech	
C.		CARGO DOOR CAM LOCKS: Lubricate with Door Ease (ref. *BE Chapter 12-20-00).	Mech	
D.		CARGO DOOR HINGE: Lubricate with LPS-2 (ref. *BE Chapter 12-20-00).	Mech	
E.		RUDDER PEDALS: Lubricate with LPS-2 (ref. *BE Chapter 12-20-00)	Left	Right
F.		RUDDER TRIM TAB ACTUATOR GREASE FITTINGS: Lubricate with Aeroshell #7 (ref. *BE Chapter 12-20-00).	Mech	
G.		RUDDER TRIM TAB HINGE: Lubricate with LPS-2 (ref. *BE Chapter 12-20-00).	Mech	
H.		ELEVATOR TRIM TAB HINGE: Lubricate with LPS-2 (ref. *BE Chapter 12-20-00).	Mech	
I.		ELEVATOR TRIM TAB ACTUATOR: Lubricate by purging grease with Aeroshell #7 (ref. *BE Chapter 12-20-00).	Mech	
J.		FLAP TRACKS: Lubricate with Lubriplate Aero or Lubriplate 130AA (ref. *BE Chapter 12-20-00).	Mech	
K.		AILERON TRIM TAB ACTUATOR: Lubricate with Aeroshell #7 (ref. *BE Chapter 12-20-00).	Mech	
L.	212	INSTRUMENT AIR FILTER: Inspect the air filter	Mech	
M.	153 173	EVAPORATOR FILTER: Replace the evaporator filters as instructed in *BE Chapter 21-52-00.	Fwd	Aft

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#	ZONE	DESCRIPTION	STAMP	
GENERAL SERVICE ITEMS				
N.	110 241 242 262	PITOT AND STATIC SYSTEM: Open drain valves until all moisture is drained.	Mech	
O.	248	EFIS: Verify operation of EADI and EHSI tube fans as appropriate.	Mech	
P.	812	VACUUM REGULATOR VALVE FILTER: Clean or replace the filter as instructed in *BE Chapter 37-00-00.	Mech	
Q.		PLACARDS: Verify that all placards are in place and legible, refer to *BE Chapter 11-20-00.	Mech	Insp
R.	253	EXTERNAL POWER: Check the external power relay for operation (rotate the voltmeter select switch to the EXT PWR position and check for external power voltage.	Mech	
S.	510 610	AIRFRAME FUEL FILTERS AND SCREENS: Inspect and clean the filters (ref. *BE Chapter 28-20-02).	Left	Right
T.	511	AIR CYCLE MACHINE: Change the air cycle machine oil (*BE Chapter 21-51-00).	Mech	

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#	ZONE	DESCRIPTION	STAMP		
OPERATIONAL INSPECTION					
1.		ENVIRONMENTAL OPERATIONAL OVERPRESSURE CHECK: Perform operational test in *BE Chapter 21-11-00.	Mech		
2.		ENVIRONMENTAL OPERATIONAL OVER TEMPERATURE TEST: Perform the operational test in *BE Chapter 21-11-00.	Mech		
3.		PROPELLER DEICER: Perform the propeller deicer system inspection in accordance with *BE Chapter 30-60-00.	Left	Right	
4.		GROUND PERFORMANCE CHECK: Perform the ground performance check with zero power extraction in accordance with the procedures in *BE Chapter 76-10-00.	Left	Right	
5.		AFTER ENGINE SHUTDOWN: Inspect the engine for fuel and oil leaks, security and attachment of all components.	Left	Right	Insp
6.		IDLE CUTOFF: Check for clean shutdown.	Left	Right	
7.		INVERTER SYSTEM OPERATIONAL CHECK: Perform operational check of the inverter system (ref. *BE 24-20-00).	Mech		
8.		GROUND FINE CHECK: Perform Ground Fine Check, per *BE Chapter 76-10-00.	Left	Right	
9.		PERFORM POST MAINTENANCE RUNS: (IAW flight crew first run of the day checklist) Ops check and/or leak check any systems that had maintenance performed on it.	Left	Right	

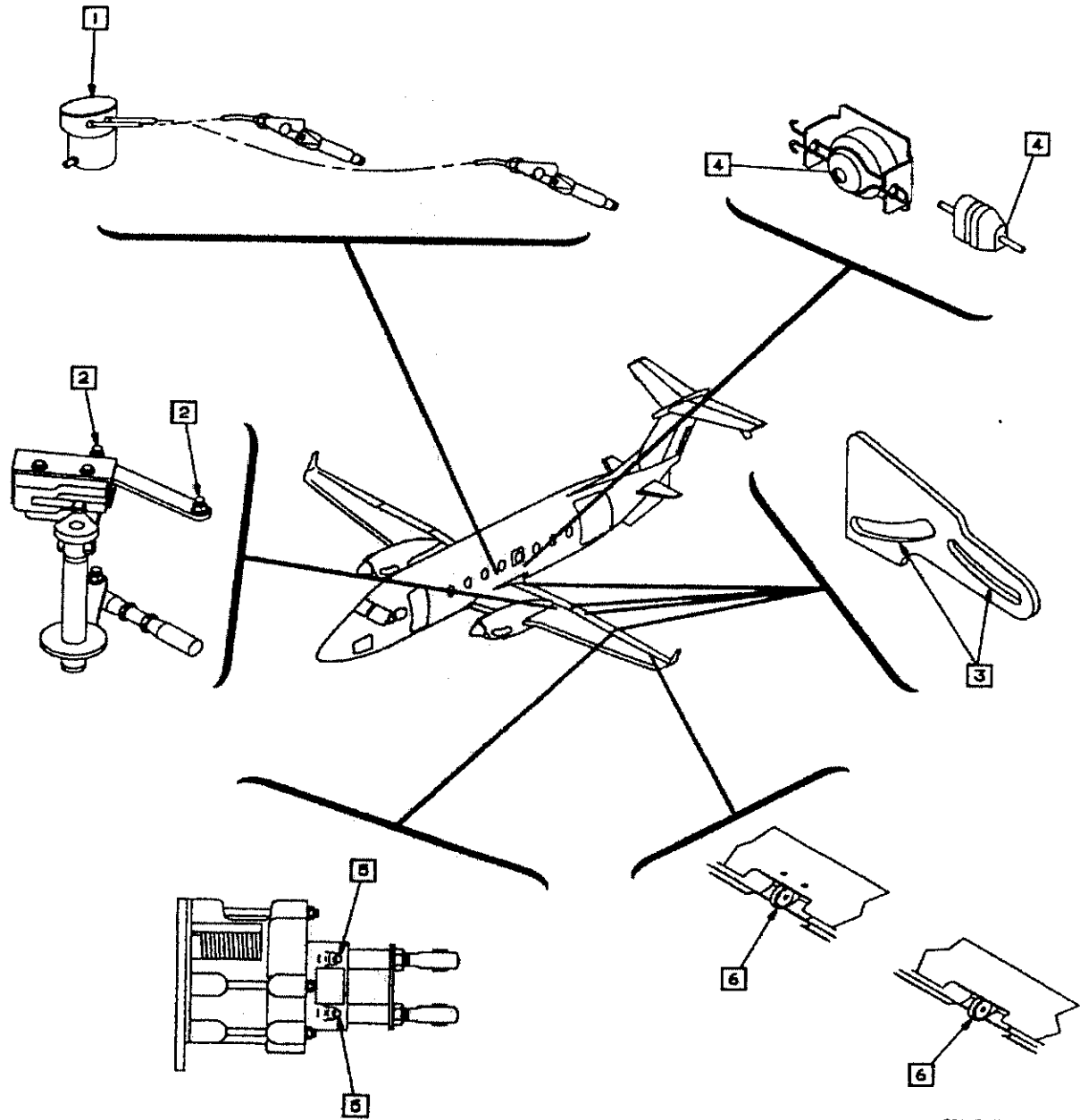
I have examined this entire document and determined that each item has been completed.
Any deferred items meet the requirements of the Maintenance Procedures Manual.

Foreman's Signature: _____

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Flap and Aileron Control System Lubrication (Effectivity: All)

001302

FIGURE 10B

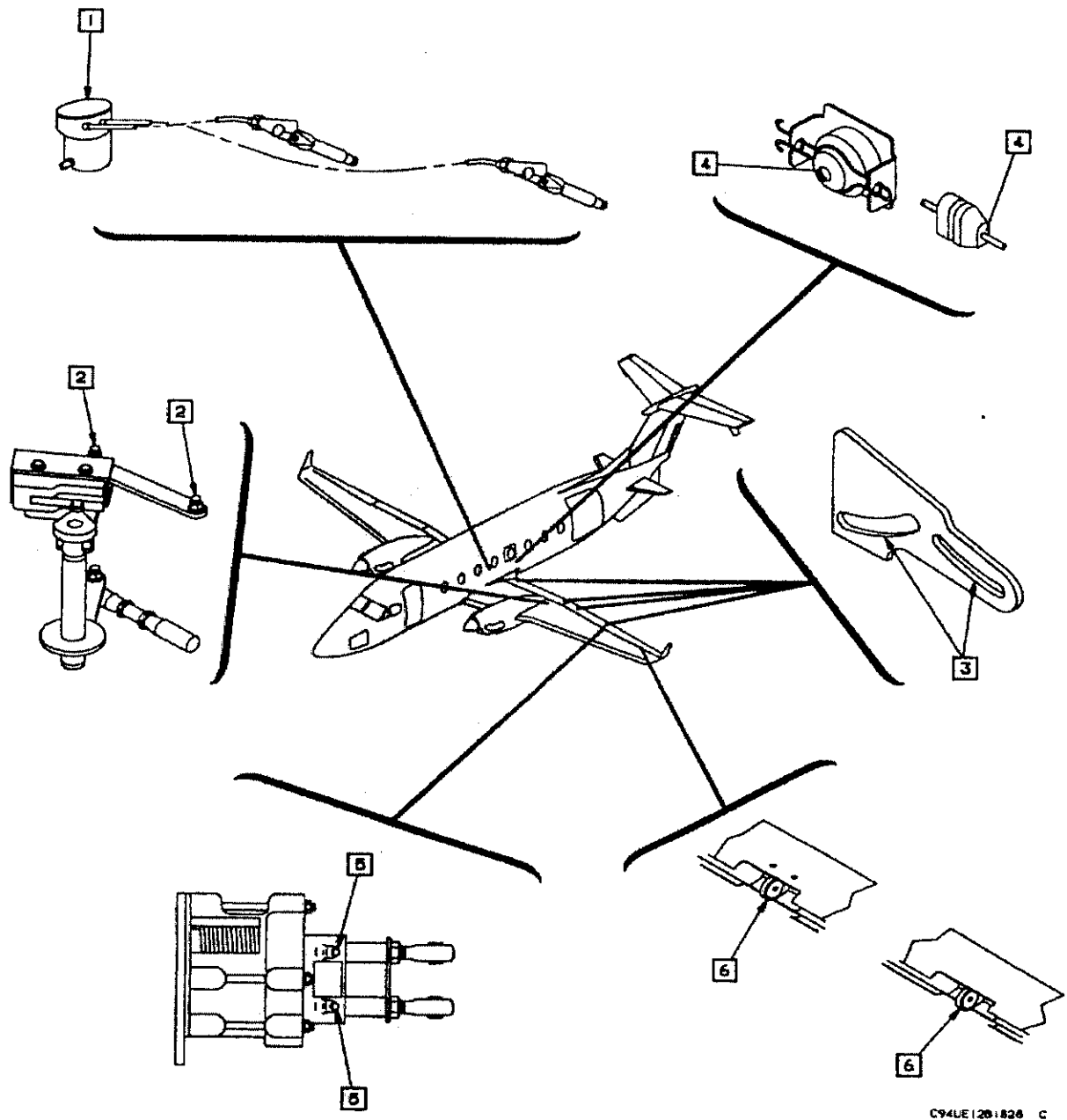
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C94UE1201826 C

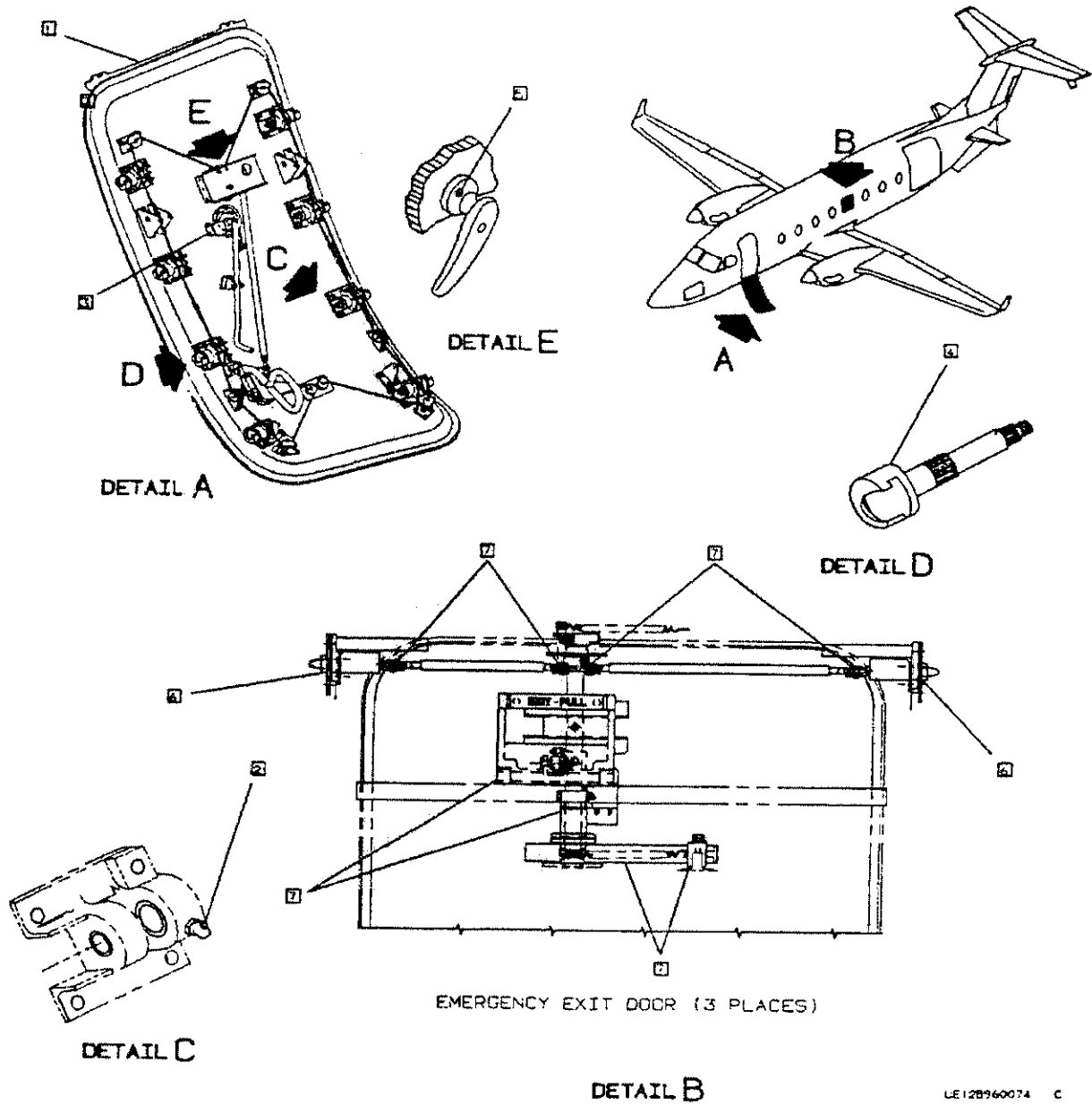
Flap and Aileron Control System Lubrication (Effectivity: All)

001302

FIGURE 10B

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LE128960074 C

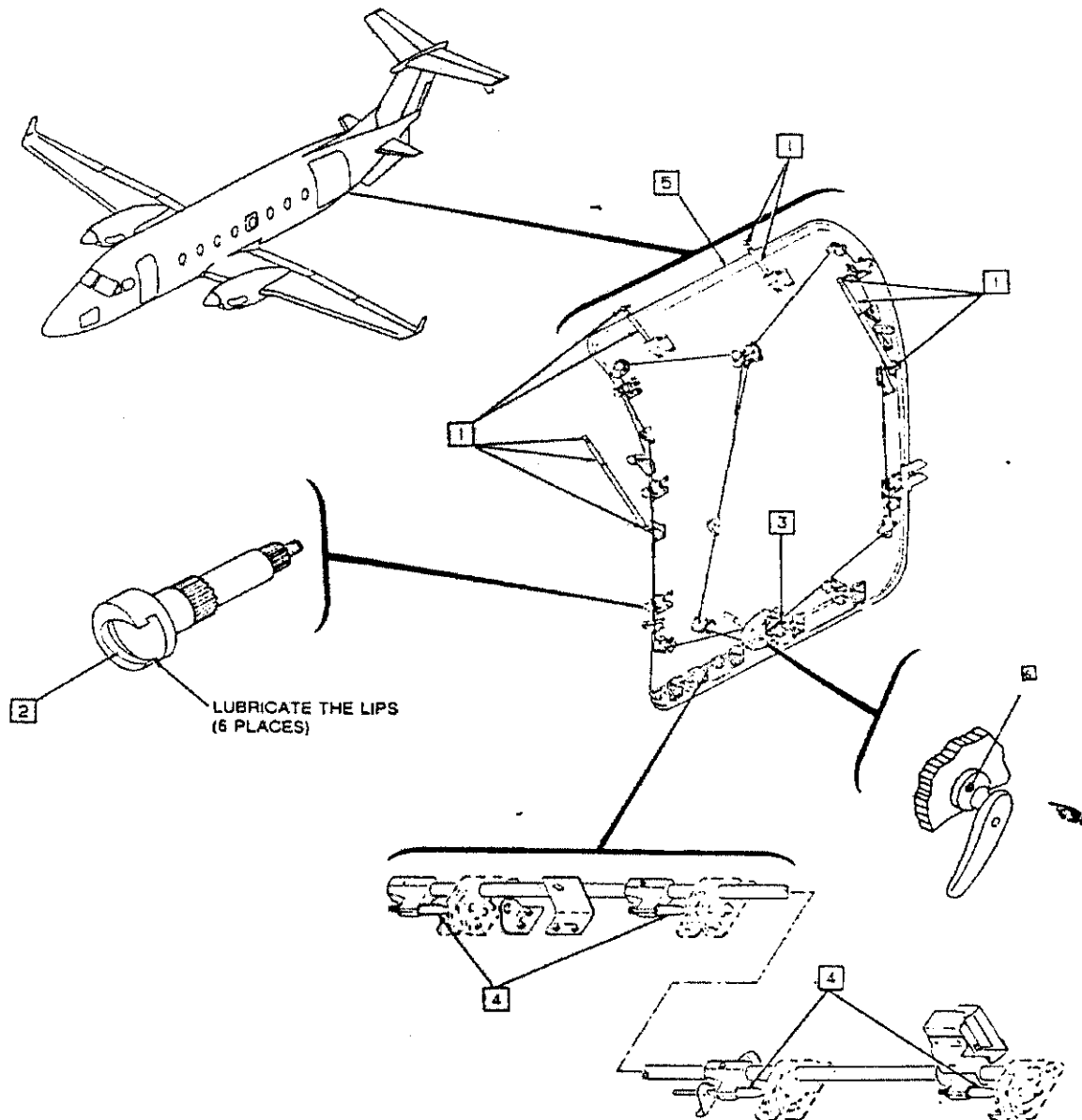
Cabin Air Stair Lubrication (Effectivity: All)

001304

FIGURE 10C

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(FORM # 260.006)

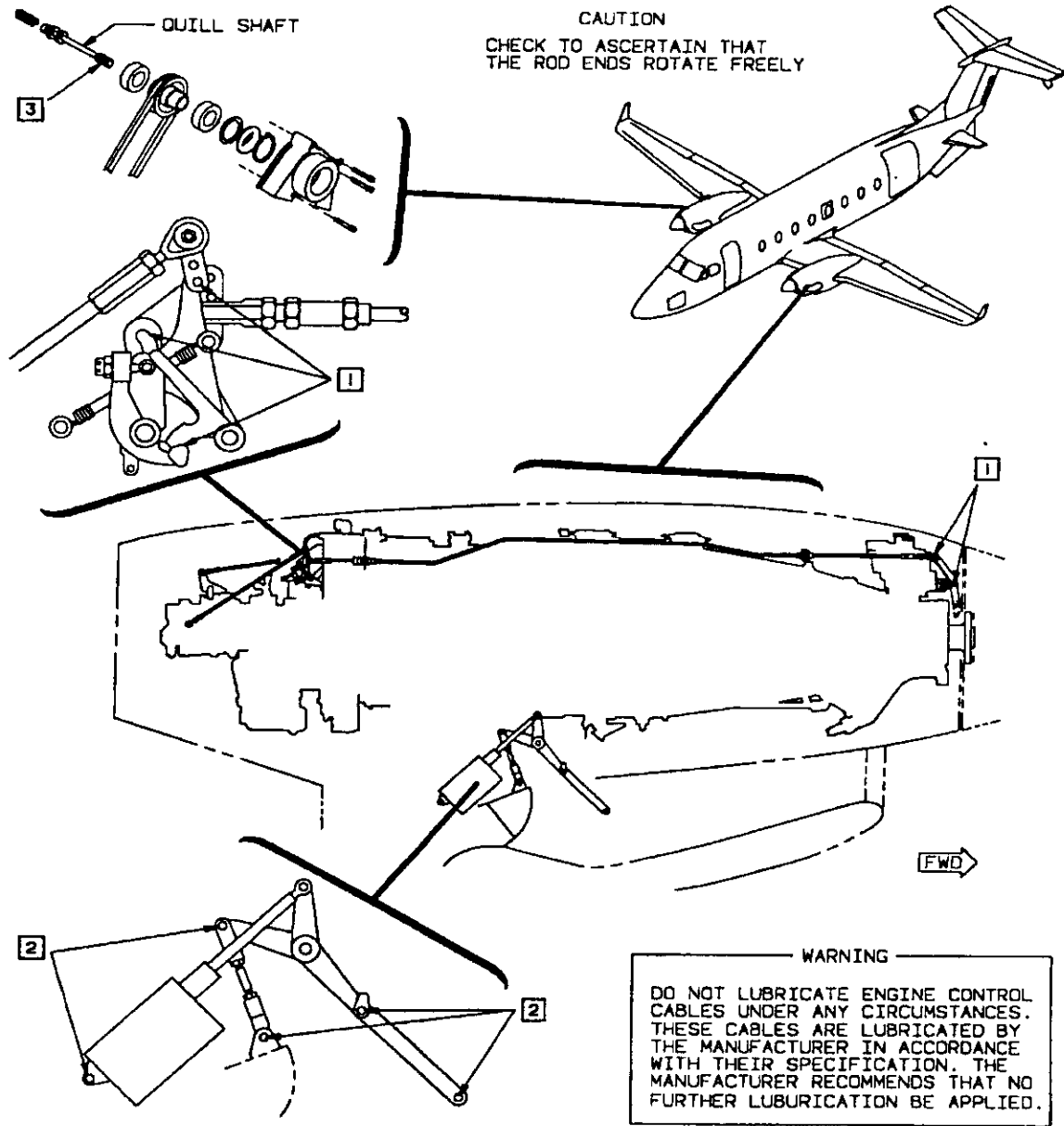


C9101209

Cargo Door Lubrication (Effectivity: All)

001305

FIGURE 10D

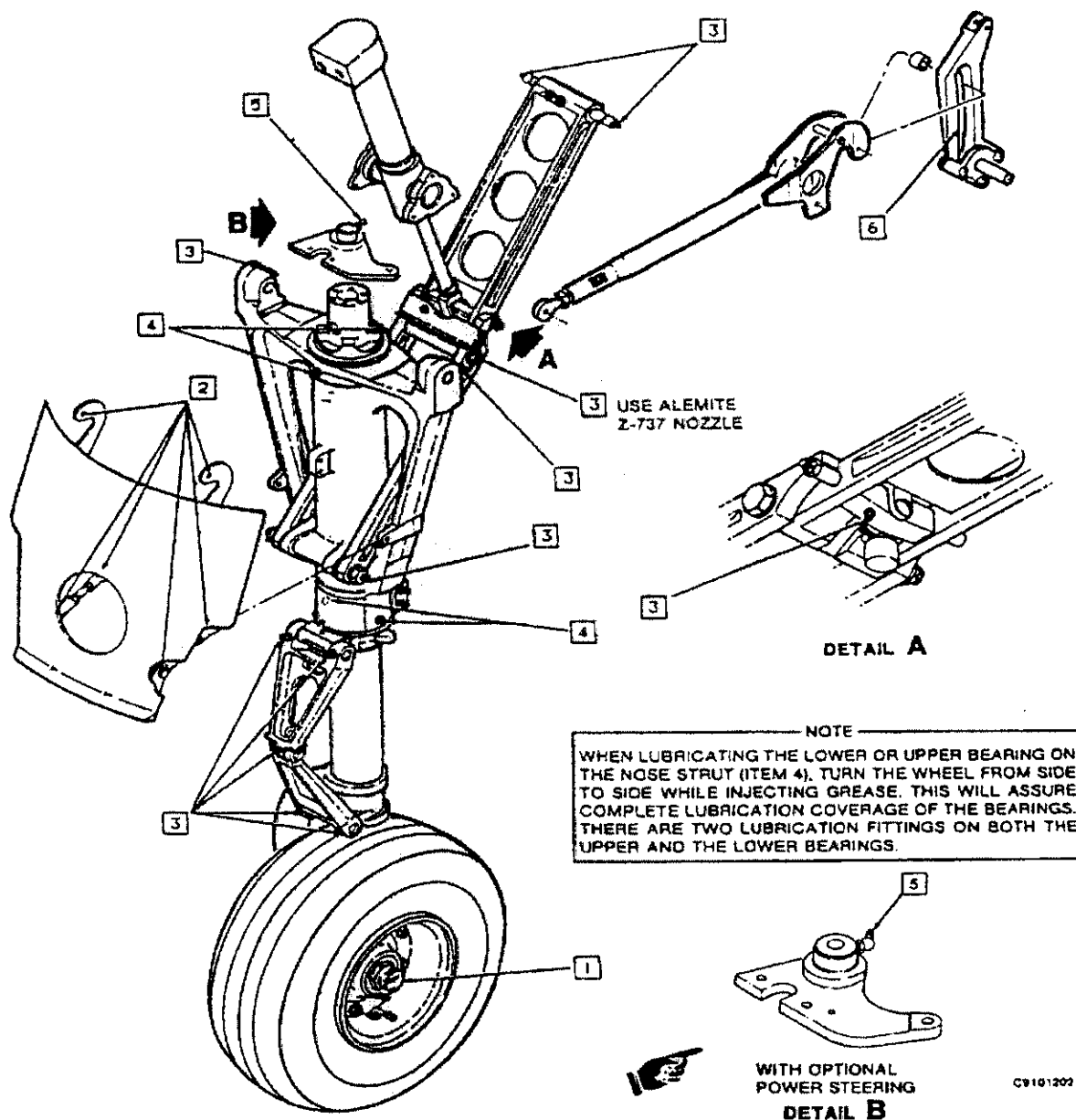


Nacelle Engine Controls and Inertial Anti-Ice Lubrication
(Effectivity: All)

C94E1201010 C

001296

FIGURE 10E



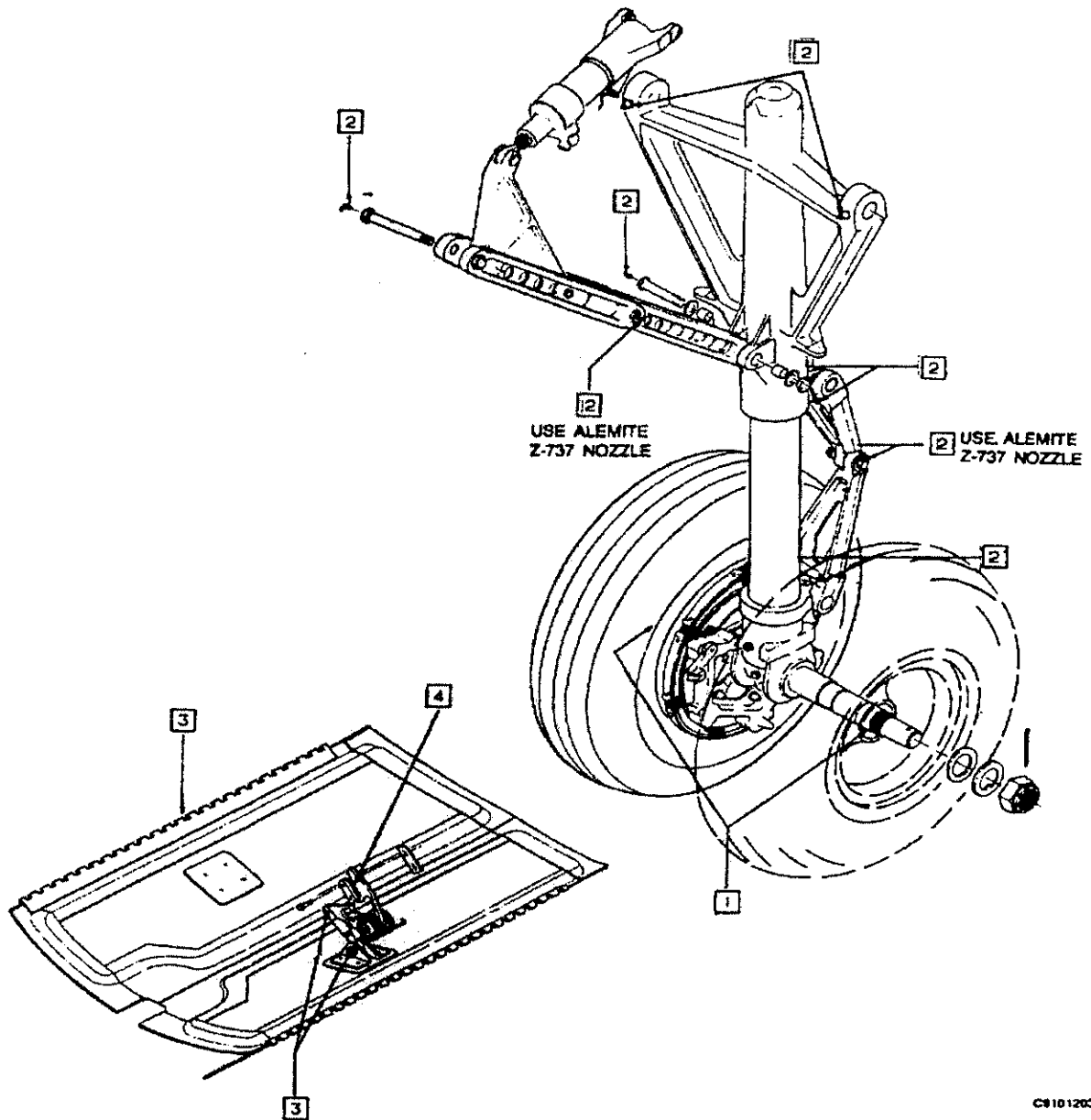
Nose Landing Gear Lubrication (Effectivity: All)

001298

FIGURE 10F

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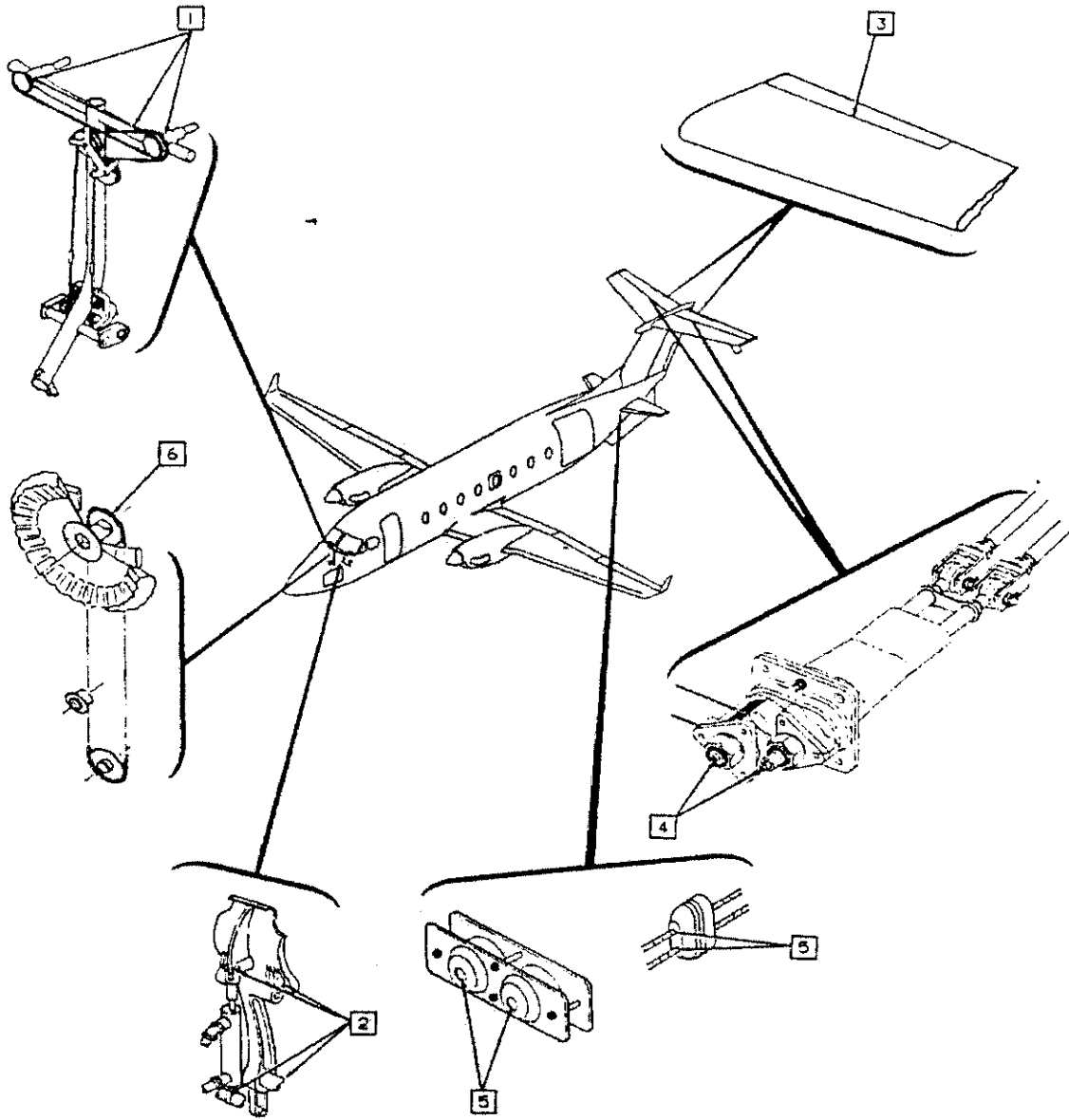


C9101203

Main Landing Gear Lubrication (Effectivity: All)

001299

FIGURE 10G



C9101204

**Flight Compartment and Elevator Controls Lubrication
(Effectivity: All)**

001300

FIGURE 10H

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PANEL NUMBERS	DESCRIPTION	STAMP	
INSTALL THE FOLLOWING LEFT WING ACCESS PANELS			
		Mech	Insp
511AT	ACM, environmental system equipment, hydraulic power pack, deice plumbing. (ref. Figure 9)		
511	Pneumatic plumbing & valve, environmental system test & check valve, engine control cables, bleed air plumbing, deice plumbing, air conditioning plumbing, hydraulic plumbing, electrical wiring. (ref. Figure 9)		
531 CB	Fuel strainer, drain valve. (ref. Figure 9)		
INSTALL THE FOLLOWING RIGHT WING ACCESS PANELS			
631CB	Fuel strainer, drain valve. (ref. Figure 9)		
INSTALL THE FOLLOWING LEFT NACELLE/COWLING ACCESS PANELS			
411AT	Upper forward cowling. (ref. Figure 10)		
411BB	Lower forward cowling. (ref. Figure 10)		
412ATC	Aft upper center cowling. (ref. Figure 10).		
413L	Left plenum panel. (ref. Figure 10)		
414L	Outboard accessory panel. (ref. Figure 10)		
416R	Upper inboard accessory panel. (ref. Figure 10)		
415R	Lower inboard accessory panel. (ref. Figure 10)		
413R	Right Plenum panel. (ref. Figure 10)		

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PANEL NUMBERS	DESCRIPTION	STAMP	
INSTALL THE FOLLOWING RIGHT NAGELLE/COWLING ACCESS PANELS			
		Mech	Insp
421AT	Upper forward cowling (ref. Figure 10).		
421BB	Lower forward cowling (ref. Figure 10).		
422ATC	Aft upper center cowling (ref. Figure 10).		
423R	Right plenum panel (ref. Figure 10).		
423L	Left plenum panel (ref. Figure 10).		
424R	Outboard accessory panel (ref. Figure 10).		
425L	Lower inboard accessory panel (ref. Figure 10).		
426L	Upper inboard accessory panel (ref. Figure 10).		

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#	ZONE	DESCRIPTION	STAMP		
POWERPLANT					
1.		ENVIRONMENTAL OPERATION OVERPRESSURE CHECK: Perform operational test in *BE Chapter 21-11-00.	Mech		
2.		ENVIRONMENTAL OPERATIONAL OVERTEMPERATURE TEST: Perform the operational test in *BE Chapter 21-11-00.	Mech		
3.		PROPELLER DEICER: Perform the propeller deicer system inspections in accordance with *BE Chapter 30-60-00.	Mech		
4.		GROUND PERFORMANCE CHECK: Perform the ground performance check with zero power extraction in accordance with the procedures in *BE Chapter 76-10-00. If only one engine performance parameter is found to be outside the expected limits, confirm the accuracy of the appropriate indicating system before making any engine adjustments. AFTER ENGINE SHUTDOWN: Inspect the engine for fuel and oil leaks, security and attachment of all components.	Mech		
			Left	Right	Insp
5.		CONDITION LEVERS: Check for clean shutdown at IDLE CUT OFF.	Left	Right	
6.		INVERTER SYSTEM OPERATIONAL CHECK: Perform operational check of the inverter system, refer to *BE Chapter 24-20-00.	Mech		
7.		GROUND FINE CHECK: Perform Ground Fine Check per *BE Chapter 76-10-00.	Left	Right	
8.		PERFORM POST MAINTENANCE RUNS: (IAW flight crew first run of the day checklist) ops check and/or leak check any systems that had maintenance performed on.	Left	Right	

I have examined this entire document and determined that each item has been completed.
Any deferred items meet the requirements of the Maintenance Procedures Manual.

Foreman's Signature _____

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SIXTH DETAILED INSPECTION PROCEDURES CHECKLIST

AIRCRAFT INFORMATION

A/C S/N	DATE	W/O #
FHM	TOTAL TIME	CYCLES

FORMS REQUIRED

1. Sixth DETAILED Inspection Form #260.007.
2. Aircraft Maintenance Record.
3. Routine Inspection Form # 260.001 must be accomplished in conjunction with this detailed inspection to comply with Continuous Inspection Regulations.
4. Anti Collision Light System Inspection and Test Form #M022.

REFERENCE MATERIAL

1. Beechcraft 1900D Airliner Wiring Diagrams Manual.
 2. Beechcraft 1900D Airliner Maintenance Manual.
 3. Beechcraft 1900 Airliner Series Component Maintenance Manual.
- *BE = Beechcraft 1900D Airliner Maintenance Manual, as revised and current airworthiness directives.
- *PWC = Pratt and Whitney Canada PT6A-67D Maintenance Manual, as revised and current airworthiness directives.

INSPECTION PROCEDURES

1. Fill out the headings on each form in its entirety.
2. When each item is inspected, the responsible person will make entries as required and will stamp in the space provided in the right hand column.
3. List all discrepancies found on the Aircraft Maintenance Record form.
4. Each discrepancy is to be stamped off by the mechanic, if it is an RII item then the inspector must also inspect the completed work and stamp off the discrepancy when the work is approved.
5. Any maintenance task not applicable, should be marked N/A by the mechanic or inspector. Any space which is shaded is not required to be stamped.

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SIXTH DETAILED INSPECTION PROCEDURES CHECKLIST

PANEL NUMBERS	DESCRIPTION	STAMP	
REMOVE THE FOLLOWING CABIN FLOORBOARD PANELS			
		Mech	Insp
181AT	Flt control & trim tab cables, deice plumbing, antenna, instrument air plumbing, static ports (ref. Figure 11)		
181BT	Flt control & trim tab cables, deice plumbing (ref. Figure 11)		
181CT	Flt control & trim tab cables, electrical connectors, wire harness (ref. Figure 11)		
REMOVE THE FOLLOWING FUSELAGE ACCESS PANELS			
311AL	LH flt control cables (ref. Figure 12)		
311BL	LH flt control cables (ref. Figure 12)		
311CL	Rudder horn and stop bolts (ref. Figure 12)		
312AR	RH flt control cables (ref. Figure 12)		
312BR	RH flt control cables (ref. Figure 12)		
REMOVE THE FOLLOWING STABILIZER ACCESS PANELS			
331BL	Flt control cables (ref. Figure 13)		
332BTC	Stabilizer attachment, deice tube, strobe beacon (ref. Figure 13)		
333ATC	Stabilizer attachment, trim tab & elevator bell crank (ref. Figure 13)		
351ATL	Elevator trim tab cables (ref. Figure 13)		
351BTL	Elevator trim tab cables, actuator (ref. Figure 13)		
352BBR	Elevator trim tab cables, actuator (ref. Figure 13)		
352ABR	Elevator trim tab cables (ref. Figure 13)		

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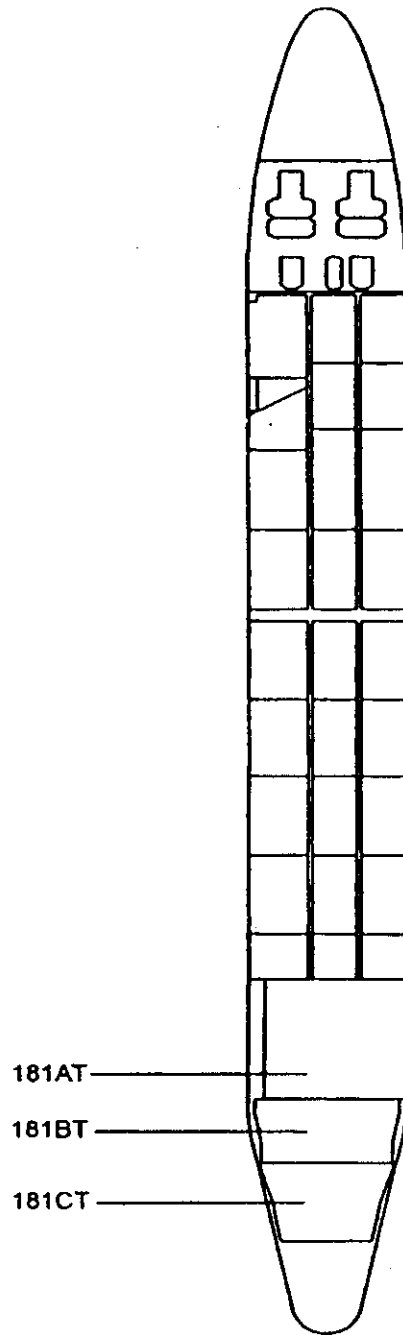
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SIXTH DETAILED INSPECTION PROCEDURES CHECKLIST

PANEL NUMBERS	DESCRIPTION	STAMP	
REMOVE THE FOLLOWING LEFT NACELLE/COWLING ACCESS PANELS			
		Mech	Insp
411AT	Upper forward cowling (ref. Figure 14)		
413L	Left plenum panel (ref. Figure 14)		
413R	Right plenum panel (ref. Figure 14)		
414L	Outboard accessory panel (ref. Figure 14)		
415R	Lower inboard accessory panel (ref. Figure 14)		
416R	Upper inboard accessory panel (ref. Figure 14)		
REMOVE THE FOLLOWING RIGHT NACELLE/COWLING ACCESS PANELS			
421AT	Upper forward cowling (ref. Figure 14)		
423R	Right plenum panel (ref. Figure 14)		
423L	Left plenum panel (ref. Figure 14)		
424R	Outboard accessory panel (ref. Figure 14)		
425L	Lower inboard accessory panel (ref. Figure 14)		
426L	Upper inboard accessory panel (ref. Figure 14)		

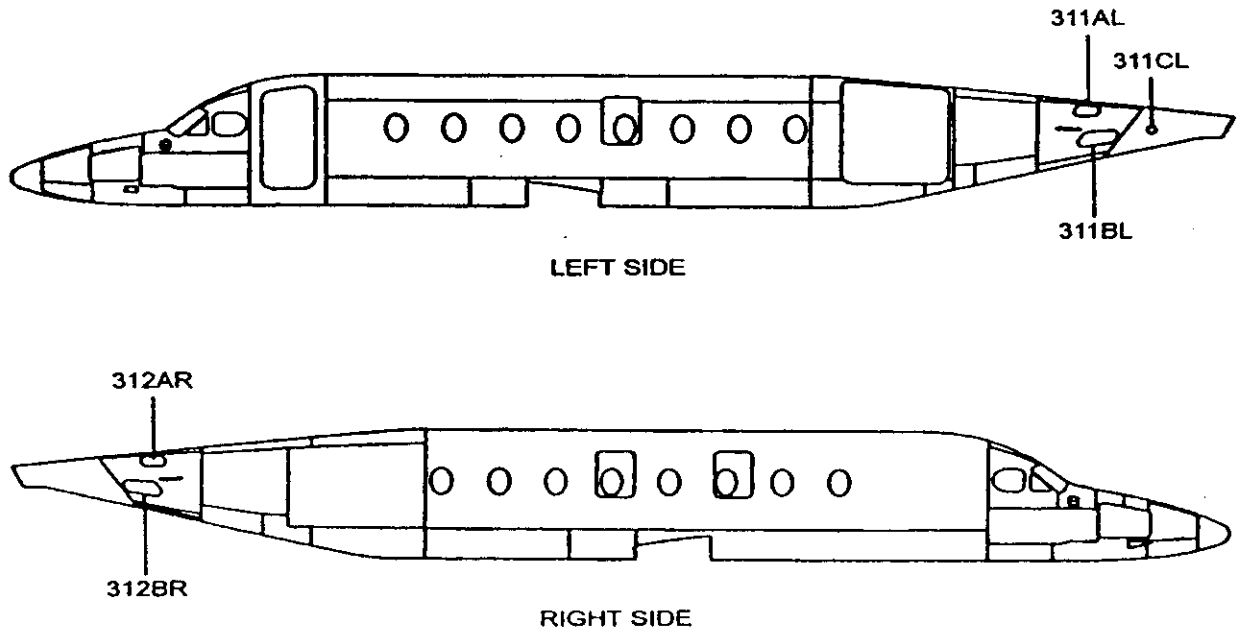
SIXTH DETAILED INSPECTION PROCEDURES CHECKLIST



000308

CARGO FLOORBOARD PANELS
FIGURE 11

SIXTH DETAILED INSPECTION PROCEDURES CHECKLIST



000309

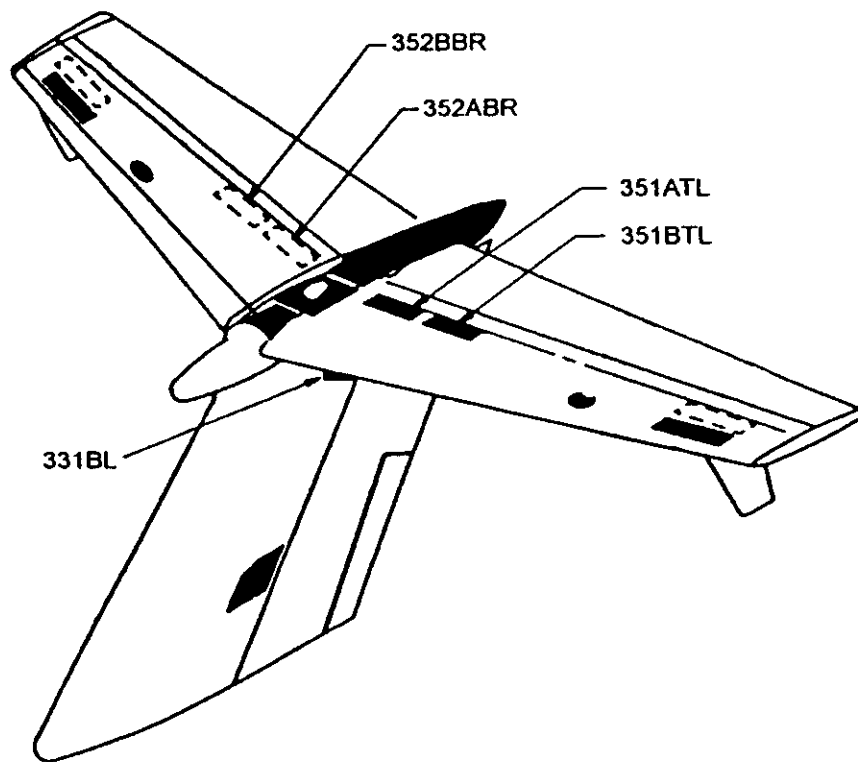
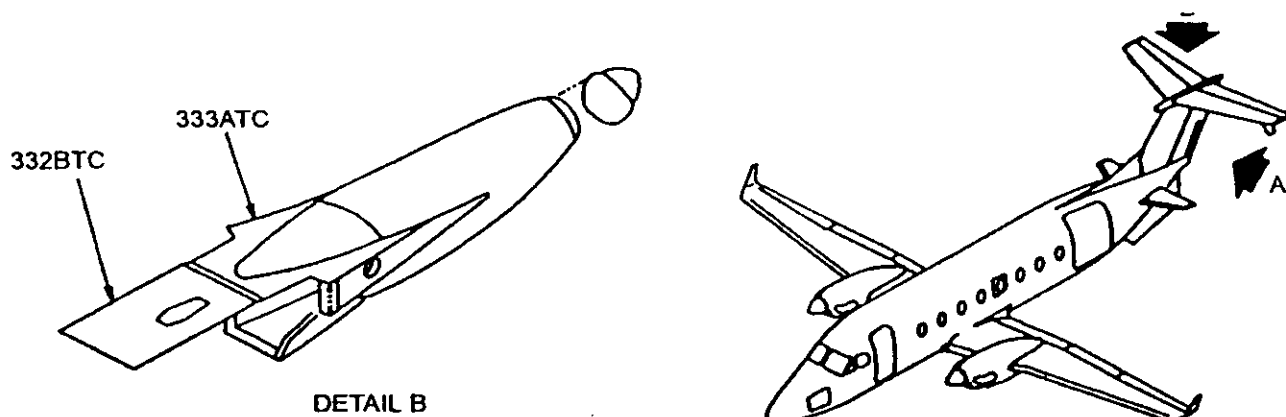
FUSELAGE ACCESS PANELS
FIGURE 12

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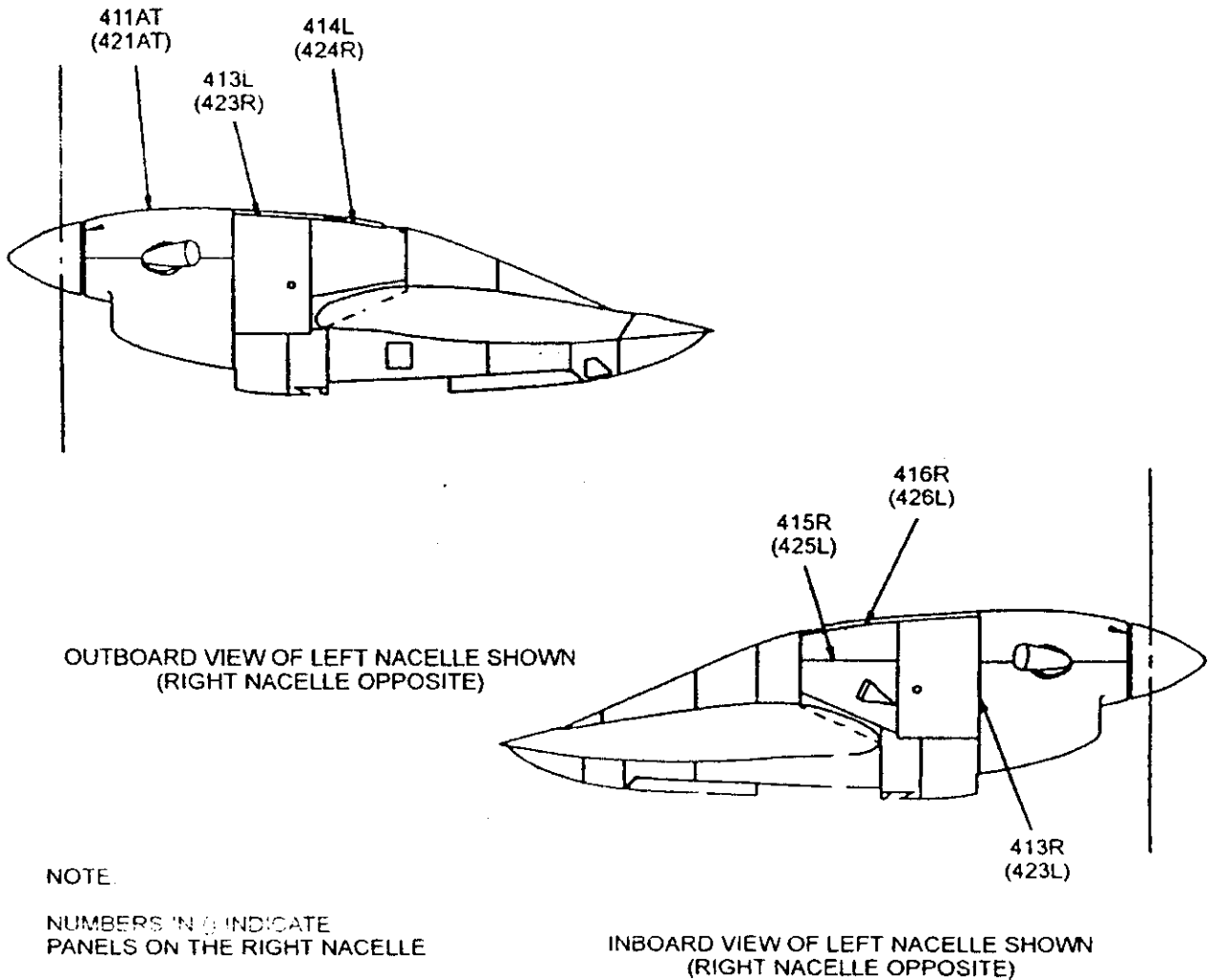


DETAIL A
Stabilizer Access Panels (Effectivity: All)
Figure

000310

STABILIZER ACCESS PANELS
FIGURE 13

SIXTH DETAILED INSPECTION PROCEDURES CHECKLIST



NACELLE/COWLING ACCESS PANELS
FIGURE 14

000321

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SIXTH DETAILED INSPECTION PROCEDURES CHECKLIST

#	ZONE	DESCRIPTION	STAMP	
AFT FUSELAGE AND EMPENNAGE				
	SB2564	.CW BEECH SB 2564 AS REVISED (ACFT.UE1-UE113)	Mech	Insp
1	280 281 311 312 330 340 320	SKIN - Inspect skin for condition and loose or missing rivets. If damage is found, check adjacent structure	Mech	Insp
2		STRUCTURE - Check for cracks, loose or missing rivets and concealed damage.	Mech	Insp
3	181 311 312	<p>FLIGHT CONTROL COMPONENTS, CABLES AND PULLEYS - Inspect the control system components (pushrods, turnbuckles, end fittings, castings, etc for bulges, splits, bends or cracks.)</p> <p>Check control cables, pulleys and associated equipment for condition, attachment, alignment, clearance, and proper operation.</p> <p>Inspect cables for broken strands or evidence of corrosion per *BE Chapter 20-04-00.</p> <p>Check cable tension per *BE Chapter 27.</p> <p>Temperature _____ degrees F.</p> <p>3/16" Elevator Cable Tension: UP _____ DOWN _____.</p> <p>1/16" Elevator Tab Cable Tension: _____.</p> <p>3/16" Rudder Cable Tension: LT _____ RT _____.</p> <p>1/16" Rudder Tab Cable Tension: _____.</p>	Mech	Insp
			Mech	Insp
			Mech	Insp
			Mech	Insp
4	311 312	PLUMBING - Inspect plumbing for condition and attachment.	Mech	Insp

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SIXTH DETAILED INSPECTION PROCEDURES CHECKLIST

#	ZONE	DESCRIPTION	STAMPS		
AFT FUSELAGE AND EMPENNAGE					
5	330 351 352	DEICER BOOTS - Check for condition and attachment.	Mech		Insp
6	331 340 351 361 352 362	FLIGHT CONTROLS EMPENNAGE SURFACES - Inspect skin for condition and loose or missing rivets.	Mech		Insp
		Check surfaces for proper attachment and freedom of movement.	Mech		Insp
		Check optional trim actuators and motor for attachment.	Mech		Insp
		Inspect elevator and rudder hinge brackets and their spar attach areas.	Mech		Insp
		Check rudder hinge bearings for wear.	Mech		Insp
		Check elevator and rudder tab free play as instructed per *BE Chapter 27-20-00 and 27-30-00.	Mech		Insp
		Elevator Free Play: _____ (Limits + -.06 Inch).	Left	Right	Insp
		Rudder Free Play: _____ (Limits + -.06 Inch).	Mech		Insp
		Elevator Tab Free Play (Limits See *BE Chapter 27-30-03) LT _____ RT _____.	Left	Right	Insp
		Rudder Tab Free Play _____ (Limits See *BE Chapter 27-20-04).	Top	Bottom	Insp
7	312	VENTRAL FIN AND FUSELAGE DRAINS - Check the drain holes in the ventral fin fore and aft of the access door on the RH underside of the fuselage for obstructions. Remove the door and check for obstructions of the drain holes in the base of the stringers on each side of the door at the point of juncture with the aft pressure bulkhead. Check for obstructions of the drain tube adjacent to where the relief hose attaches to the drain tube. Check bayonet-type drain for obstruction.	Mech		

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SIXTH DETAILED INSPECTION PROCEDURES CHECKLIST

#	ZONE	DESCRIPTION	STAMPS		
AFT FUSELAGE AND EMPENNAGE					
8	850	CARGO DOOR LATCHING MECHANISM - Inspect, clean and lubricate as instructed Per *BE Chapter 52-30-00	Mech	Insp	
9	311/312	CHECK BAYONET - TYPE drain for damage or obstruction.	Mech	Insp	
10	311/312	STATIC PORTS - Check and clean as necessary per *BE Chapter 34-10-00	Mech		
11	280	OUTFLOW VALVES - Check for operation, cleanliness, and attachment. Clean per *BE Chapter 21-30-00.	Mech	Insp	
12	280	CONTROL CABLE SEALS - Check for damage, security, cleanliness and lubrication.	Mech	Insp	
POWERPLANT					
1	400	ENGINE MOUNT TRUSS - Visually inspect the engine mount truss assy for cracks, chafing and dents I.A.W. SIM "H" check. Check torque on truss mount bolts I.A.W. 71-20-00. <i>TRUSS IPN LSN</i> <i>CRAN RSN</i>	Left	Right	Insp
2	410/420/400	ENGINE OIL FILTER - Inspect oil filter for metal particles as described in the *PWC Chapter 79-20-02.	Left	Right	Insp
3	410/420	IGNITER PLUGS - Inspect and clean as instructed in the *PWC Chapter 74-26-61 or *BE Chapter 74-00-00.	Left	Right	Insp
4	410/420/400	INDUCTION SYSTEM Inspect the air intake duct and engine inlet screen for obstructions, cracks, corrosion and security. Remove air inlet screen per *PWC Chapter 72, and inspect compressor inlet area, struts, and first stage blades for dirt deposits, corrosion, erosion, and foreign object damage. Map damage I.A.W. MPM 260 Chap 7 FOD Inspection.	Left	Right	Insp
5		BORESCOPE ENGINE - Inspect general condition of the hot section by borescope inspection per *PWC Chapter 72-00-00. Install fuel nozzles per *PWC Chapter 73-16-05. Inspect PT2 blades IAW S.I.L. No. PT6A-075	Left	Right	Insp Rll
			Left	Right	Insp Rll

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SIXTH DETAILED INSPECTION PROCEDURES CHECKLIST

#	ZONE	DESCRIPTION	STAMPS		
POWERPLANT					
6	400410 420	MAGNETIC CHIP DETECTOR – Inspect and clean chip Detector as per *BE Chapter 79-30-00.	Left	Right	Insp
7	400	ENGINE MOUNT TRUSS – Visually inspect the engine mount truss assy for cracks, chafing and dents I.A.W. SIM "H" check. Check torque on truss mount bolts I.A.W. 71-20-00.	Left	Right	Insp
8		Clean and Inspect engine cowls, Inspect cowling latches for condition, wear, distortion. Check for loose or working rivets. Safety wire as required	Left	Right	Insp
9		ENGINE FIRE EXTINGUISHER Check the condition of mounting bracket, ensure the ease of reading the gauge by the crew (clock the gauge).	Left	Right	Insp
GENERAL SERVICE ITEMS					
1 AIRPLANE LUBRICATION					
A		RUDDER TRIM TAB ACTUATOR GREASE FITTINGS Lubricate with Aeroshell #7 (ref. Figure 14A)	Mech		
B		RUDDER TRIM TAB HINGE Lubricate with LPS-2 (ref. Figure 14A)	Mech		
C		RUDDER CONTROL CABLES AND CABLE SEALS Clean and lubricate with Aeroshell #7 IAW Beech M.M. 12-20-00 (ref. Figure 14A)	Mech		
D		AILERON TRIM TAB HINGE Lubricate with LPS-2 (ref. Figure 14B)	Mech		
E		CABIN AIR STAIR DOOR HINGE Lubricate with LPS-2 (ref. Figure 14C)	Mech		
F		CABIN AIR STAIR CAM HOUSING GREASE FITTINGS Lubricate with Aeroshell #7 (8 places) (ref. Figure 14C)	Mech		

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SIXTH DETAILED INSPECTION PROCEDURES CHECKLIST

#	ZONE	DESCRIPTION	STAMPS
GENERAL SERVICE ITEMS			
G		CABIN AIRSTAIR DOOR CAM SURFACE OF PRESSURE LOCK Lubricate with Aeroshell #7 (8 places) (ref. Figure 14C)	Mech
H		CABIN AIR STAIR DOOR CAM LIP Lubricate 8 places with Door Ease (ref. Figure 14C)	Mech
I		DOOR HANDLE GREASE FITTING Lubricate with Aeroshell #7 (Not shown)	Mech
J		EMERGENCY EXIT DOORS PIN GUIDES Lubricate with Aeroshell #17 (6 places per door) (ref. Figure 14C)	Mech
K		CARGO DOOR GAS SPRING END FITTINGS Lubricate with Aeroshell #7 (ref. Figure 14D)	Mech
L		CARGO DOOR CAM LOCKS Lubricate with Door Ease (ref. Figure 14D)	Mech
M		CARGO DOOR PUSH ROD PIN AND BUSHING Lubricate with LPS-2 (ref. Figure 14D)	Mech
N		CARGO DOOR LATCH PIN AND PLATE Clean and lubricate with Door Ease (ref. Figure 14D)	Mech
O		CARGO DOOR HINGE Lubricate with LPS-2 (ref. Figure 14D)	Mech
P		CARGO DOOR HANDLE GREASE FITTING Lubricate with Aeroshell #7 (ref. Figure 14D)	Mech
Q		ENGINE CAM BOX CAM PLATE AND PINS Lubricate with Lubriplate #130AA (ref. Figure 14E)	Mech
R		INERTIAL ANTI-ICE HINGE POINT BUSHINGS Lubricate with Aeroshell #7 (ref. Figure 14E)	Mech

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SIXTH DETAILED INSPECTION PROCEDURES CHECKLIST

#	ZONE	DESCRIPTION	STAMPS	
GENERAL SERVICE ITEMS				
S		FLIGHT COMPARTMENT ENGINE CONTROLS LINKAGE BUSHINGS AND PINS Lubricate with Aeroshell #17 (ref. Figure 14F)	Mech	
T		PROPELLER HUB GREASE FITTINGS Lubricate with Aeroshell #6 IAW Beech M.M. 61-10-00 (ref. Figure 14F)	Left	Right
U		NOSE LANDING GEAR DOOR HINGES AND RETRACT LINKAGE Lubricate with LPS-2 (ref. Figure 14G)	Mech	
V		NOSE LANDING GEAR UPPER AND LOWER STRUT BEARING Lubricate with Aeroshell #17 (4 places) (ref. Figure 14G)	Mech	
W		MAIN LANDING GEAR DOOR HINGES AND LINKAGES Lubricate with LPS-2 (ref. Figure 14H)	Mech	
X		RUDDER PEDALS Lubricate with LPS-2 (ref. Figure 14I)	Left	Right
Y		ELEVATOR TRIM TAB HINGE Lubricate with LPS-2 (ref. Figure 14I)	Mech	
Z		ELEVATOR TRIM TAB ACTUATOR Lubricate by purging grease with Aeroshell #7 (ref. Figure 14I)	Mech	
AA		ELEVATOR CONTROL CABLES AND CABLE PRESSURE SEALS Clean and lubricate with Aeroshell #7 IAW Beech M.M. 12-20-00 (ref. Figure 14I)	Mech	
BB		ELEVATOR TRIM TAB CHAIN Lubricate with LPS-2 (ref. Figure 14I)	Mech	
2	153 173	EVAPORATOR FILTER - Replace the evaporator filter as instructed in *BE Chapter 21-52-00.	Mech	
3	110 241 242 262	PITOT AND STATIC SYSTEM - Open drain valves until all moisture is drained.	Mech	

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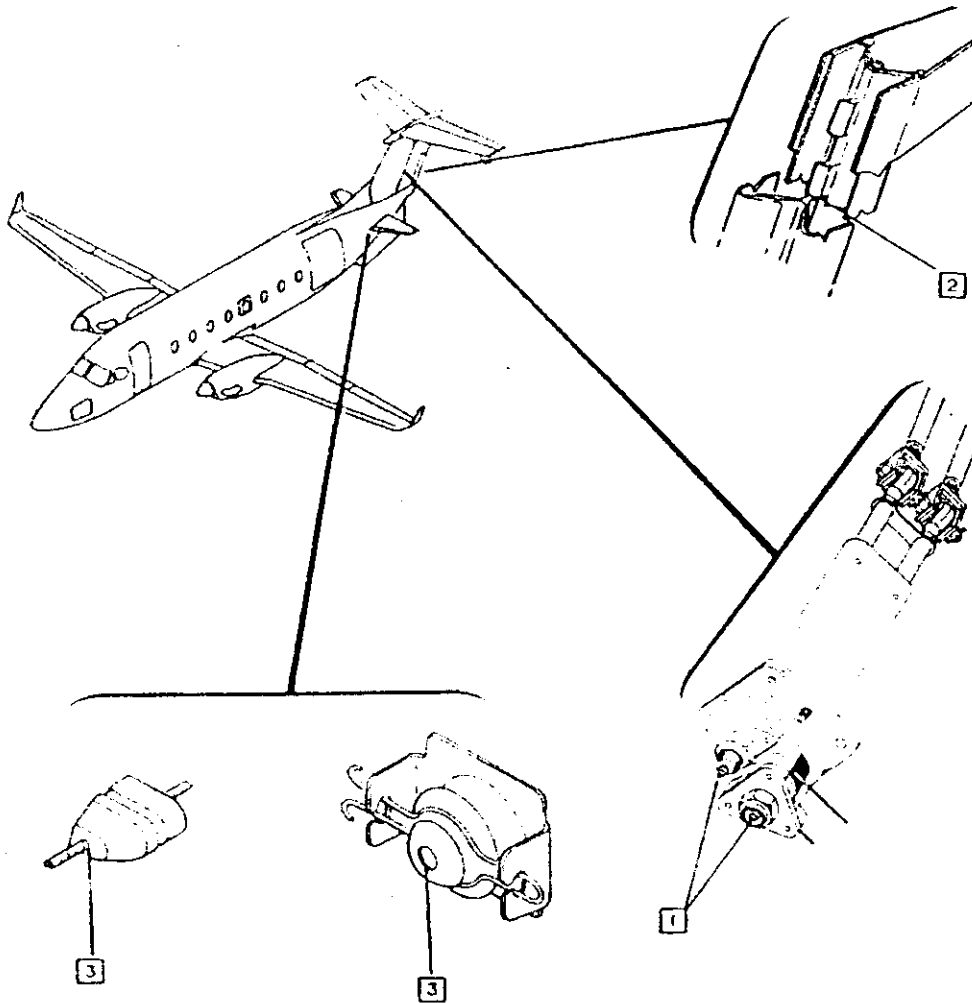
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SIXTH DETAILED INSPECTION PROCEDURES CHECKLIST

#	ZONE	DESCRIPTION	STAMPS	
GENERAL SERVICE ITEMS				
4	248	EFIS - Verify operation of EADI and EHSI tube fans as appropriate.	Mech	
5	212	INSTRUMENT AIR FILTER - Inspect the air filter.	Mech	
6	812	VACUUM REGULATOR VALVE FILTER - Clean the filter as instructed in *BE Chapter 37-00-00.	Mech	
7		PLACARDS - Verify that all placards are in place and legible. Refer to *BE Chapter 11-20-00.	Mech	Insp
8	253	EXTERNAL POWER Check the external power relay for operation (rotate the voltmeter select switch to the EXT PWR position and check for external power voltage).	Mech	
9		WING FUEL FILTERS Check POP OUT pin. If pin is popped, clean filter IAW BE Chapter 28	Mech	
10		LANDING GEAR FLUID WARNING Before checking the landing gear fluid level, the pressure must be released from the system by activating the manual bleed valve and relieving the pressure as instructed in *BE Chapter 12-10-00. Check the landing gear fluid reservoir for proper level as instructed in *BE Chapter 12-10-00.	Mech	Insp
11	511	AIR CYCLE MACHINE Change the air cycle machine oil. Refer to *BE Chapter 21-51-00.	Mech	Insp
12		Check strobe light system in accordance with Aircraft Anti Collision Strobe Light System Maintenance Program in chapter 7 of 1900D Maintenance Program Manual #260, Form MO22.	Mech	Insp

SIXTH DETAILED INSPECTION PROCEDURES CHECKLIST



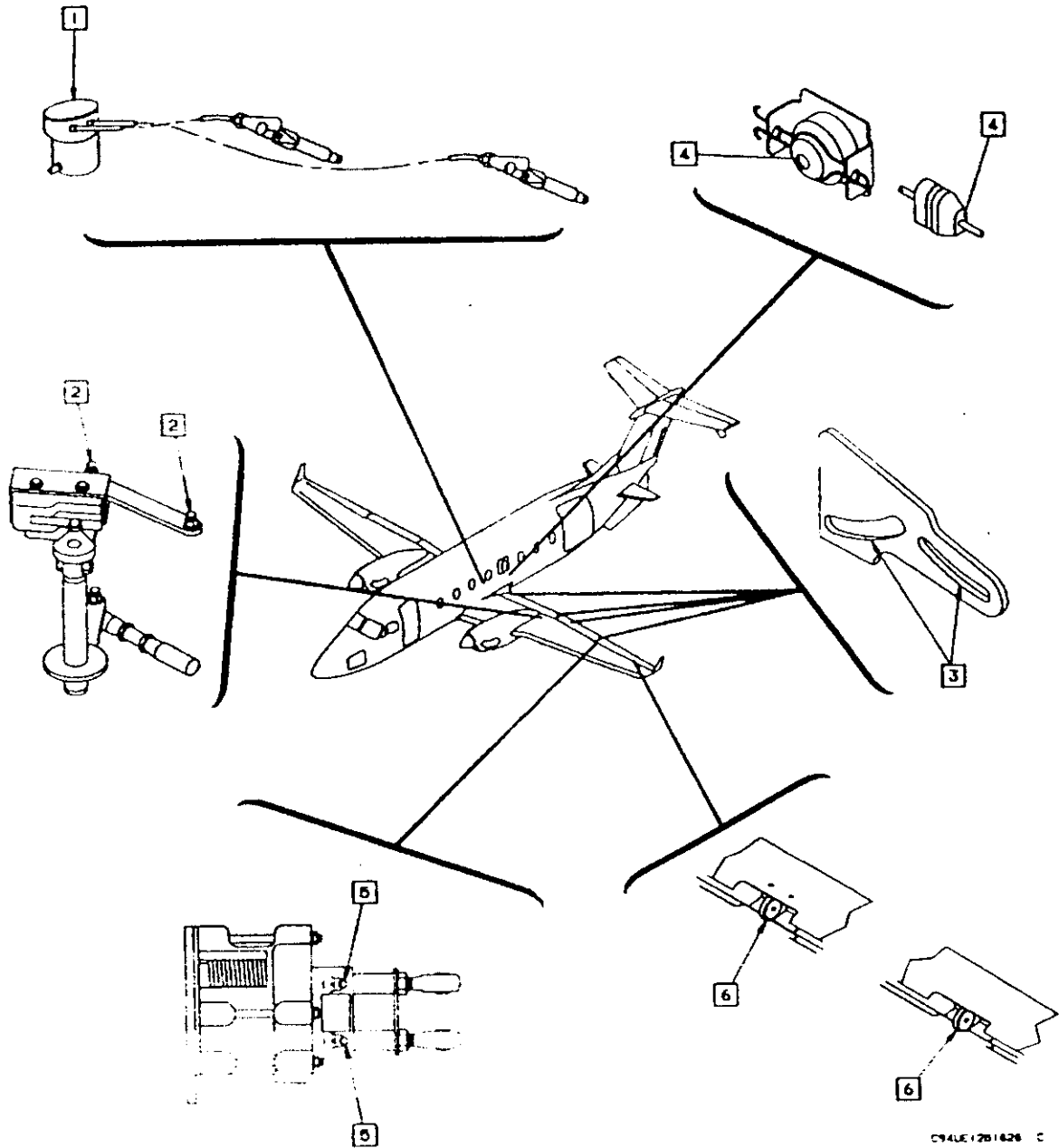
C81C1205

Rudder Control System Lubrication (Effectivity: All)

001301

FIGURE 14A

SIXTH DETAILED INSPECTION PROCEDURES CHECKLIST

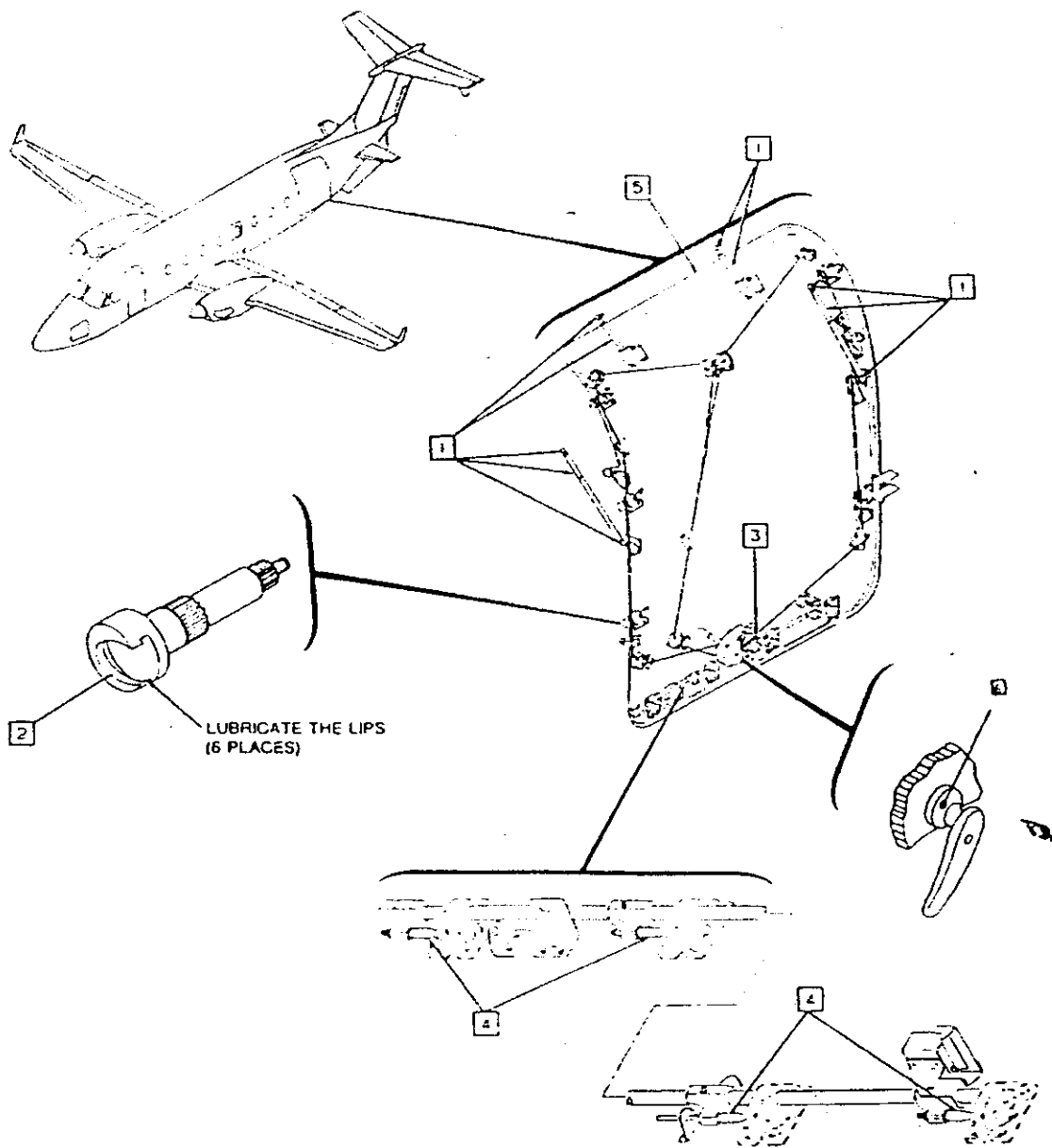


Flap and Aileron Control System Lubrication (Effectivity: All)

001302

FIGURE 14B

SIXTH DETAILED INSPECTION PROCEDURES CHECKLIST



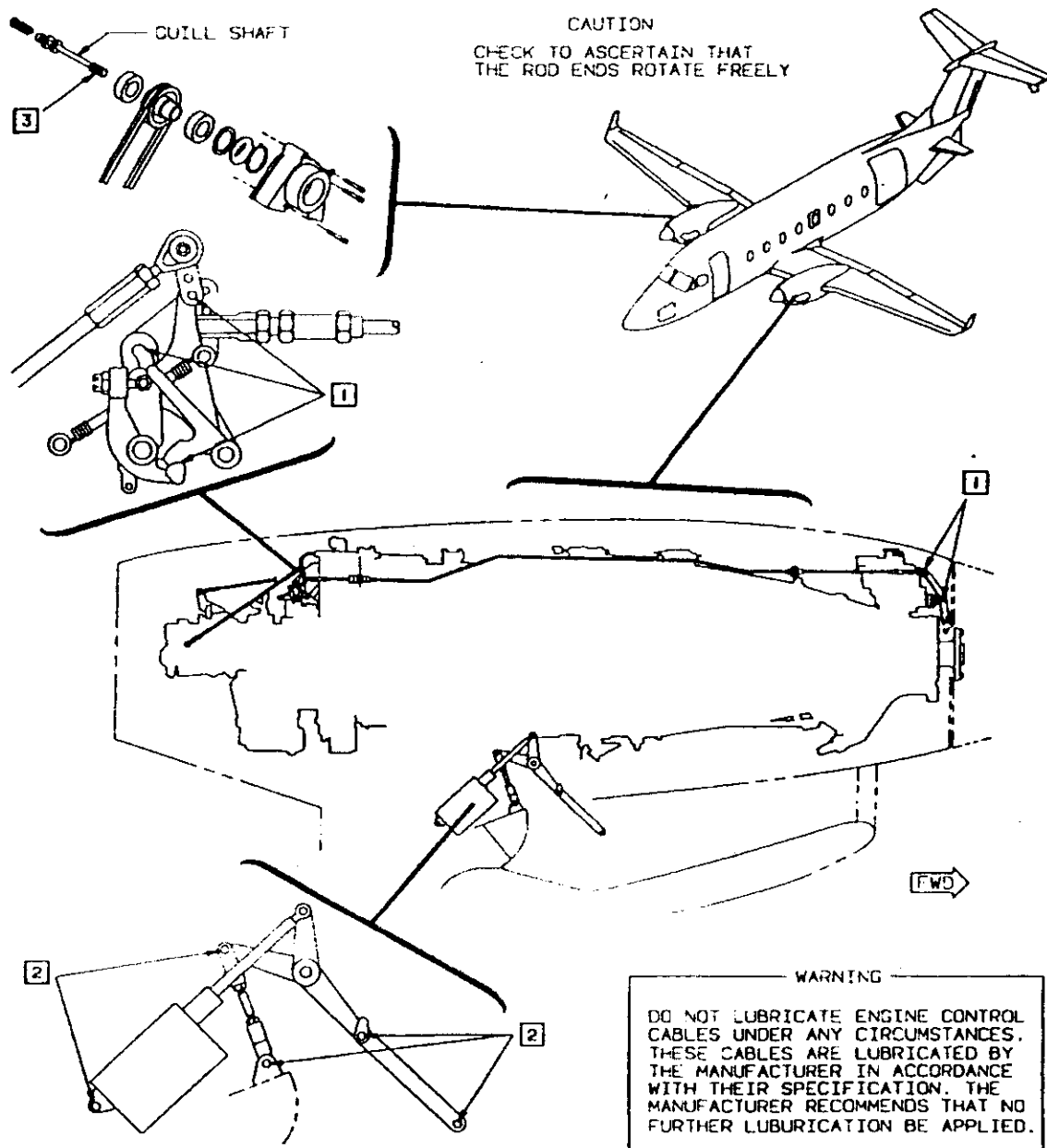
CS101209

Cargo Door Lubrication (Effectivity: All)

001305

FIGURE 14D

SIXTH DETAILED INSPECTION PROCEDURES CHECKLIST



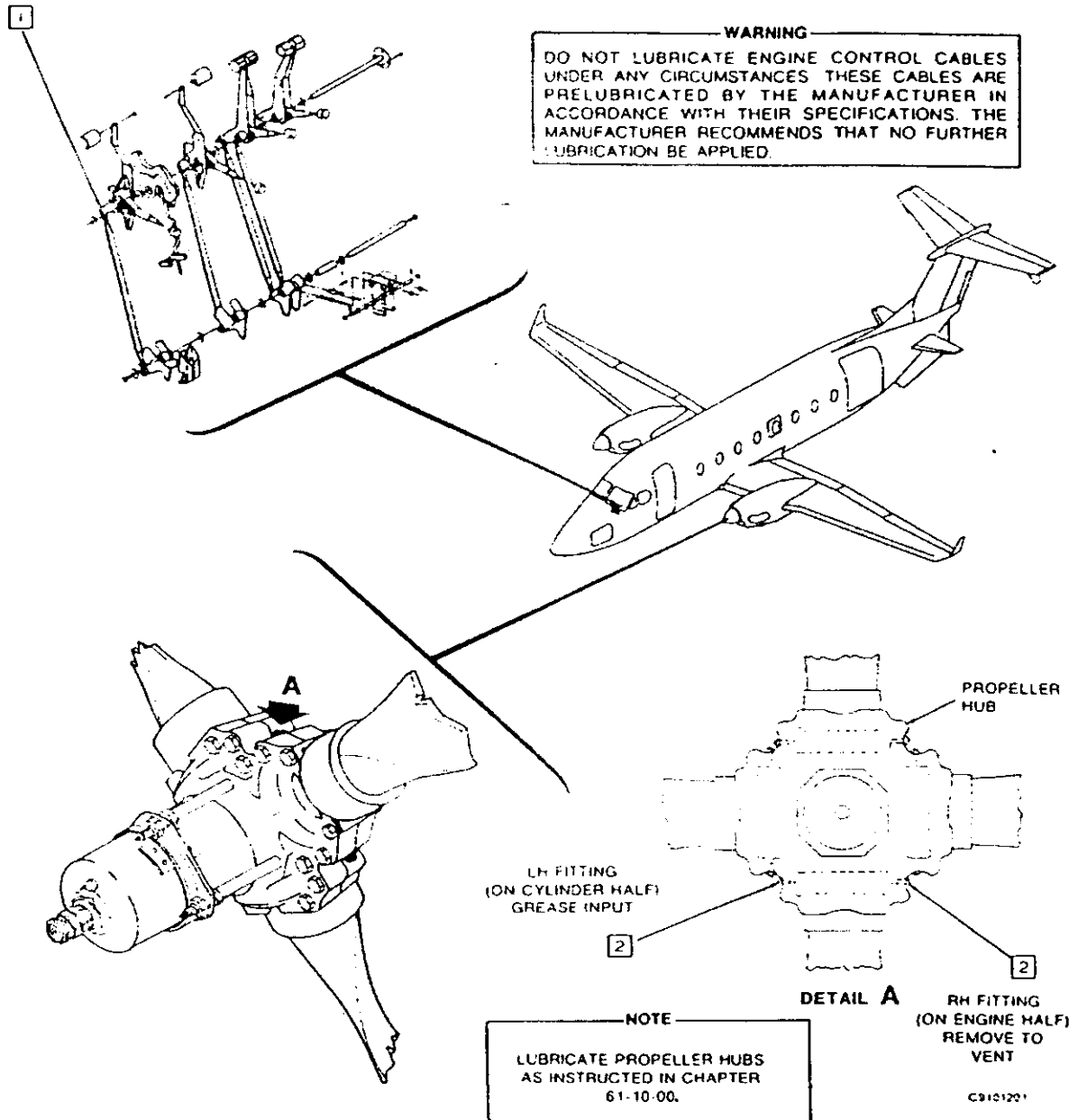
Nacelle Engine Controls and Inertial Anti-Ice Lubrication
(Effectivlty: All)

001296

FIGURE 14E

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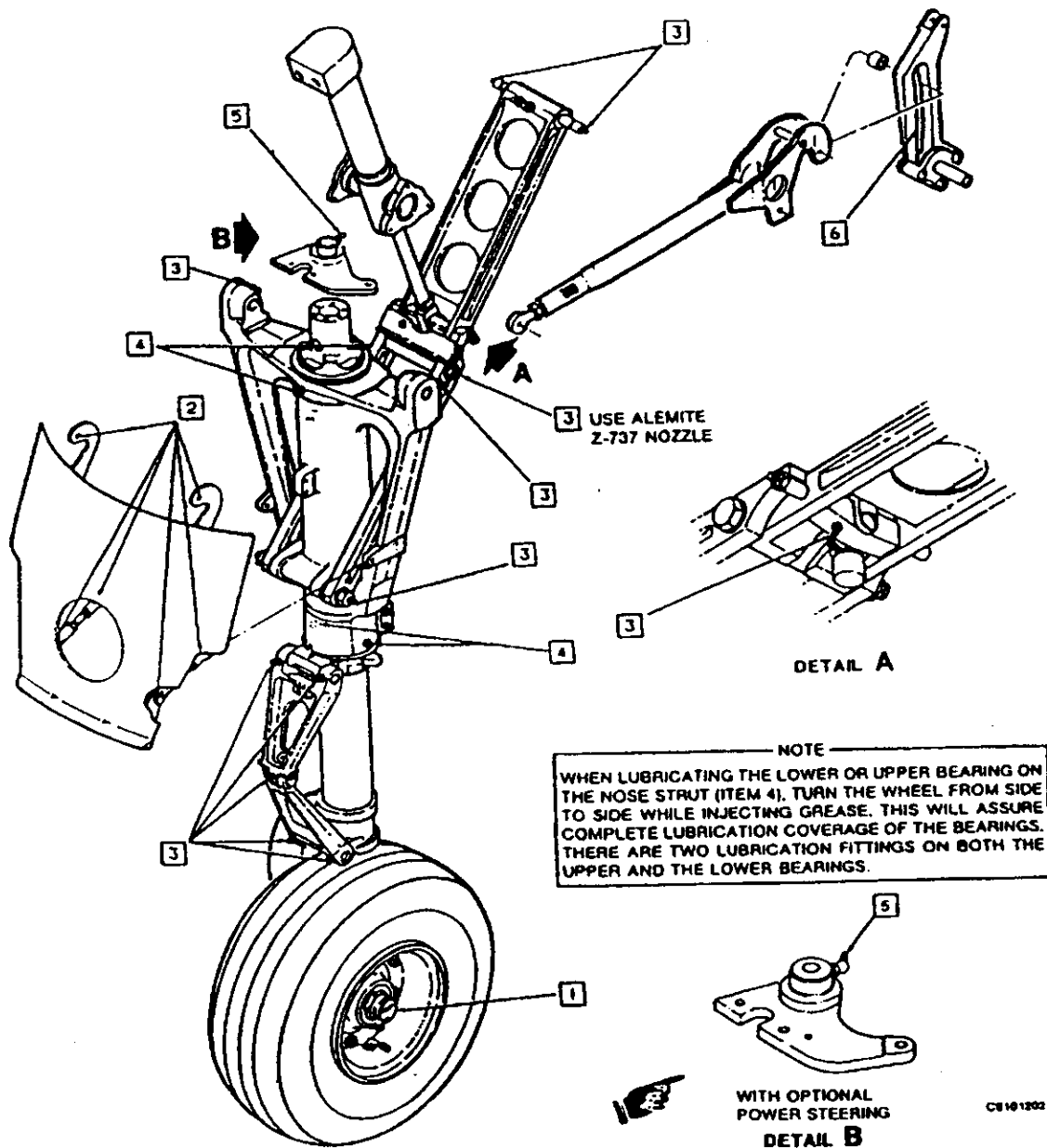


Flight Compartment Engine Controls and Propeller Lubrication
(Effectivity: All)

001297

FIGURE 14F

SIXTH DETAILED INSPECTION PROCEDURES CHECKLIST

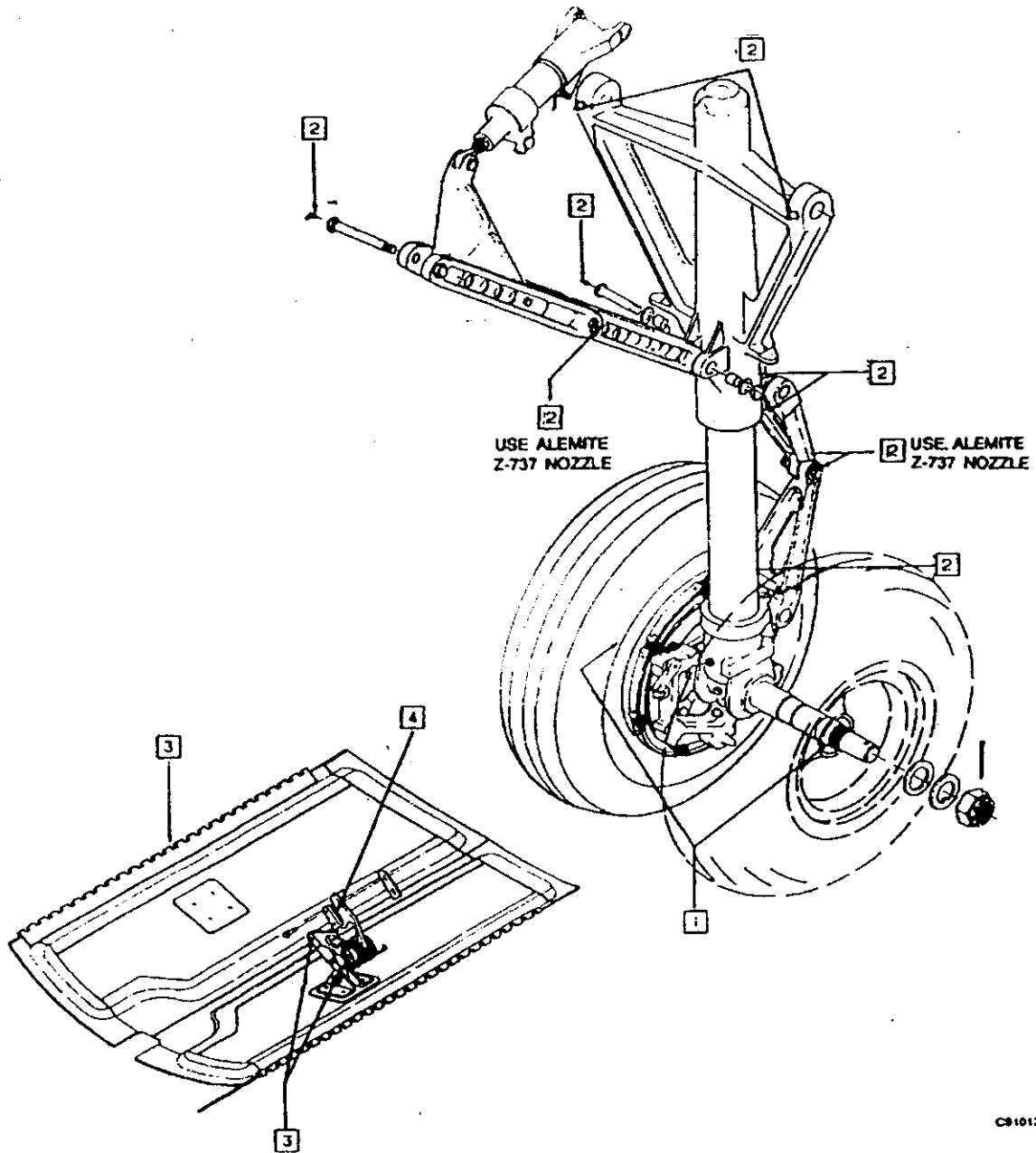


Nose Landing Gear Lubrication (Effectivity: All)

001298

FIGURE 14G

SIXTH DETAILED INSPECTION PROCEDURES CHECKLIST



CS101203

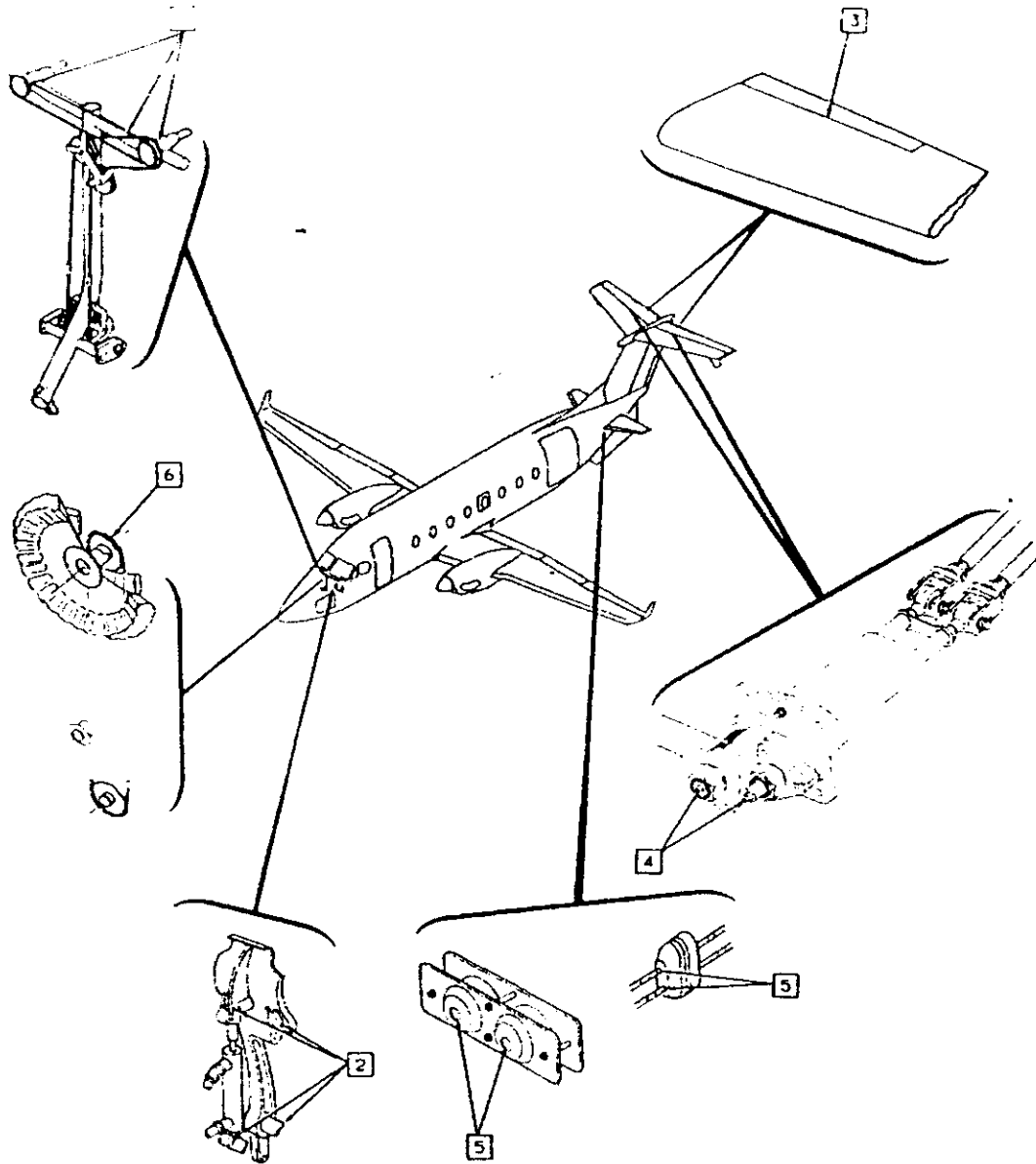
Main Landing Gear Lubrication (Effectlvty: All)

001299

FIGURE 14H

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SIXTH DETAILED INSPECTION PROCEDURES CHECKLIST



C910120-

Flight Compartment and Elevator Controls Lubrication
(Effectivity: All)

001300

FIGURE 14I

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PANEL NUMBERS	DESCRIPTION	STAMP	
INSTALL THE FOLLOWING CABIN FLOORBOARD PANELS			
		Mech	Insp
181AT	Flt control & trim tab cables, deice plumbing, antenna, instrument air plumbing, static ports (ref. Figure 11)		
181BT	Flt control & trim tab cables, deice plumbing (ref. Figure 11)		
181CT	Flt control & trim tab cables, electrical connectors, wire harness (ref. Figure 11)		
INSTALL THE FOLLOWING FUSELAGE ACCESS PANELS			
311AL	LH flt control cables (ref. Figure 12)		
311BL	LH flt control cables (ref. Figure 12)		
311CL	Rudder horn and stop bolts (ref. Figure 12)		
312AR	RH flt control cables (ref. Figure 12)		
312BR	RH flt control cables (ref. Figure 12)		
INSTALL THE FOLLOWING STABILIZER ACCESS PANELS			
331BL	Flt control cables (ref. Figure 13)		
332BTC	Stabilizer attachment, deice tube, strobe beacon (ref. Figure 13)		
333ATC	Stabilizer attachment, trim tab & elevator bell crank (ref. Figure 13)		
351ATL	Elevator trim tab cables (ref. Figure 13)		
351BTL	Elevator trim tab cables, actuator (ref. Figure 13)		
352BBR	Elevator trim tab cables, actuator (ref. Figure 13)		
352ABR	Elevator trim tab cables (ref. Figure 13)		

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PANEL NUMBERS	DESCRIPTION	STAMP	
INSTALL THE FOLLOWING LEFT NACELLE/COWLING ACCESS PANELS			
		Mech	Insp
411AT	Upper forward cowling (ref. Figure 14)		
413L	Left plenum panel (ref. Figure 14)		
413R	Right plenum panel (ref. Figure 14)		
414L	Outboard accessory panel (ref. Figure 14)		
415R	Lower inboard accessory panel (ref. Figure 14)		
416R	Upper inboard accessory panel (ref. Figure 14)		
INSTALL THE FOLLOWING RIGHT NACELLE/COWLING ACCESS PANELS			
421AT	Upper forward cowling (ref. Figure 14)		
423R	Right plenum panel (ref. Figure 14)		
423L	Left plenum panel (ref. Figure 14)		
424R	Outboard accessory panel (ref. Figure 14)		
425L	Lower inboard accessory panel (ref. Figure 14)		
426L	Upper inboard accessory panel (ref. Figure 14)		

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SIXTH DETAILED INSPECTION PROCEDURES CHECKLIST

#	ZONE	DESCRIPTION	STAMP		
OPERATIONAL INSPECTION					
1		ENGINE AND PROPELLER CONTROLS - Check for freedom of movement, full travel and proper friction lock Per *BE Chapter 76-00-00.	Left	Right	
2		STARTER GENERATOR - Check for output of 28.25 ±.25 VDC, Using the test jack on the RH inboard subpanel. Refer to *BE Chapter 24-30-00.	Left	Right	
3		OIL PRESSURE/TEMP GAUGE - Check for the proper pressure and temperature limits per *PWC Chapter 71.	Left	Right	
4		PROPELLER GOVERNOR - Check for proper operation and feathering per *BE Chapter 61-20-00.	Left	Right	
5		PROPELLER SYNCHROPHASER - Check for proper operation per *BE Chapter 61-22-00.	Left	Right	
6		PROPELLER DEICER - Perform propeller deicer system inspections in accordance with *BE Chapter 30-60-00.	Mech		
7		AUTOFEATHERING SYSTEM - Check operation as instructed in *BE Chapter 61-21-00.	Left	Right	
8		GROUND PERFORMANCE CHECK - Perform the ground performance check with zero power extraction in accordance with the procedures in *BE Chapter 76-10-00. If only one engine performance parameter is found to be outside the expected limits, confirm the accuracy of the appropriate indicating system before making any engine adjustments. AFTER ENGINE SHUTDOWN - Inspect the engine for fuel and oil leaks, security and attachment of all components.	Left	Right	
			Left	Right	Insp
9		FUEL BOOST PUMPS - Check the electric pumps for proper operation per the Pilots Checklist.	Left	Right	
10		FUEL CROSS-TRANSFER VALVES - Check the cross transfer valves for proper operation per the airplane flight manual.	Left	Right	

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#	ZONE	DESCRIPTION	STAMP		
OPERATIONAL INSPECTION					
11		FIRE-WALL SHUTOFF VALVES - Check the firewall shutoff valves for proper operation (internal leak rate no greater than 2 cc per minute at 60 psig) per *BE Chapter 28-20-00.	Left	Right	
12		VACUUM SYSTEM - Check for proper limits per *BE Chapter 37-00-00.	Left	Right	
13		ENVIRONMENTAL OPERATIONAL OVERPRESSURE CHECK - Perform operational test *BE Chapter 21-11-00	Mech		
14		ENVIRONMENTAL OPERATIONAL OVER TEMPERATURE TEST - Perform the operational test in *BE Chapter 21-11-00.	Mech		
15		SURFACE DEICERS - Check for inflation and cycling. Perform surface deicer operational check in *BE Chapter 30-10-00.	Left	Right	
16		PRESSURIZATION SYSTEM - Check for proper operation according to the pressurization check procedure in *BE Chapter 21-30-00.	Left	Right	
17		PRESSURIZATION SYSTEM DRAIN VALVE - Open drain valves to remove condensation in pressure lines on aircraft with drain installed.	Left	Right	
18		ENVIRONMENTAL VAPOR CYCLE SYSTEM AND AIR CYCLE MACHINE - Check for proper operation when the switch is in the AUTO or MANUAL position.	Left	Right	
		Check operation of all outlets and ease of operation of all controls per *BE Chapter 21.	Left	Right	

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#	ZONE	DESCRIPTION	STAMP	
OPERATIONAL INSPECTION				
19		CONDITION LEVERS – Check for clean shutdown at IDLE CUT OFF.	Mech	
20		INVERTER SYSTEM OPERATIONAL CHECK - Perform operational check of the inverter system. Refer to *BE Chapter 24-20-00.	Mech	
21		PROPELLER OVERSPEED GOVERNOR - Operational Check of overspeed governor per *BE Chapter 61-20-00. Prop Gov. Check – Perform check IAW SB14236, as revised	Left	Right
22		GROUND FINE CHECK - Perform Ground Fine Check per *BE Chapter 76-10-00	Left	Right
23		PERFORM POST MAINTENANCE RUNS (Crews first flight of day checks) Ops check and leak check any system that had maintenance performed	Left	Right

I have examined this entire document and determined that each item has been completed.
 Any deferred items meet the requirements of the Maintenance Procedures manual.

Foreman's Signature _____