CHAPTER 10

PARKING, MOORING, STORAGE, AND RETURN TO SERVICE

CHAPTER 10
PARKING, MOORING, STORAGE, AND RETURN TO SERVICE

A = Added, R = Revised, D = Deleted, O = Overflow, C = Customer Originated Change

10-EFFECTIVE PAGES

Subject/Page	Date	COC
10-11-02 (cont)		
283	Sep 05/2017	
284	Sep 05/2017	
285	Sep 05/2017	
286	Sep 05/2017	
287	Sep 05/2017	
288	Sep 05/2017	
289	Sep 05/2017	
290	Sep 05/2017	
291	Sep 05/2017	
292	Sep 05/2017	
293	Sep 05/2017	
294	Jan 05/2018	
295	Jan 05/2018	
296	Jan 05/2018	
297	Jan 05/2018	
298	Jan 05/2018	
298.1	Jan 05/2018	
298.2	Jan 05/2018	
298.3	Jan 05/2018	
298.4	Jan 05/2018	
298.5	Jan 05/2018	
298.6	Jan 05/2018	
10-11-03		
201	May 05/2017	
202	Sep 05/2017	
203	Sep 05/2017	
204	Sep 05/2017	
205	Sep 05/2016	
206	Sep 05/2016	
207	Sep 05/2016	
208	BLANK	
10-11-04		
201	May 05/2018	
202	Jan 05/2015	
203	Sep 05/2017	
204	Sep 05/2017	
10-11-05		
201	Sep 05/2017	
202	Sep 05/2017	
203	Sep 05/2016	
204	Sep 05/2017	
205	Sep 05/2017	
206	Sep 05/2016	
10-11-07		
201	Sep 05/2017	
202	May 05/2018	
203	May 05/2018	
204	May 05/2018	
205	May 05/2018	
206	May 05/2018	
207	May 05/2018	
208	May 05/2018	
209	May 05/2018	
210	May 05/2018	
211	May 05/2018	
212	May 05/2018	
213	May 05/2018	
214	May 05/2018	
215	May 05/2018	
216	May 05/2018	
217	May 05/2018	
218	May 05/2018	
219	May 05/2018	
220	May 05/2018	
221	May 05/2018	
222	May 05/2018	
223	May 05/2018	
224	May 05/2018	
225	May 05/2018	
226	May 05/2018	
227	May 05/2018	
228	May 05/2018	
229	May 05/2018	
10-11-07 (cont)		
230	May 05/2018	
231	May 05/2018	
232	May 05/2018	
233	May 05/2018	
234	May 05/2018	
235	May 05/2018	
236	May 05/2018	
237	May 05/2018	
238	May 05/2018	
239	May 05/2018	
240	May 05/2018	
241	May 05/2018	
242	May 05/2018	
243	May 05/2018	
244	May 05/2018	
245	May 05/2018	
246	May 05/2018	
247	May 05/2018	
248	May 05/2018	

A = Added, R = Revised, D = Deleted, O = Overflow, C = Customer Originated Change

10-EFFECTIVE PAGES

CHAPTER 10
PARKING, MOORING, STORAGE, AND RETURN TO SERVICE

10-CONTENTS

CHAPTER 10
PARKING, MOORING, STORAGE, AND RETURN TO SERVICE

10-CONTENTS

CHAPTER 10
PARKING, MOORING, STORAGE, AND RETURN TO SERVICE

10-CONTENTS

NORMAL PARKING - MAINTENANCE PRACTICES

1. General

A. This procedure contains the tasks to park the airplane for less than 7 days.

(1) The procedures to park the airplane for 7 days or more (Prolonged Parking) are shown in PROLONGED PARKING - MAINTENANCE PRACTICES, PAGEBLOCK 10-11-02/201.

(2) Pitot probe covers and static port covers are recommended when the airplane is parked for more than a standard turnaround.

(3) Failure to remove coverings from static ports or covers from pitot probes before flight may cause large errors in airspeed sensing and altitude sensing signals, which may lead to loss of safe flight.

(4) The procedures for parking in high winds are shown in Prepare the Airplane to be Parked in High Winds - Preferred Configuration, TASK 10-11-03-860-801.

(5) The procedures for parking with the engines removed are shown in Park the Airplane with the Engines Removed, TASK 10-11-04-580-801.

(6) Special procedures to park the airplane for engine operation are shown in Engine Operation Preparation, TASK 71-00-00-800-834-H00.

B. A static ground on the airplane is not necessary when the airplane is parked or is serviced during the turnaround operation (Static Grounding, TASK 20-41-00-910-801).

NOTE: This does not include when the maintenance steps given below are done.

(1) A static ground on the airplane is not necessary when you pressure fuel the airplane.

(a) An electrical bond between the airplane and the refuel vehicle is required.

(2) A static ground of the airplane when you fuel over the wing is required.

(3) Do a static ground of the airplane when you do maintenance procedures.

(4) Static ground the airplane when you use devices such as those that follow: power tools, lights, electrical cords, instruments powered from external cords.

C. In cold weather it is necessary to drain the fuel tank sumps prior to refueling to remove water from the fuel tanks if the airplane has been idle for more than 45 minutes prior to refueling. Drain the fuel tank sumps again after refueling if the airplane has been idle for 2 hours or more after refueling, do this task: Fuel Tank Sump Drain Valve - Water Removal/Sampling, TASK 12-11-02-680-801.

NOTE: Do this prior to departure. In cold weather water can freeze, and not let the drain valves open.

D. Keep a distance of not less than 25 ft (8 m) between the airplanes when they are parked.

NOTE: This is to give sufficient clearances to turn an airplane and to give it protection from an airplane's jet blast.

E. Keep a distance of not less than 50 ft (15 m) between an APU exhaust port and a wingtip fuel vent of an adjacent airplane.

TASK 10-11-01-580-804

2. Park the Airplane (Normal Parking)

A. General

WARNING

PITOT PROBE COVERS AND STATIC PORT COVERS ARE RECOMMENDED WHEN THE AIRPLANE IS PARKED FOR MORE THAN A STANDARD TURNAROUND OR WHEN CONDITIONS SUCH AS INSECT ACTIVITY, DUST STORMS OR VOLCANIC ASH MAY INCREASE THE RISK OF PITOT PROBE OR STATIC PORT CONTAMINATION. A PITOT PROBE OR STATIC PORT SYSTEM BLOCKED BY FOREIGN OBJECTS SUCH AS INSECTS MAY CAUSE LARGE ERRORS IN AIRSPEED-SENSING AND ALTITUDE-SENSING SIGNALS WHICH MAY LEAD TO LOSS OF SAFE FLIGHT, WHICH WILL CAUSE INJURIES TO PERSONS AND DAMAGE TO EQUIPMENT.

(1) Pitot probe covers and static port covers are necessary when the airplane is parked for more than a standard turnaround.

B. References

Reference	Title
09-11-00-580-801	Maintenance Towing (P/B 201)
09-21-00-580-801	Taxi the Airplane (P/B 201)
10-11-03-860-801	Prepare the Airplane to be Parked in High Winds - Preferred Configuration (P/B 201)
10-11-05-500-801	Chock Installation in Winds or Wind Gusts to a Maximum of 35 Knots (P/B 201)
12-11-02-680-801	Fuel Tank Sump Drain Valve - Water Removal/Sampling (P/B 301)
12-33-01-600-803	Cold Weather Maintenance Procedure (P/B 301)
20-41-00-910-801	Static Grounding (P/B 201)
24-31-01-020-801	Disconnect Main Battery Power (P/B 201)
24-31-01-420-801	Restore Main Battery Power (P/B 201)

C. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
COM-1505	Chocks - Wheel Part #: AC6820-LR Supplier: 032T9 Part #: PF10-010 Supplier: 3D5B2 Part #: W88 Supplier: 9L752
COM-1519	Cover - Protective, Total Air Temperature Probe Part #: FTC102 Supplier: 0P9C7
COM-2497	Cover - Probe, Pitot Static Part #: KPC3-825-8 Supplier: 0P9C7
SPL-1506	Equipment - Warning, ATC, VHF, and DME Antenna Part #: A34001-4 Supplier: 81205 Opt Part #: A34001-1 Supplier: 81205

(Continued)

Reference	Description
SPL-1513	Cover - Probe, Ice Detector Part #: 0061BN1 Supplier: 59885
SPL-1515	Set - Plug, Thermal Anti-Icing Exhaust Vent Part #: J10001-25 Supplier: 81205
SPL-1839	Downlock Eqpt - NLG & MLG (***MLG Pin DISPATCH***) Part #: J32011-3 Supplier: 81205
SPL-1840	Downlock Eqpt - NLG & MLG (***NLG Pin DISPATCH***) Part #: J32011-7 Supplier: 81205 Opt Part #: J32011-4 Supplier: 81205
SPL-10698	Cover, Inlet, GE9X Part #: FC-GE90-11B-EIC Supplier: 7S813
SPL-10699	Plug - Thrust Reverser, GE90-115B Part #: RA70301 Supplier: 2R201
SPL-10700	Plug - Exhaust Nozzle, GE90-115B Part #: RA70302 Supplier: 2R201
STD-1310	Mat - Neoprene rubber, 65 minimum durometer, 1/4 in thick, minimum size of 45 in. x 60 in.

D. Consumable Materials

Reference	Description	Specification
B00316	Solvent - Aliphatic Naphtha (For Organic Coatings)	TT-N-95 Type I, ASTM D-3735 Type I
G02219	Tape - Yellow Vinyl Adhesive, Scotch Brand No.471, 1.5 Inches (38.1 mm) Wide	
G02443	Tape - Barricade, Non-Adhesive, Orange, 3 (76 mm) Inches Wide, 4 mils (0.102 mm) Thick, "REMOVE BEFORE FLIGHT"	
G02444	Tag - Red Paper, "STATIC PORTS COVERED" - 3 inches (76.2 mm) Wide, 6 inches (152.4 mm) Long	
G02447	Tag - Red Paper, "PITOT PROBES COVERED" - 3 inches (76.2 mm) Wide, 6 inches (152.4 mm) Long	
G50330	Fabric - Insulation Covering, Flame Propagation Resistant	BMS8-377

E. Procedure

SUBTASK 10-11-01-580-008

(1) Do one of the steps that follow to park the airplane:

(a) Tow the airplane into a position that is specified for parking, do this task: Maintenance Towing, TASK 09-11-00-580-801.

(b) Taxi the airplane into a position that is specified for parking, do this task: Taxi the Airplane, TASK 09-21-00-580-801.

(c) Make sure you move the airplane not less than 10 ft (3 m) in a straight line before it is parked.

NOTE: This procedure will make sure that the torsional loads (side load pressures) applied to the landing gear, are released before it is parked.

SUBTASK 10-11-01-660-004

(2) When you park the airplane in an area that has ice or frozen snow, do one of the steps that follow:

NOTE: This will make sure the tires do not freeze to the ground.

(a) Put a mat, STD-1310 or applicable material below and around the tires.

(b) Put some layer of coarse sand below the tires during a freeze condition or the tires will freeze to the ground.

(c) Put some other applicable material below the tires during a freeze condition or the tires will freeze to the ground.

SUBTASK 10-11-01-480-023

(3) Make sure the nose landing gear downlock pin, SPL-1840, is installed on the nose landing gear.

SUBTASK 10-11-01-480-024

(4) Make sure the main landing gear downlock pin, SPL-1839 are installed on the main landing gear.

SUBTASK 10-11-01-760-002

(5) Make sure the electrical conductivity between the airframe and the ground is less than 1.0 megaohm (TASK 20-41-00-910-801).

(a) Measure this resistance between the designated grounding point on the airframe and the designated grounding point on the parking surface.

NOTE: Most tire/parking surface combinations will provide adequate conductivity.

1) If the tire to ground resistance cannot be measured, ground the airplane at the designated grounding points.

SUBTASK 10-11-01-550-003

(6) When you think very high winds will come, do this task: Prepare the Airplane to be Parked in High Winds - Preferred Configuration, TASK 10-11-03-860-801.

SUBTASK 10-11-01-550-004

(7) When you think cold weather will come, look at the, do this task: Cold Weather Maintenance Procedure, TASK 12-33-01-600-803.

SUBTASK 10-11-01-860-018

CAUTION

DO NOT TWIST THE HANDLE OF THE PARKING BRAKE WHEN YOU SET THE PARKING BRAKE. IF YOU TWIST THE HANDLE, YOU CAN CAUSE DAMAGE TO THE CABLE OR LINKAGE OF THE PARKING BRAKE.

(8) Do the following steps to set the parking brake:

(a) Turn the battery switch to ON.

(b) Push the brake pedals fully to their stops.

(c) Pull the parking brake lever on the control stand.

(d) Release the brake pedals.

(e) Make sure the parking brake engages.

(f) Do a check of the status light on the nose landing gear:

1) PARKING BRAKE SET is on.

2) BRAKE ON is on.

3) BRAKE OFF is not on.

(g) Make sure that the PARKING BRAKE SET memo message shows on EICAS.

SUBTASK 10-11-01-480-025

(9) Install the wheel chocks, COM-1505 on each of the main landing gear trucks (TASK 10-11-05-500-801).

SUBTASK 10-11-01-860-019

CAUTION

DO NOT LET THE PARKING BRAKES STAY APPLIED WHEN YOU HAVE HOT BRAKES. IT IS POSSIBLE THAT THE BRAKES WILL NOT RELEASE WHEN THEY ARE APPLIED WHILE THEY ARE HOT.

(10) When the brakes are hot, release the parking brake after the installation of the chocks.

NOTE: The landing gear brakes will cool faster if the parking brake is released. This will also prevent the transfer of heat from the brake assembly.

(a) To release the parking brake, apply toe pressure to the top of the brake pedals and release the pressure.

SUBTASK 10-11-01-860-020

(11) Turn the battery switch on the Electrical Control Panel (P5) to OFF if it is not necessary.

SUBTASK 10-11-01-860-021

CAUTION

PUT THE STABILIZER TO ZERO DEGREES OR LESS. IF YOU DO NOT PUT THE STABILIZER TO ZERO DEGREES OR LESS, ICE CAN COLLECT. THIS WILL CAUSE DAMAGE TO THE BODY SEALS AND TO THE SKIN.

(12) Put the stabilizer to zero degrees, indicated.

SUBTASK 10-11-01-860-022

(13) Put the aileron controls to zero degrees, indicated.

SUBTASK 10-11-01-860-023

(14) Put the rudder controls to zero degrees, indicated.

SUBTASK 10-11-01-860-024

(15) Raise the flaps to the full up position.

SUBTASK 10-11-01-480-026

(16) Install the GE engine protective covers and plugs to the engine as follows:

(a) inlet cover, SPL-10698.

(b) exhaust nozzle plug, SPL-10700.

(c) thrust reverser plug, SPL-10699.

(d) thermal anti-icing exhaust vent plug set, SPL-1515.

SUBTASK 10-11-01-040-001

(17) Make sure that these circuit breakers are open and have safety tags:

Left Power Management Panel, P110

Row	Col	Number	Name
D	25	C30411	TAT PROBE HTR
D	26	C30409	AOA PROBE HTR L
G	5	C30405	PH B PITOT PROBE HTR L
H	6	C30424	PH C PITOT PROBE HTR L
M	25	C30624	PROBE/VANE HTR CTRL L

Right Power Management Panel, P210

Row	Col	Number	Name
D	1	C30408	AOA PROBE HTR R
D	5	C30404	PH B PITOT PROBE HTR R
E	4	C30423	PH C PITOT PROBE HTR R
E	20	C30406	PH B PITOT PROBE HTR C
G	26	C30425	PH C PITOT PROBE HTR C
L	10	C30623	PROBE/VANE HTR CTRL R

SUBTASK 10-11-01-480-031

(18) Attach a "PITOT PROBES COVERED" tag, G02447 and "STATIC PORTS COVERED" tag, G02444 printed on it in black letters, to the top of the left control wheel in the flight deck with wire.

SUBTASK 10-11-01-620-001

(19) Attach a red tag with wire to the top of the left control wheel in the flight deck.

(a) Write “AOA SENSORS COVERED” on the tag.

SUBTASK 10-11-01-480-029

(20) Install the Total Air Temperature (TAT) probe cover, COM-1519.

SUBTASK 10-11-01-480-030

WARNING

WHEN STATIC PORTS ARE COVERED, MAKE SURE THAT CONDITION IS VISIBLE FROM GROUND. IN ADDITION, ATTACH TAG TO LEFT CONTROL WHEEL IN COCKPIT AS REMINDER THAT STATIC PORTS ARE COVERED. FAILURE TO OBSERVE AND REMOVE COVERINGS OVER STATIC PORTS BEFORE FLIGHT MAY CAUSE LARGE ERRORS IN AIRSPEED-SENSING AND ALTITUDE-SENSING SIGNALS, WHICH MAY LEAD TO LOSS OF SAFE FLIGHT.

CAUTION

WHENEVER AN OPENING IS COVERED, MAKE SURE THAT CONDITION IS VISIBLE FROM GROUND. ENGINES SHOULD NOT BE OPERATED WITH COVERS IN PLACE BECAUSE COVERS CAN COME OFF AND DAMAGE ENGINES.

(CAUTION PRECEDES)

CAUTION

MAKE SURE THE PITOT-STATIC PROBE COVERS ARE IN GOOD WORKING CONDITION WITH NO EVIDENCE OF DAMAGE, ESPECIALLY FRAYING AROUND THE COVER OPENING. FRAYED FIBERS FROM THE COVER COMBINED WITH OTHER SUBSTANCES SUCH AS DIRT, GREASE AND FLUIDS CAN CAUSE OBSTRUCTION IN THE PROBE.

(21) Install the pitot static probe cover, COM-2497, on the pitot probes (Figure 201) .

SUBTASK 10-11-01-420-005

WARNING

WHEN STATIC PORTS ARE COVERED, MAKE SURE THAT CONDITION IS VISIBLE FROM GROUND. IN ADDITION, ATTACH TAG TO LEFT CONTROL WHEEL IN COCKPIT AS REMINDER THAT STATIC PORTS ARE COVERED. FAILURE TO OBSERVE AND REMOVE COVERINGS OVER STATIC PORTS BEFORE FLIGHT MAY CAUSE LARGE ERRORS IN AIRSPEED-SENSING AND ALTITUDE-SENSING SIGNALS, WHICH MAY LEAD TO LOSS OF SAFE FLIGHT.

CAUTION

WHENEVER AN OPENING IS COVERED, MAKE SURE THAT CONDITION IS VISIBLE FROM GROUND. ENGINES SHOULD NOT BE OPERATED WITH COVERS IN PLACE BECAUSE COVERS CAN COME OFF AND DAMAGE ENGINES.

(22) Use Scotch Brand No.471 tape, G02219 and barricade tape, G02443 to cover the static ports in the following manner (Figure 201).

SUBTASK 10-11-01-420-006

(23) Cover the static ports (Figure 202).

WARNING

DO NOT PUT VINYL ADHESIVE TAPE ON THE STATIC PORTS. THE TAPE, OR THE REMAINING CONTAMINATION AFTER YOU REMOVE THE TAPE CAN CAUSE LARGE ERRORS IN AIRSPEED, AND ALTITUDE SIGNALS. THIS MAKES FLIGHT DANGEROUS.

(a) Clean the area around each static port with solvent, B00316 or equivalent, and a clean dry rag where you will put the Scotch Brand No.471 tape, G02219 (Figure 202).

(b) Place one end of approximately a 4 ft (1 m) piece of the barricade tape, G02443 over the holes of the static port and secure the upper edge with yellow Scotch Brand No.471 tape, G02219 (Steps 1 and 2, Figure 202).

1) Smooth the Scotch Brand No.471 tape, G02219 on the airplane surface to make sure the bond is satisfactory.

2) Do not put Scotch Brand No.471 tape, G02219 over the holes of the static ports.

(c) Put a 5 in. (127 mm) piece of Scotch Brand No.471 tape, G02219 on each vertical edge of the barricade tape, G02443 overlapping the first strip of adhesive tape (Step 3, Figure 202).

(d) Put an 8 in. (203 mm) strip of Scotch Brand No.471 tape, G02219 horizontally over the barricade tape, G02443 below the static port holes, overlapping the two vertical strips of adhesive tape (Step 4, Figure 202).

(e) Carefully grasp the free section of the barricade tape, G02443 and fold it back up against the surface of the airplane (Steps 5 and 6, Figure 202).

1) Place an 8 in. (203 mm) strip of Scotch Brand No.471 tape, G02219 horizontally over the back side of the orange barricade tape overlapping the lower half of the first strip of adhesive tape.

(f) Allowing the barricade tape, G02443 to stream down, place an 8 in. (203 mm) strip of Scotch Brand No.471 tape, G02219 horizontally over the barricade tape, G02443 half way down the length of the barricade tape, G02443 (Step 7, Figure 202).

(g) Place a 8 in. (203 mm) strip of the Scotch Brand No.471 tape, G02219 horizontally over the lower end of the barricade tape, G02443 (Step 8, Figure 202).

SUBTASK 10-11-01-480-036

(24) Cover the Angle-Of-Attack (AOA) sensors (Figure 203, Figure 204).

(a) Use a piece of fabric, G50330 sheeting to cover each of the AOA sensors.

(b) Attach a 4 ft (1 m) piece of barricade tape, G02443 to a piece of fabric, G50330.

(c) Put the fabric sheeting along the upper edge of the AOA sensor.

1) Make sure that the edge of the fabric on the upper edge of the AOA sensor is opposite of the end with the piece of barricade tape.

(d) Put one piece of Scotch Brand No.471 tape, G02219 on the upper edge of the fabric sheeting.

(e) Put a piece of Scotch Brand No.471 tape, G02219 on each vertical edge of the fabric sheeting.

1) Overlap the vertical pieces of tape with the first strip of tape along the upper edge.

(f) Put a piece of Scotch Brand No.471 tape, G02219 horizontally over the fabric sheeting below the AOA sensor.

1) Overlap the two vertical strips of tape.

SUBTASK 10-11-01-480-032

(25) Install the probe cover, SPL-1513, on the ice detector probe.

SUBTASK 10-11-01-480-035

(26) Attach the warning streamers ATC, VHF and DME antenna warning equipment, SPL-1506 to the equipment that follows:

(a) Adjacent to the VHF antennas

(b) Adjacent to the ATC antennas

(c) Adjacent to the drain masts

(d) Adjacent to the DME antennas.

SUBTASK 10-11-01-750-002

(27) Make sure the airplane center of gravity is forward of 44% MAC.

SUBTASK 10-11-01-860-025

(28) When you park the airplane for 24 hours, open circuit breakers on the hot battery bus (TASK 24-31-01-020-801).

NOTE: This will prevent an electrical drain on the battery.

F. Put the Airplane Back In Its Usual Condition for Return to Service

SUBTASK 10-11-01-840-006

WARNING FAILURE TO REMOVE COVERS FROM PITOT PROBES BEFORE FLIGHT MAY CAUSE LARGE ERRORS IN AIRSPEED-SENSING AND ALTITUDE-SENSING SIGNALS, WHICH MAY LEAD TO LOSS OF SAFE FLIGHT.

CAUTION REMOVE ALL COVERS. ENGINES SHOULD NOT BE OPERATED WITH COVERS IN PLACE BECAUSE THE COVERS CAN COME OFF AND DAMAGE THE ENGINES.

(1) Remove the covers from the following components:

CAUTION MAKE SURE THE PITOT-STATIC PROBE COVERS ARE IN GOOD WORKING CONDITION WITH NO EVIDENCE OF DAMAGE, ESPECIALLY FRAYING AROUND THE COVER OPENING. FRAYED FIBERS FROM THE COVER COMBINED WITH OTHER SUBSTANCES SUCH AS DIRT, GREASE AND FLUIDS CAN CAUSE OBSTRUCTION IN THE PROBE.

(a) Pitot Probes

(b) Engine inlet, fan exhaust, turbine exhaust

(c) Ice detector probe

(d) TAT probe.

SUBTASK 10-11-01-840-007

(2) Remove the "STATIC PORTS COVERED" tag, G02444 from the left control wheel in the flight deck.

SUBTASK 10-11-01-840-008

WARNING FAILURE TO REMOVE BARRICADE TAPE AND VINYL ADHESIVE TAPE FROM ALL OF THE STATIC PORTS BEFORE FLIGHT MAY CAUSE LARGE ERRORS IN AIRSPEED-SENSING AND ALTITUDE-SENSING SIGNALS, WHICH MAY LEAD TO LOSS OF SAFE FLIGHT.

CAUTION REMOVE ALL BARRICADE TAPE AND VINYL ADHESIVE TAPE. ENGINES SHOULD NOT BE OPERATED WITH COVERINGS IN PLACE BECAUSE THE COVERINGS CAN COME OFF AND DAMAGE THE ENGINES.

(3) Remove all barricade tape, G02443 and Scotch Brand No.471 tape, G02219 from all of the static ports.

(a) Inspect each static port and if necessary use solvent, B00316 or equivalent to remove all tape residue, dirt and other contaminants around the ports.

SUBTASK 10-11-01-840-009

(4) Remove the "PITOT PROBES COVERED" tag, G02447 from the left control wheel in the flight deck.

SUBTASK 10-11-01-630-001

(5) Remove the fabric sheeting and adhesive tape from the AOA sensors.

(a) Inspect each AOA sensor and use solvent, B00316 or equivalent to remove all tape residue, dirt, and other contaminants around the AOA sensors.

SUBTASK 10-11-01-080-001

(6) Remove the “AOA SENSORS COVERED” tag from the left control wheel in the flight deck.

SUBTASK 10-11-01-440-001

(7) Make sure that these circuit breakers are closed:

Left Power Management Panel, P110

Row	Col	Number	Name
D	25	C30411	TAT PROBE HTR
D	26	C30409	AOA PROBE HTR L
G	5	C30405	PH B PITOT PROBE HTR L
H	6	C30424	PH C PITOT PROBE HTR L
M	25	C30624	PROBE/VANE HTR CTRL L

Right Power Management Panel, P210

Row	Col	Number	Name
D	1	C30408	AOA PROBE HTR R
D	5	C30404	PH B PITOT PROBE HTR R
E	4	C30423	PH C PITOT PROBE HTR R
E	20	C30406	PH B PITOT PROBE HTR C
G	26	C30425	PH C PITOT PROBE HTR C
L	10	C30623	PROBE/VANE HTR CTRL R

SUBTASK 10-11-01-860-026

(8) If you opened circuit breakers on the hot battery bus to park the airplane for 24 hours, close the circuit breakers on the hot battery bus (TASK 24-31-01-420-801).

SUBTASK 10-11-01-840-010

(9) Remove the warning streamer's equipment, ATC, VHF and DME antenna warning equipment, SPL-1506 from the equipment that follows:

(a) Adjacent to the VHF antennas

(b) Adjacent to the ATC antennas

(c) Adjacent to the drain masts

(d) Adjacent to the DME antennas

SUBTASK 10-11-01-660-005

CAUTION

DO NOT ASSUME THAT ALL ICE HAS MELTED IF IT IS POSSIBLE TO DRAIN FUEL FROM DRAIN VALVE AFTER SEVERAL MINUTES OF HEATED AIR APPLIED TO EXTERIOR. ICE ADJACENT TO AFFECTED UNIT MAY MELT AND ALLOW SOME WATER AND FUEL TO FLOW FROM DRAIN, BUT A LUMP OF ICE CAN STILL REMAIN.

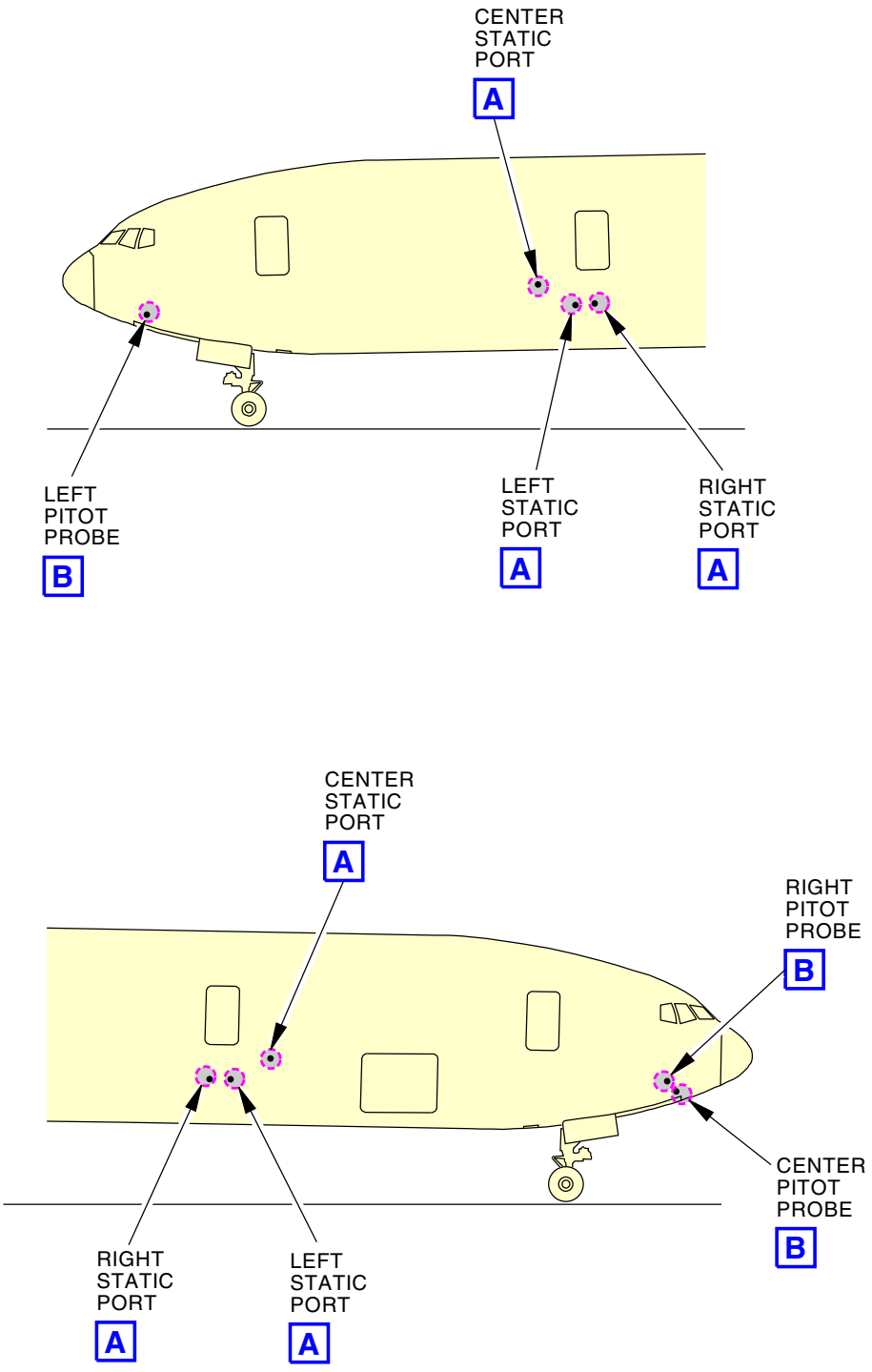
(10) In cold weather drain the fuel tank sumps prior to refueling to remove water from the fuel tanks if the airplane has been idle for more than 45 minutes.

SUBTASK 10-11-01-660-007

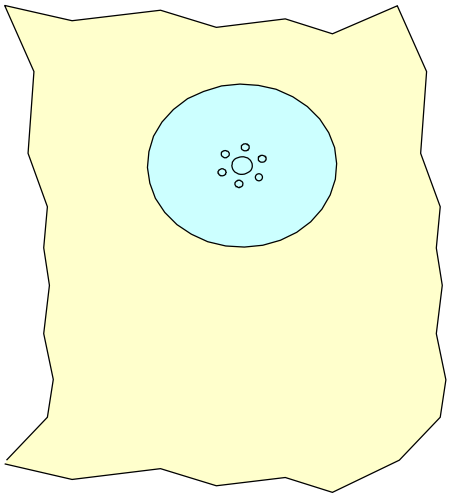
(11) Drain the fuel tank sumps again after refueling prior to departure if the airplane has been idle for 2 hours or more after refueling (TASK 12-11-02-680-801).

NOTE: In cold weather water can freeze, and not let the drain valves open.

——— END OF TASK ———

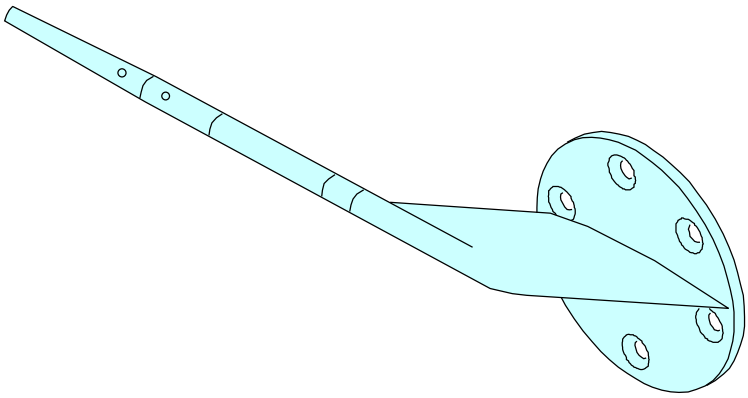


Pitot Static System - Component Location
Figure 201/10-11-01-990-805 (Sheet 1 of 2)



LEFT, RIGHT AND CENTER STATIC PORT

A

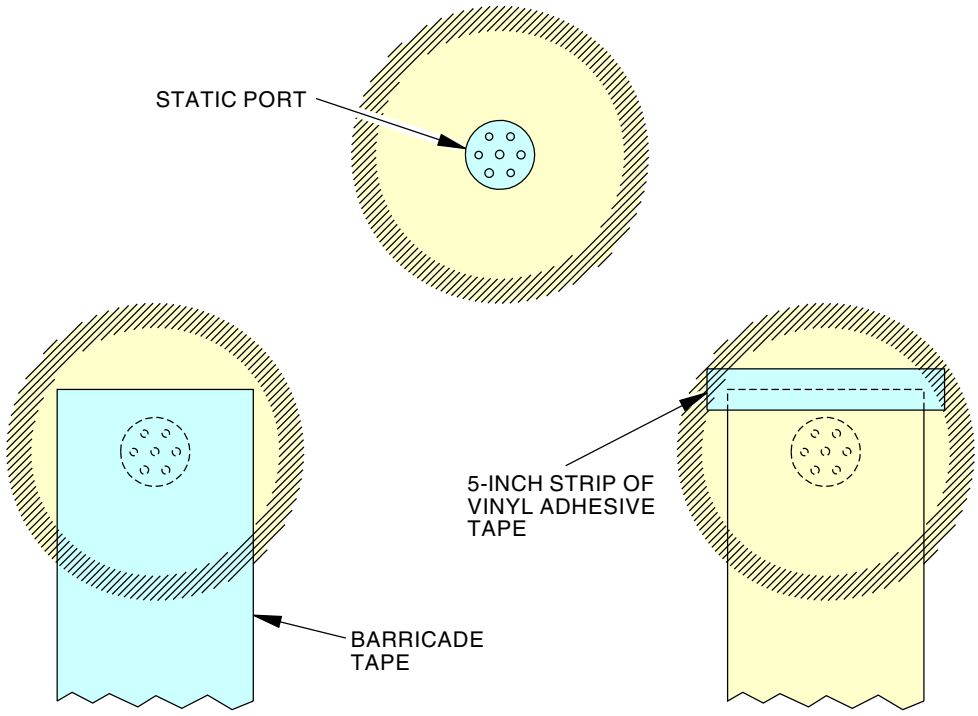


PITOT PROBE
(LEFT SHOWN, RIGHT AND CENTER OPPOSITE)

B

H38606 S0006399201_V2

Pitot Static System - Component Location
Figure 201/10-11-01-990-805 (Sheet 2 of 2)

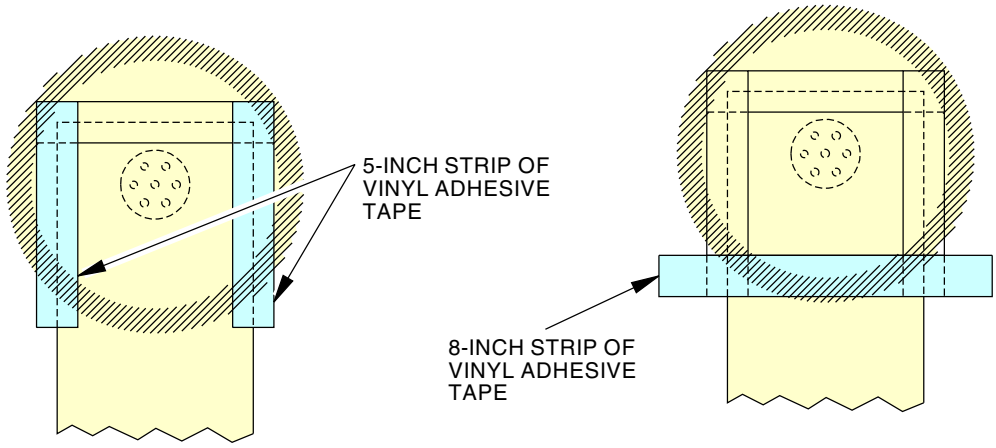


STEP 1

PUT ONE END OF THE BARRICADE TAPE OVER THE STATIC PORT TO COVER THE HOLES

STEP 2

SECURE THE TOP EDGE OF THE BARRICADE TAPE WITH 5 INCHES OF VINYL ADHESIVE TAPE



STEP 3

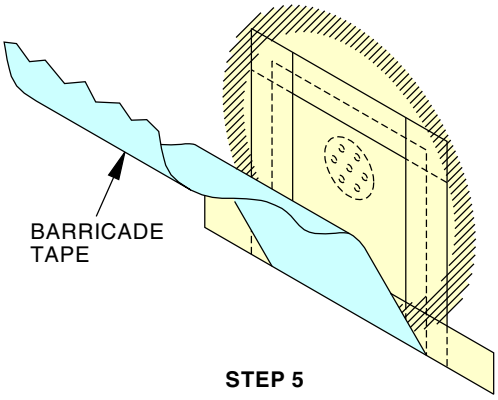
PUT TWO 5-INCH STRIPS OF VINYL ADHESIVE TAPE OVER THE SIDES OF THE BARRICADE TAPE, OVERLAPPING THE TOP STRIP OF ADHESIVE TAPE

STEP 4

PUT AN 8-INCH HORIZONTAL STRIP OF VINYL ADHESIVE TAPE OVER THE BARRICADE TAPE BELOW THE STATIC PORT HOLES, OVERLAPPING THE TWO VERTICAL STRIPS

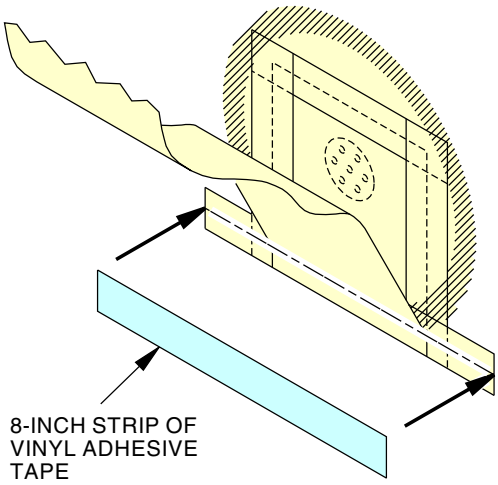
H38608 S0006399202_V2

Static Ports Cover Procedure
Figure 202/10-11-01-990-806 (Sheet 1 of 2)



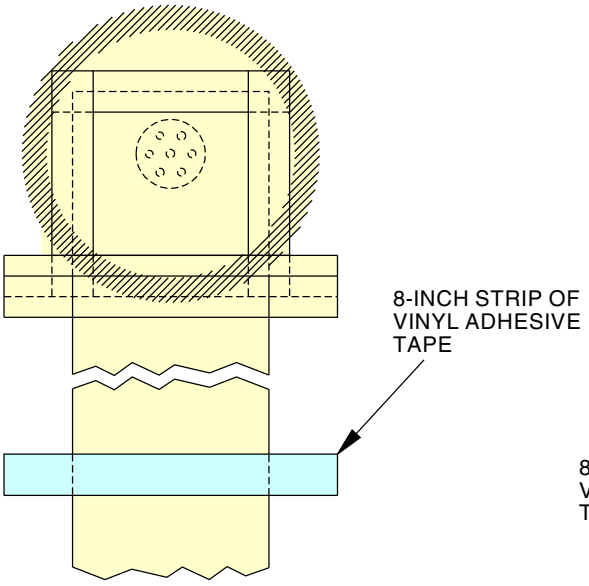
STEP 5

CAREFULLY GRASP THE FREE SECTION OF BARRICADE TAPE, AND FOLD IT BACK AGAINST THE SURFACE OF THE AIRPLANE



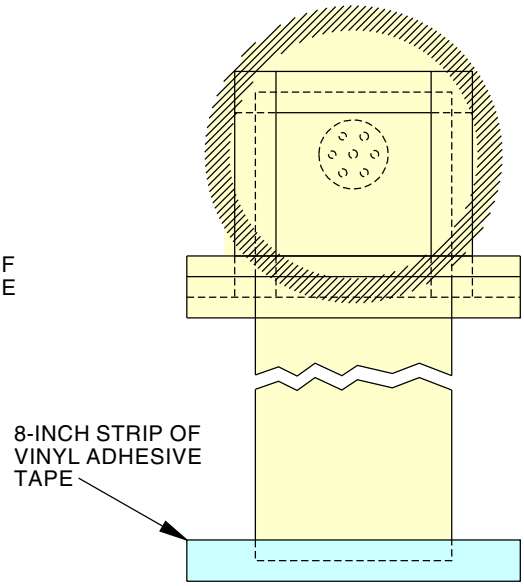
STEP 6

PLACE AN 8-INCH STRIP OF VINYL ADHESIVE TAPE HORIZONTALLY OVER THE BACK SIDE OF THE BARRICADE TAPE, OVERLAPPING THE LOWER HALF OF THE FIRST 8-INCH STRIP OF ADHESIVE TAPE



STEP 7

PUT AN 8-INCH STRIP OF VINYL ADHESIVE TAPE HORIZONTALLY OVER THE BARRICADE TAPE HALFWAY DOWN THE LENGTH OF THE BARRICADE TAPE

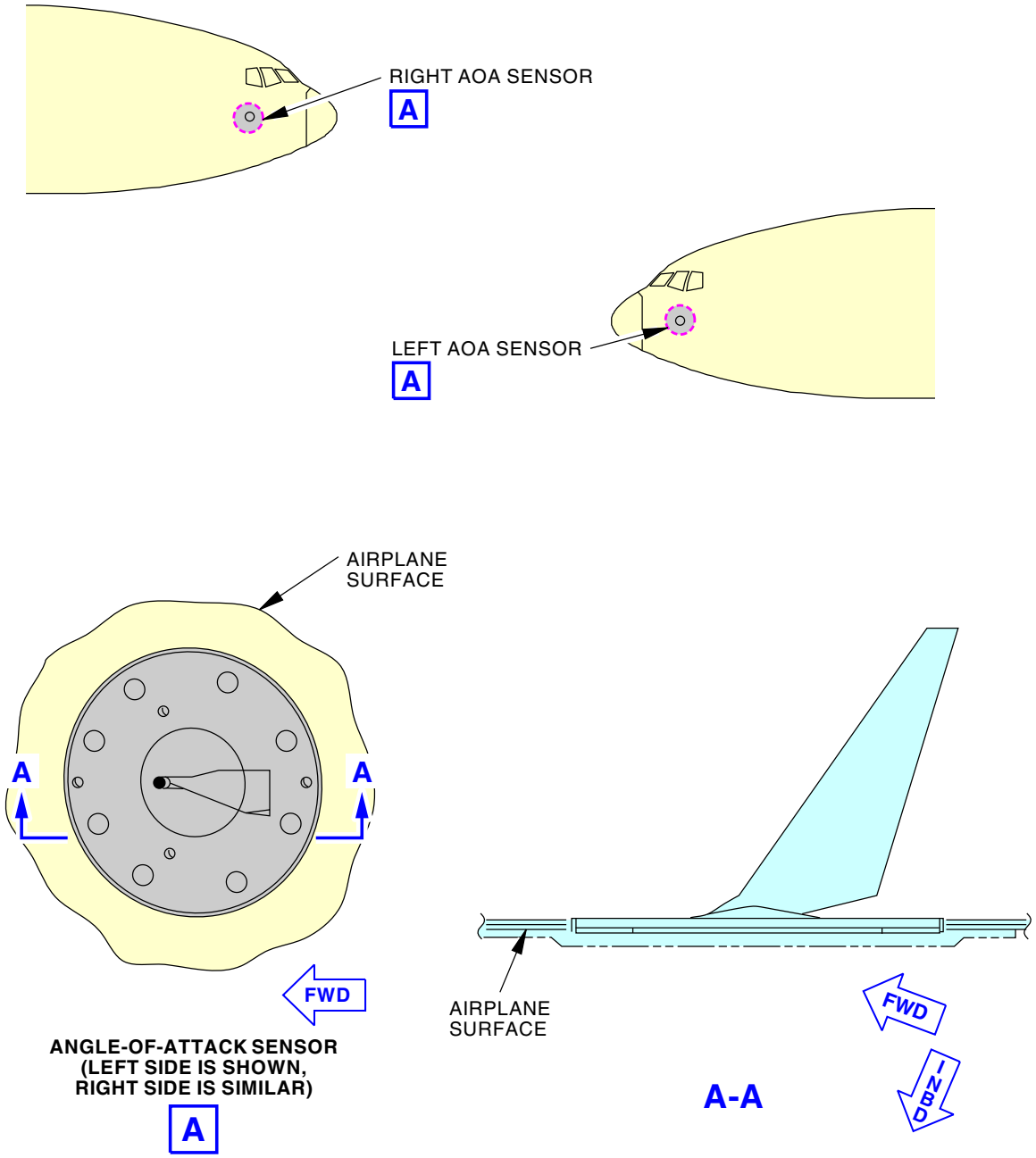


STEP 8

PUT AN 8-INCH STRIP OF VINYL ADHESIVE TAPE HORIZONTALLY OVER THE LOWER END OF THE BARRICADE TAPE

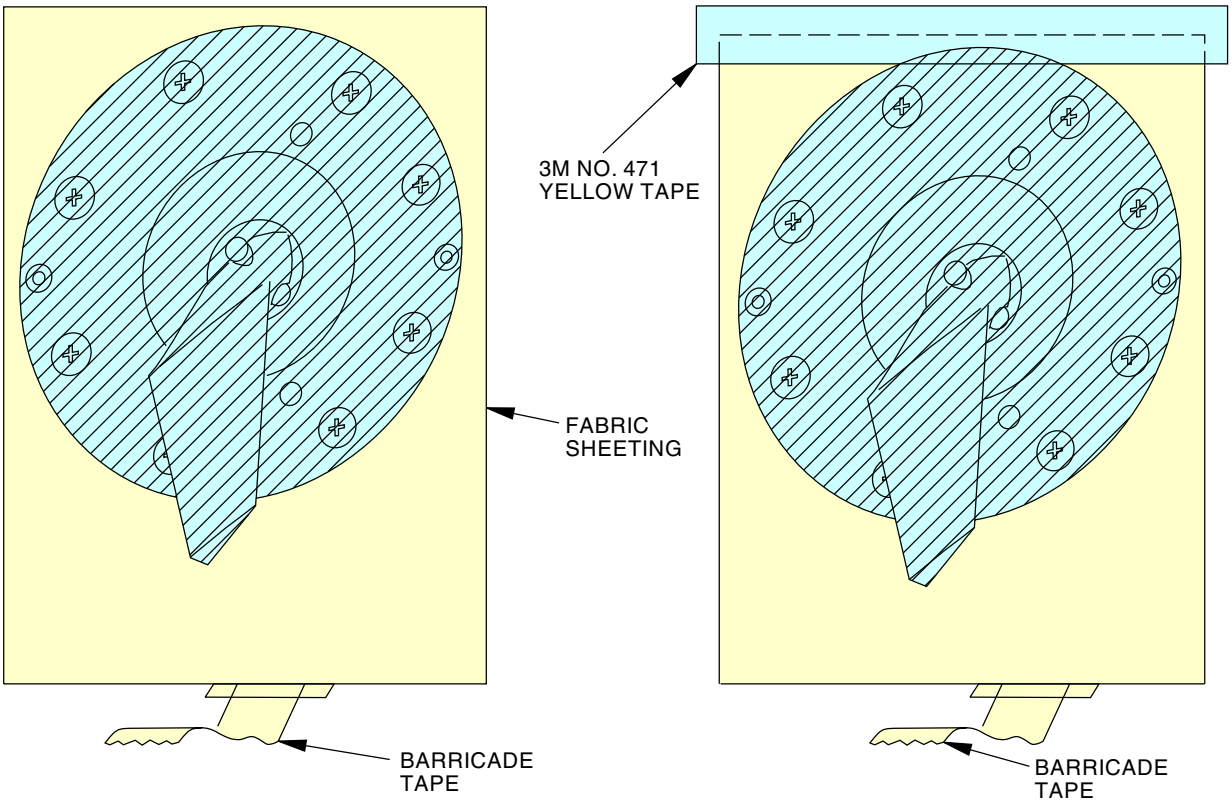
H38609 S0006399203_V2

Static Ports Cover Procedure
Figure 202/10-11-01-990-806 (Sheet 2 of 2)



2258690 S0000505761_V2

Angle-of-Attack - Component Locations
Figure 203/10-11-01-990-807

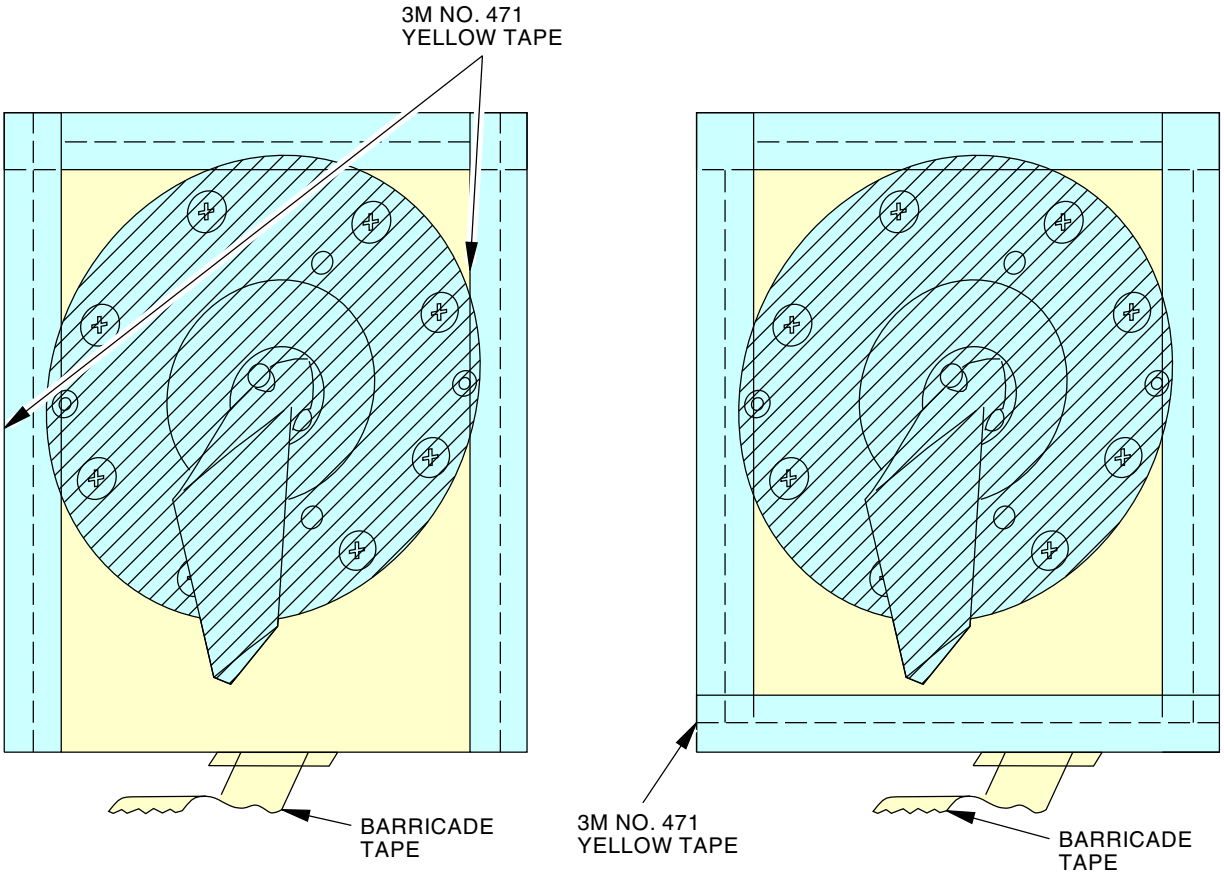


STEP 1
PUT THE FABRIC SHEETING OVER THE ANGLE-OF-ATTACK VANE WITH THE END WITH THE BARRICADE TAPE ATTACHED DOWN.

STEP 2
ATTACH THE TOP EDGE OF THE FABRIC SHEETING WITH VINYL ADHESIVE TAPE.

2258748 S0000505762_V2

Angle-of-Attack Sensor Cover Procedure
Figure 204/10-11-01-990-808 (Sheet 1 of 2)



STEP 3
ATTACH THE FABRIC SHEETING WITH ONE PIECE OF VINYL TAPE ON EACH VERTICAL EDGE, OVERLAPPING THE HORIZONTAL AT THE TOP STRIP OF TAPE.

STEP 4
ATTACH THE FABRIC SHEETING ON THE LOWER EDGE WITH ONE PIECE OF VINYL TAPE, OVERLAPPING EACH VERTICAL STRIP OF TAPE.

2259081 S0000506509_V2

Angle-of-Attack Sensor Cover Procedure
Figure 204/10-11-01-990-808 (Sheet 2 of 2)

PROLONGED PARKING - MAINTENANCE PRACTICES

1. General

A. When an airplane is not in active service or is not being actively maintained for a period of 7 days or more, the airplane must be protected. The procedures that follow will prevent the deterioration of the airplane structure, finish, or system components. There are different procedures to prepare some systems for storage. These procedures are calculated by the length of time the airplane is to be in prolonged parking/storage. In addition, there is also a task to put the airplane back to a serviceable condition after it has been in prolonged parking/storage.

B. This procedure contains the following airplane prolonged parking preservation tasks:

NOTE: The preservation prolonged parking/storage procedure tasks that follow prevent the deterioration of the airplane structure, finish, or system components.

(1) Airplane Prolonged Parking Preservation Quick Check Procedure

(a) This gives an overview of the procedures that are done for various storage and cycle times.

(2) These tasks are done at the start of the storage time.

(a) Prepare the Airplane for Storage for More than 7 Days (1 Week)

(b) Prepare the Airplane for Storage for More than 30 Days (1 Month)

(c) Prepare the Airplane for Storage for More than 60 Days (2 Months)

(d) Prepare the Airplane for Storage for More than 180 Days (6 Months)

(e) Prepare the Airplane for Storage for More than 365 Days (1 Year)

(3) These procedures are done throughout the storage time.

(a) Service and Protection on 7 Day (1 Week) Cycles

(b) Service and Protection on 14 Day (2 Week) Cycles

(c) Service and Protection on 30 Day (1 month) Cycles

(d) Service and Protection on 60 Day (2 month) Cycles

(e) Service and Protection on 90 Day (3 month) Cycles

(f) Service and Protection on 180 Day (6 month) Cycles

(g) Service and Protection on 365 Day (1 Year) Cycles

(4) Airplane Prolonged Parking Depreservation Quick Check Procedure.

(a) This gives the instructions to put the airplane back to a serviceable condition after prolonged parking/storage.

C. This procedure contains the following airplane prolonged parking depreservation tasks:

(1) Put the airplane back to service when stored for seven days or more.

(2) Put the airplane back to service when stored for 14 Day (2 Week) Cycles

(3) Put the airplane back to service when stored for 30 Day (1 Month) Cycles

(4) Put the airplane back to service when stored for 60 Day (2 Month) Cycles

(5) Put the airplane back to service when stored for More Than 60 Days (2 Months)

(6) Put the airplane back to service when stored for More Than 90 Days (3 Months)

(7) Put the airplane back to service when stored for More Than 180 Days (6 Months)

(8) Put the airplane back to service when stored for More Than 365 Days (1 year)

(9) Put the airplane back to service when stored for More Than 730 Days (2 years)

WARNING

WHEN THE STATIC PORTS/PITOT PROBES ARE COVERED, MAKE SURE THAT CONDITION IS VISIBLE FROM THE GROUND. IN ADDITION, ATTACH TAGS TO THE LEFT CONTROL WHEEL IN THE FLIGHT DECK AS REMINDERS THAT STATIC PORTS/PITOT PROBES ARE COVERED. FAILURE TO OBSERVE AND REMOVE COVERINGS OVER STATIC PORTS/PITOT PROBES BEFORE FLIGHT MAY CAUSE LARGE ERRORS IN AIRSPEED-SENSING AND ALTITUDE-SENSING SIGNALS, WHICH MAY LEAD TO LOSS OF SAFE FLIGHT.

(10) Attach the static port covers and pitot probe covers on the airplane (TASK 10-11-01-580-804).

(11) During extended hot weather periods monitor the passenger cabin for maximum temperature. If the temperature is expected to exceed 130°F (54.4°C) for more than two days, reduce the temperature.

NOTE: The temperature can be lowered with an air conditioning ground air cart hooked to the airplane and the cabin pressurization air outflow valves set in the open position.

(a) The internal temperature of both the flight deck and the electronics bay must be monitored to keep the temperature below 185°F (85°C).

(12) The preservation prolonged parking/storage times are as follows:

(a) Short Term prolonged parking/storage - Applies to times that are 0 to 60 days unless specified differently.

(b) Long Term prolonged parking/storage - Applies to times that are more than 60 days unless specified differently.

TASK 10-11-02-210-801

2. Airplane Prolonged Parking Preservation Quick Check Procedure

A. General

WARNING

THE QUICK CHECK TABLE IS NOT A SUBSTITUTE FOR FOLLOWING THE COMPLETE PROCEDURE WHICH CONTAINS WARNINGS, CAUTIONS, TASKS, AND DETAILED INSTRUCTIONS. FAILURE TO FOLLOW THE COMPLETE PROCEDURE CAN RESULT IN INJURIES TO PERSONNEL AND DAMAGE TO THE AIRPLANE AND EQUIPMENT.

(1) The airplane prolonged parking preservation Quick Check table follows:

(a) The tables below are for a Quick Check to show what is necessary when you do the preservation to an airplane. This data is in direct relationship with the tasks and subtasks within the procedure. The table was created to help the mechanic understand quickly what is necessary to put an airplane into a storage condition. The title of each table is the TASK TITLE for that procedure.

(b) This table does not take the place of the tasks in this procedure. It is to be used only for reference and for a quick review of what is in the procedure.

Table 201/10-11-02-993-811

PREPARE THE AIRPLANE FOR STORAGE FOR MORE THAN 7 DAYS (1 WEEK)	
PRESERVATION PROCEDURES - QUICK CHECK **These procedures are to be done at the start of the storage time.**	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
EXTERNAL SURFACES (FUSELAGE, WING, HORIZONTAL AND VERTICAL STABILIZERS)	Do these steps: - install covers on probes, sensors, and ports - wash the airplane - remove the corrosion and stains - remove other contaminants - inspect composite panels
LANDING GEAR	Do these steps: - install wheel chocks*[1] - release parking brake - install down lock pins - service the struts - remove corrosion - lubricate the landing gear - apply corrosion preventive compound - cycle the landing gear doors 3 times - close landing gear doors - service the tires - lubricate wheel bearings - put covers on brake/wheel/tires
ARO 001-004	
TAIL SKID (777-300)	Do these steps: - retract the tail skid - install downlock pin
ARO ALL	
POWER PLANT	Do the engine preservation
APU	Do these steps: - preserve the APU
ELECTRICAL/ELECTRONIC	Do these steps: - ground the airplane - put all switches in the OFF position - check the components in the E/E Bay - open all necessary circuit breakers - disconnect main battery - disconnect APU battery
FLIGHT COMPARTMENT	Do this step: - open pitot heat circuit breakers

Table 201/10-11-02-993-811 (Continued)

PREPARE THE AIRPLANE FOR STORAGE FOR MORE THAN 7 DAYS (1 WEEK)	
PRESERVATION PROCEDURES - QUICK CHECK **These procedures are to be done at the start of the storage time.**	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
OXYGEN SYSTEMS	Do these steps: - check hydrostatic dates of cylinders - close all oxygen cylinder shut-off valves - lockwire the shut-off valves in the closed position
AIR CONDITIONING	Do these steps: - remove moisture from the water separator - seal all external openings - close outflow valves
HYDRAULIC	Do these steps: - check for leaks - service all systems - lubricate all component bearings - fill all pump gearboxes - cover ADU turbine exhaust ports
EQUIPMENT AND FURNISHINGS	Do these steps: - put covers on internal furnishings - install carpet runners - install seat covers - close window shades - clean trays and waste containers - check galleys and toilets - remove seats and carpets in flight and passenger compartments if necessary - put main entry doors in manual mode and install safety pins for escape slides - remove gas bottles if applicable - remove slide/raft if applicable - remove life vests
WATER AND WASTE	Do these steps: - drain potable water - disinfect potable water system - drain and flush waste storage tanks

Table 201/10-11-02-993-811 (Continued)

PREPARE THE AIRPLANE FOR STORAGE FOR MORE THAN 7 DAYS (1 WEEK)	
PRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done at the start of the storage time.	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
FLIGHT CONTROLS	Do these steps: - move all flight control surfaces - lubricate all flight controls - lubricate all visible cables - open all drain holes - put flaps FULL UP - put slats FULL UP - put covers on vertical stabilizer ports
FIRE PROTECTION	Do these steps: - keep engine fire extinguishing systems full - keep APU fire extinguishing systems full - keep cargo fire extinguishers full
FUEL	Do these steps if storage time will be less than 1 year (if longer, see PREPARE THE AIRPLANE FOR STORAGE FOR MORE THAN 365 DAYS (1 YEAR: - put in biocide if applicable - drain water (sumps and surge tanks) - cover fuel vent openings and flag - check for fuel leaks
NITROGEN GENERATING SYSTEM	Do these steps: - Cover the dedicated ram inlet and outlet.

*[1] Do this task: Chock Installation in Winds or Wind Gusts to a Maximum of 35 Knots, TASK 10-11-05-500-801.

Table 202/10-11-02-993-820

PREPARE THE AIRPLANE FOR STORAGE FOR MORE THAN 30 DAYS (1 MONTH)	
PRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done at the start of the storage time	
You must do this task first: - Prepare The Airplane For Storage for More Than 7 Days (1 Week), TASK 10-11-02-620-810	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
LANDING GEAR	Do these steps: - disconnect the torsion link - lubricate the torsion link bearing surfaces - lubricate the nose and main gear steering actuator pistons

Table 202/10-11-02-993-820 (Continued)

PREPARE THE AIRPLANE FOR STORAGE FOR MORE THAN 30 DAYS (1 MONTH)	
PRESERVATION PROCEDURES - QUICK CHECK **These procedures are to be done at the start of the storage time**	
You must do this task first: **- Prepare The Airplane For Storage for More Than 7 Days (1 Week), TASK 10-11-02-620-810**	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
ELECTRICAL/ELECTRONIC	Do these steps: - remove EPAS batteries and overwing exit emergency batteries - remove emergency batteries - make sure BATT INTLK circuit breakers are open - remove PSAs - remove FCDC batteries - apply electrical power - make sure main battery is charged
FLIGHT COMPARTMENT	Do this step: - wash and cover flight compartment windows

Table 203/10-11-02-993-816

PREPARE THE AIRPLANE FOR STORAGE FOR MORE THAN 60 DAYS (2 MONTHS)	
PRESERVATION PROCEDURES - QUICK CHECK **These procedures are to be done at the start of the storage time.**	
You must do these tasks first: **- Prepare The Airplane For Storage for More Than 7 Days (1 Week), TASK 10-11-02-620-810** **- Prepare the Airplane for Storage for More Than 30 Days (1 Month), TASK 10-11-02-620-819**	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
EXTERNAL SURFACES (FUSELAGE, WING, HORIZONTAL AND VERTICAL STABILIZERS)	Do these steps: - apply corrosion compound to radome latches - apply vinyl tape to applicable areas - cut drain holes in tape seals on all entry doors and hatches - if necessary, alodine unpainted aluminum surfaces - apply temporary protective coating to unpainted metal surfaces
ELECTRICAL/ELECTRONIC	Do these steps: - remove the flashlight and other non-rechargeable batteries
OXYGEN	Do these steps: - keep cylinders to minimum 50 psi - make sure hydrostatic test dates will not expire - if cylinders are removed, tag them and put covers on all masks and hoses
HYDRAULIC	Do these steps: - clean and put a protective coating on actuator rods and slide valves

Table 203/10-11-02-993-816 (Continued)

PREPARE THE AIRPLANE FOR STORAGE FOR MORE THAN 60 DAYS (2 MONTHS)	
PRESERVATION PROCEDURES - QUICK CHECK **These procedures are to be done at the start of the storage time.**	
You must do these tasks first: **- Prepare The Airplane For Storage for More Than 7 Days (1 Week), TASK 10-11-02-620-810** **- Prepare the Airplane for Storage for More Than 30 Days (1 Month), TASK 10-11-02-620-819**	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
EQUIPMENT AND FURNISHING	Do these steps: - open interior doors for ventilation - put desiccant bags in the airplane

Table 204/10-11-02-993-821

PREPARE THE AIRPLANE FOR STORAGE FOR MORE THAN 180 DAYS (6 MONTHS)	
PRESERVATION PROCEDURES - QUICK CHECK **These procedures are to be done at the start of the storage time.**	
You must do these tasks first: **- Prepare The Airplane For Storage for More Than 7 Days (1 Week), TASK 10-11-02-620-810** **- Prepare the Airplane for Storage for More Than 30 Days (1 Month), TASK 10-11-02-620-819** **- Prepare the Airplane for Storage for More Than 60 Days (2 Months), TASK 10-11-02-620-815**	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
LANDING GEAR	Do these steps: - lubricate the surfaces of the main landing gear door up-lock hooks - lubricate the main gear forward and aft spherical trunnion bearings - lubricate the aft trunnion pin

Table 205/10-11-02-993-819

PREPARE THE AIRPLANE FOR STORAGE FOR MORE THAN 365 DAYS (1 YEAR)	
PRESERVATION PROCEDURES - QUICK CHECK **These procedures are to be done at the start of the storage time.**	
You must do these tasks first: **- Prepare The Airplane For Storage for More Than 7 Days (1 Week), TASK 10-11-02-620-810** **- Prepare the Airplane for Storage for More Than 30 Days (1 Month), TASK 10-11-02-620-819** **- Prepare the Airplane for Storage for More Than 60 Days (2 Months), TASK 10-11-02-620-815** **- Prepare the Airplane for Storage for More Than 180 Days (6 Months), TASK 10-11-02-620-817**	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
FUEL	Do these steps: - drain fuel from one main tank - open main tank - check tank for corrosion - if corrosion found, drain and check all tanks - check wing dry bay for corrosion - if corrosion found, remove corrosion - close all fuel tanks when applicable - put greater than 10% fuel capacity (approximately 20%) into the fuel tanks - put biocide into fuel tanks - operate fuel boosts and override pumps to purge with new fuel - put screen over surge tank vents and center dry bay opening, and attach flag

Table 206/10-11-02-993-812

SERVICE AND PROTECTION ON 7 DAY (1 WEEK) CYCLES	
PRESERVATION PROCEDURES - QUICK CHECK **These procedures are to be done throughout the storage time.**	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
EXTERNAL SURFACES (FUSELAGE, WING, HORIZONTAL AND VERTICAL STABILIZERS)	Do this step: - wash the airplane if contaminants are found
LANDING GEAR	Do these steps: - disconnect torsion link - lubricate torsion link bearing surface - lubricate hydraulic actuator pistons - move the steering actuators of the MLG

Table 207/10-11-02-993-813

SERVICE AND PROTECTION ON 14 DAY (2 WEEK) CYCLES	
PRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done throughout the storage time.	
You must do this task at the same time: - Service and Protection on 7 Day (1 Week) Cycles, TASK 10-11-02-620-811	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
EXTERNAL SURFACES (FUSELAGE, WING, HORIZONTAL AND VERTICAL STABILIZERS)	Do these steps: - If necessary, wash the airplane - If temporary protective coating was applied, check the coating for corrosion under the coating
LANDING GEAR	Do this step: - check the tire pressure
ELECTRICAL/ELECTRONIC	Do these steps: - Apply electrical power - charge main battery - put all switches in correct position - disconnect the batteries
HYDRAULIC	Do this step: - apply hydraulic fluid to exposed actuator rods and valve slides

Table 208/10-11-02-993-814

SERVICE AND PROTECTION ON 30 DAY (1 MONTH) CYCLES	
PRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done throughout the storage time.	
You must do these tasks at the same time: - Service and Protection on 7 Day (1 Week) Cycles, TASK 10-11-02-620-811 - Service and Protection on 14 Day (2 Week) Cycles, TASK 10-11-02-620-812	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
EXTERNAL SURFACES (FUSELAGE, WING, HORIZONTAL AND VERTICAL STABILIZERS	Do these steps to the external areas: - check all covers - if the airplane is being stored for more than 60 days, check the drain holes in the tape seals - make sure structural drain holes are open - If temporary protective coating was applied, check the coating for corrosion under the coating
LANDING GEAR	Do this step: - Check the tires for flat spots. - If there are flat spots on the tires, rotate the tires or tow the airplane a short distance.
EQUIPMENT AND FURNISHINGS	Do this step: - Check seats and carpets for moisture and mildew

Table 208/10-11-02-993-814 (Continued)

SERVICE AND PROTECTION ON 30 DAY (1 MONTH) CYCLES	
PRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done throughout the storage time.	
You must do these tasks at the same time: - Service and Protection on 7 Day (1 Week) Cycles, TASK 10-11-02-620-811 - Service and Protection on 14 Day (2 Week) Cycles, TASK 10-11-02-620-812	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
FIRE PROTECTION	Do this step: - check the fire extinguishers
FUEL	Do these steps: - make sure tanks are greater than 10% full (approximately 20%) - drain water from sump and surge tanks - put biocide into fuel tanks

Table 209/10-11-02-993-815

SERVICE AND PROTECTION ON 60 DAY (2 MONTH) CYCLES	
PRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done throughout the storage time.	
You must do these tasks at the same time: - Service and Protection on 7 Day (1 Week) Cycles, TASK 10-11-02-620-811 - Service and Protection on 14 Day (2 Week) Cycles, TASK 10-11-02-620-812 - Service and Protection on 30 Day (1 Month) Cycles, TASK 10-11-02-620-813	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
EXTERNAL SURFACES (FUSELAGE, WING, HORIZONTAL AND VERTICAL STABILIZERS)	Do this step: - wash flight compartment windows
FUEL	Do this step: - check the screens on the surge tank vent openings and the center dry bay opening.

Table 210/10-11-02-993-818

SERVICE AND PROTECTION ON 90 DAY (3 MONTH) CYCLES	
PRESERVATION PROCEDURES - QUICK CHECK **These procedures are to be done throughout the storage time.**	
You must do these tasks at the same time: **- Service and Protection on 7 Day (1 Week) Cycles, TASK 10-11-02-620-811** **- Service and Protection on 14 Day (2 Week) Cycles, TASK 10-11-02-620-812** **- Service and Protection on 30 Day (1 Month) Cycles, TASK 10-11-02-620-813** **- If the 60 day and 90 day cycles align, Service and Protection on 60 Day (2 Month) Cycles, TASK 10-11-02-620-814**	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
LANDING GEAR	Do this step: - check the corrosion preventive compound on the unpainted landing gear parts - lubricate landing gear components
FLIGHT CONTROLS	Do these steps: - lubricate the flight control components - check flaps and slats dive components

Table 211/10-11-02-993-817

SERVICE AND PROTECTION ON 180 DAY (6 MONTH) CYCLES	
PRESERVATION PROCEDURES - QUICK CHECK **These procedures are to be done throughout storage time.**	
You must do these tasks at the same time: **- Service and Protection on 7 Day (1 Week) Cycles, TASK 10-11-02-620-811** **- Service and Protection on 14 Day (2 Week) Cycles, TASK 10-11-02-620-812** **- Service and Protection on 30 Day (1 Month) Cycles, TASK 10-11-02-620-813** **- Service and Protection on 60 Day (2 Month) Cycles, TASK 10-11-02-620-814** **- Service and Protection on 90 Day (3 Month) Cycles, TASK 10-11-02-620-820**	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
EXTERNAL SURFACES (FUSELAGE, WING, HORIZONTAL AND VERTICAL STABILIZERS)	Do this step: - replace the tape on external openings
LANDING GEAR	Do this step: - examine and repack the wheel bearings

Table 212/10-11-02-993-822

SERVICE AND PROTECTION ON 365 DAY (1 YEAR) CYCLES	
PRESERVATION PROCEDURES - QUICK CHECK **These procedures are to be done throughout the storage time.**	
You must do these tasks at the same time: **- Service and Protection on 7 Day (1 Week) Cycles, TASK 10-11-02-620-811** **- Service and Protection on 14 Day (2 Week) Cycles, TASK 10-11-02-620-812** **- Service and Protection on 30 Day (1 Month) Cycles, TASK 10-11-02-620-813** **- Service and Protection on 60 Day (2 Month) Cycles, TASK 10-11-02-620-814** **- Service and Protection on 90 Day (3 Month) Cycles, TASK 10-11-02-620-820** **- Service and Protection on 180 Day (6 Month) Cycles, TASK 10-11-02-620-821**	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
FUEL	Do these steps: - drain one main fuel tank (a different one than was drained on previous inspections) - check for corrosion - if corrosion is found, drain all tanks and remove corrosion - open dry bay areas to check for corrosion - make sure tanks are greater than 10% full (approximately 20%) - put biocide into fuel tanks - operate fuel boost pumps - put screen over tank vent and dry bay openings - attach flags to screens

B. References

Reference	Title
10-11-05-500-801	Chock Installation in Winds or Wind Gusts to a Maximum of 35 Knots (P/B 201)

——— END OF TASK ———

TASK 10-11-02-620-810

3. Prepare The Airplane For Storage for More Than 7 Days (1 Week)

A. General

(1) This procedure is done at the start of the storage time.

(2) Do this procedure if you think the airplane will be stored for more than 7 days (1 week).

(a) Also, do any additional procedures as necessary for the applicable storage time of your airplane.

B. References

Reference	Title
10-11-01-580-804	Park the Airplane (Normal Parking) (P/B 201)
10-11-05-500-801	Chock Installation in Winds or Wind Gusts to a Maximum of 35 Knots (P/B 201)

(Continued)

Reference	Title
12-11-02-680-801	Fuel Tank Sump Drain Valve - Water Removal/Sampling (P/B 301)
12-12-01-610-801	Hydraulic Reservoir Fluid Level Check (P/B 301)
12-13-05-610-801	Add Oil to the Air-Driven Pump (ADP) Turbine Gearbox Assembly (TGA) (P/B 301)
12-14-01-616-802	Potable Water System - Drain (P/B 301)
12-15-01-610-810	Main Landing Gear Shock Strut Servicing (P/B 301)
12-15-02-610-805-002	Nose Landing Gear Shock Strut Servicing (P/B 301)
12-15-03-610-801	Landing Gear Tire Servicing (P/B 301)
12-15-11 P/B 301	LANDING GEAR SHOCK STRUT FLUID - SERVICING
12-17-01-610-801	Waste Tank Servicing (P/B 301)
12-21-04-600-801	Elevator Power Control Units (PCUs) - Lubrication (P/B 301)
12-21-04-600-802	Lubricate the Elevator Hinges (P/B 301)
12-21-05-600-801	Horizontal Stabilizer Ballscrew Actuator Assembly - Lubrication (P/B 301)
12-21-06-600-801	Lubricate the Rudder Power Control Units (PCUs) (P/B 301)
12-21-06-600-802	Lubricate the Rudder and Rudder Tab Hinges (P/B 301)
12-21-07-600-801	Lubricate the Aileron Power Control Units (PCUs) (P/B 301)
12-21-07-600-802	Lubricate the Aileron Hinges (P/B 301)
12-21-07-600-803	Lubricate the Flaperon Power Control Units (PCUs) (P/B 301)
12-21-07-600-804	Lubricate the Flaperon Hinges (P/B 301)
12-21-08-640-801	Inboard Slat Rollers and Pinion Bearing Lubrication (P/B 301)
12-21-08-640-802	Outboard Slat Rollers and Pinion Bearing Lubrication (P/B 301)
12-21-08-640-803	Krueger Flap Drive Arm Bearing Lubrication (P/B 301)
12-21-08-640-804	Inboard Leading Edge Torque Tube and Support Lubrication (P/B 301)
12-21-09-640-801	Trailing Edge Torque Tube and Torque Tube Support Lubrication (P/B 301)
12-21-09-640-802	Inboard Flap Inboard Transmission, Ballscrew and Gimbal Lubrication (P/B 301)
12-21-09-640-803	Inboard Flap, Inboard Support Mechanism Lubrication (P/B 301)
12-21-09-640-804	Outboard Flap Outboard Transmission, Ballscrew and Gimbal Lubrication (P/B 301)
12-21-09-640-805	Outboard Flap Outboard Support Mechanism Lubrication (P/B 301)
12-21-09-640-806	Outboard Auxiliary Support Track and Carriage Lubrication (P/B 301)
12-21-09-640-807	Inboard Flap Outboard Transmission, Ballscrew and Gimbal Lubrication (P/B 301)
12-21-09-640-808	Inboard Flap, Outboard Support Mechanism Lubrication (P/B 301)
12-21-09-640-809	Inboard Aft Flap Roller Lubrication (P/B 301)
12-21-09-640-810	Outboard Flap Inboard Transmission, Ballscrew and Gimbal Lubrication (P/B 301)

(Continued)

Reference	Title
12-21-09-640-811	Outboard Flap Inboard Support Mechanism Lubrication (P/B 301)
12-21-09-640-812	Inboard Auxiliary Support Track and Carriage Lubrication (P/B 301)
12-21-10-600-801	Lubricate the Inboard Spoilers (P/B 301)
12-21-10-600-802	Lubricate the Outboard Spoilers (P/B 301)
12-21-11-640-802-002	Main Landing Gear Support Beam Lubrication (P/B 301)
12-21-12-640-801	Nose Landing Gear and Actuating Mechanism's Lower Components Lubrication (P/B 301)
12-21-12-640-802	Nose Landing Gear and Actuating Mechanism's Upper Components Lubrication (P/B 301)
12-21-13-640-801	Nose Landing Gear Doors and Actuating Mechanisms Lubrication (P/B 301)
12-21-14-640-805-002	Upper Main Landing Gear and Actuating Mechanisms Lubrication (P/B 301)
12-21-14-640-806-002	Lower Main Landing Gear and Actuating Mechanisms Lubrication (P/B 301)
12-21-15-640-802-002	Main Landing Gear Doors and Actuating Mechanisms Lubrication (P/B 301)
12-21-30-640-801	Lubricate the Ram Air Turbine (RAT) Actuator (P/B 301)
12-21-30-640-802	Lubricate the Ram Air Turbine (RAT) Strut and Door Actuation Link (P/B 301)
12-21-31-600-801	Control Cable Lubrication (P/B 301)
12-25-01-100-801	Clean (Wet Wash) the External Surfaces of the Airplane (P/B 301)
12-25-01-100-802	Polish the External Surfaces of the Airplane (P/B 301)
20-10-23-400-801	Lockwire, Cotter Pins, and Lockrings - Installation (P/B 401)
20-41-00-910-801	Static Grounding (P/B 201)
21-00-00-800-803	Supply Conditioned Air with a Cooling Pack (P/B 201)
21-00-00-800-804	Remove Conditioned Air Supplied by a Cooling Pack (P/B 201)
21-31-00-700-806-001	Cabin Pressure Control System - System Test (P/B 501)
24-30-00-700-804	Main Battery Charge Capacity - System Test (P/B 501)
24-31-01-020-801	Disconnect Main Battery Power (P/B 201)
24-31-05-020-801	Disconnect APU Battery Power (P/B 201)
25-11-01-000-801	Captain and First Officer Seat Removal (P/B 401)
25-11-03-000-801	First Observer Seat - Removal (P/B 401)
25-11-03-000-802	Second Observer Seat - Removal (P/B 401)
25-41-08-200-801	Lavatory Waste Compartment Inspection (P/B 601)
25-62-01-200-801	Life Vest Inspection (P/B 201)
25-66-01-000-801	Door-Mounted Escape Slide Pack Removal (P/B 401)
26-21-00-710-802	Bottle Pressure Switch Operational Test (P/B 501)
26-22-00-000-801	Bottle Pressure Switch Operational Test (P/B 501)
27-11-00-700-804	Aileron Trim Test (P/B 501)
27-11-00-740-801	Aileron or Flaperon Power Control Unit (PCU) Test (P/B 501)

(Continued)

Reference	Title
27-21-00-700-801	Rudder Power Control Unit Test (P/B 501)
27-21-00-700-803	Rudder Trim Test (P/B 501)
27-31-00-700-801	Elevator Power Control Unit Test (P/B 501)
27-41-00-700-801	Stabilizer System Test (P/B 501)
27-51-00-860-804	Extend the Trailing Edge Flaps (P/B 201)
27-51-00-860-805	Retract the Trailing Edge Flaps (P/B 201)
27-61-00-700-801	Spoiler Operational Test (P/B 501)
27-81-00-860-804	Extend the Leading Edge Slats (P/B 201)
27-81-00-860-805	Retract the Leading Edge Slats (P/B 201)
28-10-00-600-802	Biocide Treatment of Fuel Tanks - Metered Injection Cart (P/B 201)
29-11-00-200-804	Main Hydraulic Systems External Leakage Check (P/B 601)
31-61-00-800-804	Showing a Maintenance Page (P/B 201)
32-00-40-860-801	Landing Gear Ground Door Release System Operation (Close the Doors) (P/B 201)
32-45-01-000-801	Main Landing Gear Wheel and Tire Assembly Removal (P/B 401)
32-45-01-400-801	Main Landing Gear Wheel and Tire Assembly Installation (P/B 401)
32-45-02-000-801	Nose Landing Gear Wheel and Tire Assembly Removal (P/B 401)
32-45-02-400-801	Nose Landing Gear Wheel and Tire Assembly Installation (P/B 401)
32-72-00-000-801	Tail Skid System Operational Test (P/B 501)
35-11-00-210-801	Oxygen Cylinder Correct Installation and Condition Check (P/B 601)
35-31-00-210-802	Portable Oxygen Cylinder Pressure and Condition Check (P/B 201)
36-00-00-860-801	Depressurize the Pneumatic System (P/B 201)
36-00-00-860-802	Pressurize the Pneumatic System (P/B 201)
38-10-00-600-801	Potable Water System - Disinfectant (P/B 201)
49-11-00-620-801	APU Preservation - Mild Environment (P/B 201)
49-11-00-620-802	APU Preservation - Severe Environment (P/B 201)
51-21-03-100-801	Corrosion Removal and Control (P/B 701)
52-12-15-200-801	Mode Select Mechanism Check (P/B 201)
71-00-03-600-801-H01	Preservation of An Engine (Task Selection) (P/B 201)

C. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
COM-1505	Chocks - Wheel Part #: AC6820-LR Supplier: 032T9 Part #: PF10-010 Supplier: 3D5B2 Part #: W88 Supplier: 9L752
COM-2497	Cover - Probe, Pitot Static Part #: KPC3-825-8 Supplier: 0P9C7
COM-2500	Cover - Protective, Main Landing Gear Wheels/Brakes
COM-2519	Cover - Protective, Nose Landing Gear Wheels Part #: FC-777NLGTC-S Supplier: 7S813
SPL-1884	Pin - Lockout, Retractable Tail Skid Fwd and Aft Lock Link Part #: J32071-10 Supplier: 81205
SPL-1942	Plugs - Vent, Vacuum Waste System Part #: A38001-22 Supplier: 81205 Opt Part #: A38001-16 Supplier: 81205
SPL-1951	Plug - Waste Water Drain Mast Part #: C38001-29 Supplier: 81205 Opt Part #: C38001-23 Supplier: 81205
STD-1151	Hardware - NLG, Downlock Pin Safety (1 - Bolt, NAS6603-12; 1 - Washer, NASM15795-818; 1 - Nut, NASM21044C3)
STD-1152	Hardware - MLG, Downlock Pin Safety (4 - Bolt, NAS6603-12; 4 - Washer, NASM15795-820; 4 - Nut, NASM21044C3)

D. Consumable Materials

Reference	Description	Specification
C00174	Compound - Corrosion Preventive, Solvent Cutback, Cold Application	MIL-PRF-16173 (Supersedes MIL-C-16173)
D00013	Grease - Aircraft And Instrument Grease	MIL-PRF-23827 (NATO G-354) (Supersedes MIL-G-23827)
D00070	Fluid - Hydraulic, Petroleum Base	MIL-PRF-5606 (Replaces MIL-H-5606)
D00106	Fluid - Hydraulic, Petroleum Base, For Preservation And Operation	MIL-PRF-6083 (NATO C-635)
D00467	Fluid - Landing Gear Shock Strut	BMS3-32 Type II
D00510	Lubricant - Landing Gear Shock Strut Additive - Lubrizol 1395	
D00633	Grease - Aircraft General Purpose	BMS3-33
D50022	Fluid - Landing Gear Shock Strut (Specifically For Preservation)	BMS3-32 Type I
G00034	Cotton Wiper - Process Cleaning Absorbent Wiper (Cheesecloth, Gauze)	BMS15-5 Class A
G00087	Fabric, Insulation Covering (Self-Extinguishing)	BMS8-142
G00452	Additive, Fuel - Biobor JF	

(Continued)

Reference	Description	Specification
G02219	Tape - Yellow Vinyl Adhesive, Scotch Brand No.471, 1.5 Inches (38.1 mm) Wide	
G02321	Tape - Vinyl	BAC5034-4 Type VII Class 1
G02347	Biocide - Fuel - Kathon FP1.5	
G02443	Tape - Barricade, Non-Adhesive, Orange, 3 (76 mm) Inches Wide, 4 mils (0.102 mm) Thick, "REMOVE BEFORE FLIGHT"	
G02444	Tag - Red Paper, "STATIC PORTS COVERED" - 3 inches (76.2 mm) Wide, 6 inches (152.4 mm) Long	
G02447	Tag - Red Paper, "PITOT PROBES COVERED" - 3 inches (76.2 mm) Wide, 6 inches (152.4 mm) Long	
G50018	Fabric - Polymer Coated, Flame Resistant, Flexible Cargo Liner	BMS8-343 Type I
G50330	Fabric - Insulation Covering, Flame Propagation Resistant	BMS8-377

E. External Surfaces (Fuselage, Wing, Horizontal and Vertical Stabilizers)

SUBTASK 10-11-02-040-001

(1) Make sure that these circuit breakers are open and have safety tags:

Left Power Management Panel, P110

Row	Col	Number	Name
D	25	C30411	TAT PROBE HTR
D	26	C30409	AOA PROBE HTR L
G	5	C30405	PH B PITOT PROBE HTR L
H	6	C30424	PH C PITOT PROBE HTR L
M	25	C30624	PROBE/VANE HTR CTRL L

Right Power Management Panel, P210

Row	Col	Number	Name
D	1	C30408	AOA PROBE HTR R
D	5	C30404	PH B PITOT PROBE HTR R
E	4	C30423	PH C PITOT PROBE HTR R
E	20	C30406	PH B PITOT PROBE HTR C
G	26	C30425	PH C PITOT PROBE HTR C
L	10	C30623	PROBE/VANE HTR CTRL R

SUBTASK 10-11-02-480-035

(2) Attach a "PITOT PROBES COVERED" tag, G02447 to the left control wheel in the flight deck, do this task: Park the Airplane (Normal Parking), TASK 10-11-01-580-804.

SUBTASK 10-11-02-480-018

(3) Attach a "STATIC PORTS COVERED" tag, G02444 to the left control wheel in the flight deck, do this task: Park the Airplane (Normal Parking), TASK 10-11-01-580-804.

SUBTASK 10-11-02-480-034

(4) Attach a red tag with wire to the top of the left control wheel in the flight deck.

(a) Write “AOA SENSORS COVERED” on the tag.

SUBTASK 10-11-02-480-015

WARNING WHEN THE PITOT PROBES ARE COVERED, MAKE SURE THAT CONDITION IS VISIBLE FROM THE GROUND. IN ADDITION, ATTACH A TAG TO THE LEFT CONTROL WHEEL IN THE FLIGHT DECK AS A REMINDER THAT PITOT PROBES ARE COVERED. FAILURE TO OBSERVE AND REMOVE COVERS OVER PITOT PROBES BEFORE FLIGHT MAY CAUSE LARGE ERRORS IN AIRSPEED-SENSING AND ALTITUDE-SENSING SIGNALS, WHICH MAY LEAD TO LOSS OF SAFE FLIGHT.

CAUTION WHENEVER AN OPENING IS COVERED, MAKE SURE THAT CONDITION IS VISIBLE FROM THE GROUND. ENGINES SHOULD NOT BE OPERATED WITH COVERS IN PLACE BECAUSE THE COVERS CAN COME OFF AND DAMAGE THE ENGINES.

CAUTION MAKE SURE THE PROBE COVER IS IN GOOD WORKING CONDITION WITH NO EVIDENCE OF DAMAGE, ESPECIALLY FRAYING AROUND THE COVER OPENING. FRAYED FIBERS FROM THE COVER COMBINED WITH OTHER SUBSTANCES SUCH AS DIRT, GREASE AND FLUIDS CAN CAUSE OBSTRUCTION IN THE PROBE.

(5) Install the pitot static probe cover, COM-2497 on the pitot probes (4 locations).

NOTE: The pitot probes are located on the forward external part of the airplane.

NOTE: Attach the pitot probe streamers to the fuselage with tape to prevent abrasion damage to the skin and the painted surface.

SUBTASK 10-11-02-480-017

WARNING WHEN THE STATIC PORTS ARE COVERED, MAKE SURE THAT CONDITION IS VISIBLE FROM THE GROUND. IN ADDITION, ATTACH A TAG TO THE LEFT CONTROL WHEEL IN THE FLIGHT DECK AS A REMINDER THAT STATIC PORTS ARE COVERED. FAILURE TO OBSERVE AND REMOVE COVERINGS OVER STATIC PORTS BEFORE FLIGHT MAY CAUSE LARGE ERRORS IN AIRSPEED-SENSING AND ALTITUDE-SENSING SIGNALS, WHICH MAY LEAD TO LOSS OF SAFE FLIGHT.

CAUTION WHENEVER AN OPENING IS COVERED, MAKE SURE THAT CONDITION IS VISIBLE FROM THE GROUND. ENGINES SHOULD NOT BE OPERATED WITH COVERS IN PLACE BECAUSE THE COVERS CAN COME OFF AND DAMAGE THE ENGINES.

(6) Install the static port covers on all of the static ports using orange barricade tape 3 inches wide, 4 mils thick, that has "REMOVE BEFORE FLIGHT" printed on it in black letters, and 3M No. 471 yellow vinyl adhesive tape. The procedure for attaching the static port covers to the airplane is given in Normal Parking - Maintenance Practices, do this task: Park the Airplane (Normal Parking), TASK 10-11-01-580-804.

SUBTASK 10-11-02-620-102

(7) Cover the angle-of-attack (AOA) sensors (Figure 201, Figure 202).

(a) Use a piece of fabric, G50330 sheeting to cover each of the AOA sensors.

(b) Attach a 4 ft (1 m) piece of barricade tape, G02443 to a piece of fabric, G50330.

(c) Put the fabric sheeting along the upper edge of the AOA sensor.

1) Make sure that the edge of the fabric on the upper edge of the AOA sensor is opposite of the end with the piece of barricade tape.

(d) Put one piece of Scotch Brand No.471 tape, G02219 on the upper edge of the fabric sheeting.

(e) Put a piece of Scotch Brand No.471 tape, G02219 on each vertical edge of the fabric sheeting.

1) Overlap the vertical pieces of tape on top of the first strip of tape along the upper edge.

(f) Put a piece of Scotch Brand No.471 tape, G02219 horizontally over the cabric sheeting below the AOA sensor.

1) Overlap the two vertical strips of tape.

SUBTASK 10-11-02-480-019

(8) Install covers on the following components:

(a) Ice detector

(b) Temperature probe

SUBTASK 10-11-02-620-032

(9) Prepare the fuselage for storage.

NOTE: If the storage time will be less than two months, no external protection of the fuselage is necessary. This is if there are no unusual weather conditions and the atmospheric contamination does not cause damage to the external surface of the airplane.

NOTE: If unusual environmental contamination such as industrial pollutants are found, the fuselage must be washed each 7 day cycle (each week).

(a) Wash the airplane if it is necessary, do this task: Clean (Wet Wash) the External Surfaces of the Airplane, TASK 12-25-01-100-801.

NOTE: Wash/clean the airplane to get a good surface condition to check the fuselage for leaks, corrosion, staining, or other deterioration.

1) If corrosion is found, remove the corrosion, do this task: Corrosion Removal and Control, TASK 51-21-03-100-801.

2) If stains are found, remove the stains.

NOTE: Stains are the discoloration of the surface. Oil and other liquids can mix with dust particles and unwanted material and can cause damage to the airplane finish. Rain streaked dust that has collected is not dangerous unless the dust contains pollutants that can cause corrosion and damage to the airplane finish.

a) To remove the stains, wash the area or polish the airplane with approved polishes, do this task: Polish the External Surfaces of the Airplane, TASK 12-25-01-100-802.

3) Remove stains, dirt, oil, fuel spills, and other contaminants in the locations of the engines: APU, landing gear, wheel wells, overboard drains, and air conditioning pack exhausts.

SUBTASK 10-11-02-210-005

(10) Inspect all wing and empennage composite panels to see if the paint is satisfactory.

NOTE: When you find the paint chipping or peeling, the surfaces must be repainted or covered. This is to protect them from Ultra Violet (UV) radiation.

F. Landing Gear

SUBTASK 10-11-02-620-034

(1) Prepare the landing gear systems for storage.

(a) Install the wheel chocks, COM-1505 on the main landing gear wheels, do this task: Chock Installation in Winds or Wind Gusts to a Maximum of 35 Knots, TASK 10-11-05-500-801.

(b) Release the parking brakes.

(c) Install all NLG and MLG down lock pins.

1) NLG downlock pin safety hardware, STD-1151

2) MLG downlock pin safety hardware, STD-1152

(d) Make sure the shock strut of the nose landing gear is serviced correctly, do these tasks: Nose Landing Gear Shock Strut Servicing, TASK 12-15-02-610-805-002.

(e) Make sure the shock struts of the main landing gear are serviced correctly, do these tasks: Main Landing Gear Shock Strut Servicing, TASK 12-15-01-610-810.

(f) Examine the steel components of the landing gear for corrosion.

1) Remove the corrosion when you find it, do this task: Corrosion Removal and Control, TASK 51-21-03-100-801.

2) Apply a protection layer of grease, D00013 to the cleaned surface.

(g) Lubricate all the lubrication points on the landing gear.

1) Do this task: Nose Landing Gear and Actuating Mechanism's Upper Components Lubrication, TASK 12-21-12-640-802.

2) Do this task: Nose Landing Gear and Actuating Mechanism's Lower Components Lubrication, TASK 12-21-12-640-801.

3) Do these tasks: Upper Main Landing Gear and Actuating Mechanisms Lubrication, TASK 12-21-14-640-805-002.

4) Do these tasks: Lower Main Landing Gear and Actuating Mechanisms Lubrication, TASK 12-21-14-640-806-002.

5) Do these tasks: Main Landing Gear Support Beam Lubrication, TASK 12-21-11-640-802-002.

6) Do this task: Nose Landing Gear Doors and Actuating Mechanisms Lubrication, TASK 12-21-13-640-801.

7) Do these tasks: Main Landing Gear Doors and Actuating Mechanisms Lubrication, TASK 12-21-15-640-802-002.

CAUTION

DO NOT APPLY GREASE TO OTHER SURFACES. IF YOU APPLY GREASE TO OTHER SURFACES, THE GREASE CAN CAUSE DAMAGE.

(h) Extend the inner cylinder of the shock strut to approximately one half of its length.

(i) Butter lubricate the chrome area of the shock strut with grease, D00633.

(j) Lower the shock struts to force grease, D00633 into the inner cylinder.

NOTE: The grease, D00633 will keep the seals moist during storage.

(k) Remove any remaining grease, D00633 if the shock strut is to be completely deflated or if the airplane is to be moved.

(l) Apply a layer of corrosion preventive compound, C00174 on all landing gear parts that are not painted.

NOTE: Apply the protection to all the surfaces which are open to the weather.

1) Make sure you apply the corrosion preventive compound, C00174 again (if it is necessary) each time you wash the airplane.

(m) Operate the landing gear doors until you complete three full movements of travel.

(n) Put the landing gear doors in the closed position when the airplane is parked, do this task: Landing Gear Ground Door Release System Operation (Close the Doors), TASK 32-00-40-860-801.

(o) Make sure the tires are serviced to the correct pressure, do this task: Landing Gear Tire Servicing, TASK 12-15-03-610-801.

(p) Examine and repack the wheel bearings:

1) Do this task: Main Landing Gear Wheel and Tire Assembly Removal, TASK 32-45-01-000-801.

2) Do this task: Nose Landing Gear Wheel and Tire Assembly Removal, TASK 32-45-02-000-801.

3) Do this task: Main Landing Gear Wheel and Tire Assembly Installation, TASK 32-45-01-400-801.

4) Do this task: Nose Landing Gear Wheel and Tire Assembly Installation, TASK 32-45-02-400-801.

(q) If you think there will be a hard freeze and the tires will freeze to the ground, do the step that follows:

NOTE: This is not necessary if the airplane will not be moved during this time, and if the tires will be discarded.

1) Put coarse sand or a coarse fiber mat between the tires and the ground surface.

(r) Put covers on the wheels assemblies to prevent contamination and deterioration by the weather.

NOTE: It is possible the covers are not necessary when the airplane is stored in the hangar.

1) main landing gear wheels/brakes protective cover, COM-2500

2) nose landing gear wheels protective cover, COM-2519

(s) If the shock struts are serviced with pure fluid, D00070, or pure fluid, D00106, then service the shock struts with Lubrizol 1395 lubricant, D00510 per PAGEBLOCK 12-15-11/301.

NOTE: It is not necessary to drain and service the shock struts that are filled with fluid, D50022 or fluid, D00467.

ARO 001-004

G. Tail Skid

SUBTASK 10-11-02-630-033

(1) Retract the tail skid (Tail Skid System Operational Test, TASK 32-72-00-000-801).

(a) At the end of test, leave the tail skid in the retracted position.

(b) Install the tail skid lockout pin, SPL-1884, into the lock links for the tail skid to keep the tail skid in the retracted position.

(c) Move the landing gear control level to the DOWN position.

ARO ALL

H. Power Plant

SUBTASK 10-11-02-620-035

(1) Prepare the power plant systems for storage.

(a) Airplanes with General Electric engines, do this task: Preservation of An Engine (Task Selection), TASK 71-00-03-600-801-H01

I. APU

SUBTASK 10-11-02-620-036

(1) Prepare the auxiliary power unit (APU) for storage.

(a) Do this task: APU Preservation - Mild Environment, TASK 49-11-00-620-801.

(b) Do this task: APU Preservation - Severe Environment, TASK 49-11-00-620-802.

J. Electrical/Electronic

SUBTASK 10-11-02-620-037

(1) Prepare the electrical/electronic systems for storage.

(a) Put an electrical ground on the airplane.

1) Do this task: Static Grounding, TASK 20-41-00-910-801.

2) Do this task: Park the Airplane (Normal Parking), TASK 10-11-01-580-804.

(b) Put all switches in the OFF position.

NOTE: This does not include the switches used to deactivate the systems.

(c) If the engines and the APU will be operated at regular cycles, the items that follow must stay in the main equipment center:

1) Generator control units

2) Auxiliary generator control units

3) APU and Main batteries

4) Transformer Rectifier Units (left, right, C1 and C2)

5) Equipment Cooling System Controller

6) Static inverter

7) Bus power Control Units

8) AVM Monitor Unit (M132)

9) Access components (CMU, CIC, DCAS, Handset)

10) Electronic Control unit (APU) - E7

11) Fire Detection Cardfile

12) Electrical Systems Card File

13) Fuel Quantity System

14) Battery Chargers - APU and Main

(d) Open the circuit breakers for all electrical/electronic components that have been removed from the airplane.

NOTE: This will prevent the discharge of the battery.

(e) When the parking brake is set (such as for 24 hour parking) open the circuit breaker for the parking brake valve.

NOTE: This will prevent a drain on the battery.

NOTE: The circuit breakers for the Antiskid/Autobrake Control Unit must be opened first. This will prevent EICAS and BITE message errors.

1) Make sure that this circuit breaker is open and has safety tag:

Overhead Circuit Breaker Panel, P11

Row	Col	Number	Name
A	22	C32615	LDG GEAR PARKING BRAKE VALVE

(f) Open all of the circuit breakers on the overhead circuit breaker panel.

(g) Open the circuit breakers on the main power distribution panels P110 and P210.

(h) Make sure the main battery is in the fully charged condition, do this task: Main Battery Charge Capacity - System Test, TASK 24-30-00-700-804.

(i) Disconnect the main battery, do this task: Disconnect Main Battery Power, TASK 24-31-01-020-801.

1) You can keep the main and the APU batteries connected if: you do a check of the battery charge, or the battery is fully charged each week.

NOTE: You can use the flight compartment indication to make a check of the battery condition.

(j) Disconnect the APU battery, do this task: Disconnect APU Battery Power, TASK 24-31-05-020-801.

K. Flight Compartment

SUBTASK 10-11-02-620-038

(1) Prepare the flight compartment equipment and related instrument systems for storage.

SUBTASK 10-11-02-480-020

(2) Make sure that these circuit breakers are open and have safety tags:

Left Power Management Panel, P110

Row	Col	Number	Name
H	6	C30424	PH C PITOT PROBE HTR L

Right Power Management Panel, P210

Row	Col	Number	Name
E	4	C30423	PH C PITOT PROBE HTR R
G	26	C30425	PH C PITOT PROBE HTR C

SUBTASK 10-11-02-620-068

(3) Put a white cloth or an equivalent material on the glareshield.

NOTE: If the airplane will be in storage for less than 30 days, you can put the white cloth on the glareshield. This as an alternative to the covers you put on the windows and windshield if the storage is more than 30 days. If a cloth is used, the cloth can only be removed during engine runs or while you tow the airplane.

L. Oxygen

SUBTASK 10-11-02-620-039

(1) Prepare the oxygen system for storage.

(a) Make sure the crew oxygen cylinders are not due for hydrostatic test when the airplanes is parked, do these tasks: Oxygen Cylinder Correct Installation and Condition Check, TASK 35-11-00-210-801.

(b) At the crew oxygen cylinder, close the shutoff valve.

(c) Attach a lockwire to hold the valve in this position Lockwire, Cotter Pins, and Lockrings - Installation, TASK 20-10-23-400-801.

(d) Make sure the portable oxygen cylinders are not due for hydrostatic test when the airplanes is parked, do this task: Portable Oxygen Cylinder Pressure and Condition Check, TASK 35-31-00-210-802.

(e) At the portable oxygen cylinders, close the shutoff valve.

M. Air Conditioning

SUBTASK 10-11-02-620-040

(1) Prepare the air conditioning system for storage.

(a) Remove the moisture from the water separator:

1) Do this task: Pressurize the Pneumatic System, TASK 36-00-00-860-802.

NOTE: Use the engines or the APU to pressurize the pneumatic system.

2) Do this task: Supply Conditioned Air with a Cooling Pack, TASK 21-00-00-800-803.

3) Put the FLT DECK TEMP selector on the AIR CONDITIONING module in the AUTO W position.

4) Make sure the target temperature on the synoptic page shows 85°F (29°C).

5) Put the CABIN TEMP selector on the AIR CONDITIONING module in the W position

6) Make sure the MASTER temperature on the synoptic page shows 85°F (29°C).

7) Operate the air conditioning packs for 10 minutes.

8) Do this task: Remove Conditioned Air Supplied by a Cooling Pack, TASK 21-00-00-800-804.

9) Do this task: Depressurize the Pneumatic System, TASK 36-00-00-860-801.

SUBTASK 10-11-02-600-013

(2) Do the steps that follow for the air conditioning external openings:

(a) Close the outflow valves of the cabin pressure control system, do this task: Cabin Pressure Control System - System Test, TASK 21-31-00-700-806-001.

(b) Seal the external openings to the air conditioning system that follow:

1) The outflow valve.

2) The over-pressure relief valve.

3) The air conditioning ram air inlet and exit.

4) The two ground air connect flanges.

5) The three pneumatic ground connect fittings.

6) The static sense port.

N. Hydraulic

SUBTASK 10-11-02-620-041

(1) Prepare the hydraulic system for storage.

(a) Do a check of the hydraulic system for leaks and make repairs if it is necessary. To do this, do this task: Main Hydraulic Systems External Leakage Check, TASK 29-11-00-200-804.

(b) Fill all the systems and the reservoirs with hydraulic fluid, do this task: Hydraulic Reservoir Fluid Level Check, TASK 12-12-01-610-801.

(c) Lubricate all bearings which have lubrication fittings on the Ram Air Turbine, do these tasks: Lubricate the Ram Air Turbine (RAT) Actuator, TASK 12-21-30-640-801 and Lubricate the Ram Air Turbine (RAT) Strut and Door Actuation Link, TASK 12-21-30-640-802.

(d) Service the hydraulic reservoirs and accumulators before each engine run, do this task: Hydraulic Reservoir Fluid Level Check, TASK 12-12-01-610-801.

1) If the engines are removed from the airplane, remove the pressure in the hydraulic reservoirs and accumulators .

(e) Fill the hydraulic pump gearbox pneumatic drive with oil, do this task: Add Oil to the Air-Driven Pump (ADP) Turbine Gearbox Assembly (TGA), TASK 12-13-05-610-801.

(f) Put covers on the turbine exhaust ports of the air driven hydraulic pumps.

O. Equipment and Furnishings

SUBTASK 10-11-02-620-042

(1) Prepare the equipment and furnishings for storage.

(a) Make sure you put protective covers on the internal furnishings.

(b) Make sure you put carpet runners in the aisles to protect the carpet from wear and dirt.

(c) Put a protective waterproof cover over the carpet near the main deck doors to protect the carpet.

(d) Install the cotton seat covers if the seats stay in the airplane when you park the airplane.

(e) Close the window shades if the seats and the carpet are not removed.

(f) Make sure all the tray carriers and waste containers are empty and clean.

(g) Make sure the airsick bag containers and used travel bag containers in the lavatories are empty and clean, do this task: Lavatory Waste Compartment Inspection, TASK 25-41-08-200-801.

(h) Make sure the galleys and toilets are in good condition.

(i) Remove the seats and the carpet in the flight compartment (if it is applicable), do this task: Captain and First Officer Seat Removal, TASK 25-11-01-000-801

, do this task: First Observer Seat - Removal, TASK 25-11-03-000-801

, do this task: Second Observer Seat - Removal, TASK 25-11-03-000-802.

NOTE: If the humidity in the parked airplane is controlled below 70 percent, the seat and carpet rugs can stay in the airplane.

(j) Remove the seats from the passenger compartment (if it is applicable).

NOTE: If the humidity in the parked airplane is controlled below 70 percent, the seats can stay in the airplane.

(k) Remove the carpet from the passenger compartment (if it is applicable).

NOTE: If the humidity in the parked airplane is controlled below 70 percent, the carpet rugs can stay in the airplane.

(l) For VIP airplanes; remove the leather seats and keep them in a climate controlled area when the airplane is not used for a VIP transport.

NOTE: Moisture and severe cold can cause damage to the leather seats.

(m) Put all the main entry doors in the manual mode and install the safety pins, do this task: Mode Select Mechanism Check, TASK 52-12-15-200-801.

(n) Remove the slide/raft assemblies, do this task: Door-Mounted Escape Slide Pack Removal, TASK 25-66-01-000-801.

NOTE: Do not remove the batteries for the lights or for the emergency locator beacon from the slide/raft assemblies.

(o) Remove the life vests, do these tasks: Life Vest Inspection, TASK 25-62-01-200-801.

P. Water and Waste

SUBTASK 10-11-02-620-043

(1) Prepare the water and waste system for storage.

(a) Drain the potable water system, do these tasks: Potable Water System - Drain, TASK 12-14-01-616-802.

NOTE: Make sure all of the system is empty.

(b) Disinfect the potable water system, do this task: Potable Water System - Disinfectant, TASK 38-10-00-600-801.

(c) Install the waste water drain mast plug, SPL-1951 on the drain mast.

(d) Drain and flush all of the waste tanks, do this task: Waste Tank Servicing, TASK 12-17-01-610-801.

NOTE: Make sure all of the system is empty.

(e) Install the vacuum waste vent plug, SPL-1942 in the overboard vent outlets.

Q. Flight Controls

SUBTASK 10-11-02-620-044

(1) Prepare the flight control systems for storage.

(a) Move the trailing edge flaps until the flaps complete one full movement of travel, do these tasks: Extend the Trailing Edge Flaps, TASK 27-51-00-860-804, Retract the Trailing Edge Flaps, TASK 27-51-00-860-805.

(b) Move the leading edge slats until the slaps complete one full movement of travel, do these tasks: Retract the Leading Edge Slats, TASK 27-81-00-860-805, Extend the Leading Edge Slats, TASK 27-81-00-860-804.

(c) Move the stabilizer trim until you complete one full movement of travel, do this task: Stabilizer System Test, TASK 27-41-00-700-801.

(d) Move the rudder trim until you complete one full movement of travel, do this task: Rudder Trim Test, TASK 27-21-00-700-803.

(e) Move the aileron trim until you complete one full movement of travel, do this task: Aileron Trim Test, TASK 27-11-00-700-804.

(f) Move the elevators until you complete three full movements of travel, do this task: Elevator Power Control Unit Test, TASK 27-31-00-700-801.

(g) Move the rudder until you complete three full movements of travel, do this task: Rudder Power Control Unit Test, TASK 27-21-00-700-801.

(h) Move the ailerons until you complete three full movements of travel, do this task: Aileron or Flaperon Power Control Unit (PCU) Test, TASK 27-11-00-740-801.

(i) Move the spoilers until you complete three full movements of travel, do this task: Spoiler Operational Test, TASK 27-61-00-700-801.

(j) Lubricate all the flight controls that follow with grease, D00013:

1) Do this task: Elevator Power Control Units (PCUs) - Lubrication, TASK 12-21-04-600-801.
2) Do this task: Lubricate the Elevator Hinges, TASK 12-21-04-600-802.
3) Do this task: Horizontal Stabilizer Ballscrew Actuator Assembly - Lubrication, TASK 12-21-05-600-801.
4) Do this task: Lubricate the Rudder Power Control Units (PCUs), TASK 12-21-06-600-801.
5) Do this task: Lubricate the Rudder and Rudder Tab Hinges, TASK 12-21-06-600-802.
6) Do this task: Lubricate the Aileron Power Control Units (PCUs), TASK 12-21-07-600-801.
7) Do this task: Lubricate the Aileron Hinges, TASK 12-21-07-600-802.
8) Do this task: Lubricate the Flaperon Hinges, TASK 12-21-07-600-804.
9) Do this task: Lubricate the Flaperon Power Control Units (PCUs), TASK 12-21-07-600-803.
10) Do this task: Inboard Slat Rollers and Pinion Bearing Lubrication, TASK 12-21-08-640-801.
11) Do this task: Outboard Slat Rollers and Pinion Bearing Lubrication, TASK 12-21-08-640-802.
12) Do this task: Inboard Leading Edge Torque Tube and Support Lubrication, TASK 12-21-08-640-804.
13) Do this task: Krueger Flap Drive Arm Bearing Lubrication, TASK 12-21-08-640-803.
14) Do this task: Trailing Edge Torque Tube and Torque Tube Support Lubrication, TASK 12-21-09-640-801.
15) Do this task: Inboard Flap, Inboard Support Mechanism Lubrication, TASK 12-21-09-640-803.
16) Do this task: Inboard Flap Inboard Transmission, Ballscrew and Gimbal Lubrication, TASK 12-21-09-640-802.
17) Do this task: Outboard Flap Outboard Transmission, Ballscrew and Gimbal Lubrication, TASK 12-21-09-640-804.
18) Do this task: Outboard Auxiliary Support Track and Carriage Lubrication, TASK 12-21-09-640-806.

19) Do this task: Inboard Flap, Outboard Support Mechanism Lubrication, TASK 12-21-09-640-808.

20) Do this task: Outboard Flap Inboard Transmission, Ballscrew and Gimbal Lubrication, TASK 12-21-09-640-810.

21) Do this task: Inboard Aft Flap Roller Lubrication, TASK 12-21-09-640-809.

22) Do this task: Inboard Auxiliary Support Track and Carriage Lubrication, TASK 12-21-09-640-812.

23) Do this task: Outboard Flap Inboard Support Mechanism Lubrication, TASK 12-21-09-640-811.

24) Do this task: Inboard Flap Outboard Transmission, Ballscrew and Gimbal Lubrication, TASK 12-21-09-640-807.

25) Do this task: Outboard Flap Outboard Support Mechanism Lubrication, TASK 12-21-09-640-805.

26) Do this task: Lubricate the Inboard Spoilers, TASK 12-21-10-600-801.

27) Do this task: Lubricate the Outboard Spoilers, TASK 12-21-10-600-802.

(k) Lubricate the control cables which are external to the fuselage pressurize area, do this task: Control Cable Lubrication, TASK 12-21-31-600-801.

(l) Make sure the drain holes for the flap and the flap fairing are open.

(m) Put all the flaps in the FULL UP position, do this task: Retract the Trailing Edge Flaps, TASK 27-51-00-860-805.

(n) Put all the slats in the FULL UP position, do this task: Retract the Leading Edge Slats, TASK 27-81-00-860-805.

(o) Put covers on the gust suppression transducer pressure ports that are on the vertical stabilizer.

1) Use the material fabric, G00087 or cargo liner, G50018 and tape, G02321 make the covers.

R. Fire Protection

SUBTASK 10-11-02-620-045

(1) Prepare the fire protection systems for storage.

(a) If the engines stay on the airplane, make sure the engine fire bottles are fully pressurized, do these tasks: Bottle Pressure Switch Operational Test, TASK 26-21-00-710-802.

(b) If the APU stays on the airplane, make sure the APU fire bottles are fully pressurized, do this task: Bottle Pressure Switch Operational Test, TASK 26-22-00-000-801.

(c) Make sure the fire extinguisher bottles and squibs in the cargo compartment are operational:

1) Select the 26 FIRE PROTECTION maintenance page from a multifunction display unit, do this task: Showing a Maintenance Page, TASK 31-61-00-800-804.

2) Make sure the cargo fire extinguishing system fire bottles have normal pressure.

S. Fuel

SUBTASK 10-11-02-620-046

(1) If the airplane will be stored for less than 1 year, do these steps to prepare the fuel system for storage.

NOTE: If the airplane will be stored for more than 365 days, one main fuel tank must be drained to check for corrosion before the fuel system is preserved (Prepare the Airplane for Storage for More Than 365 Days (1 Year), TASK 10-11-02-620-818).

NOTE: Biological contamination is from growth of bacteria and fungi. The micro-organisms are found in water deposits in the fuel systems. Growth of the organisms have a consistency of a "slime" or "mayonnaise" material that goes into the fuel. This can cause contamination in the airplane by plugging filters. It can also cause fuel quantity probe malfunctions, and corrosion of integral fuel tanks. The most effective control of biological contamination is to remove the water from the fuel system.

(a) Fill and keep all of the wing fuel tanks greater than 10% capacity.

WARNING DO NOT BREATHE FUMES FROM THE BIOCIDE FUEL ADDITIVE, OR TOUCH IT. READ THE MATERIAL SAFETY DATA SHEET (MSDS) FROM THE MANUFACTURER OF THE ADDITIVE. THE ADDITIVE CAN CAUSE INJURIES TO PERSONNEL, AND HEALTH PROBLEMS.

CAUTION DO NOT ADD MORE THAN THE MAXIMUM CONCENTRATION OF BIOCIDE. IF THE BIOCIDE CONCENTRATION IS HIGHER THAN THE MAXIMUM LIMIT, DAMAGE TO THE ENGINES CAN OCCUR.

(b) Make sure that there is biocide in the fuel, do this task: Biocide Treatment of Fuel Tanks - Metered Injection Cart, TASK 28-10-00-600-802.I.

NOTE: The fuel shall contain 270 parts per million by weight Biobor JF additive, G00452, or 100 parts per million by volumeKathon FP1.5 biocide, G02347. The preferred procedure to mix the additive is by metered injection into the flowing stream of fuel.

NOTE: Military fuels (JP-4, JP-5, and JP-8) contain FSII additive and no additional FSII additive is required.

(c) Drain all water that has collected in the sumps of the fuel tanks and the surge tanks, do this task: Fuel Tank Sump Drain Valve - Water Removal/Sampling, TASK 12-11-02-680-801

NOTE: After 24 hours drain the water again.

NOTE: This will prevent corrosion in the areas where water collects.

(d) Put covers on each fuel vent opening with cotton wiper, G00034 and use tape, G02321.

NOTE: Put covers on each vent opening with cheesecloth to make sure insects do not go into the vents.

1) Attach red flags to each installation.

(e) Look for signs of fuel leakage in the areas that follow:

NOTE: It is okay, if you see up to ten drops of fuel (while in storage) during a 24 hour period.

1) The APU fuel shroud

2) The center dry bay drain (if there is a center dry bay) at the fuel drain mast.

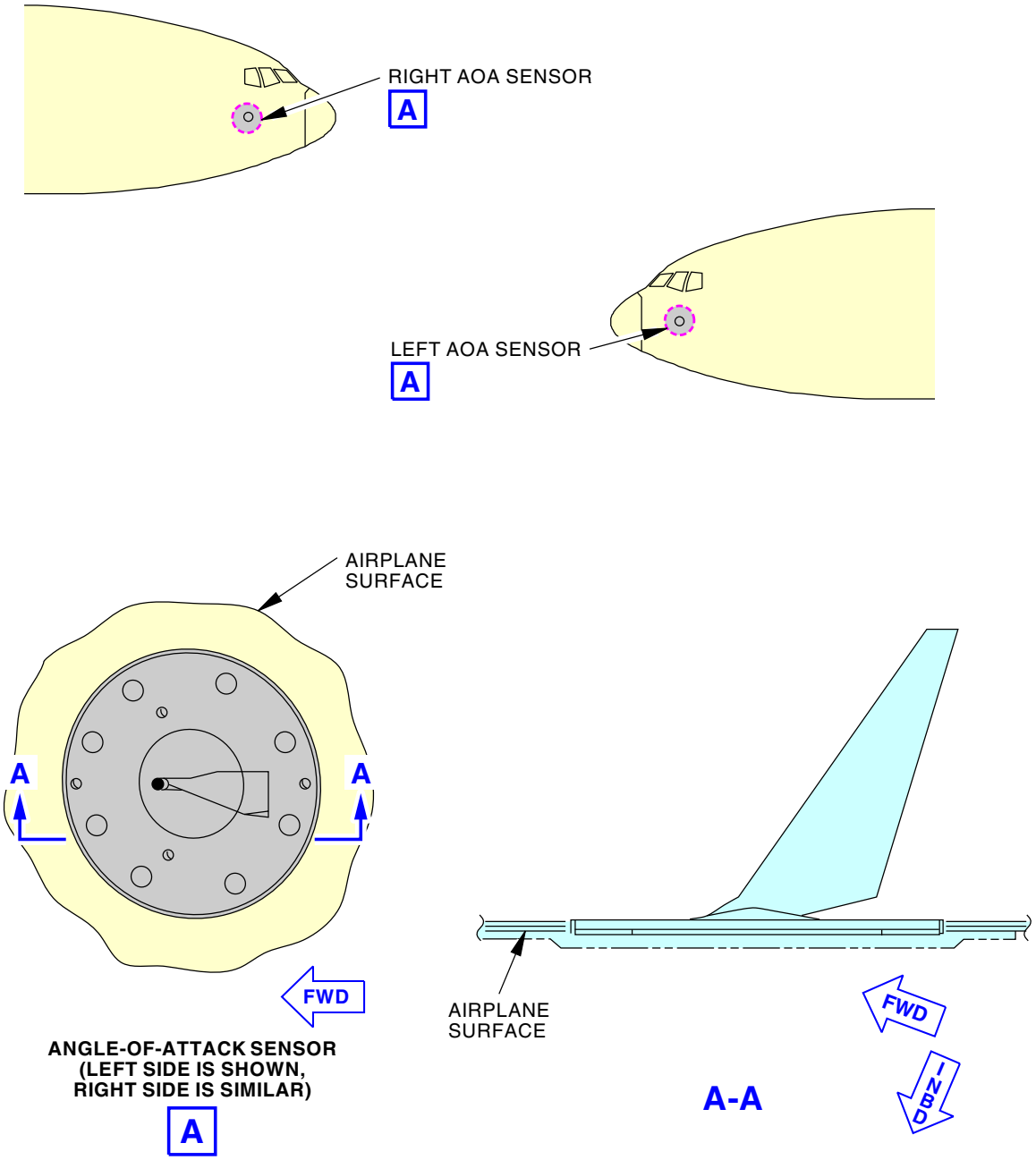
NOTE: This is located along the keel beam forward of the aft edge of the main landing gear door.

T. Nitrogen Generating System

SUBTASK 10-11-02-620-099

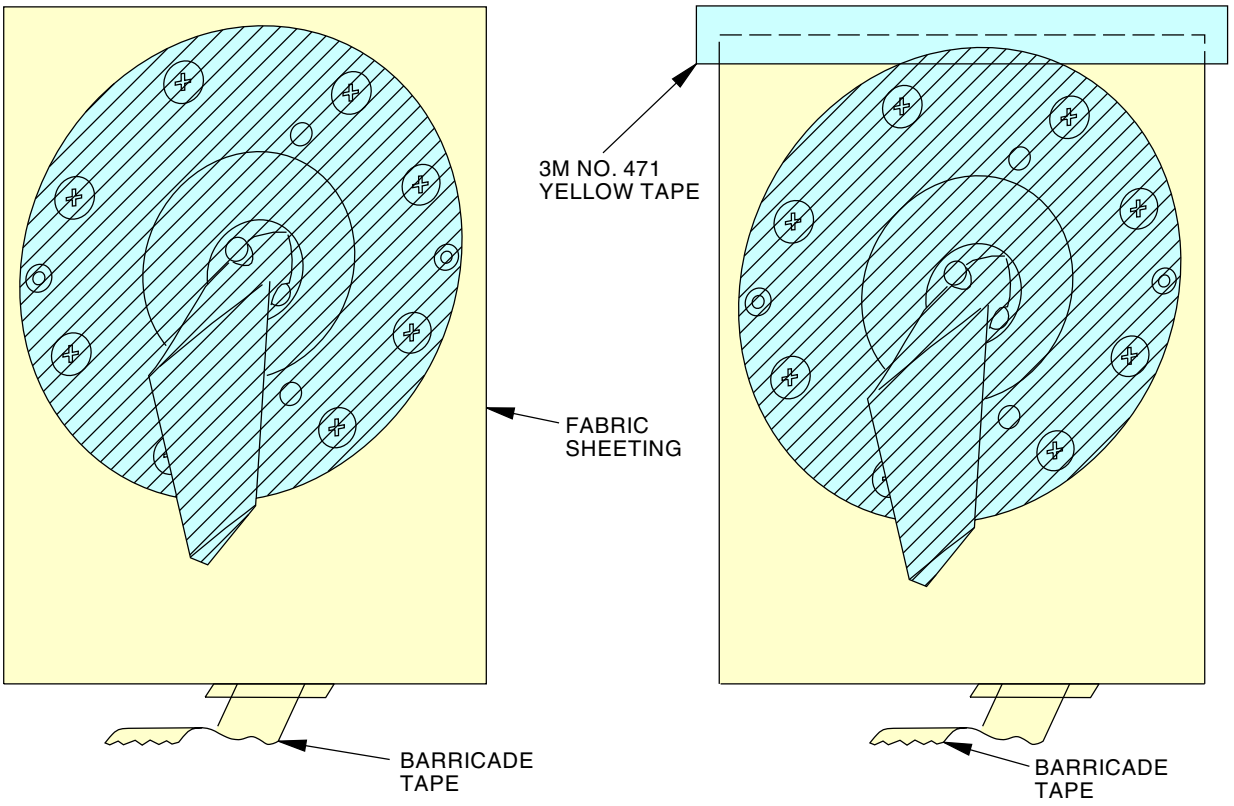
(1) Cover the dedicated ram inlet and outlet.

——— END OF TASK ———



2258690 S0000505761_V2

Angle-of-Attack - Component Locations
Figure 201/10-11-02-990-801

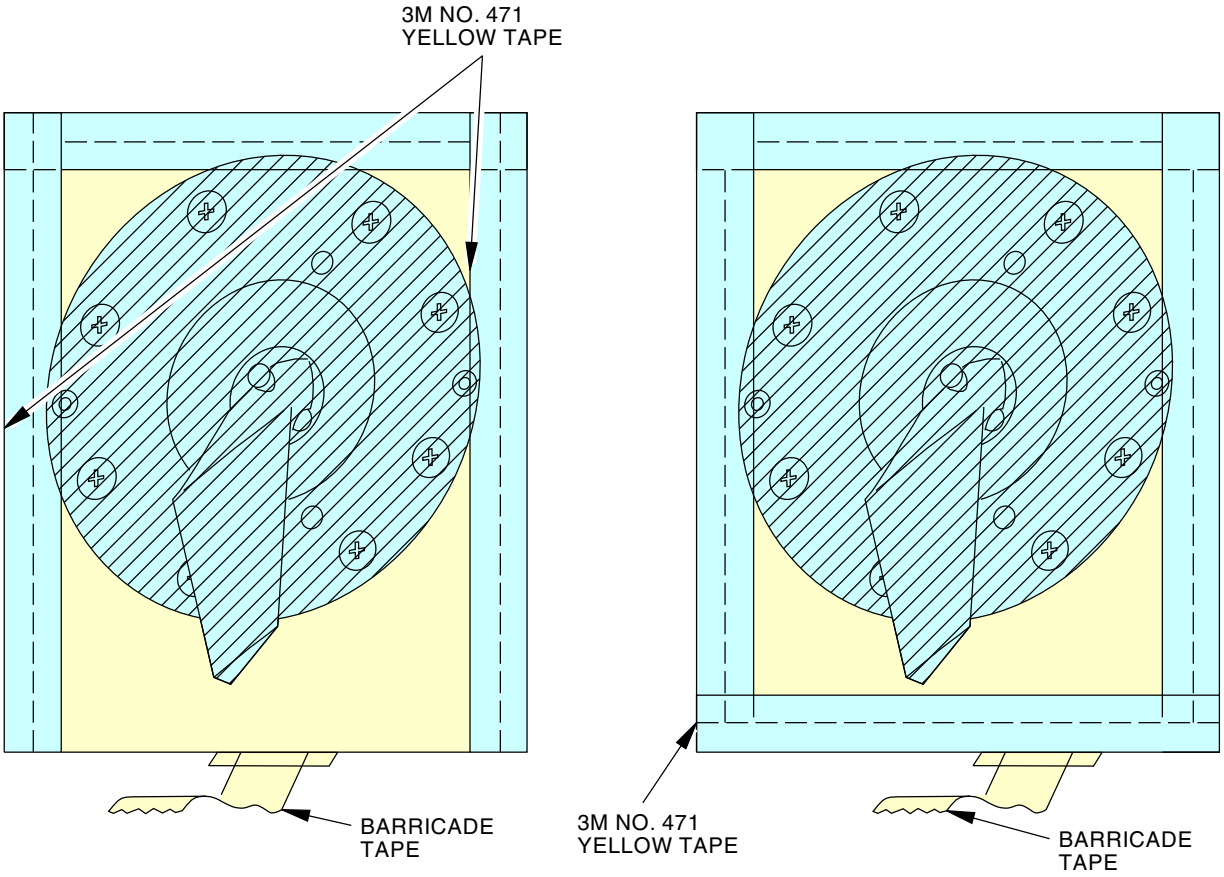


STEP 1
PUT THE FABRIC SHEETING OVER THE ANGLE-OF-ATTACK VANE WITH THE END WITH THE BARRICADE TAPE ATTACHED DOWN.

STEP 2
ATTACH THE TOP EDGE OF THE FABRIC SHEETING WITH VINYL ADHESIVE TAPE.

2258748 S0000505762_V2

Angle-of-Attack Vane Cover Procedure
Figure 202/10-11-02-990-802 (Sheet 1 of 2)



STEP 3
ATTACH THE FABRIC SHEETING WITH ONE PIECE OF VINYL TAPE ON EACH VERTICAL EDGE, OVERLAPPING THE HORIZONTAL AT THE TOP STRIP OF TAPE.

STEP 4
ATTACH THE FABRIC SHEETING ON THE LOWER EDGE WITH ONE PIECE OF VINYL TAPE, OVERLAPPING EACH VERTICAL STRIP OF TAPE.

2259081 S0000506509_V2

Angle-of-Attack Vane Cover Procedure
Figure 202/10-11-02-990-802 (Sheet 2 of 2)

TASK 10-11-02-620-819

4. Prepare the Airplane for Storage for More Than 30 Days (1 Month)

A. General

(1) This procedure is done at the start of the storage time.

(2) Do this procedure if you think the airplane will be stored for more than 30 days (1 Month).

(a) Also, do any additional procedures as necessary for the applicable storage time of your airplane.

B. References

Reference	Title
12-16-02-100-801	Flight Compartment Glass Window - Inner Surface Cleaning (P/B 301)
24-22-00-860-801	Supply Primary External Power (P/B 201)
24-30-00-700-804	Main Battery Charge Capacity - System Test (P/B 501)
24-35-01-000-801	Power Supply Assembly Removal (P/B 401)
24-35-02-000-801	FCDC Batteries Removal (P/B 401)
25-64-02-960-801	Megaphone Battery Replacement (P/B 201)
32-21-11-000-803	Nose Landing Gear Torsion Link Disconnection/Electrical Harness Storage (P/B 201)
32-51-00-720-802	Nose Landing Gear Steering System - Functional Test (P/B 501)
32-53-00-720-801	Main Landing Gear Steering System - Functional Test (P/B 501)
33-51-06-960-802	Power Supply - Battery Pack Replacement (P/B 201)
33-51-06-960-803	Power Supply - Power Supply Replacement (P/B 201)
52-12-19-000-802	Emergency Power Assist System (EPAS) Battery Pack Removal (PED 3) (P/B 401)
52-12-20-000-803-002	Emergency Power Assist System (EPAS) Battery Pack Removal (PED 1, 2, 4, 5) (P/B 401)
52-12-24-000-804	Over Wing Escape System Backup Battery Pack Removal (P/B 401)

C. Consumable Materials

Reference	Description	Specification
D00013	Grease - Aircraft And Instrument Grease	MIL-PRF-23827 (NATO G-354) (Supersedes MIL-G-23827)
D00153	Fluid - Hydraulic Fluid, Fire Resistant (Interchangeable And Intermixable With BMS 3-11 Type V)	BMS3-11 Type IV
G00291	Tape - Aluminum Foil, Scotch 425	AMS-T-23397 / L-T-80

D. Prepare the Airplane for Storage

SUBTASK 10-11-02-620-064

(1) Do this task: Prepare The Airplane For Storage for More Than 7 Days (1 Week), TASK 10-11-02-620-810.

E. Landing Gear

SUBTASK 10-11-02-620-065

(1) Do the preservation for the landing gear.

(a) Disconnect the torsion link on the nose landing gear, do this task: Nose Landing Gear Torsion Link Disconnection/Electrical Harness Storage, TASK 32-21-11-000-803.

1) Lubricate the bearing surfaces of the torsion link that show with grease, D00013.

(b) Use the procedures in Nose Landing Gear Steering System - Functional Test, TASK 32-51-00-720-802 to move the nose landing gear steering actuator.

1) Lubricate the steering hydraulic actuator pistons with hydraulic fluid, D00153.

(c) Use the procedures in Main Landing Gear Steering System - Functional Test, TASK 32-53-00-720-801 to move the main landing gear steering actuators.

1) Lubricate the steering hydraulic actuator pistons with hydraulic fluid, D00153.

F. Electrical/Electronic

SUBTASK 10-11-02-620-066

(1) Do the preservation for the electrical/electronic systems.

NOTE: Do not remove the batteries from the emergency radio beacons in the slide/raft covers and life rafts.

(a) Remove the megaphone battery: do this task: Megaphone Battery Replacement, TASK 25-64-02-960-801

(b) Remove the EPAS Exit Emergency Batteries:

NOTE: The Batteries will be reinstalled upon reactivation from storage.

1) Do this task: Emergency Power Assist System (EPAS) Battery Pack Removal (PED 1, 2, 4, 5), TASK 52-12-20-000-803-002.

(c) Remove the Overwing Exit Emergency Batteries:

NOTE: The Batteries will be reinstalled upon reactivation from storage.

1) Do this task: Emergency Power Assist System (EPAS) Battery Pack Removal (PED 3), TASK 52-12-19-000-802.

2) Do this task: Over Wing Escape System Backup Battery Pack Removal, TASK 52-12-24-000-804.

(d) Remove the emergency light batteries, do this task: Power Supply - Battery Pack Replacement, TASK 33-51-06-960-802.

1) You can keep the emergency light batteries installed during storage if you keep the circuit breakers for charging the emergency light batteries closed.

(e) Remove the batteries from the power supply module for the emergency lights, do this task: Power Supply - Battery Pack Replacement, TASK 33-51-06-960-802.

(f) Remove the batteries from the light modules at the main entry doors 1, 2, 3, 4, and 5 (if applicable), do this task: Power Supply - Power Supply Replacement, TASK 33-51-06-960-803.

(g) Open these circuit breakers and install safety tags:

Power Supply Assembly Center, M24301

Row	Col	Number	Name
D	8	CBD8-C	PFC BAT INTLK

Power Supply Assembly Left, M24101

Row	Col	Number	Name
D	8	CBD8-L	PFC BAT INTLK

Power Supply Assembly Right, M24201

Row	Col	Number	Name
D	8	CBD8-R	PFC BAT INTLK

(h) Remove the rack-mounted electronic PSAs, do this task: Power Supply Assembly Removal, TASK 24-35-01-000-801.

1) M24101 Left PSA located on the E1-6 equipment shelf.

2) M24201 Right PSA located on the E5-1 equipment shelf.

3) M24301 Center PSA located on the E2-6 equipment shelf.

(i) Remove the applicable electrical equipment rack-mounted flight control direct current (FCDC) batteries, do this task: FCDC Batteries Removal, TASK 24-35-02-000-801

1) M24102 Left FCDC battery located on the E1-6 equipment shelf.

2) M24202 Right FCDC battery located on the E5-2 equipment shelf.

3) M24302 Center FCDC battery located on the E2-5 equipment shelf.

(j) Make sure the E1, E2, and E5 electronic rack-mounted equipment is in good condition and has no corrosion.

(k) Put the electronic packages in plastic bags and keep then in a bonded area.

(l) Apply electrical power to all the electrical/electronic equipment remaining in the airplane for a minimum of 2 hours, do this task: Supply Primary External Power, TASK 24-22-00-860-801.

1) Make sure the main battery is in the fully charged condition, do this task: Main Battery Charge Capacity - System Test, TASK 24-30-00-700-804.

G. Flight Compartment

SUBTASK 10-11-02-620-067

(1) Cover the flight compartment windows.

(a) Wash the flight compartment windows, do this task: Flight Compartment Glass Window - Inner Surface Cleaning, TASK 12-16-02-100-801.

(b) Put covers on the control cabin windows and the windshield.

1) Put aluminum foil tape or other reflective material (such as aluminized mylar) on the outside of the windshields and control cabin windows.

NOTE: If the Number 2 and Number 3 windows are covered with a reflective material, make sure the windows are clean. Also, protect the window surface with a soft cotton cloth or other applicable material.

NOTE: Do not put covers on the windshield that can cause heat to increase on the windshield.

2) Fasten the reflective material with Scotch 425 Aluminum Foil Tape, G00291.

NOTE: Put the reflective material so the reflective side is open to the outside air.

END OF TASK

TASK 10-11-02-620-815

5. Prepare the Airplane for Storage for More Than 60 Days (2 Months)

A. General

(1) This procedure is done at the start of the storage time.

(2) Do this procedure if you think the airplane will be stored for more than 60 days (2 months).

(a) Also, do any additional procedures as necessary for the applicable storage time of your airplane.

B. References

Reference	Title
12-25-01-100-801	Clean (Wet Wash) the External Surfaces of the Airplane (P/B 301)
51-03-02-100-801	Fuselage Drainage Cleaning (P/B 701)
51-21-04-620-801	Alodine 600, 1000, 1200, and 1200S Coating Application (P/B 701)
51-24-09-620-801	Prepare the Surface to Apply the Corrosion Inhibiting Compound (P/B 701)
51-24-09-620-802	Apply the Corrosion Inhibiting Compound (P/B 701)

C. Consumable Materials

Reference	Description	Specification
C00924	Coating - Alkaline Removable, Temporary Protective	BMS15-12 Type I
D00054	Fluid - Hydraulic Assembly Lubricant - MCS 352B (Formerly Monsanto MCS 352B)	
G00009	Compound - Organic Corrosion Inhibiting	BMS3-23
G00624	Bag - Plastic, General Purpose	
G02321	Tape - Vinyl	BAC5034-4 Type VII Class 1
G50626	Coating - Water Bourne, Alkaline Removable, Protective (Aztec Chemical Incorporated - AZ-649)	

D. Prepare the Airplane for Storage

SUBTASK 10-11-02-620-069

(1) Do this task: Prepare The Airplane For Storage for More Than 7 Days (1 Week), TASK 10-11-02-620-810.

(2) Do this task: Prepare the Airplane for Storage for More Than 30 Days (1 Month), TASK 10-11-02-620-819.

E. External Surfaces (Fuselage, Wing, Horizontal and Vertical Stabilizers)

SUBTASK 10-11-02-620-070

(1) Apply corrosion inhibiting compound, G00009 to all radome latch fittings.

SUBTASK 10-11-02-390-001

(2) Seal the fuselage openings.

(a) Apply tape, G02321 or equivalent, to the locations that follow:

NOTE: This is to make a seal so water does not go into the airplane.

1) All external doors

2) The upper half of the nose radome

3) All external hatches.

(b) Make sure you keep the doors and hatches closed.

(c) Cut a small water drain hole (approximately 3/8-inch diameter) in the lowest part of the tape seal on all entry doors and hatches.

(d) Make sure all of the structural drain holes are open, do this task: Fuselage Drainage Cleaning, TASK 51-03-02-100-801.

(e) Use tape, G02321 to put a screen material on the drain holes which are open to the environment.

SUBTASK 10-11-02-620-071

(3) Protect external metal surfaces that are unpainted.

(a) Remove any temporary protective coatings, do this task: Prepare the Surface to Apply the Corrosion Inhibiting Compound, TASK 51-24-09-620-801.

(b) Apply alodine to all unpainted aluminum surfaces if it is necessary, do this task: Alodine 600, 1000, 1200, and 1200S Coating Application, TASK 51-21-04-620-801.

(c) Apply coating, C00924 (preferred) or AZ 649 coating, G50626 to the unpainted metal surfaces.

NOTE: Unpainted surfaces of aircraft can be stored outside and uncovered for up to 6 months using BMS15-12 Type I, Class 1 coating material. Every 6 months, the material must be re-applied. When storing an aircraft outdoors for longer than 6 months, AZ 649 is the recommended coating material.

1) To apply the temporary protective coating, C00924, do the steps that follow:

a) Do not do this to the engine tail cones and other high-temperature parts.

NOTE: The paint burns off of the engine tail cones and other high-temperature parts.

b) Wash the surface to remove all oil, grease, fingerprints, dust, and other foreign material, do this task: Clean (Wet Wash) the External Surfaces of the Airplane, TASK 12-25-01-100-801.

NOTE: You can apply the temporary coating directly on the equivalent coating which was applied before.

c) To apply the coating as a spray (air or airless) to get a constant dry film thickness of 1.5 ±0.5 mils.

NOTE: The layer of coating must be smooth and continuous.

d) Before you touch the coating it must dry for 45 minutes (minimum) at room temperature.

e) Before you put things on the coating, it must dry for 16 Hours(minimum) at room temperature.

2) To apply AZ 649 coating, G50626, do this task: Apply the Corrosion Inhibiting Compound, TASK 51-24-09-620-802.

NOTE: Aztec 649 is environmentally approved for long term storage. It is necessary to cure Aztec 649 for a minimum of 48 hours before it rains, or there is dew. It can be cured faster with heat applied.

NOTE: Aztec 649 can lose it's color over time, but this is normal. You can do a thickness test to make sure the material is there.

a) Apply a 0.8 mil minimum film to all aluminum surfaces that are not painted, or do not have alodine.

F. Electrical/Electronic

SUBTASK 10-11-02-620-072

(1) Do the preservation for the electrical/electronic systems.

(a) Remove the batteries.

NOTE: Do not remove the batteries in the emergency radio beacons. These batteries are found in the slide/raft covers and the life raft. These batteries are only activated when they are touched by water.

1) Remove the flashlight batteries and other equivalent non-rechargeable batteries.

NOTE: Move these batteries to other areas, or other airplanes and install new batteries when the airplane is put back in service.

G. Oxygen

SUBTASK 10-11-02-620-059

(1) Do the preservation procedure for the oxygen system.

(a) Make sure the oxygen cylinder pressure stays above 50 psi.

(b) Make sure the portable and system oxygen bottles will not become due for hydrostatic test when the airplane is parked, during storage, or when the airplane will be released for service.

(c) When the oxygen cylinders are removed from the airplane do the steps that follow:

1) Remove the crew oxygen system masks and put them in a clean polyethylene plastic bag, G00624.

2) Put a plastic bag, G00624 on the hose connections for the crews oxygen masks .

3) Put a tag on the cylinder to show it is serviceable.

NOTE: This is if the cylinder pressure is more than 50 psi and the subsequent hydrostatic test date will not expire soon.

H. Hydraulic

SUBTASK 10-11-02-620-058

CAUTION

CHECK LANDING GEAR STRUTS FOR FLUID TYPE. ON CYLINDERS SERVICED WITH SKYDROL, THE CHROME MUST BE WIPED WITH SKYDROL MOIST RAG ONLY. ON CYLINDERS SERVICED WITH 5606, THE CHROME MUST BE WIPED WITH 5606 OIL MOIST RAG ONLY.

(1) Do the preservation procedure for the hydraulic system.

(a) Clean and apply a layer of MCS 352B fluid, D00054 to all of the finished surfaces on the actuator rods which are open to the outside air.

NOTE: It is not necessary to apply grease again to the actuators that were cycled and lubricated in Prepare The Airplane For Storage for More Than 7 Days (1 Week), TASK 10-11-02-620-810.

(b) Clean and apply a layer of MCS 352B fluid, D00054 to all of the finished surfaces on the valve slides which are open to the outside air.

NOTE: It is not necessary to apply grease again to the actuators that were cycled and lubricated in Prepare The Airplane For Storage for More Than 7 Days (1 Week), TASK 10-11-02-620-810.

I. Equipment and Furnishings

SUBTASK 10-11-02-620-055

(1) Do the preservation procedure for the equipment and furnishings.

(a) Open the cabinets, closets, and interior doors to supply ventilation and to prevent mildew.

(b) Put desiccant bags in the airplane to absorb moisture.

——— END OF TASK ———

TASK 10-11-02-620-817

6. Prepare the Airplane for Storage for More Than 180 Days (6 Months)

A. General

(1) This procedure is done at the start of the storage time.

(2) Do this procedure if you think the airplane will be stored for more than 180 days (6 months).

(a) Also, do any additional procedures as necessary for the applicable storage time of your airplane.

B. Consumable Materials

Reference	Description	Specification
D00013	Grease - Aircraft And Instrument Grease	MIL-PRF-23827 (NATO G-354) (Supersedes MIL-G-23827)
D00633	Grease - Aircraft General Purpose	BMS3-33

C. Prepare the airplane for storage

SUBTASK 10-11-02-620-073

(1) Do this task: Prepare The Airplane For Storage for More Than 7 Days (1 Week), TASK 10-11-02-620-810.

(2) Do this task: Prepare the Airplane for Storage for More Than 30 Days (1 Month), TASK 10-11-02-620-819.

(3) Do this task: Prepare the Airplane for Storage for More Than 60 Days (2 Months), TASK 10-11-02-620-815.

D. Landing Gear

SUBTASK 10-11-02-600-009

(1) Do the preservation procedure for the landing gear

(a) Lubricate the surfaces of the up-lock hooks of the main landing gear doors with grease, D00633.

(b) Lubricate the surfaces that follow with grease, D00013:

- The main gear forward and aft trunnion spherical bearings
- The aft trunnion pin

——— END OF TASK ———

TASK 10-11-02-620-818

7. Prepare the Airplane for Storage for More Than 365 Days (1 Year)

A. General

(1) This procedure is done at the start of the storage time.

(2) Do this procedure if you think the airplane will be stored for more than 365 days (1 year).

(a) Also, do any additional procedures as necessary for the applicable storage time of your airplane.

B. References

Reference	Title
12-22-07-600-802	IDG Oil Change (P/B 301)
24-11-01-000-801-001	IDG Removal (P/B 401)
24-11-01-400-801-001	IDG Installation (P/B 401)
24-11-02-000-803-002	IDG Oil Filter Removal (P/B 401)
24-11-02-400-803-002	IDG Oil Filter Installation (P/B 401)
28-10-00-600-802	Biocide Treatment of Fuel Tanks - Metered Injection Cart (P/B 201)
28-11-00-300-801	Repair of Fuel Tank Corrosion (P/B 801)
28-11-00-650-801	Purging and Fuel Tank Entry Precautions (P/B 201)
28-11-01-000-801	Main Tank Access Door Removal (P/B 401)
28-11-01-400-801	Main Tank Access Door Installation (P/B 401)
28-11-05-000-801	Wing Dry Bay Access Door - Removal (P/B 401)
28-11-05-400-801	Wing Dry Bay Access Door Installation (P/B 401)
28-26-00-650-801	Pressure Defueling (P/B 201)

C. Consumable Materials

Reference	Description	Specification
G00009	Compound - Organic Corrosion Inhibiting	BMS3-23
G00452	Additive, Fuel - Biobor JF	
G02321	Tape - Vinyl	BAC5034-4 Type VII Class 1
G02347	Biocide - Fuel - Kathon FP1.5	
G50071	Compound - Corrosion Inhibiting, Heavy Duty	BMS3-35
G50074	Additive, Fuel System Icing Inhibitor (Diethylene Glycol Monomethyl Ether)	ASTM D4171 Type III

D. Prepare the Airplane for Storage

SUBTASK 10-11-02-620-074

(1) Do this task: Prepare The Airplane For Storage for More Than 7 Days (1 Week), TASK 10-11-02-620-810.

(2) Do this task: Prepare the Airplane for Storage for More Than 30 Days (1 Month), TASK 10-11-02-620-819.

(3) Do this task: Prepare the Airplane for Storage for More Than 60 Days (2 Months), TASK 10-11-02-620-815.

(4) Do this task: Prepare the Airplane for Storage for More Than 180 Days (6 Months), TASK 10-11-02-620-817.

E. Electrical Power

SUBTASK 10-11-02-020-001

(1) If you store the Integrated Drive Generator (IDG) off-wing, do the steps that follow to preserve the IDG.

NOTE: It is preferred to store the IDG off-wing. Hamilton Sundstrand CSDs and IDGs have an unlimited shelf life when packaged and stored off-wing. Refer to the Hamilton Sundstrand Standard Practices Manual (24-10-00) for packaging and storage procedures for the IDG.

(a) Do this task: IDG Removal, TASK 24-11-01-000-801-001.

SUBTASK 10-11-02-620-100

(2) If you store the IDG on-wing, do the steps that follow to preserve the IDG.

(a) Inspect the external surfaces of fthe IDG for missing paint.

1) If there is missing paint, re-paint the area.

NOTE: See the Hamilton Sundstrand Standard Practices Manual for painting procedures.

(b) Preserve the input pad area of the IDG.

1) Remove the IDG to gain access to the input pad area.

a) Do this task: IDG Removal, TASK 24-11-01-000-801-001.

2) Mask the areas within the perimeter of the input pad that follow.

a) Input spline.

b) O-ring.

c) Input seal area.

d) Valves.

e) Make sure that you do not remove the input flange, gasket, or screws.

3) Apply MIL-C-85054 to the input face and input pad area.

4) Re-install the IDG.

a) Do this task: IDG Installation, TASK 24-11-01-400-801-001.

(c) Perform an oil and filter change.

1) Remove the oil filter, do this task: IDG Oil Filter Removal, TASK 24-11-02-000-803-002.

2) Install a new oil filter, do this task: IDG Oil Filter Installation, TASK 24-11-02-400-803-002.

3) Service the oil, do this task: IDG Oil Change, TASK 12-22-07-600-802.

(d) Open the input pad seal drains.

NOTE: This is to allow any drainage of fluid buildup due to condensation or collection of engine washing fluids.

F. Fuel

SUBTASK 10-11-02-620-061

(1) Do the preservation procedure for the fuel tanks.

WARNING BIOBOR JF, KATHON, AND DIEGME ARE POISONOUS. IF YOU BREATHE THE FUME OR TOUCH THE BIOCIDE, IT CAN CAUSE INJURY TO YOU.

(a) Drain the fuel from one main fuel tank, do this task: Pressure Defueling, TASK 28-26-00-650-801.

(b) Open the drained fuel tank, do this task: Main Tank Access Door Removal, TASK 28-11-01-000-801.

(c) Remove the remaining fuel from the opened fuel tank, do these tasks: Purging and Fuel Tank Entry Precautions, TASK 28-11-00-650-801.

(d) Examine the fuel tank and the fuel lines for corrosion, do this task: Repair of Fuel Tank Corrosion, TASK 28-11-00-300-801.

(e) If corrosion was found in the tank, you must drain all of the other tanks, do this task: Pressure Defueling, TASK 28-26-00-650-801.

1) Open all of the tanks, do this task: Main Tank Access Door Removal, TASK 28-11-01-000-801.

2) Remove the fuel from all of the tanks, do this task: Pressure Defueling, TASK 28-26-00-650-801.

3) Examine the tanks and the fuel lines for corrosion, do this task: Repair of Fuel Tank Corrosion, TASK 28-11-00-300-801.

(f) If the fuel tank and the fuel lines contain corrosion, refer to MRB instructions to make repairs.

(g) Open the wing dry bay areas, do this task: Wing Dry Bay Access Door - Removal, TASK 28-11-05-000-801.

(h) Examine the wing dry bay areas for corrosion.

1) If corrosion is found, remove the corrosion, do this task: Repair of Fuel Tank Corrosion, TASK 28-11-00-300-801.

a) Apply corrosion inhibiting compound, G50071 (preferred), or corrosion inhibiting compound, G00009 (optional), as necessary.

(i) Close the wing dry bay areas that were opened, do this task: Wing Dry Bay Access Door Installation, TASK 28-11-05-400-801.

(j) Close the fuel tanks, do this task: Main Tank Access Door Installation, TASK 28-11-01-400-801.

(k) Fill and keep all of the wing fuel tanks greater than 10% capacity.

WARNING BIOBOR JF, KATHON, AND DIEGME ARE POISONOUS. IF YOU BREATHE THE FUME OR TOUCH THE BIOCIDE, IT CAN CAUSE INJURY TO YOU.

(WARNING PRECEDES)

CAUTION BE CAREFUL WHEN YOU PUT ADDITIVES INTO THE FUEL SINCE THE CONCENTRATIONS MORE THAN THE RECOMMENDED LEVELS. IT CAN CAUSE DAMAGE TO THE AIRCRAFT.

(l) Make sure that there is biocide in the fuel (TASK 28-10-00-600-802).

NOTE: The fuel shall contain 270 parts per million by weight Biobor JF additive, G00452, or 100 parts per million by volume Kathon FP1.5 biocide, G02347. The preferred procedure to mix the additive is by metered injection into the flowing stream of fuel.

NOTE: Fuel System Icing Inhibitor (FSII) is also a biocide and can be used in place of Biobor JF or Kathon FP1.5. Use DIEGME additive, G50074, at a concentration 0.10 to 0.15 per cent of volume.

NOTE: Military fuels (JP-4, JP-5, and JP-8) contain FSII additive and no additional FSII additive is required.

NOTE: The fuel additive will prevent sealant deterioration in the fuel tanks.

NOTE: Mix the additive fully, in an open area away from airplane before it is fueled. This will prevent high local concentrations of biocide.

(m) Turn on all fuel boost pumps and override pumps and operate them until the low pressure lights on the P5 overhead panel turn off.

NOTE: When you operate the pumps, it causes the pumps to be purged with new fuel.

(n) Put a woven screen mesh material over both surge tank vent openings and the center dry bay opening.

NOTE: A synthetic filament material is preferred, and cheese cloth is optional.

1) Use tape, G02321, or an equivalent to hold the material over the openings to prevent the entry of insects into the lines.

2) Attach red flags to the screen material on each opening.

——— END OF TASK ———

TASK 10-11-02-620-811

8. Service and Protection on 7 Day (1 Week) Cycles

A. General

(1) This task is done throughout the storage time.

B. References

Reference	Title
12-25-01-100-801	Clean (Wet Wash) the External Surfaces of the Airplane (P/B 301)
12-25-01-100-802	Polish the External Surfaces of the Airplane (P/B 301)
24-31-01-020-801	Disconnect Main Battery Power (P/B 201)
24-31-01-420-801	Restore Main Battery Power (P/B 201)
24-31-05-020-801	Disconnect APU Battery Power (P/B 201)
24-31-05-420-801	Restore APU Battery Power (P/B 201)
49-11-00-860-804	APU Starting and Operation (P/B 201)
51-21-03-100-801	Corrosion Removal and Control (P/B 701)

C. All Areas

SUBTASK 10-11-02-210-012

(1) Do the following for all areas of the airplane.

(a) Make sure all protective coverings are still installed correctly. Reinstall the protective coverings where required.

D. External Surfaces (Fuselage, Wing, Horizontal and Vertical Stabilizers)

SUBTASK 10-11-02-100-003

(1) Do the preservation for the external surfaces.

(a) If unusual environmental contamination such as industrial pollutants are found, the fuselage must be washed. Do this task: Clean (Wet Wash) the External Surfaces of the Airplane, TASK 12-25-01-100-801.

1) If corrosion is found, remove the corrosion, do this task: Corrosion Removal and Control, TASK 51-21-03-100-801.

2) If stains are found, remove the stains.

NOTE: Stains are the discoloration of the surface. Oil and other liquids can mix with dust particles and unwanted material and can cause damage to the airplane finish. Rain streaked dust that has collected is not dangerous unless the dust contains pollutants that can cause corrosion and damage to the airplane finish.

a) To remove the stains, wash the area or polish the airplane with approved polishes, do this task: Polish the External Surfaces of the Airplane, TASK 12-25-01-100-802.

3) Remove the stains, dirt, oil, fuel spills, and other contaminants in the locations of the engines: APU, landing gear, wheel wells, overboard drains, and air conditioning pack exhausts.

4) If the airplane is washed, lubricate the landing gear components after washing.

(b) If more than 8 inches of snow has accumulated on the airplane, remove the snow.

E. APU

SUBTASK 10-11-02-868-001

(1) If the APU was not preserved, do these steps to operate the APU.

(a) Reconnect the Main and APU batteries. Do these tasks:

- Restore Main Battery Power, TASK 24-31-01-420-801
- Restore APU Battery Power, TASK 24-31-05-420-801

(b) Operate the APU, do this task: APU Starting and Operation, TASK 49-11-00-860-804.

(c) Make sure the main battery is fully charged.

(d) Disconnect the Main and APU batteries. Do these tasks:

- Disconnect Main Battery Power, TASK 24-31-01-020-801
- Disconnect APU Battery Power, TASK 24-31-05-020-801

END OF TASK

TASK 10-11-02-620-812

9. Service and Protection on 14 Day (2 Week) Cycles

A. General

(1) This task is done throughout the storage time.

B. References

Reference	Title
12-15-03-780-801	Landing Gear Tire Pressure Check (P/B 301)
12-25-01-100-801	Clean (Wet Wash) the External Surfaces of the Airplane (P/B 301)
12-25-01-100-802	Polish the External Surfaces of the Airplane (P/B 301)
24-22-00-860-805	Supply Electrical Power (P/B 201)
24-31-01-020-801	Disconnect Main Battery Power (P/B 201)
51-21-03-100-801	Corrosion Removal and Control (P/B 701)

C. Service and Protection

SUBTASK 10-11-02-620-075

(1) Do this task: Service and Protection on 7 Day (1 Week) Cycles, TASK 10-11-02-620-811.

D. External Surfaces (Fuselage, Wing, Horizontal and Vertical Stabilizers)

SUBTASK 10-11-02-100-005

(1) If necessary, wash the airplane. Do this task: Clean (Wet Wash) the External Surfaces of the Airplane, TASK 12-25-01-100-801.

NOTE: Wash/clean the airplane to get a good surface condition to check the fuselage for leaks, corrosion, staining, or other deterioration.

(a) If corrosion is found, remove the corrosion, do this task: Corrosion Removal and Control, TASK 51-21-03-100-801.

(b) If stains are found, remove the stains.

NOTE: Stains are the discoloration of the surface. Oil and other liquids can mix with dust particles and unwanted material and can cause damage to the airplane finish. Rain streaked dust that has collected is not dangerous unless the dust contains pollutants that can cause corrosion and damage to the airplane finish.

1) To remove the stains, wash the area or polish the airplane with approved polishes, do this task: Polish the External Surfaces of the Airplane, TASK 12-25-01-100-802.

(c) Remove the stains, dirt, oil, fuel spills, and other contaminants in the locations of the engines: APU, landing gear, wheel wells, overboard drains, and air conditioning pack exhausts.

SUBTASK 10-11-02-210-006

(2) If a temporary protective coating was applied to the unpainted metal surfaces of the airplane, check for damage to the coating and check for corrosion of the substrate.

E. Landing Gear

SUBTASK 10-11-02-600-006

(1) Do the preservation for the landing gear.

(a) Do a check of the tire pressure, do this task: Landing Gear Tire Pressure Check, TASK 12-15-03-780-801.

NOTE: Make sure the tire pressure is not less than 30 psig below the specified pressure.

The tires pressure can be 15 psig above the specified pressure.

F. Electrical/Electronic

SUBTASK 10-11-02-600-007

(1) Do the preservation for the electrical/electronic systems.

(a) Apply electrical power to all electrical/electronic systems.

NOTE: Ground power is permitted

WARNING MAKE SURE THAT THE CIRCUIT BREAKERS IN THE SUBSEQUENT STEP ARE OPEN. IF THEY ARE CLOSED, THE FIRE EXTINGUISHER BOTTLES CAN RELEASE THEIR CONTENTS. THIS CAN CAUSE INJURIES TO PERSONNEL.

1) Open this circuit breaker and install safety tag:

Standby Power Management Panel, P310

Row	Col	Number	Name
L	7	C26639	FIRE EXT CGO BTL 2A,2B & 2C

2) Put electrical power on the airplane for a minimum of 2 hours, do this task: Supply Electrical Power, TASK 24-22-00-860-805.

3) Make sure the main battery is in a fully charged condition.

4) Make sure the applicable switches are returned to the correct position after the power is disconnected.

5) Disconnect the batteries after the electrical power is removed, do this task: Disconnect Main Battery Power, TASK 24-31-01-020-801.

——— END OF TASK ———

TASK 10-11-02-620-813

10. Service and Protection on 30 Day (1 Month) Cycles

A. General

(1) This task is done throughout the storage time.

B. References

Reference	Title
12-11-02-680-801	Fuel Tank Sump Drain Valve - Water Removal/Sampling (P/B 301)
28-10-00-600-802	Biocide Treatment of Fuel Tanks - Metered Injection Cart (P/B 201)

C. Consumable Materials

Reference	Description	Specification
G00452	Additive, Fuel - Biobor JF	
G02321	Tape - Vinyl	BAC5034-4 Type VII Class 1
G02347	Biocide - Fuel - Kathon FP1.5	

D. Service and Protection

SUBTASK 10-11-02-620-077

(1) Do this task: Service and Protection on 7 Day (1 Week) Cycles, TASK 10-11-02-620-811.

SUBTASK 10-11-02-620-078

(2) Do this task: Service and Protection on 14 Day (2 Week) Cycles, TASK 10-11-02-620-812.

E. External Surfaces (Fuselage, Wing, Horizontal and Vertical Stabilizers)

SUBTASK 10-11-02-480-031

(1) Examine all of the covers (pitot probes, static ports, temperature probe, angle of attack sensor, ice detector. Make sure they are satisfactorily installed.

SUBTASK 10-11-02-210-007

(2) If the airplane is being stored for more than 60 days, check the drain holes in the tape you used to seal the doors and hatches. Make sure the drain holes are clear.

SUBTASK 10-11-02-210-008

(3) Visually examine the structural drain holes to make sure that they are open.

(a) If the airplane is being stored for more than 60 days, leave the screens you installed on the drain holes in place, unless they are clogged.

1) If the screen is clogged, put a new piece of screen material on the drain hole with tape, G02321.

SUBTASK 10-11-02-480-033

(4) If temporary protective coating was applied to the unpainted metal surfaces of the airplane, check the coating for peeling or bubbles.

F. Landing Gear

SUBTASK 10-11-02-580-001

(1) Do a check of the tires for flat spots.

(a) If there are flat spots on the tires:

1) Rotate the tires, or

2) Tow the airplane a short distance.

G. Equipment/Furnishings

SUBTASK 10-11-02-620-048

(1) Do the preservation for the equipment and furnishings.

(a) If installed, make sure you examine the carpet for moisture and mildew.

(b) If installed, make sure you examine the seats for moisture and mildew.

H. Fire Protection

SUBTASK 10-11-02-620-080

(1) Do the preservation for the fire protection equipment.

(a) Do a check of the fire extinguishers and make sure they are in a serviceable "Full" condition.

I. Fuel

SUBTASK 10-11-02-680-002

(1) Do the preservation for the fuel system.

NOTE: Biological contamination is from growth of bacteria and fungi. The micro-organisms are found in water deposits in the fuel systems. Growth of the organisms have a consistency of a "slime" or "mayonnaise" material that goes into the fuel. This can cause contamination in the airplane by plugging filters. It can also cause fuel quantity probe malfunctions, and corrosion of integral fuel tanks. The most effective control of biological contamination is to remove the water from the fuel system.

(a) Fill and keep all of the wing fuel tanks greater than 10% capacity.

WARNING BIOBOR JF, KATHON, AND DIEGME ARE POISONOUS. IF YOU BREATHE THE VAPOR OR TOUCH THE BIOCIDE, YOU CAN CAUSE INJURY TO YOURSELF.

CAUTION USE CARE WHEN INJECTING ADDITIVES INTO THE FUEL, SINCE CONCENTRATIONS FAR IN EXCESS OF RECOMMENDED LEVELS CAN BE DETRIMENTAL TO THE AIRCRAFT.

(b) Make sure that there is biocide in the fuel, do this task: Biocide Treatment of Fuel Tanks - Metered Injection Cart, TASK 28-10-00-600-802.I.

NOTE: The fuel shall contain 270 parts per million by weight Biobor JF additive, G00452, or 100 parts per million by volumeKathon FP1.5 biocide, G02347. The preferred procedure to mix the additive is by metered injection into the flowing stream of fuel.

NOTE: Military fuels (JP-4, JP-5, and JP-8) contain FSII additive and no additional FSII additive is required.

(c) Drain all water that has collected in the sumps of the fuel tanks and the surge tanks, do this task: Fuel Tank Sump Drain Valve - Water Removal/Sampling, TASK 12-11-02-680-801.

NOTE: After 24 hours drain the water again.

NOTE: This will prevent corrosion in the areas where water collects.

——— END OF TASK ———

TASK 10-11-02-620-814

11. Service and Protection on 60 Day (2 Month) Cycles

A. General

(1) This task is done throughout the storage time.

B. References

Reference	Title
12-16-02-100-801	Flight Compartment Glass Window - Inner Surface Cleaning (P/B 301)

C. Consumable Materials

Reference	Description	Specification
G02321	Tape - Vinyl	BAC5034-4 Type VII Class 1

D. Service and Protection

SUBTASK 10-11-02-620-081

(1) Do this task: Service and Protection on 7 Day (1 Week) Cycles, TASK 10-11-02-620-811.

SUBTASK 10-11-02-620-082

(2) Do this task: Service and Protection on 14 Day (2 Week) Cycles, TASK 10-11-02-620-812.

SUBTASK 10-11-02-620-083

(3) Do this task: Service and Protection on 30 Day (1 Month) Cycles, TASK 10-11-02-620-813.

E. External Surfaces (Fuselage, Wing, Horizontal and Vertical Stabilizers)

SUBTASK 10-11-02-100-006

(1) Wash the flight compartment windows, do this task: Flight Compartment Glass Window - Inner Surface Cleaning, TASK 12-16-02-100-801.

F. Fuel

SUBTASK 10-11-02-210-009

(1) Check the screens on the surge tank vent openings and the center dry bay opening.

(a) If necessary, replace the woven screen mesh material.

NOTE: A synthetic filament material is preferred, and cheese cloth is optional.

1) Use tape, G02321 or an equivalent to hold the material over the openings to prevent the entry of insects into the lines.

2) Attach red flags to the screen material on each opening.

——— END OF TASK ———

TASK 10-11-02-620-820

12. Service and Protection on 90 Day (3 Month) Cycles

A. General

(1) This task is done throughout the storage time.

B. References

Reference	Title
12-21-04 P/B 301	ELEVATOR LUBRICATION - SERVICING
12-21-05 P/B 301	HORIZONTAL STABILIZER BALLSCREW, BALLNUT AND GIMBAL - SERVICING
12-21-06 P/B 301	RUDDER LUBRICATION - SERVICING
12-21-07 P/B 301	AILERON AND FLAPERON LUBRICATION - SERVICING
12-21-08 P/B 301	LEADING EDGE SLAT SYSTEM - SERVICING
12-21-09-640-801	Trailing Edge Torque Tube and Torque Tube Support Lubrication (P/B 301)
12-21-09-640-802	Inboard Flap Inboard Transmission, Ballscrew and Gimbal Lubrication (P/B 301)
12-21-09-640-803	Inboard Flap, Inboard Support Mechanism Lubrication (P/B 301)
12-21-09-640-804	Outboard Flap Outboard Transmission, Ballscrew and Gimbal Lubrication (P/B 301)
12-21-09-640-805	Outboard Flap Outboard Support Mechanism Lubrication (P/B 301)
12-21-09-640-806	Outboard Auxiliary Support Track and Carriage Lubrication (P/B 301)
12-21-09-640-807	Inboard Flap Outboard Transmission, Ballscrew and Gimbal Lubrication (P/B 301)
12-21-09-640-808	Inboard Flap, Outboard Support Mechanism Lubrication (P/B 301)
12-21-09-640-809	Inboard Aft Flap Roller Lubrication (P/B 301)
12-21-09-640-810	Outboard Flap Inboard Transmission, Ballscrew and Gimbal Lubrication (P/B 301)

(Continued)

Reference	Title
12-21-09-640-811	Outboard Flap Inboard Support Mechanism Lubrication (P/B 301)
12-21-09-640-812	Inboard Auxiliary Support Track and Carriage Lubrication (P/B 301)
12-21-10 P/B 301	SPOILER/SPEEDBRAKE LUBRICATION - SERVICING
12-21-11-640-802-002	Main Landing Gear Support Beam Lubrication (P/B 301)
12-21-12-640-801	Nose Landing Gear and Actuating Mechanism's Lower Components Lubrication (P/B 301)
12-21-12-640-802	Nose Landing Gear and Actuating Mechanism's Upper Components Lubrication (P/B 301)
12-21-13-640-801	Nose Landing Gear Doors and Actuating Mechanisms Lubrication (P/B 301)
12-21-14-640-805-002	Upper Main Landing Gear and Actuating Mechanisms Lubrication (P/B 301)
12-21-14-640-806-002	Lower Main Landing Gear and Actuating Mechanisms Lubrication (P/B 301)
12-21-15-640-802-002	Main Landing Gear Doors and Actuating Mechanisms Lubrication (P/B 301)
27-11-00-740-801	Aileron or Flaperon Power Control Unit (PCU) Test (P/B 501)
27-21-00-700-801	Rudder Power Control Unit Test (P/B 501)
27-31-00-700-801	Elevator Power Control Unit Test (P/B 501)
27-41-00-700-801	Stabilizer System Test (P/B 501)
27-51-00-860-801	Trailing Edge Flap System Operation With Primary Control (P/B 201)
27-51-00-860-805	Retract the Trailing Edge Flaps (P/B 201)
27-61-00-700-801	Spoiler Operational Test (P/B 501)
27-81-00-860-803	Leading Edge Slat System Operation With Primary Control (P/B 201)
27-81-00-860-805	Retract the Leading Edge Slats (P/B 201)
32-21-11-000-803	Nose Landing Gear Torsion Link Disconnection/Electrical Harness Storage (P/B 201)
32-51-00-720-802	Nose Landing Gear Steering System - Functional Test (P/B 501)
32-53-00-720-801	Main Landing Gear Steering System - Functional Test (P/B 501)
51-03-03-100-801	Wing Drainage Cleaning (P/B 701)
51-03-04-100-801	Empennage Drainage Cleaning (P/B 701)

C. Consumable Materials

Reference	Description	Specification
C00174	Compound - Corrosion Preventive, Solvent Cutback, Cold Application	MIL-PRF-16173 (Supersedes MIL-C-16173)
D00013	Grease - Aircraft And Instrument Grease	MIL-PRF-23827 (NATO G-354) (Supersedes MIL-G-23827)

(Continued)

Reference	Description	Specification
D00015	Grease - Aircraft Bearing (Use BMS 3-24 until existing stocks are depleted, BMS 3-33 supersedes BMS 3-24)	BMS3-24 (Superseded by BMS3-33)
D00054	Fluid - Hydraulic Assembly Lubricant - MCS 352B (Formerly Monsanto MCS 352B)	
D00153	Fluid - Hydraulic Fluid, Fire Resistant (Interchangeable And Intermixable With BMS 3-11 Type V)	BMS3-11 Type IV
D00633	Grease - Aircraft General Purpose	BMS3-33

D. Service and Protection

SUBTASK 10-11-02-620-084

(1) Do this task: Service and Protection on 7 Day (1 Week) Cycles, TASK 10-11-02-620-811.

SUBTASK 10-11-02-620-085

(2) Do this task: Service and Protection on 14 Day (2 Week) Cycles, TASK 10-11-02-620-812.

SUBTASK 10-11-02-620-086

(3) Do this task: Service and Protection on 30 Day (1 Month) Cycles, TASK 10-11-02-620-813.

SUBTASK 10-11-02-620-087

(4) If the 60 Day and 90 Day cycles align, do this task: Service and Protection on 60 Day (2 Month) Cycles, TASK 10-11-02-620-814.

E. Landing Gear

SUBTASK 10-11-02-210-010

(1) Check the compound, C00174 on the unpainted landing gear parts.

(a) If necessary, apply more compound, C00174 to the unpainted landing gear parts.

SUBTASK 10-11-02-640-007

(2) Do the preservation for the landing gear.

(a) Disconnect the torsion link on the nose landing gear, do this task: Nose Landing Gear Torsion Link Disconnection/Electrical Harness Storage, TASK 32-21-11-000-803.

1) Lubricate the bearing surfaces of the torsion link that show with grease, D00013.

(b) Use the procedures in Nose Landing Gear Steering System - Functional Test, TASK 32-51-00-720-802 to move the nose landing gear steering actuator.

1) Lubricate the steering hydraulic actuator pistons with hydraulic fluid, D00153.

(c) Use the procedures in Main Landing Gear Steering System - Functional Test, TASK 32-53-00-720-801 to move the main landing gear steering actuators.

1) Lubricate the steering hydraulic actuator pistons with hydraulic fluid, D00153.

SUBTASK 10-11-02-640-004

(3) Lubricate the landing gear.

(a) Do this task: Nose Landing Gear and Actuating Mechanism's Upper Components Lubrication, TASK 12-21-12-640-802.

(b) Do this task: Nose Landing Gear and Actuating Mechanism's Lower Components Lubrication, TASK 12-21-12-640-801.

(c) Do these tasks: Upper Main Landing Gear and Actuating Mechanisms Lubrication, TASK 12-21-14-640-805-002.

(d) Do these tasks: Lower Main Landing Gear and Actuating Mechanisms Lubrication, TASK 12-21-14-640-806-002.

(e) Do these tasks: Main Landing Gear Support Beam Lubrication, TASK 12-21-11-640-802-002.

(f) Do this task: Nose Landing Gear Doors and Actuating Mechanisms Lubrication, TASK 12-21-13-640-801.

(g) Do these tasks: Main Landing Gear Doors and Actuating Mechanisms Lubrication, TASK 12-21-15-640-802-002.

F. Flight Controls

SUBTASK 10-11-02-640-005

(1) Do the preservation procedure for the flight controls.

(a) Operate all trailing edge flaps to the full-down position, do this task: Trailing Edge Flap System Operation With Primary Control, TASK 27-51-00-860-801.

(b) Operate all leading edge slats to the full-down position, do this task: Leading Edge Slat System Operation With Primary Control, TASK 27-81-00-860-803.

(c) Examine all trailing edge flap drive components for corrosion.

(d) Make sure the drain holes of the areas that follow are open:

1) Trailing edge flap support fairing, do this task: Wing Drainage Cleaning, TASK 51-03-03-100-801

2) Empennage, do this task: Empennage Drainage Cleaning, TASK 51-03-04-100-801

3) Flap, do this task: Wing Drainage Cleaning, TASK 51-03-03-100-801.

(e) Move the stabilizer trim until you complete one full movement of travel, do this task: Stabilizer System Test, TASK 27-41-00-700-801.

(f) Move the elevators until you complete three full movements of travel, do this task: Elevator Power Control Unit Test, TASK 27-31-00-700-801.

(g) Move the rudder until you complete three full movements of travel, do this task: Rudder Power Control Unit Test, TASK 27-21-00-700-801.

(h) Move the ailerons until you complete three full movements of travel, do this task: Aileron or Flaperon Power Control Unit (PCU) Test, TASK 27-11-00-740-801.

(i) Move the spoilers until you complete three full movements of travel, do this task: Spoiler Operational Test, TASK 27-61-00-700-801.

(j) Lubricate all of the flap drive system wear components that follow with grease, D00633:

1) Do this task: Inboard Flap Inboard Transmission, Ballscrew and Gimbal Lubrication, TASK 12-21-09-640-802

2) Do this task: Outboard Flap Outboard Transmission, Ballscrew and Gimbal Lubrication, TASK 12-21-09-640-804

3) Do this task: Inboard Flap Outboard Transmission, Ballscrew and Gimbal Lubrication, TASK 12-21-09-640-807

4) Do this task: Outboard Flap Inboard Transmission, Ballscrew and Gimbal Lubrication, TASK 12-21-09-640-810.

(k) Lubricate all trailing edge flap support lube fittings that follow with grease, D00633 (preferred) or grease, D00015 (alternate):

1) Do this task: Outboard Auxiliary Support Track and Carriage Lubrication, TASK 12-21-09-640-806

2) Do this task: Inboard Flap, Inboard Support Mechanism Lubrication, TASK 12-21-09-640-803

3) Do this task: Outboard Flap Outboard Support Mechanism Lubrication, TASK 12-21-09-640-805

4) Do this task: Trailing Edge Torque Tube and Torque Tube Support Lubrication, TASK 12-21-09-640-801

5) Do this task: Inboard Flap, Outboard Support Mechanism Lubrication, TASK 12-21-09-640-808

6) Do this task: Inboard Aft Flap Roller Lubrication, TASK 12-21-09-640-809

7) Do this task: Outboard Flap Inboard Support Mechanism Lubrication, TASK 12-21-09-640-811

8) Do this task: Inboard Auxiliary Support Track and Carriage Lubrication, TASK 12-21-09-640-812.

(l) Lubricate the elevator (ELEVATOR LUBRICATION - SERVICING, PAGEBLOCK 12-21-04/301).

(m) Lubricate the horizontal stabilizer ballscrew, ballnut and gimbal (HORIZONTAL STABILIZER BALLSCREW, BALLNUT AND GIMBAL - SERVICING, PAGEBLOCK 12-21-05/301).

(n) Lubricate the rudder (RUDDER LUBRICATION - SERVICING, PAGEBLOCK 12-21-06/301).

(o) Lubricate the aileron and the flaperon (AILERON AND FLAPERON LUBRICATION - SERVICING, PAGEBLOCK 12-21-07/301).

(p) Lubricate the leading edge slat system (LEADING EDGE SLAT SYSTEM - SERVICING, PAGEBLOCK 12-21-08/301).

(q) Lubricate the spoiler/speedbrake (SPOILER/SPEEDBRAKE LUBRICATION - SERVICING, PAGEBLOCK 12-21-10/301).

(r) When you store the airplane, make sure the flaps are in the FULL UP position, do this task: Retract the Trailing Edge Flaps, TASK 27-51-00-860-805.

(s) When you store the airplane, make sure the slats are in the FULL UP position, do this task: Retract the Leading Edge Slats, TASK 27-81-00-860-805.

G. Hydraulic

SUBTASK 10-11-02-610-004

CAUTION CHECK LANDING GEAR STRUTS FOR FLUID TYPE. ON CYLINDERS SERVICED WITH SKYDROL, THE CHROME MUST BE WIPED WITH SKYDROL MOIST RAG ONLY. ON CYLINDERS SERVICED WITH 5606, THE CHROME MUST BE WIPED WITH 5606 OIL MOIST RAG ONLY.

(1) Do the preservation procedure for the hydraulic system.

(a) Clean and apply a layer of MCS 352B fluid, D00054 to all of the finished surfaces on the actuator rods which are open to the outside air.

NOTE: It is not necessary to apply grease again to the actuators that were cycled and lubricated in Service and Protection on 7 Day (1 Week) Cycles, TASK 10-11-02-620-811.

(b) Clean and apply a layer of MCS 352B fluid, D00054 to all of the finished surfaces on the valve slides which are open to the outside air.

NOTE: It is not necessary to apply grease again to the actuators that were cycled and lubricated in Service and Protection on 7 Day (1 Week) Cycles, TASK 10-11-02-620-811.

——— END OF TASK ———

TASK 10-11-02-620-821

13. Service and Protection on 180 Day (6 Month) Cycles

A. General

(1) This task is done throughout the storage time.

B. References

Reference	Title
32-45-01-000-801	Main Landing Gear Wheel and Tire Assembly Removal (P/B 401)
32-45-01-400-801	Main Landing Gear Wheel and Tire Assembly Installation (P/B 401)
32-45-02-000-801	Nose Landing Gear Wheel and Tire Assembly Removal (P/B 401)
32-45-02-400-801	Nose Landing Gear Wheel and Tire Assembly Installation (P/B 401)
51-03-02-100-801	Fuselage Drainage Cleaning (P/B 701)

C. Consumable Materials

Reference	Description	Specification
G02321	Tape - Vinyl	BAC5034-4 Type VII Class 1

D. Service and Protection

SUBTASK 10-11-02-62-001

(1) Do this task: Service and Protection on 7 Day (1 Week) Cycles, TASK 10-11-02-620-811.

SUBTASK 10-11-02-620-088

(2) Do this task: Service and Protection on 14 Day (2 Week) Cycles, TASK 10-11-02-620-812.

SUBTASK 10-11-02-620-089

(3) Do this task: Service and Protection on 30 Day (1 Month) Cycles, TASK 10-11-02-620-813.

SUBTASK 10-11-02-620-090

(4) Do this task: Service and Protection on 60 Day (2 Month) Cycles, TASK 10-11-02-620-814.

SUBTASK 10-11-02-620-091

(5) Do this task: Service and Protection on 90 Day (3 Month) Cycles, TASK 10-11-02-620-820.

E. External Surfaces (Fuselage, Wing, Horizontal and Vertical Stabilizers)

SUBTASK 10-11-02-390-002

(1) Replace the tape on the external doors, hatches, and drains.

(a) Replace the tape, G02321 or equivalent, in the locations that follow:

NOTE: This is to make a seal so water does not go into the airplane.

1) All external doors

2) The upper half of the nose radome

3) All external hatches.

(b) Make sure you keep the doors and hatches closed.

(c) Cut a small water drain hole (approximately 3/8-inch diameter) in the lowest part of the tape seal on all entry doors and hatches.

(d) Make sure all of the structural drain holes are open, do this task: Fuselage Drainage Cleaning, TASK 51-03-02-100-801.

(e) Replace the tape, G02321 on the screen material on the drain holes which are open to the environment.

F. Landing Gear

SUBTASK 10-11-02-640-006

(1) Examine and repack the wheel bearings.

(a) Do this task: Main Landing Gear Wheel and Tire Assembly Removal, TASK 32-45-01-000-801.

(b) Do this task: Nose Landing Gear Wheel and Tire Assembly Removal, TASK 32-45-02-000-801.

(c) Do this task: Main Landing Gear Wheel and Tire Assembly Installation, TASK 32-45-01-400-801.

(d) Do this task: Nose Landing Gear Wheel and Tire Assembly Installation, TASK 32-45-02-400-801.

——— END OF TASK ———

TASK 10-11-02-620-822

14. Service and Protection on 365 Day (1 Year) Cycles

A. General

(1) This task is done throughout the storage time.

B. References

Reference	Title
28-10-00-600-802	Biocide Treatment of Fuel Tanks - Metered Injection Cart (P/B 201)
28-11-00-300-801	Repair of Fuel Tank Corrosion (P/B 801)
28-11-00-650-801	Purging and Fuel Tank Entry Precautions (P/B 201)
28-11-01-000-801	Main Tank Access Door Removal (P/B 401)
28-11-01-400-801	Main Tank Access Door Installation (P/B 401)
28-11-05-000-801	Wing Dry Bay Access Door - Removal (P/B 401)
28-11-05-400-801	Wing Dry Bay Access Door Installation (P/B 401)
28-26-00-650-801	Pressure Defueling (P/B 201)

C. Consumable Materials

Reference	Description	Specification
G00009	Compound - Organic Corrosion Inhibiting	BMS3-23
G00452	Additive, Fuel - Biobor JF	
G02321	Tape - Vinyl	BAC5034-4 Type VII Class 1

(Continued)

Reference	Description	Specification
G02347	Biocide - Fuel - Kathon FP1.5	
G50071	Compound - Corrosion Inhibiting, Heavy Duty	BMS3-35

D. Service and Protection

SUBTASK 10-11-02-620-092

(1) Do this task: Service and Protection on 7 Day (1 Week) Cycles, TASK 10-11-02-620-811.

SUBTASK 10-11-02-620-093

(2) Do this task: Service and Protection on 14 Day (2 Week) Cycles, TASK 10-11-02-620-812.

SUBTASK 10-11-02-620-094

(3) Do this task: Service and Protection on 30 Day (1 Month) Cycles, TASK 10-11-02-620-813.

SUBTASK 10-11-02-620-095

(4) Do this task: Service and Protection on 60 Day (2 Month) Cycles, TASK 10-11-02-620-814.

SUBTASK 10-11-02-620-096

(5) Do this task: Service and Protection on 90 Day (3 Month) Cycles, TASK 10-11-02-620-820.

SUBTASK 10-11-02-620-097

(6) Do this task: Service and Protection on 180 Day (6 Month) Cycles, TASK 10-11-02-620-821.

E. Fuel

SUBTASK 10-11-02-620-098

(1) Do the preservation procedure for the fuel tanks.

WARNING DO NOT BREATHE BIOCIDE FUMES, OR TOUCH THE BIOCIDE FUEL ADDITIVE. READ THE MANUFACTURERS MSDS. THE BIOCIDE FUEL ADDITIVE CAN CAUSE HEALTH PROBLEMS (INJURIES TO PERSONNEL).

(a) Drain the fuel from one main fuel tank, do this task: Pressure Defueling, TASK 28-26-00-650-801.

NOTE: If the fuel tanks are being examined for corrosion on a second and subsequent inspection, examine a tank other than the one you examined before.

(b) Open the drained fuel tank, do this task: Main Tank Access Door Removal, TASK 28-11-01-000-801.

(c) Remove the remaining fuel from the opened fuel tank, do this task: Purging and Fuel Tank Entry Precautions, TASK 28-11-00-650-801.

(d) Examine the fuel tank and the fuel lines for corrosion, do this task: Repair of Fuel Tank Corrosion, TASK 28-11-00-300-801.

(e) If corrosion was found in the tank, you must drain all of the other tanks, do this task: Pressure Defueling, TASK 28-26-00-650-801.

1) Open all of the tanks, do this task: Main Tank Access Door Removal, TASK 28-11-01-000-801.

2) Remove the fuel from all of the tanks, do this task: Pressure Defueling, TASK 28-26-00-650-801.

3) Examine the tanks and the fuel lines for corrosion, do this task: Repair of Fuel Tank Corrosion, TASK 28-11-00-300-801.

(f) If the fuel tank and the fuel lines contain corrosion, refer to MRB instructions to make repairs.

(g) Open the wing dry bay areas, do this task: Wing Dry Bay Access Door - Removal, TASK 28-11-05-000-801.

(h) Examine the wing dry bay areas for corrosion.

1) If corrosion is found, remove the corrosion, do this task: Repair of Fuel Tank Corrosion, TASK 28-11-00-300-801.

a) Apply corrosion inhibiting compound, G50071 (preferred), or corrosion inhibiting compound, G00009 (optional), as necessary.

(i) Close the wing dry bay areas that were opened, do this task: Wing Dry Bay Access Door Installation, TASK 28-11-05-400-801.

(j) Close the fuel tanks, do this task: Main Tank Access Door Installation, TASK 28-11-01-400-801.

(k) Fill and keep all of the wing fuel tanks greater than 10% capacity.

WARNING DO NOT BREATHE FUMES FROM THE BIOCIDE FUEL ADDITIVE, OR TOUCH IT. READ THE MATERIAL SAFETY DATA SHEET (MSDS) FROM THE MANUFACTURER OF THE ADDITIVE. THE ADDITIVE CAN CAUSE INJURIES TO PERSONNEL, AND HEALTH PROBLEMS.

CAUTION DO NOT ADD MORE THAN THE MAXIMUM CONCENTRATION OF BIOCIDE. IF THE BIOCIDE CONCENTRATION IS HIGHER THAN THE MAXIMUM LIMIT, DAMAGE TO THE ENGINES CAN OCCUR.

(l) Make sure that there is biocide in the fuel (TASK 28-10-00-600-802).

NOTE: The fuel shall contain 270 parts per million by weight Biobor JF additive, G00452, or 100 parts per million by volume Kathon FP1.5 biocide, G02347. The preferred procedure to mix the additive is by metered injection into the flowing stream of fuel.

NOTE: Military fuels (JP-4, JP-5, and JP-8) contain FSII additive and no additional FSII additive is required.

NOTE: The fuel additive will prevent sealant deterioration in the fuel tanks.

NOTE: Mix the additive fully, in an open area away from airplane before it is fueled. This will prevent high local concentrations of biocide.

(m) Turn on all fuel boost pumps and override pumps and operate them until the low pressure lights on the P5 overhead panel turn off.

NOTE: When you operate the pumps, it causes the pumps to be purged with new fuel.

(n) Put a woven screen mesh material over both surge tank vent openings and the center dry bay opening.

NOTE: A synthetic filament material is preferred, and cheese cloth is optional.

1) Use tape, G02321, or an equivalent to hold the material over the openings to prevent the entry of insects into the lines.

2) Attach red flags to the screen material on each opening.

END OF TASK

TASK 10-11-02-210-802

15. Airplane Prolonged Parking Depreservation Quick Check Procedure

A. General

WARNING THE QUICK CHECK TABLE IS NOT A SUBSTITUTE FOR FOLLOWING THE COMPLETE PROCEDURE WHICH CONTAINS WARNINGS, CAUTIONS, TASKS, AND DETAILED INSTRUCTIONS. FAILURE TO FOLLOW THE COMPLETE PROCEDURE CAN RESULT IN INJURIES TO PERSONNEL AND DAMAGE TO THE AIRPLANE AND EQUIPMENT.

(1) This has one task, put the airplane back to a serviceable condition after prolonged parking/storage Quick Check procedure.

NOTE: The task to bring an airplane out of prolonged parking to a serviceable condition is commonly called Depreservation.

(a) The tables below are for a Quick Check to show what is necessary when you do the depreservation to an airplane. This data is in direct relationship with the tasks and subtasks within the procedure. The table was created to help the mechanic understand quickly what is necessary to take an airplane out of a storage condition. The title of each table is the TASK TITLE for that procedure.

NOTE: This table does not take the place of the tasks in this procedure. It is to be used only for reference and for a quick review of what is in the procedure.

Table 213/10-11-02-993-801

DEPRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done at the start of removal from storage	
PUT THE AIRPLANE BACK TO A SERVICEABLE CONDITION AFTER THE STORAGE	
AIRPLANE AREA	ABBREVIATED PROCEDURE
FUSELAGE	Do these steps to the external areas: - remove pitot probe covers - remove all static ports covers - remove all covers on external area - remove temporary coatings - open and clean drains - look for corrosion - remove covers from doors & panels - remove flags - remove tape - remove covers from windows
	Lubricate these areas: - external mechanisms - door hinges - external handle housings
	Look at these internal areas: - door seals - inside handles (cargo & entry doors) - passenger arm/disarm handles

Table 213/10-11-02-993-801 (Continued)

DEPRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done at the start of removal from storage	
PUT THE AIRPLANE BACK TO A SERVICEABLE CONDITION AFTER THE STORAGE	
WING LEADING EDGE, TRAILING EDGE, AND EMPENNAGE HORIZONTAL AND VERTICAL STABILIZERS	Do these steps: - wash the surface - look for corrosion - inspect the paint - functional test slats - functional test flaps - functional test spoilers - examine all drain holes - lubricate all flap & slat components
LANDING GEAR	Do these steps: - install ground locks - landing gear control handle down - landing gear doors closed - remove wheel covers - remove tiedowns - jack airplane if necessary - test alternate extension system - examine the door seals - inspect wheel bearings - lower airplane off jacks - service the struts - remove corrosion - clean oleo - lubricate all fittings
ARO 001-004	
TAIL SKID (777-300)	Do these steps: - service the tail skid
ARO ALL	
FUEL	Do these steps: - remove screen mesh from openings - remove flags - fuel airplane - check for leaks - drain all water (sumps and surge tanks)
POWER PLANT	Do the engine depreservation
APU	Do the depreservation of the APU

Table 213/10-11-02-993-801 (Continued)

DEPRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done at the start of removal from storage	
PUT THE AIRPLANE BACK TO A SERVICEABLE CONDITION AFTER THE STORAGE	
ELECTRICAL/ELECTRONIC	Do these steps: - ground the airplane - put all switches in the OFF position - install the components (E/E Bay) - examine for corrosion - install inertial reference systems - check or install all batteries - close all applicable circuit breakers - apply electrical power - charge the batteries - test emergency light system - put all switches in correct position
FLIGHT COMPARTMENT EQUIPMENT AND RELATED INSTRUMENT	Do these steps: - drain pitot static system - test the systems - check the portable fire systems - remove the seat covers
OXYGEN	Do these steps: - check hydrostatic dates - flush oxygen system (if necessary) - install crew oxygen cylinders - open cylinder shutoff valves - lockwire the shut-off valves in the open position - install passenger oxygen cylinders - install crew oxygen masks - check chemical generators - do a mask drop check if necessary
AIR CONDITIONING	Do these steps: - remove the covers from external opening - close outflow valves - operate ECS system - do a MAT test
HYDRAULIC	Do these steps: - clean grease off actuators - pressurize the hydraulic systems - check for hydraulic fluid leaks - check all system components - make sure the systems are serviced - check the low pressure warn light - replace the hydraulic system filters - remove covers from air driven pumps exhaust ports

Table 213/10-11-02-993-801 (Continued)

DEPRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done at the start of removal from storage	
PUT THE AIRPLANE BACK TO A SERVICEABLE CONDITION AFTER THE STORAGE	
PRIMARY FLIGHT CONTROLS SYSTEM	Do these steps: - remove all covers - do the MAT tests - check the control wheel - check the rudder - check the elevator - operate the stabilizer trim - check the maintenance pages of CMC - test the primary control system - test the secondary control system
EQUIPMENT AND FURNISHINGS	Do these steps: - remove carpet runners - remove waterproof cover - remove cotton seat covers - open window shades - clean trays and waste containers - check galleys and toilets - install seats and carpets in flight compartment if they were removed - install seats and carpets in passenger compartment if they were removed - put main entry doors in manual mode and install safety pins - for escape slides - install gas bottles if applicable - install life vests
WATER AND WASTE	Reactivate these systems: - potable water - drains - waste system
FIRE PROTECTION	Reactivate these systems: - engine fire extinguishing systems - APU fire extinguishing systems - fire extinguisher bottles - smoke detectors
NITROGEN GENERATING SYSTEM	Do these steps: - Remove the cover from the dedicated ram inlet and outlet - Perform leak check - Perform Electrical and System IBIT test.

Table 214/10-11-02-993-802

DEPRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done at the start of removal from storage	
PUT THE AIRPLANE BACK TO A SERVICEABLE CONDITION AFTER THE STORAGE OF MORE THAN SEVEN DAYS BUT LESS THAN 14 DAYS	
When you do this task, you must also do these tasks: (a) Service and depreservation for 7 day (1 week) cycles.	
AIRPLANE AREA	ABBREVIATED PROCEDURE
FUSELAGE	Do these steps to the external areas: - wash the airplane - remove the corrosion - remove other contaminates - open and clean drains - lubricate external mechanisms, door hinges, external handle housings - look at internal door seals, inside handles, (cargo & entry doors), passenger arm/disarm handles - remove pitot static probe covers - remove all static port covers - remove all covers as necessary - remove covers on control cabin - remove covers on all openings - remove cloths on control cabin windows and windshield - remove vinyl tape from applicable areas - remove tape seals on all entry doors and hatches - remove specified tape from all openings (check drain holes for tapes, covers, plugs, etc.) - remove the temporary protective coating (if applied to the unpainted external surfaces)
WING LEADING EDGE, TRAILING EDGE, AND EMPENNAGE HORIZONTAL AND VERTICAL STABILIZERS	Do these steps: - wash the surface - look for corrosion - inspect the paint - examine all drain holes - functional test the slats, flaps, and spoilers

Table 214/10-11-02-993-802 (Continued)

DEPRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done at the start of removal from storage	
PUT THE AIRPLANE BACK TO A SERVICEABLE CONDITION AFTER THE STORAGE OF MORE THAN SEVEN DAYS BUT LESS THAN 14 DAYS	
When you do this task, you must also do these tasks: (a) Service and depreservation for 7 day (1 week) cycles.	
LANDING GEAR	Do the depreservation of the landing gear - connect and lubricate torsion link - lubricate hydraulic actuator pistons - move the steering actuators of the MLG Prior to system pressurization - install main and nose landing gear ground locks - landing gear control handle in the 1st officers instrument panel must be in the "down" position Do these steps: - install downlock pins (remove before flight) - parking brake (apply) - close landing gear doors - remove wheel chocks - service the struts - remove corrosion - lubricate the landing gear - inspect wheel bearings - service the tires - remove corrosion preventive compound - operate landing gear doors 3 times - close landing gear doors - remove covers on brake/wheel/tires - lubricate wheel bearings
ARO 001-004	
TAIL SKID (777-300)	Do these steps: - retract tail skid - install downlock pin (remove before flight)
ARO ALL	
POWER PLANT	Do the engine depreservation
APU	Do these steps: - do the depreservation of the APU

Table 214/10-11-02-993-802 (Continued)

DEPRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done at the start of removal from storage	
PUT THE AIRPLANE BACK TO A SERVICEABLE CONDITION AFTER THE STORAGE OF MORE THAN SEVEN DAYS BUT LESS THAN 14 DAYS	
When you do this task, you must also do these tasks: (a) Service and depreservation for 7 day (1 week) cycles.	
ELECTRICAL/ELECTRONIC	Do these steps: - depreservation of E/E - ground the airplane - put all unnecessary switches in the OFF position - install the components in the E/E bay per task - check or install all batteries - apply electrical power - charge all batteries
FLIGHT COMPARTMENT EQUIPMENT AND RELATED INSTRUMENT	Do these steps: - close pitot heat circuit breakers - remove pitot covers - remove all static port covers - remove all covers on all probes - check fire extinguishers - remove cloth on glareshield (if installed)
OXYGEN SYSTEMS	Do these steps: - check hydrostatic dates of cylinders - open all oxygen cylinder shut-off valves - remove lockwire on the shut-off valves and open valves
AIR CONDITIONING	Do these steps: - remove covers on all external openings - put outflow valves in automode - test ECS system
HYDRAULIC	Do these steps: - check for leaks - remove cover on turbine air driven pump exhaust parts

Table 214/10-11-02-993-802 (Continued)

DEPRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done at the start of removal from storage	
PUT THE AIRPLANE BACK TO A SERVICEABLE CONDITION AFTER THE STORAGE OF MORE THAN SEVEN DAYS BUT LESS THAN 14 DAYS	
When you do this task, you must also do these tasks: (a) Service and depreservation for 7 day (1 week) cycles.	
EQUIPMENT AND FURNISHINGS	Do these steps: - do the depreservation of the equipment and furnishings - remove waterproof cover - remove covers on internal furnishings - remove carpet runners (if installed) - remove seat covers (if installed) - open window shades - clean trays and waste containers - check galleys and toilets - install seats and carpets in flight compartment and passenger compartments if necessary - check seats and carpets for moisture and mildew - put main entry doors in manual mode and remove safety pins (VIP airplanes only) - for escape slides-install gas bottles if applicable (VIP airplanes only) - install slide/raft if applicable and check - install life vests and check
WATER AND WASTE	Do these steps: - do the depreservation of the water and waste system - flush potable water and fill - check potable water system for corrosion or contaminates - fill up potable water - drain and flush waste storage tanks
FLIGHT CONTROLS	Do these steps: - move and check all primary flight control surfaces - check EICAS and trim indicators - check control column, wheels, and the pedals are centered after released - test the maintenance access terminal (MAT) test - check elevator - move all flight control surfaces - open all drain holes - remove all covers on vertical stabilizer parts

Table 214/10-11-02-993-802 (Continued)

DEPRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done at the start of removal from storage	
PUT THE AIRPLANE BACK TO A SERVICEABLE CONDITION AFTER THE STORAGE OF MORE THAN SEVEN DAYS BUT LESS THAN 14 DAYS	
When you do this task, you must also do these tasks: (a) Service and depreservation for 7 day (1 week) cycles.	
FIRE PROTECTION	Do these steps: - depreservation Fire Protection System - keep engine fire extinguishing system full - reactivate and test the fire extinguishing systems - keep and test APU fire extinguishing systems full - weigh all passenger and crew portable fire extinguishers - keep cargo fire extinguishers full - check smoke detectors
FUEL	Do these steps: - the depreservation of the fuel system - put in biocide if applicable - drain water (sumps and surge tanks) - remove covers on fuel vent openings - remove fuel vent flags - check for fuel leaks - refuel
WING	Do these steps to the external areas: - wash the surface if contaminates are found

Table 215/10-11-02-993-803

DEPRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done at the start of removal from storage	
PUT THE AIRPLANE BACK TO A SERVICEABLE CONDITION AFTER A STORAGE OF 14 DAYS (2 WEEKS) BUT LESS THAN 30 DAYS	
When you do this task, you must also do these tasks: (a) Service and depreservation for 7 day (1 week) cycles.	
AIRPLANE AREA	ABBREVIATED PROCEDURE
LANDING GEAR	Do these steps: When you do this task, you must also do these tasks: - service and protection for 7 day (1 week) cycle - check the tire pressure
ELECTRICAL/ELECTRONIC	Do these steps: - apply electrical power - charge main battery - put all switches in the correct position - connect the batteries

Table 216/10-11-02-993-804

DEPRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done at the start of removal from storage	
PUT THE AIRPLANE BACK TO A SERVICEABLE CONDITION AFTER A STORAGE OF 30 DAYS (1 MONTH) BUT LESS THAN 60 DAYS	
When you do this task, you must also do these tasks: (a) Service and depreservation for 7 day (1 week) cycles. (b) Service and depreservation for 14 day (2 week) cycles.	
AIRPLANE AREA	ABBREVIATED PROCEDURE
FUSELAGE	Do these steps to the external areas: - wash the airplane surfaces - check external surfaces for corrosion
FLIGHT COMPARTMENT	Do these steps: - remove the covers on the control cabin windows and windshield - remove white cloth on glareshield - install the seats and the carpet - check seats and carpets for moisture - check fire extinguishers for full
PRIMARY FLIGHT CONTROL SYSTEM (PFCS)	Do these steps: - remove the covers from the flaperon cove door - remove the covers from the gust suppression transducer pressure ports - do the Maintenance Access Terminal (MAT) tests - lubricate all visible cables - check control wheel and cable adjustment - check the rudder - check the control column - check the elevator - operate the stabilizer trim - check the status and maintenance pages of the Central Maintenance Computer for applicable messages - check the primary and secondary control systems
EQUIPMENT AND FURNISHINGS	Do these steps: - check seats and carpets for moisture
ELECTRICAL/ELECTRONIC	Do these steps: - make sure all switches that are not necessary are in the OFF position - install EPAS batteries and overwing exit emergency batteries - connect APU battery - install all other applicable batteries - install applicable E/E components - check for corrosion - apply electrical power for 2 hours - make sure main battery is fully charged

Table 216/10-11-02-993-804 (Continued)

DEPRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done at the start of removal from storage	
PUT THE AIRPLANE BACK TO A SERVICEABLE CONDITION AFTER A STORAGE OF 30 DAYS (1 MONTH) BUT LESS THAN 60 DAYS	
When you do this task, you must also do these tasks: (a) Service and depreservation for 7 day (1 week) cycles. (b) Service and depreservation for 14 day (2 week) cycles.	
FUEL	Do these steps: - drain water from sump and surge tanks - check fuel/biocide ratio - put biocide into fuel tanks (if required)

Table 217/10-11-02-993-806

DEPRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done at the start of removal from storage	
PUT THE AIRPLANE BACK TO A SERVICEABLE CONDITION AFTER A STORAGE OF MORE THAN 60 DAYS (2 MONTHS) BUT LESS THAN 90 DAYS	
When you do this task, you must also do these tasks: (a) Service and depreservation for 7 day (1 week) cycles. (b) Service and depreservation for 14 day (2 week) cycles. (c) Service and depreservation for 30 day (1 month) cycles. (d) Service and depreservation for 60 day (2 month) cycles.	
AIRPLANE AREA	ABBREVIATED PROCEDURE
PRIMARY FLIGHT CONTROL SYSTEM (PFCS)	Do these steps: - remove flaperon cove door cover - remove gust suppression transducer pressure port covers
HYDRAULIC	Do these steps: - remove the covers from the turbine exhaust ports of the air driven hydraulic pump port - clean grease off all actuators - pressurize hydraulic system - check hydraulic system components - hydraulic system component leak check - service hydraulic system - engine tasks (if applicable) - service all systems - perform engine check steps - check hydraulic system low pressure warning lights - replace hydraulic system filters - clean and put a protective coating on actuator rods and slide valves - remove ground lock pins - move the landing gears fully

Table 217/10-11-02-993-806 (Continued)

DEPRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done at the start of removal from storage	
PUT THE AIRPLANE BACK TO A SERVICEABLE CONDITION AFTER A STORAGE OF MORE THAN 60 DAYS (2 MONTHS) BUT LESS THAN 90 DAYS	
When you do this task, you must also do these tasks: (a) Service and depreservation for 7 day (1 week) cycles. (b) Service and depreservation for 14 day (2 week) cycles. (c) Service and depreservation for 30 day (1 month) cycles. (d) Service and depreservation for 60 day (2 month) cycles.	
FUSELAGE AREAS	Do these steps: - check the surface for stains - apply corrosion compound to radome latches - wash airplane
FUSELAGE AREAS (UNPAINTED EXTERNAL AREAS)	Do these steps: - Remove temporary protective coating (if necessary) - check coating for damage and look for corrosion
EQUIPMENT AND FURNISHING	Do these steps - remove desiccant bags - close all cabinet, closet, and interior doors
WING LEADING EDGE, TRAILING EDGE, AND EMPENNAGE HORIZONTAL AND VERTICAL STABILIZERS	Do these steps: Do a functional test: slats, flaps, spoilers - look for corrosion in flaps and slats and spoilers - lubricate flap and slat components - remove snow
LANDING GEAR	Do these steps: - install all landing gear downlock pin safety hardware - install ground locks - landing gear control handle down - landing gear doors closed - remove wheel covers - remove tiedowns - jack airplane if necessary - test alternate extension system - examine the door seals - inspect wheel bearings - lower airplane off jacks - service the struts - remove corrosion - clean oleo - lubricate all fittings

Table 217/10-11-02-993-806 (Continued)

DEPRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done at the start of removal from storage	
PUT THE AIRPLANE BACK TO A SERVICEABLE CONDITION AFTER A STORAGE OF MORE THAN 60 DAYS (2 MONTHS) BUT LESS THAN 90 DAYS	
When you do this task, you must also do these tasks: (a) Service and depreservation for 7 day (1 week) cycles. (b) Service and depreservation for 14 day (2 week) cycles. (c) Service and depreservation for 30 day (1 month) cycles. (d) Service and depreservation for 60 day (2 month) cycles.	
OXYGEN	Do these steps: - check hydrostatic dates - flush oxygen system (if necessary) - install crew oxygen cylinders - open cylinder shutoff valves - install passenger oxygen cylinders - install crew oxygen masks - check chemical generators - do a mask drop check if necessary
AIR CONDITIONING	Do these steps: - open all external openings - put outflow valves in auto mode - operate ECS - do a MAT test - remove all external covers
FLIGHT COMPARTMENT	Do these steps: - drain pitot-static system - test systems specified in the procedure - check portable fire extinguisher - remove seat covers
ELECTRICAL/ELECTRONIC	- for engine and APU runs, connect batteries for fire protection - apply temporary protective coating (if necessary) - check coating for damage and look for corrosion

Table 218/10-11-02-993-807

DEPRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done at the start of removal from storage	
PUT THE AIRPLANE BACK TO A SERVICEABLE CONDITION AFTER A STORAGE OF MORE THAN 90 DAYS (3 MONTHS) BUT LESS THAN 180 DAYS	
When you do this task, you must also do these tasks: (a) Service and depreservation for 7 day (1 week) cycles. (b) Service and depreservation for 14 day (2 week) cycles. (c) Service and depreservation for 30 day (1 month) cycles. (d) Service and depreservation for 60 day (2 month) cycles. (e) Service and depreservation for more than 90 days.	
AIRPLANE AREA	ABBREVIATED PROCEDURE

Table 218/10-11-02-993-807 (Continued)

DEPRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done at the start of removal from storage	
PUT THE AIRPLANE BACK TO A SERVICEABLE CONDITION AFTER A STORAGE OF MORE THAN 90 DAYS (3 MONTHS) BUT LESS THAN 180 DAYS	
When you do this task, you must also do these tasks: (a) Service and depreservation for 7 day (1 week) cycles. (b) Service and depreservation for 14 day (2 week) cycles. (c) Service and depreservation for 30 day (1 month) cycles. (d) Service and depreservation for 60 day (2 month) cycles. (e) Service and depreservation for more than 90 days.	
LANDING GEAR	Do the landing gear shock strut servicing and check for leaks if pressure is low
FLIGHT CONTROLS	Lubricate the flight controls

Table 219/10-11-02-993-808

DEPRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done at the start of removal from storage	
PUT THE AIRPLANE BACK TO A SERVICEABLE CONDITION AFTER A STORAGE OF MORE THAN 180 DAYS (6 MONTHS) BUT LESS THAN 1 YEAR	
When you do this task, you must also do these tasks: (a) Service and depreservation for 7 day (1 week) cycles. (b) Service and depreservation for 14 day (2 week) cycles. (c) Service and depreservation for 30 day (1 month) cycles. (d) Service and depreservation for 60 day (2 month) cycles. (e) Service and depreservation for more than 60 days. (d) Service and depreservation for 90 day (3 month) cycles.	
AIRPLANE AREA	ABBREVIATED PROCEDURE
FUSELAGE	Do these steps: - remove all the tape on all fuselage openings
LANDING GEAR	Do these steps: - remove grease from external surfaces (if applied) - examine landing gear for corrosion - put new grease on areas where removed - lubricate specified landing gear areas - lubricate the main landing gear door up-lock hooks with grease

Table 220/10-11-02-993-809

DEPRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done at the start of removal from storage	
PUT THE AIRPLANE BACK TO A SERVICEABLE CONDITION AFTER A STORAGE OF 365 DAYS (1 YEAR)	
When you do this task, you must also do these tasks: (a) Service and depreservation for 7 day (1 week) cycles. (b) Service and depreservation for 14 day (2 week) cycles. (c) Service and depreservation for 30 day (1 month) cycles. (d) Service and depreservation for 60 day (2 month) cycles. (e) Service and depreservation for more than 60 days. (d) Service and depreservation for 90 day (3 month) cycles. (d) Service and depreservation for 180 day (6 month) cycles.	
AIRPLANE AREA	ABBREVIATED PROCEDURE

Table 220/10-11-02-993-809 (Continued)

DEPRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done at the start of removal from storage	
PUT THE AIRPLANE BACK TO A SERVICEABLE CONDITION AFTER A STORAGE OF 365 DAYS (1 YEAR)	
When you do this task, you must also do these tasks: (a) Service and depreservation for 7 day (1 week) cycles. (b) Service and depreservation for 14 day (2 week) cycles. (c) Service and depreservation for 30 day (1 month) cycles. (d) Service and depreservation for 60 day (2 month) cycles. (e) Service and depreservation for more than 60 days. (d) Service and depreservation for 90 day (3 month) cycles. (d) Service and depreservation for 180 day (6 month) cycles.	
FUEL	Do these steps: - drain fuel from one main tank - open main tank - check tank for corrosion - if corrosion found, drain and check all tanks - check wing dry bay for corrosion - if corrosion found, remove corrosion - close all fuel tanks when applicable - put greater than 10% fuel capacity (approximately 20%) into the fuel tanks - check fuel/biocide ratio - put biocide into fuel tanks (if required) - operate fuel boosts and override pumps to purge with new fuel - remove screen over surge tank vents and center dry bay opening and remove flag - close main tank - remove woven screen mesh material from both surge tank vent openings and the center dry bay opening - inspect one main fuel tank for corrosion - service the fuel tanks - pressure refueling - do a check of the fuel lines and component - drain all water in sumps and surge tanks - fuel airplane

Table 221/10-11-02-993-810

DEPRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done at the start of removal from storage	
PUT THE AIRPLANE BACK TO A SERVICEABLE CONDITION AFTER A STORAGE OF 730 DAYS (2 YEARS)	
When you do this task, you must also do these tasks: (a) Service and depreservation for 7 day (1 week) cycles. (b) Service and depreservation for 14 day (2 week) cycles. (c) Service and depreservation for 30 day (1 month) cycles. (d) Service and depreservation for 60 day (2 month) cycles. (e) Service and depreservation for more than 60 days. (d) Service and depreservation for 90 day (3 month) cycles. (d) Service and depreservation for 180 day (6 month) cycles. (d) Service and depreservation for 365 day (1 year) cycles.	
AIRPLANE AREA	ABBREVIATED PROCEDURE

Table 221/10-11-02-993-810 (Continued)

DEPRESERVATION PROCEDURES - QUICK CHECK These procedures are to be done at the start of removal from storage	
PUT THE AIRPLANE BACK TO A SERVICEABLE CONDITION AFTER A STORAGE OF 730 DAYS (2 YEARS)	
When you do this task, you must also do these tasks: (a) Service and depreservation for 7 day (1 week) cycles. (b) Service and depreservation for 14 day (2 week) cycles. (c) Service and depreservation for 30 day (1 month) cycles. (d) Service and depreservation for 60 day (2 month) cycles. (e) Service and depreservation for more than 60 days. (d) Service and depreservation for 90 day (3 month) cycles. (d) Service and depreservation for 180 day (6 month) cycles. (d) Service and depreservation for 365 day (1 year) cycles.	
FUEL	Do all previous inspections - inspect one main fuel tank for corrosion and microbial growth - examine engine and wing dry bays for corrosion - apply corrosion inhibiting compound, BMS 3-23

——— END OF TASK ———

TASK 10-11-02-210-803

16. Put the Airplane back to service when parked/stored for 7 days (1 week) or more.

A. General

(1) You must use the depreservation prolonged parking/storage tasks that follow to put the airplane back to a airworthy service condition after prolonged parking/storage.

(2) Use this depreservation procedure to put the airplane back in service after the airplane is parked/stored for seven days (1 week) or more, but less than fourteen days (2 weeks).

B. References

Reference	Title
07-11-03-580-801	Lift the Airplane with Axle Jacks (P/B 201)
10-11-01-580-804	Park the Airplane (Normal Parking) (P/B 201)
12-11-01-650-801	Pressure Refueling (P/B 301)
12-11-02-680-801	Fuel Tank Sump Drain Valve - Water Removal/Sampling (P/B 301)
12-13-03-600-802	IDG Oil Fill (P/B 301)
12-14-01-600-810	Potable Water Tank - Fill (P/B 301)
12-15-01-610-810	Main Landing Gear Shock Strut Servicing (P/B 301)
12-15-02-610-805-002	Nose Landing Gear Shock Strut Servicing (P/B 301)
12-15-03-610-801	Landing Gear Tire Servicing (P/B 301)
12-17-01-610-801	Waste Tank Servicing (P/B 301)
12-21-11-640-802-002	Main Landing Gear Support Beam Lubrication (P/B 301)
12-21-12-640-801	Nose Landing Gear and Actuating Mechanism's Lower Components Lubrication (P/B 301)
12-21-12-640-802	Nose Landing Gear and Actuating Mechanism's Upper Components Lubrication (P/B 301)
12-21-13-640-801	Nose Landing Gear Doors and Actuating Mechanisms Lubrication (P/B 301)

(Continued)

Reference	Title
12-21-14-640-805-002	Upper Main Landing Gear and Actuating Mechanisms Lubrication (P/B 301)
12-21-14-640-806-002	Lower Main Landing Gear and Actuating Mechanisms Lubrication (P/B 301)
12-21-15-640-802-002	Main Landing Gear Doors and Actuating Mechanisms Lubrication (P/B 301)
12-25-01-100-801	Clean (Wet Wash) the External Surfaces of the Airplane (P/B 301)
12-25-01-100-802	Polish the External Surfaces of the Airplane (P/B 301)
20-41-00-910-801	Static Grounding (P/B 201)
21-00-00-800-803	Supply Conditioned Air with a Cooling Pack (P/B 201)
21-27-01-400-801	Equipment Cooling Controllers Installation (P/B 401)
21-61-01-400-801	Cabin Temperature Controller (CTC) Installation (P/B 401)
24-22-00-860-801	Supply Primary External Power (P/B 201)
24-30-00-700-804	Main Battery Charge Capacity - System Test (P/B 501)
24-30-00-700-805	APU Battery Charge Capacity - System Test (P/B 501)
24-31-05-420-801	Restore APU Battery Power (P/B 201)
25-11-01-400-801	Captain and First Officer Seat - Installation (P/B 401)
25-11-03-400-801	First Observer Seat - Installation (P/B 401)
25-11-03-400-802	Second Observer Seat - Installation (P/B 401)
25-25-01-400-801	Passenger Seat - Installation (P/B 401)
25-25-06-400-801	Attendant Seat Installation (P/B 401)
25-25-06-400-802	Attendant Seat Installation (P/B 401)
25-25-06-400-806	Attendant Seat Installation (P/B 401)
25-41-08-200-801	Lavatory Waste Compartment Inspection (P/B 601)
25-62-01-200-801	Life Vest Inspection (P/B 201)
25-64-02-710-801	Megaphone Operational Test (P/B 201)
25-64-02-960-801	Megaphone Battery Replacement (P/B 201)
25-66-01-200-801	Door-Mounted Escape Slide Pack Inflation Cylinder Check (P/B 601)
25-66-01-400-801	Door-Mounted Escape Slide Pack Installation (P/B 401)
26-11-00-710-801	Engine Fire Detection Operational Test (P/B 501)
26-15-00-710-801	APU Fire Detection Operational Test (P/B 501)
26-16-00-710-801	Lower Cargo Compartment Smoke Detection Operational Test (P/B 501)
26-16-00-730-801	Lower Cargo Compartment Smoke Detection System Test (P/B 501)
26-23-00-710-801	Cargo Fire Extinguishing Bottle Pressure Switch - Operational Test (P/B 501)
26-23-00-710-802	Cargo Fire Extinguishing Squibs - Operational Test (P/B 501)
27-51-00-860-804	Extend the Trailing Edge Flaps (P/B 201)
27-51-00-860-805	Retract the Trailing Edge Flaps (P/B 201)
27-61-00-700-801	Spoiler Operational Test (P/B 501)
27-81-00-860-804	Extend the Leading Edge Slats (P/B 201)

(Continued)

Reference	Title
27-81-00-860-805	Retract the Leading Edge Slats (P/B 201)
28-11-00-790-801	Fuel Leak Detection Procedures (P/B 601)
30-31-00-700-802	Pitot/Angle of Attack Probe Heat and Current Sensing Relay Operational Test (CMCF Available) (P/B 501)
30-42-00-700-801	Windshield Wiper System - Operational Test (P/B 501)
32-00-30-480-801	Landing Gear Downlock Pins Installation (P/B 201)
32-00-40-860-801	Landing Gear Ground Door Release System Operation (Close the Doors) (P/B 201)
32-21-11-400-803	Nose Landing Gear Torsion Link Connection (P/B 201)
32-35-00-710-801	Landing Gear Alternate Extension System - Operational Test (Airplane on the Ground) (P/B 501)
32-35-00-720-801	Landing Gear Alternate Extension System - Operational Test (Airplane on the Jacks) (P/B 501)
32-45-01-000-801	Main Landing Gear Wheel and Tire Assembly Removal (P/B 401)
32-45-01-400-801	Main Landing Gear Wheel and Tire Assembly Installation (P/B 401)
32-45-02-000-801	Nose Landing Gear Wheel and Tire Assembly Removal (P/B 401)
32-45-02-400-801	Nose Landing Gear Wheel and Tire Assembly Installation (P/B 401)
32-45-03-700-802	Wheels Inspection (Wheel Removed from the Airplane) (P/B 601)
33-51-00-720-801	Emergency Lights - Functional Test (P/B 501)
33-51-06-960-802	Power Supply - Battery Pack Replacement (P/B 201)
33-51-06-960-803	Power Supply - Power Supply Replacement (P/B 201)
34-11-00-170-802	Static and Total Air Pressure System - Servicing (P/B 301)
34-11-00-790-801	Left Static System Low-range Leak Test (P/B 501)
34-21-01-400-801	Air Data Inertial Reference Unit - Installation (P/B 401)
34-21-02-400-801	Secondary Attitude Air Data Reference Unit Installation (P/B 401)
35-21-01-210-801	Oxygen Generator Check (P/B 201)
38-10-00-600-801	Potable Water System - Disinfectant (P/B 201)
38-10-00-790-801	Potable Water System - Leak Test (P/B 201)
38-32-00-420-801	Toilet Activation (P/B 201)
47-21-00-700-802	Nitrogen Enriched Air Distribution System (NEADS) Line - Visual Inspection (P/B 601)
47-31-02-740-804	BDU Ground Test Menu (P/B 201)
49-11-00-630-801	APU Depreservation (P/B 201)
52-12-15-200-801	Mode Select Mechanism Check (P/B 201)
71-00-03-600-806-H01	Depreservation of An Installed Engine (P/B 201)

C. Consumable Materials

Reference	Description	Specification
B00643	Remover - Alkaline Removable Coating	BMS15-12 Type II

(Continued)

Reference	Description	Specification
B50078	Solvent - Aliphatic Naphtha (For Organic Coatings)	TT-N-95 Type I (Supersedes BMS3-2 Type I)
G02444	Tag - Red Paper, "STATIC PORTS COVERED" - 3 inches (76.2 mm) Wide, 6 inches (152.4 mm) Long	
G02447	Tag - Red Paper, "PITOT PROBES COVERED" - 3 inches (76.2 mm) Wide, 6 inches (152.4 mm) Long	

D. Fuselage

SUBTASK 10-11-02-630-035

(1) Do the depreservation of the fuselage.

WARNING FAILURE TO REMOVE COVERS FROM PITOT PROBES BEFORE FLIGHT MAY CAUSE LARGE ERRORS IN AIRSPEED-SENSING AND ALTITUDE-SENSING SIGNALS WHICH MAY LEAD TO LOSS OF SAFE FLIGHT.

CAUTION REMOVE ALL COVERS. ENGINES SHOULD NOT BE OPERATED WITH COVERS IN PLACE BECAUSE THE COVERS CAN COME OFF AND DAMAGE THE ENGINES.

CAUTION MAKE SURE THE PROBE COVER IS IN GOOD WORKING CONDITION WITH NO EVIDENCE OF DAMAGE, ESPECIALLY FRAYING AROUND THE COVER OPENING. FRAYED FIBERS FROM THE COVER COMBINED WITH OTHER SUBSTANCES SUCH AS DIRT, GREASE AND FLUIDS CAN CAUSE OBSTRUCTION IN THE PROBE.

(a) Remove the pitot probe covers.

NOTE: The pitot probes are located on the forward external part of the airplane.

(b) Remove the "PITOT PROBES COVERED" tag, G02447 from the left control wheel in the flight deck.

WARNING FAILURE TO REMOVE BARRICADE TAPE AND VINYL ADHESIVE TAPE FROM THE STATIC PORTS BEFORE FLIGHT MAY CAUSE LARGE ERRORS IN AIRSPEED-SENSING AND ALTITUDE-SENSING SIGNALS, WHICH MAY LEAD TO LOSS OF SAFE FLIGHT.

CAUTION REMOVE ALL BARRICADE TAPE AND VINYL ADHESIVE TAPE FROM ALL STATIC PORTS. ENGINES SHOULD NOT BE OPERATED WITH COVERINGS IN PLACE BECAUSE THE COVERINGS CAN COME OFF AND DAMAGE THE ENGINES.

(c) Remove all barricade tape and vinyl adhesive tape from all of the static ports.

1) Inspect each static port and if necessary use naphtha or equivalent to remove all tape residue, dirt and other contaminants around the port.

(d) Remove the "STATIC PORTS COVERED" tag, G02444 from the left control wheel in the flight deck.

(e) Remove the fabric sheeting and adhesive tape from the angle-of-attack (AOA) sensors.

1) Inspect each AOA sensor and use aliphatic naphtha, B50078 or equivalent to remove all tape residue, dirt, and other contaminants around the AOA sensors, if necessary.

(f) Remove the “AOA SENSORS COVERED” tag from the left control wheel in the flight deck.

(g) Remove the covers on the forward external areas that follow: temperature probe and ice detector.

1) Make sure that these circuit breakers are closed:

Left Power Management Panel, P110

Row	Col	Number	Name
D	25	C30411	TAT PROBE HTR
D	26	C30409	AOA PROBE HTR L
G	5	C30405	PH B PITOT PROBE HTR L
H	6	C30424	PH C PITOT PROBE HTR L
M	25	C30624	PROBE/VANE HTR CTRL L

Right Power Management Panel, P210

Row	Col	Number	Name
D	1	C30408	AOA PROBE HTR R
D	5	C30404	PH B PITOT PROBE HTR R
E	4	C30423	PH C PITOT PROBE HTR R
G	26	C30425	PH C PITOT PROBE HTR C
L	10	C30623	PROBE/VANE HTR CTRL R
L	11	C30625	PITOT PROBE HTR C CTRL

(h) Remove the temporary protective coating with remover, B00643 if it was applied.

(i) Make sure all of the airplane drains are open and clean.

1) Examine all of the airplane surfaces for corrosion or staining.

(j) Remove the tape and the covers from all of the doors, and access panels.

(k) Remove the cheesecloth covers, red flags, and tape from all of the vent and openings.

(l) Clean the airplane, do these tasks: Clean (Wet Wash) the External Surfaces of the Airplane, TASK 12-25-01-100-801 and Polish the External Surfaces of the Airplane, TASK 12-25-01-100-802.

(m) Lubricate all of the doors at the locations that follow:

1) External mechanisms

2) Door Hinges

3) External handle housings.

(n) Examine all door seals for flat spots or deterioration.

(o) Make sure the inside handles on the entry and cargo doors open and closing forces are correct.

(p) Make sure the passenger entry door arm/disarm handle does not bind.

1) Make sure the girt bar carrier lock arm mechanisms rotate correctly.

E. Wing Leading Edge, Trailing Edge, and Empennage Horizontal and Vertical Stabilizers

SUBTASK 10-11-02-630-036

(1) Do the depreservation of the wing leading edge, trailing edge, and empennage horizontal and vertical stabilizers.

NOTE: If the storage time was less than 60 days (two months), no external protection (except for the covers of the gust suppression and static air pressure ports) of the specified areas was necessary. This was if there were no unusual weather conditions and the atmospheric contamination did not cause damage to the external surface of the airplane.

(a) Wash the specified airplane surfaces if it is necessary, do this task: Clean (Wet Wash) the External Surfaces of the Airplane, TASK 12-25-01-100-801.

NOTE: Wash/clean the airplane to get a good surface condition to check the areas for leaks, corrosion, staining, or other deterioration.

(b) If for outside storage, there were high winds, or exposure to corrosive substances, or industrial pollutants, do the step that follows:

1) Inspect all wing and empennage composite panels to see if the paint is satisfactory.

NOTE: When you find the paint chipping or peeling, the surfaces must be repainted or covered. This is to protect them from Ultra Violet (UV) radiation.

(c) Do a functional test of the slats, do these tasks: Retract the Leading Edge Slats, TASK 27-81-00-860-805 and Extend the Leading Edge Slats, TASK 27-81-00-860-804.

(d) Do a functional test of the flaps, do these tasks: Extend the Trailing Edge Flaps, TASK 27-51-00-860-804 and Retract the Trailing Edge Flaps, TASK 27-51-00-860-805.

(e) Do a functional test of the spoilers, do this task: Spoiler Operational Test, TASK 27-61-00-700-801.

(f) Examine the spoilers for corrosion.

(g) Examine all drain holes in the structure to make sure they are open and permit water to drain freely.

NOTE: Make sure the control rods and structural strut drain holes are open.

(h) Lubricate all flap and slat components.

NOTE: Do this if the storage has been more than 60 days or if it has been more than 60 days since the last lubrication.

(i) Lubricate all horizontal and vertical stabilizer components.

NOTE: Do this if the storage has been more than 60 days or if it has been more than 60 days since the last lubrication.

F. Landing Gear

SUBTASK 10-11-02-630-037

(1) Do the depreservation of the landing gear.

(a) Before the airplane hydraulic systems are pressurized, do the steps that follow:

1) Install the main and nose landing gear ground locks, do this task: Landing Gear Downlock Pins Installation, TASK 32-00-30-480-801.

2) Make sure the landing gear control handle in the first officer's instrument panel is in the DOWN position.

WARNING MAKE SURE THAT ALL PERSONS AND EQUIPMENT ARE CLEAR OF THE LANDING GEAR DOORS. THE QUICK MOVEMENT OF THE DOORS CAN CAUSE INJURY TO PERSONS OR DAMAGE TO EQUIPMENT.

3) Make sure the landing gear doors are closed, do this task: Landing Gear Ground Door Release System Operation (Close the Doors), TASK 32-00-40-860-801.

a) Make sure the main gear ground door release handles located aft of the main gear doors are in the DOOR CLOSED position.

NOTE: If the airplane was stored for more than 90 days, make sure the specified force to move the handle to the down position is correct.

(b) Remove all brake/wheel covers.

(c) Remove all mooring restraints if they were installed.

(d) Connect the torsion link of the nose landing gear if it was disconnected, do this task: Nose Landing Gear Torsion Link Connection, TASK 32-21-11-400-803

(e) Do the tests of the alternate extension system that follow:

1) Do this task: Landing Gear Alternate Extension System - Operational Test (Airplane on the Ground), TASK 32-35-00-710-801.

2) If there is a malfunction during the test, do this task: Landing Gear Alternate Extension System - Operational Test (Airplane on the Jacks), TASK 32-35-00-720-801.

(f) Examine all of the door seals of the landing gear for flat spots and deteriorations.

(g) Remove the wheel chocks and covers from all of the wheels.

(h) Do the steps that follow to do and inspection of the wheel bearings:

1) Do this task: Lift the Airplane with Axle Jacks, TASK 07-11-03-580-801.

2) Do these tasks: Main Landing Gear Wheel and Tire Assembly Removal, TASK 32-45-01-000-801 and Nose Landing Gear Wheel and Tire Assembly Removal, TASK 32-45-02-000-801.

3) Do this task: Wheels Inspection (Wheel Removed from the Airplane), TASK 32-45-03-700-802.

4) Do this task: Main Landing Gear Wheel and Tire Assembly Installation, TASK 32-45-01-400-801 and Nose Landing Gear Wheel and Tire Assembly Installation, TASK 32-45-02-400-801.

NOTE: If worn tires were installed while the airplane was stored, install new tires.

5) Make sure the tires are inflated to the correct pressures, do this task: Landing Gear Tire Servicing, TASK 12-15-03-610-801

6) Lower the airplane and remove the jacks, do this task: Lift the Airplane with Axle Jacks, TASK 07-11-03-580-801

(i) Do the service of the landing gear shock struts, do these tasks: Main Landing Gear Shock Strut Servicing, TASK 12-15-01-610-810 and do these tasks: Nose Landing Gear Shock Strut Servicing, TASK 12-15-02-610-805-002

(j) Remove all of the corrosion preventive compound from the unpainted components on the landing gear.

NOTE: Soak and scrub the parts with BMS 3-2 and then vapor de-grease the parts if it is necessary.

(k) Remove the grease from the surface of the oleo inner cylinder if it was applied.

(l) Lubricate all of the landing gear fittings:

1) Do these tasks: Main Landing Gear Support Beam Lubrication, TASK 12-21-11-640-802-002

2) Do this task: Nose Landing Gear and Actuating Mechanism's Upper Components Lubrication, TASK 12-21-12-640-802

3) Do this task: Nose Landing Gear and Actuating Mechanism's Lower Components Lubrication, TASK 12-21-12-640-801

4) Do this task: Nose Landing Gear Doors and Actuating Mechanisms Lubrication, TASK 12-21-13-640-801

5) Do these tasks: Upper Main Landing Gear and Actuating Mechanisms Lubrication, TASK 12-21-14-640-805-002

6) Do these tasks: Lower Main Landing Gear and Actuating Mechanisms Lubrication, TASK 12-21-14-640-806-002

7) Do these tasks: Main Landing Gear Doors and Actuating Mechanisms Lubrication, TASK 12-21-15-640-802-002

ARO 001-004

G. Tail Skid

SUBTASK 10-11-02-630-038

(1) Extend the tail skid.

SUBTASK 10-11-02-420-004

(2) Install the downlock pin (remove before flight).

ARO ALL

H. Fuel

SUBTASK 10-11-02-630-039

(1) Do the depreservation of the fuel system

(a) Remove the woven screen mesh material from both surge tank vent openings and the center dry bay opening.

1) Make sure you remove the red flags.

(b) Service the fuel tanks if it is necessary for planned flight, do this task: Pressure Refueling, TASK 12-11-01-650-801

(c) Do a check for fuel leaks in these areas (TASK 28-11-00-790-801):

1) External wing surfaces.

2) Front wing spar.

3) Rear wing spar.

4) Center fuel tank.

5) Fuel lines and connections.

6) APU fuel shroud drain.

(d) Make a check of the center dry bay drain (if there is a center dry bay) at the fuel drain mast for signs of fuel leakage.

NOTE: This is located along the keel beam forward of the aft edge of the main landing gear door.

(e) Drain all water that has collected in the sumps of the fuel tanks and the surge tanks, do this task: Fuel Tank Sump Drain Valve - Water Removal/Sampling, TASK 12-11-02-680-801

I. Power Plant

SUBTASK 10-11-02-630-040

(1) Do the depreservation of the power plant.

ARO ALL; AIRPLANES WITH GE ENGINES

(a) Airplanes with General Electric engines, do the engine depreservation, do this task: Depreservation of An Installed Engine, TASK 71-00-03-600-806-H01.

ARO ALL

SUBTASK 10-11-02-610-001

(2) Do the depreservation of the Integrated Drive Generator (IDG).

(a) Do the IDG depreservation, do this task: IDG Oil Fill, TASK 12-13-03-600-802.

J. APU

SUBTASK 10-11-02-630-041

(1) Do the depreservation of the APU, do this task: APU Depreservation, TASK 49-11-00-630-801

(a) Remove the exhaust and cooling air covers.

(b) Do a check of the APU fire Detection and extinguishing systems, do this task: APU Fire Detection Operational Test, TASK 26-15-00-710-801

K. Electrical/Electronic

SUBTASK 10-11-02-630-042

(1) Do the depreservation of the electrical/electronic systems.

NOTE: Before electrical power is applied, visually make sure all control lever positions agree with the movable control surface positions.

(a) Make sure there is an electrical ground on the airplane, do these tasks: Static Grounding, TASK 20-41-00-910-801 and Park the Airplane (Normal Parking), TASK 10-11-01-580-804.

(b) Install the inertial reference systems if they were removed:

1) Do this task: Air Data Inertial Reference Unit - Installation, TASK 34-21-01-400-801.

2) Do this task: Secondary Attitude Air Data Reference Unit Installation, TASK 34-21-02-400-801.

(c) Connect the APU battery, do this task: Restore APU Battery Power, TASK 24-31-05-420-801

(d) Install the emergency light batteries, do this task: Power Supply - Battery Pack Replacement, TASK 33-51-06-960-802

1) If the emergency light batteries stayed on the airplane during storage, do the step that follows:

NOTE: If you disconnected the wires to the battery packs from the electrical power source, connect the wires.

a) Make sure the circuit breakers for charging the emergency light batteries are closed.

b) If you removed the battery cartridges from the airplane, install the cartridges.

(e) Install the megaphone battery: do these tasks: Megaphone Operational Test, TASK 25-64-02-710-801 and Megaphone Battery Replacement, TASK 25-64-02-960-801.

(f) Install the batteries from the light modules at the main entry doors 1, 2, 4, and 5 (if applicable), do this task: Power Supply - Power Supply Replacement, TASK 33-51-06-960-803.

(g) Install the batteries from the light modules at the overwing exit doors 3 (if applicable), do this task: Power Supply - Power Supply Replacement, TASK 33-51-06-960-803.

(h) Install all of the other batteries:

1) Make a check of the batteries in the emergency radio beacons.

NOTE: These batteries are located in the slide/raft covers and the life raft. These batteries are only activated when they are touched by water.

2) Install the flashlight batteries and other equivalent non-rechargeable batteries.

NOTE: These batteries could have been moved to other areas, or other airplanes. If they were, install new batteries when the airplane is put back in service.

(i) Close all the applicable circuit breakers for the electrical/electronic components.

(j) Remove the safety tag and close this circuit breaker:

Overhead Circuit Breaker Panel, P11

Row	Col	Number	Name
A	22	C32615	LDG GEAR PARKING BRAKE VALVE

NOTE: These circuit breakers are for the parking brake valve.

NOTE: If the circuit breakers for the Antiskid/Autobrake Control Unit were opened to prevent EICAS and BITE message errors, close these circuit breakers.

(k) Close all of the applicable circuit breakers on the overhead circuit breaker panel.

(l) Close the circuit breakers on the main power distribution panels P110 and P210.

WARNING MAKE SURE THAT THE CIRCUIT BREAKERS IN THE SUBSEQUENT STEP ARE OPEN. IF THEY ARE CLOSED, THE FIRE EXTINGUISHER BOTTLES CAN RELEASE THEIR CONTENTS. THIS CAN CAUSE INJURIES TO PERSONNEL.

(m) Open this circuit breaker and install safety tag:

Standby Power Management Panel, P310

Row	Col	Number	Name
L	7	C26639	FIRE EXT CGO BTL 2A,2B & 2C

(n) Apply electrical power to all the electrical/electronic equipment in the airplane for a minimum of 2 hours, do this task: Supply Primary External Power, TASK 24-22-00-860-801

1) Make sure the main battery is in the fully charged condition, do this task: Main Battery Charge Capacity - System Test, TASK 24-30-00-700-804

2) Make sure the APU battery is in the fully charged condition, do this task: APU Battery Charge Capacity - System Test, TASK 24-30-00-700-805

CAUTION

DO NOT TURN ON THE EMERGENCY LIGHT SYSTEM IF POWER HAS NOT BEEN APPLIED TO THE INSTALLED SYSTEM WHILE THE AIRPLANE WAS PARKED FOR 6 DAYS OR MORE. DO NOT TURN ON THE SYSTEM FOR A MINIMUM OF 90 MINUTES AFTER YOU APPLY ELECTRICAL POWER. DO NOT DO A FUNCTIONAL TEST UNTIL THE BATTERIES HAVE BEEN CHARGED FOR A MINIMUM OF 90 MINUTES. THIS IS NECESSARY BECAUSE THE SYSTEM MUST BE CHARGED BEFORE IT IS ABLE TO OPERATE CORRECTLY.

3) Make sure the Emergency Light System battery packs are in the fully charged condition.

NOTE: The battery packs in the emergency light power supplies are continuously charged when electrical power is supplied to the airplane, unless the emergency light switches are set to the on mode. If the battery packs are fully drained, maximum time necessary to charge them is 90 minutes.

CAUTION

DO NOT TURN ON THE EMERGENCY LIGHT SYSTEM IF POWER HAS NOT BEEN APPLIED TO THE INSTALLED SYSTEM WHILE THE AIRPLANE WAS PARKED FOR 6 DAYS OR MORE. DO NOT TURN ON THE SYSTEM FOR A MINIMUM OF 90 MINUTES AFTER YOU APPLY ELECTRICAL POWER. DO NOT DO A FUNCTIONAL TEST UNTIL THE BATTERIES HAVE BEEN CHARGED FOR A MINIMUM OF 90 MINUTES. THIS IS NECESSARY BECAUSE THE SYSTEM MUST BE CHARGED BEFORE IT IS ABLE TO OPERATE CORRECTLY.

4) Do the system test of the emergency light system, do this task: Emergency Lights - Functional Test, TASK 33-51-00-720-801.

NOTE: The battery packs in the emergency light power supplies are continuously charged when electrical power is supplied to the airplane, unless the emergency light switches are set to the on mode. If the battery packs are fully drained, maximum time necessary to charge them is 90 minutes.

(o) Remove the safety tag and close this circuit breaker:

Standby Power Management Panel, P310

Row	Col	Number	Name
L	7	C26639	FIRE EXT CGO BTL 2A,2B & 2C

(p) Make sure the applicable switches are returned to the correct position after the power is disconnected.

L. Flight Compartment Equipment and Related Instruments

SUBTASK 10-11-02-630-043

(1) Do the depreservation of the flight compartment and related instrument systems.

(a) Make sure the pitot-static systems are drained, do this task: Static and Total Air Pressure System - Servicing, TASK 34-11-00-170-802.

NOTE: The drains are in the lower sections 41, 42, and 46. There are 27 drains.

(b) Do the tests of the systems that follow:

1) Do this task: Left Static System Low-range Leak Test, TASK 34-11-00-790-801.

2) Do this task: Pitot/Angle of Attack Probe Heat and Current Sensing Relay Operational Test (CMCF Available), TASK 30-31-00-700-802.

3) Do this task: Windshield Wiper System - Operational Test, TASK 30-42-00-700-801.

(c) Make sure all portable fire extinguishers are serviceable

(d) Remove the seat covers if they were installed.

M. Oxygen

SUBTASK 10-11-02-630-044

(1) Do the depreservation of the oxygen systems.

(a) Do the steps that follow if the airplane was in storage for less than 60 days (2 months):

1) Do this task: Oxygen Generator Check, TASK 35-21-01-210-801.

(b) Make sure the portable and system oxygen bottles are not due for hydrostatic tests.

N. Air Conditioning

SUBTASK 10-11-02-630-046

(1) Do the depreservation of the air conditioning systems.

(a) Drain the water from the water separators, aspirators, and connecting tubing.

(b) Remove the covers from the external openings to the air conditioning system that follow: the outflow valve, the over-pressure relief valve, the EE coding override venturi outlet, the air conditioning ram air inlet and exit, the two ground air connect flanges, the three pneumatic ground connect fittings, the static sense port.

1) Make sure there is no contamination or unwanted material.

(c) Make sure the FWD OUTFLOW VALVE and the AFT OUTFLOW VALVE - AUTO/MAN switchlights, on the PRESSURIZATION Module, in the pilot's overhead panel, P5, are in the AUTO position.

(d) If the components that follow were removed, install the components:

1) Cabin temperature controllers, do this task: Cabin Temperature Controller (CTC) Installation, TASK 21-61-01-400-801

2) Equipment cooling controllers, do this task: Equipment Cooling Controllers Installation, TASK 21-27-01-400-801

(e) Make sure the environmental control system operates correctly, do this task: Supply Conditioned Air with a Cooling Pack, TASK 21-00-00-800-803.

O. Hydraulic

SUBTASK 10-11-02-630-047

(1) Do the depreservation of the hydraulic systems.

(a) Remove the covers from the turbine exhaust ports of the air-driven hydraulic pump ports.

NOTE: Regular preflight procedures will satisfy these depreservation steps if the airplane storage time was less than two months (60 days).

P. Primary Flight Control System (PFCS)

SUBTASK 10-11-02-630-048

(1) Do the depreservation of the primary flight control system.

NOTE: Make sure you move all of the pilot controls and elevators, ailerons, flaperons, spoilers, and speedbrakes through their full range.

NOTE: Make sure the correct movement of the controls are shown on the Flight Control Synoptic Page of the EICAS and the trim indicators.

NOTE: Make sure the control column, the wheels, and the pedals are centered after they are released.

(a) Remove the covers from the flaperon cove door, if they are installed.

NOTE: Make sure there is no unwanted material in the area that can cause damage.

(b) If the airplane was in storage for 30 days or less, do the steps that follow:

1) Do these Maintenance Access Terminal (MAT) tests: PRIMARY FLIGHT COMPUTER self test, ACTUATOR CONTROL ELECTRONICS MONITORS.

(c) Remove the covers from the gust suppression transducer pressure ports that are on the vertical stabilizer

Q. Equipment and Furnishings

SUBTASK 10-11-02-630-049

(1) Do the depreservation of the airplane equipment and furnishings.

(a) Remove the carpet runners from the aisles if they were installed.

(b) Remove the protective waterproof cover from the carpet near the main deck doors if it was installed.

(c) Remove the cotton seat covers from the seats if the seats stayed in the airplane when you park the airplane for more than 7 days.

(d) Open the window shades if they were closed and the seats and the carpet were not removed.

(e) Make sure all the tray carriers and waste containers are empty and clean.

(f) Make sure the airsick bag containers and travel bag containers in the lavatories are empty and clean, do this task: Lavatory Waste Compartment Inspection, TASK 25-41-08-200-801.

(g) Make sure the galleys and toilets are in good condition.

(h) Install the seats and the carpet in the flight compartment (if it is applicable), do these tasks: Captain and First Officer Seat - Installation, TASK 25-11-01-400-801, First Observer Seat - Installation, TASK 25-11-03-400-801, and Second Observer Seat - Installation, TASK 25-11-03-400-802.

1) Make sure you examine the seats and carpet for moisture and mildew if they stayed on the airplane during the storage.

(i) Install the seats into the passenger compartment (if it is applicable), do this task: Passenger Seat - Installation, TASK 25-25-01-400-801.

1) Make sure you examine the seats for moisture and mildew if they stayed on the airplane during the storage.

(j) Install the seats into the passenger compartment (if it is applicable), do this task: Attendant Seat Installation, TASK 25-25-06-400-801 or Attendant Seat Installation, TASK 25-25-06-400-802 or Attendant Seat Installation, TASK 25-25-06-400-806.

1) Make sure you examine the seats for moisture and mildew if they stayed on the airplane during the storage.

(k) Install the carpet into the passenger compartment (if it is applicable).

1) Make sure you examine the carpet for moisture and mildew if they stayed on the airplane during the storage.

(l) For VIP airplanes; install the leather seats if it is applicable

NOTE: Moisture and severe cold can cause damage to the leather seats.

1) Put all the main entry doors in the manual mode and install the safety pins, do this task: Mode Select Mechanism Check, TASK 52-12-15-200-801.

(m) Do the steps that follow for the escape systems:

1) Install the slide/raft assemblies, do this task: Door-Mounted Escape Slide Pack Installation, TASK 25-66-01-400-801.

NOTE: Make sure that the batteries for the lights and the emergency locator beacon are installed in the slide/raft assemblies.

2) Make sure that the escape slide inflation cylinders are full, do this task: Door-Mounted Escape Slide Pack Inflation Cylinder Check, TASK 25-66-01-200-801.

3) Install the life vests, do these tasks: Life Vest Inspection, TASK 25-62-01-200-801.

R. Water and Waste

SUBTASK 10-11-02-630-050

(1) Do the depreservation of the airplane water and waste system.

(a) For airplanes where the potable water system has been maintained by flush and fill every three days, no further action is required.

(b) If the potable water system has been stored for a long time, do the steps that follow:

1) Remove the drain mast plugs from all of the drain masts.

a) Do this task: Potable Water System - Leak Test, TASK 38-10-00-790-801.

b) Do this task: Potable Water System - Disinfectant, TASK 38-10-00-600-801.

c) Do these tasks: Potable Water Tank - Fill, TASK 12-14-01-600-810.

(c) Remove the vent plugs from the vacuum blower outlets of the waste system.

(d) Recharge the toilet tanks and operate the flush system to make sure they operate correctly.

1) Do this task: Waste Tank Servicing, TASK 12-17-01-610-801.

2) Do this task: Toilet Activation, TASK 38-32-00-420-801.

S. Fire Protection System

SUBTASK 10-11-02-630-051

(1) Do the depreservation of the fire protection systems.

(a) Make sure the engine fire extinguishing system in the serviceable "full" condition, do this task: Engine Fire Detection Operational Test, TASK 26-11-00-710-801.

(b) Make sure the APU fire extinguishing system in the serviceable "full" condition, do this task: APU Fire Detection Operational Test, TASK 26-15-00-710-801.

(c) Make sure the passenger (if it is applicable) and crew fire extinguishers are installed and serviceable.

(d) Make sure the fire extinguisher bottles in the cargo compartment are fully charged, do these tasks: Cargo Fire Extinguishing Squibs - Operational Test, TASK 26-23-00-710-802 and Cargo Fire Extinguishing Bottle Pressure Switch - Operational Test, TASK 26-23-00-710-801.

NOTE: These fire extinguisher bottles and squibs must be installed and connected when the airplane is parked.

(e) Examine the smoke detectors and air sampling tubing for obstructions, dust, insects or other contamination.

(f) Do a test of the smoke detection system.

1) Do this task: Lower Cargo Compartment Smoke Detection Operational Test, TASK 26-16-00-710-801.

2) Do this task: Lower Cargo Compartment Smoke Detection System Test, TASK 26-16-00-730-801.

T. Nitrogen Generating System

SUBTASK 10-11-02-010-001

(1) Remove the covers from the dedicated ram inlet and outlet.

(2) Do an air leak check of the system, see this procedure: Nitrogen Enriched Air Distribution System (NEADS) Line - Visual Inspection, TASK 47-21-00-700-802.

(3) Do an Electrical and System IBIT test, see this task: BDU Ground Test Menu, TASK 47-31-02-740-804.

——— END OF TASK ———

TASK 10-11-02-210-804

17. Put the airplane back to service when parked/stored for 14 days (2 weeks) or more.

A. General

(1) You must use the depreservation prolonged parking/storage tasks that follow to put the airplane back to a airworthy service condition after prolonged parking/storage.

(2) Use this depreservation procedure to put the airplane back in service after the airplane is parked/stored for fourteen days (2 weeks) or more, but less than thirty days (1 month).

(3) Before you do this depreservation, you must do all the previous depreservation tasks.

B. References

Reference	Title
24-30-00-700-804	Main Battery Charge Capacity - System Test (P/B 501)
24-31-01-400-801	Main Battery Installation (P/B 401)
32-45-04-700-801	Tires Inspection (P/B 601)

C. When you do this task, you must also do these tasks:

SUBTASK 10-11-02-200-005

(1) Do the depreservation of the airplane.

(a) Service and depreservation for 7 day (1 week) cycles.

D. Electrical/Electronic

SUBTASK 10-11-02-200-006

(1) Do the depreservation of the electrical/electronic systems.

NOTE: Before electrical power is applied, visually make sure all control lever positions agree with the movable control surface positions.

(a) Install or connect the main batteries if it is applicable, do this task: Main Battery Installation, TASK 24-31-01-400-801

1) Do a check of the airplane batteries, do this task: Main Battery Charge Capacity - System Test, TASK 24-30-00-700-804

(b) Make sure the applicable switches are returned to the correct position after the power is applied.

(c) Perform reactivation testing of electrical systems.

E. Landing Gear

SUBTASK 10-11-02-200-007

(1) Do the depreservation of the landing gear systems.

(a) Check the tire pressure, do this task: Tires Inspection, TASK 32-45-04-700-801.

——— END OF TASK ———

TASK 10-11-02-210-805

18. Put the airplane back to service when parked/stored for 30 days (1 month) or more.

A. General

(1) You must use the depreservation prolonged parking/storage tasks that follow to put the airplane back to a airworthy service condition after prolonged parking/storage.

(2) Use this depreservation procedure to put the airplane back in service after the airplane is parked/stored for thirty days (1 month) or more, but less than sixty days (2 months).

(3) Before you do this depreservation, you must do all the previous depreservation tasks.

B. References

Reference	Title
12-16-02-100-801	Flight Compartment Glass Window - Inner Surface Cleaning (P/B 301)
12-16-03-100-801	Clean the Passenger Windows (P/B 301)
12-21-31-600-801	Control Cable Lubrication (P/B 301)
12-25-01-100-801	Clean (Wet Wash) the External Surfaces of the Airplane (P/B 301)
22-11-00-730-805	Control Column Backdrive - System Test (P/B 501)
22-11-00-730-806	Control Wheel Backdrive - System Test (P/B 501)
22-11-00-730-807	Rudder Pedal Backdrive - System Test (P/B 501)
24-30-00-700-804	Main Battery Charge Capacity - System Test (P/B 501)
24-31-01-400-801	Main Battery Installation (P/B 401)
24-35-01-400-801	Power Supply Assembly Installation (P/B 401)
24-35-02-400-801	FCDC Batteries Installation (P/B 401)
25-11-01-400-801	Captain and First Officer Seat - Installation (P/B 401)
25-11-03-400-801	First Observer Seat - Installation (P/B 401)
25-11-03-400-802	Second Observer Seat - Installation (P/B 401)

(Continued)

Reference	Title
27-11-00-700-802	Control Wheel and Cable Adjustment (Rigging) (P/B 501)
27-11-00-720-801	Control Wheel Force Versus Travel Test (P/B 501)
27-21-00-700-805	Rudder Pedal Adjustment and Travel Test (P/B 501)
27-21-00-800-801	Rudder Adjustment (Rigging) (P/B 501)
27-31-00-700-801	Elevator Power Control Unit Test (P/B 501)
27-31-00-700-806	Column Breakout Mechanism Test (P/B 501)
27-31-00-700-807	Control Column Damper Test (P/B 501)
27-31-00-700-808	Control Column Travel Test (P/B 501)
27-31-00-800-802	Control Column Adjustment (Rigging) (P/B 501)
27-41-00-700-801	Stabilizer System Test (P/B 501)
27-41-00-700-802	Alternate Pitch Trim Lever Position Switch Test (P/B 501)
27-41-00-700-804	Alternate Pitch Trim Operational Test (P/B 501)
27-51-00-860-801	Trailing Edge Flap System Operation With Primary Control (P/B 201)
27-51-00-860-803	Trailing Edge Flap System Operation With Secondary Control (P/B 201)
27-58-00-710-801	Flap Position Indication System - Operational Test (P/B 501)
27-81-00-720-801	Slat System Alternate Control Test (P/B 501)
27-81-00-740-802	Slat System Secondary Control Test (P/B 501)
27-88-00-710-801	Slat Position Indication System - Operational Test (P/B 501)
31-51-00-730-801	Warning Electronic System - System Test (P/B 501)
45-10-00-910-810	How to Operate the MAT in the Flight Compartment (P/B 201)
52-12-19-400-801	Emergency Power Assist System (EPAS) Battery Pack Installation (PED 3) (P/B 401)
52-12-20-400-802-002	Emergency Power Assist System (EPAS) Battery Pack Installation (PED 1, 2, 4, 5) (P/B 401)
52-12-24-400-802	Over Wing Escape System Backup Battery Pack Installation (P/B 401)

C. When you do this task, you must also do these tasks:

SUBTASK 10-11-02-630-052

(1) Do the depreservation of the airplane.

(a) Service and depreservation for 7 days (1 week) cycles.

(b) Service and depreservation for 14 days (2 weeks) cycles.

D. Fuel

SUBTASK 10-11-02-680-003

(1) Do these steps:

(a) Drain water from sump and surge tanks.

E. Equipment and Furnishings

SUBTASK 10-11-02-200-008

(1) Do these steps:

(a) Check seats and carpet for moisture.

NOTE: The humidity should have been less than 70 percent during the airplane storage to keep seats and carpets from being damp and growing mildew.

F. Fuselage

SUBTASK 10-11-02-200-009

(1) Do the depreservation of the fuselage.

(a) Wash the specified airplane surfaces if it is necessary, do this task: Clean (Wet Wash) the External Surfaces of the Airplane, TASK 12-25-01-100-801.

NOTE: Wash/clean the airplane to get a good surface condition to check the areas for leaks, corrosion, staining, or other deterioration.

(b) Examine all of the airplane surfaces for corrosion or staining.

G. Electrical/Electronic

SUBTASK 10-11-02-200-010

(1) Do the depreservation of the electrical/electronic systems.

(a) Make sure all switches that are not necessary are in the OFF position.

NOTE: This does not include the switches used to activate the systems.

(b) Install the applicable electrical equipment rack-mounted flight control direct current (FCDC) batteries, do this task: FCDC Batteries Installation, TASK 24-35-02-400-801

1) M24102 Left FCDC battery located on the E1-6 equipment shelf.

2) M24202 Right FCDC battery located on the E5-2 equipment shelf.

3) M24302 Center FCDC battery located on the E2-5 equipment shelf.

(c) Close the "BATT INTLK" circuit breaker (D8) on the face of the following flight control power supply assemblies (PSA): Install the applicable rack-mounted electronic PSA, do this task: Power Supply Assembly Installation, TASK 24-35-01-400-801.

1) M24101 Left PSA located on the E1-6 equipment shelf.

2) M24201 Right PSA located on the E5-1 equipment shelf.

3) M24301 Center PSA located on the E2-6 equipment shelf.

(d) Make sure the E1, E2, and E5 electronic rack-mounted equipment is in good condition and has no corrosion.

(e) Install or connect the main batteries if it is applicable, do this task: Main Battery Installation, TASK 24-31-01-400-801

1) Do a check of the airplane batteries, do this task: Main Battery Charge Capacity - System Test, TASK 24-30-00-700-804

(f) Install the EPAS Exit Emergency Batteries:

1) Do this task: Emergency Power Assist System (EPAS) Battery Pack Installation (PED 1, 2, 4, 5), TASK 52-12-20-400-802-002.

(g) Install the Overwing EPAS Exit Emergency Batteries:

1) Do this task: Emergency Power Assist System (EPAS) Battery Pack Installation (PED 3), TASK 52-12-19-400-801.

2) Do this task: Over Wing Escape System Backup Battery Pack Installation, TASK 52-12-24-400-802.

H. Flight Compartment

SUBTASK 10-11-02-200-011

(1) Do the depreservation of the flight compartment.

(a) Remove the covers on the control cabin windows and the windshield.

(b) Remove the reflective material from the surface of the windshields and windows.

1) Do this task: Flight Compartment Glass Window - Inner Surface Cleaning, TASK 12-16-02-100-801.

2) Do this task: Clean the Passenger Windows, TASK 12-16-03-100-801.

(c) Install the seats and the carpet in the flight compartment (if it is applicable), do these tasks: Captain and First Officer Seat - Installation, TASK 25-11-01-400-801, First Observer Seat - Installation, TASK 25-11-03-400-801, and Second Observer Seat - Installation, TASK 25-11-03-400-802.

1) Make sure you examine the seats and carpet for moisture and mildew if they stayed on the airplane during the storage.

(d) Make sure all portable fire extinguishers are serviceable.

I. Primary Flight Control System (PFCS)

SUBTASK 10-11-02-630-053

(1) Do the depreservation of the primary flight control system.

NOTE: Make sure you move all of the pilot controls and elevators, ailerons, flaperons, spoilers, and speedbrakes through their full range.

NOTE: Make sure the correct movement of the controls are shown on the Flight Control Synoptic Page of the EICAS and the trim indicators.

NOTE: Make sure the control column, the wheels, and the pedals are centered after they are released.

(a) Remove the covers from the flaperon cove door, if they are installed.

NOTE: Make sure there is no unwanted material in the area that can cause damage.

(b) Remove the covers from the gust suppression transducer pressure ports that are on the vertical stabilizer

(c) For an airplane that was in storage for more than 30 days, do the steps that follow:

1) Do the Maintenance Access Terminal (MAT) tests that follow, do this task: How to Operate the MAT in the Flight Compartment, TASK 45-10-00-910-810

Primary Flight Computer, Actuator Control Electronic Monitors, Actuator Confidence Test, PFC Disconnect Switch, Left/Right Aileron Alignment, Left/Right Flaperon Alignment, Wheel force Transducer Gust Suppression Pressure Transducer.

2) Make sure all visible cables are lubricated, do this task: Control Cable Lubrication, TASK 12-21-31-600-801.

3) Do the steps that follow for the control wheel:

a) Do this task: Control Wheel and Cable Adjustment (Rigging), TASK 27-11-00-700-802.

b) Do this task: Control Wheel Force Versus Travel Test, TASK 27-11-00-720-801.

c) Operate the wheel backdrive actuators for one complete cycle, do this task: Control Wheel Backdrive - System Test, TASK 22-11-00-730-806

4) Do the steps that follow for the rudder:
   a) Do this task: Rudder Adjustment (Rigging), TASK 27-21-00-800-801.
   b) Do this task: Rudder Pedal Adjustment and Travel Test, TASK 27-21-00-700-805.
   c) Operate the rudder backdrive actuators for one complete cycle, do this task: Rudder Pedal Backdrive - System Test, TASK 22-11-00-730-807
5) Do the steps that follow for the control column:
   a) Do this task: Control Column Adjustment (Rigging), TASK 27-31-00-800-802.
   b) Do this task: Control Column Travel Test, TASK 27-31-00-700-808.
   c) Do this task: Control Column Damper Test, TASK 27-31-00-700-807.
   d) Do this task: Column Breakout Mechanism Test, TASK 27-31-00-700-806.
   e) Operate the column backdrive actuators for one complete cycle, do this task: Control Column Backdrive - System Test, TASK 22-11-00-730-805
6) Do the step that follows for the elevator:
   a) Do this task: Elevator Power Control Unit Test, TASK 27-31-00-700-801.
7) Operate the stabilizer trim through the entire range.

   NOTE: Make sure you use the alternate pitch trim levers and verify the correct operation on the trim indicators.
   a) Do this task: Stabilizer System Test, TASK 27-41-00-700-801.
   b) Do this task: Alternate Pitch Trim Operational Test, TASK 27-41-00-700-804.
   c) Do this task: Alternate Pitch Trim Lever Position Switch Test, TASK 27-41-00-700-802.
8) Make a check of the status and maintenance pages of the Central Maintenance Computer for applicable messages.
9) Do the tests of the primary and secondary control systems as follows:
   a) Do a operational test of the stall warning system, do this task: Warning Electronic System - System Test, TASK 31-51-00-730-801
   b) Do a operational test of the trailing edge flap system, do these tasks: Trailing Edge Flap System Operation With Primary Control, TASK 27-51-00-860-801 and Trailing Edge Flap System Operation With Secondary Control, TASK 27-51-00-860-803.
   c) Do a test of the trailing edge position and asymmetry indications system, do this task: Flap Position Indication System - Operational Test, TASK 27-58-00-710-801
   d) Do a test of the leading edge slat system, do these tasks: Slat System Secondary Control Test, TASK 27-81-00-740-802 and Slat System Alternate Control Test, TASK 27-81-00-720-801.
   e) Do a test of the leading edge slat position indication system, do this task: Slat Position Indication System - Operational Test, TASK 27-88-00-710-801

——— END OF TASK ———

TASK 10-11-02-210-807

19. Put the airplane back to service when parked/stored for 60 days (2 months) or more.

A. General

(1) You must use the depreservation prolonged parking/storage tasks that follow to put the airplane back to a airworthy service condition after prolonged parking/storage.

(2) Use this depreservation procedure to put the airplane back in service after the airplane is parked/stored for sixty days (2 months) or more, but less than ninety days (3 month).

(3) Before you do this depreservation, you must do all the previous depreservation tasks.

B. References

Reference	Title
12-12-01-610-802	Hydraulic Reservoir Filling (P/B 301)
29-11-00-200-804	Main Hydraulic Systems External Leakage Check (P/B 601)
29-11-00-710-801	Engine-Driven Pump (EDP) - Operational Test (P/B 501)
29-11-00-710-802	Air-Driven Pump (ADP) Assembly - Functional Test (P/B 501)
29-11-00-710-803	Center System Alternating Current Motor Pumps (ACMP) - Operational Test (P/B 501)
29-11-00-710-804	Hydraulic Interface Module (HYDIM) - Operational Test (P/B 501)
29-11-00-710-805	Center Hydraulic Isolation System - Operational Test (P/B 501)
29-11-00-710-806	Engine-Driven Pump (EDP) Supply Shutoff Valve - System Test (P/B 501)
29-11-00-730-801	Left and Right System Alternating Current Motor Pumps (ACMP) - Operational Test (P/B 501)
29-11-00-730-802	Center Hydraulic Isolation System - System Test (P/B 501)
29-11-00-730-803	Hydraulic Reservoir Pressurization System - System Test (P/B 501)
29-11-00-860-801	Main Hydraulic System Pressurization (P/B 201)
29-11-40-000-801	Left and Right System Alternating Current Motor Pump (ACMP) Pressure and Case Drain Filter Module and Components Removal (P/B 401)
29-11-41-000-801	Center System Alternating Current Motor Pump (ACMP) Pressure and Case Drain Filter Module and Components Removal (P/B 401)
29-11-42-000-801	Engine-Driven Pump (EDP) Pressure and Case Drain Filter Module and Components Removal (P/B 401)
29-11-43-000-801	Air-Driven Pump (ADP) Pressure and Case Drain Filter Module and Components Removal (P/B 401)
29-11-44-000-801	Left and Right System Return Filter Module and Components Removal (P/B 401)
29-11-45-000-801	Center System Return Filter Module and Components Removal (P/B 401)
29-21-00-730-802	Ram Air Turbine (RAT) Manual Deployment System - System Test (P/B 501)
29-33-00-730-801	Hydraulic Fluid Quantity Indicating System - System Test (P/B 501)
35-00-00-100-801	Oxygen System Component Cleaning (P/B 701)

(Continued)

Reference	Title
35-11-00-210-801	Oxygen Cylinder Correct Installation and Condition Check (P/B 601)
35-11-18-210-801	Mask and Demand Regulator Inspection (P/B 201)
35-11-18-400-801	Crew Oxygen Mask and Demand Regulator Installation (P/B 201)
35-21-00-710-801	Oxygen Box Door Latch/Actuator Operational Test (P/B 501)
35-21-01-210-801	Oxygen Generator Check (P/B 201)

C. Consumable Materials

Reference	Description	Specification
G00009	Compound - Organic Corrosion Inhibiting	BMS3-23

D. When you do this task, you must also do these tasks:

SUBTASK 10-11-02-630-054

(1) Do the depreservation of the airplane.

(a) Service and depreservation for 7 days (1 week) cycles.

(b) Service and depreservation for 14 days (2 weeks) cycles.

(c) Service and depreservation for 30 days (1 month) cycles.

E. Oxygen

SUBTASK 10-11-02-630-055

(1) Do the depreservation of the oxygen systems.

(a) Do the steps that follow:

1) Flush the oxygen system (if necessary).

2) If the crew oxygen bottles were removed from the airplane, do these tasks:

a) Flush the oxygen system: Oxygen System Component Cleaning, TASK 35-00-00-100-801.

b) Install the crew oxygen bottles, do this task: Oxygen Cylinder Correct Installation and Condition Check, TASK 35-11-00-210-801.

3) Install the crew system oxygen masks, do this task: Crew Oxygen Mask and Demand Regulator Installation, TASK 35-11-18-400-801.

NOTE: If the crew oxygen masks have been in storage for more than three months, you must inspect the masks. Look at the condition of the rubber and the plastic parts.

a) Do this task: Mask and Demand Regulator Inspection, TASK 35-11-18-210-801.

4) Do a check of the passenger chemical oxygen generators for age/date limit, and replace them if it is necessary, do this task: Oxygen Generator Check, TASK 35-21-01-210-801.

5) If the storage was for over 6 months, do a full drop test on 6 to 10 masks, do this task: Oxygen Box Door Latch/Actuator Operational Test, TASK 35-21-00-710-801.

NOTE: Do this as a spot check for signs of deterioration.

F. Air Conditioning

SUBTASK 10-11-02-630-056

(1) Do the depreservation of the air conditioning systems.

(a) Do the steps that follow:

1) Do the tests that follow from the Maintenance Access Terminal (MAT):

a) Environmental Control Systems: Aft Cargo Heat, Bulk Cargo Heat, Chiller Boost Fan, Door Area Heater, Equipment Cooling, Gaspar Fan (if installed), Lavatory/Galley Ventilation Fan.

b) Cabin Pressure Control System: Left Cabin Pressure Control System, Right Cabin Pressure Control System.

c) Cabin Temperature Control System: Right System Air Off, Left System Air Off.

d) Cargo Smoke Detection System: Aft Cargo Smoke Detection System, Fwd Cargo Smoke Detection System.

e) Fire Extinguishing System: Cargo Squibs, Engine and APU Squibs.

f) Airfoil Cowl Ice Protection System: Left Engine Anti-Ice (engines not running), Right Engine Anti-Ice (engines not running), Wing Anti-Ice (engines not running).

g) Air Data Sensor Anti-Ice System: Pitot Heat (Center) Test, Pitot/AOA Heat (Left) Test, Pitot/AOA Heat (Right) Test, TAT Probe Test.

h) Window Heat Control System: Ground Functional Test-L, Ground Functional Test-R.

i) Air Supply Control System: Left Air Supply Control system, Right Air Supply Control system.

j) Duct Leak System.

2) Use a pneumatic ground source or the APU to pressurize the pneumatic system and operate the left and right A/C packs.

3) Do the tests that follow from the MATS:

a) Cabin Temperature Control System: Left System Air On, Right System Air On.

b) Airfoil Cowl Ice Protection System: Left Engine Anti-Ice (engines running), Right Engine Anti-Ice (engines running), Wing Anti-Ice (engines running).

G. Hydraulic

SUBTASK 10-11-02-630-057

(1) Do the depreservation of the hydraulic systems.

(a) Remove the covers from the turbine exhaust ports of the air-driven hydraulic pump ports.

(b) Do the steps that follow:

1) Clean and put a protective coating on the actuator rods and the slide valves.

2) Remove the groundlock pins.

3) Clean the grease off all of the actuators.

NOTE: Do this if grease was applied when the airplane was put into preservation.

4) Pressurize the hydraulic systems, do this task: Main Hydraulic System Pressurization, TASK 29-11-00-860-801.

5) Do a check of all hydraulic system components.

6) Do a leak check of all hydraulic system components.
   a) Do this task: Main Hydraulic Systems External Leakage Check, TASK 29-11-00-200-804.
7) Make sure the hydraulic systems are correctly serviced, do this task: Hydraulic Reservoir Filling, TASK 12-12-01-610-802.
8) Do the steps that follow if the engines were not run regularly:
   a) Do this task: Engine-Driven Pump (EDP) - Operational Test, TASK 29-11-00-710-801.
   b) Do this task: Air-Driven Pump (ADP) Assembly - Functional Test, TASK 29-11-00-710-802.
   c) Do this task: Hydraulic Interface Module (HYDIM) - Operational Test, TASK 29-11-00-710-804.
   d) Do this task: Left and Right System Alternating Current Motor Pumps (ACMP) - Operational Test, TASK 29-11-00-730-801.
   e) Do this task: Center System Alternating Current Motor Pumps (ACMP) - Operational Test, TASK 29-11-00-710-803.
   f) Do this task: Center Hydraulic Isolation System - Operational Test, TASK 29-11-00-710-805.
   g) Do this task: Engine-Driven Pump (EDP) Supply Shutoff Valve - System Test, TASK 29-11-00-710-806.
   h) Do this task: Hydraulic Reservoir Pressurization System - System Test, TASK 29-11-00-730-803.
   i) Do this task: Center Hydraulic Isolation System - System Test, TASK 29-11-00-730-802.
   j) Do this task: Ram Air Turbine (RAT) Manual Deployment System - System Test, TASK 29-21-00-730-802.
   k) Do this task: Hydraulic Fluid Quantity Indicating System - System Test, TASK 29-33-00-730-801.
9) Make sure the hydraulic system low pressure warning lights work.
10) Replace the hydraulic system filters that follow:
   a) Engine-Driven Pump (EDP) Pressure and Case Drain Filter Elements (TASK 29-11-42-000-801).
   b) Left and Right System Alternating Current Motor Pump (ACMP) Pressure and Case Drain Filter Elements (TASK 29-11-40-000-801).
   c) Center System Alternating Current Motor Pump (ACMP) Pressure and Case Drain Filter Elements (TASK 29-11-41-000-801).
   d) Air-Driven Pump (ADP) Pressure and Case Drain Filter Elements (TASK 29-11-43-000-801).
   e) Left and Right System Return Filter Elements (TASK 29-11-44-000-801).
   f) Center System Return Filter Elements (TASK 29-11-45-000-801).

H. Primary Flight Control System

SUBTASK 10-11-02-200-013

(1) Do the depreservation of the flight control system.

(a) Remove the flaperon cove door cover.

(b) Remove the gust suppression transducer pressure port covers.

I. Fuselage Areas

SUBTASK 10-11-02-600-012

(1) Perform depreservation of the fuselage.

(a) Check the surface for stains.

(b) Apply corrosion inhibiting compound, G00009, to radome latches.

(c) Remove temporary protective coating (if necessary).

(d) Check coating for damage and look for corrosion.

J. Equipment and Furnishings

SUBTASK 10-11-02-550-002

(1) Perform depreservation of the equipment.

(a) Remove the desiccant bags.

(b) Close all cabinet, closet, and interior doors.

K. Wing Leading Edge, Trailing Edge, and Empennage Horizontal, and Vertical Stabilizers

SUBTASK 10-11-02-630-058

(1) Do the depreservation of the wing.

(a) Wash the surface.

(b) Look for corrosion.

(c) Inspect the paint.

(d) Examine all drain holes.

(e) Functional test the slats, the flaps, and the spoilers.

L. Landing Gear

SUBTASK 10-11-02-630-059

(1) Do the depreservation of the landing gear.

(a) Install all landing gear downlock and safety hardware.

(b) Install groundlocks.

(c) Turn the landing gear control handle down.

(d) Move the landing gear doors to the closed position.

(e) Remove the wheel covers.

(f) Remove the tiedowns.

(g) Jack up the airplane (if necessary).

(h) Test the alternate extension systems.

(i) Examine the door seals.

(j) Examine the door seals.

(k) Inspect the wheel bearings.

(l) Lower the airplane from jacks (if necessary).

(m) Service the struts.

(n) Remove the corrosion.

(o) Clean the oleos.

M. Electrical/Electronic

SUBTASK 10-11-02-420-007

(1) Prepare the electrical system for depreservation.

(a) For engine and APU runs, connect batteries for fire protection.

(b) Apply temporary protective coating (if necessary).

(c) Check coating for damage and look for corrosion.

——— END OF TASK ———

TASK 10-11-02-210-808

20. Put the airplane back to service when parked/stored for 90 days (3 months) or more.

A. General

(1) You must use the depreservation prolonged parking/storage tasks that follow to put the airplane back to a airworthy service condition after prolonged parking/storage.

(2) Use this depreservation procedure to put the airplane back in service after the airplane is parked/stored for ninety days (3 months) or more, but less than one hundred eighty days (6 months).

(3) Before you do this depreservation, you must do all the previous depreservation tasks.

B. When you do this task, you must also do these tasks:

SUBTASK 10-11-02-630-060

(1) Do the depreservation of the airplane.

(a) Service and depreservation for 7 days (1 week) cycles.

(b) Service and depreservation for 14 days (2 weeks) cycles.

(c) Service and depreservation for 30 days (1 month) cycles.

(d) Service and depreservation for 60 days (2 months) cycles.

C. Landing Gear

SUBTASK 10-11-02-630-061

(1) Do the depreservation of the landing gear.

(a) Service the landing gear shock strut.

1) Check for leaks if the pressure is low.

——— END OF TASK ———

TASK 10-11-02-210-809

21. Put the airplane back to service when parked/stored for 180 days (6 months) or more.

A. General

(1) You must use the depreservation prolonged parking/storage tasks that follow to put the airplane back to a airworthy service condition after prolonged parking/storage.

(2) Use this depreservation procedure to put the airplane back in service after the airplane is parked/stored for one hundred eighty days (6 months) or more, but less than three hundred sixty five days (1 year).

(3) Before you do this depreservation, you must do all the previous depreservation tasks.

B. When you do this task, you must also do these tasks:

SUBTASK 10-11-02-630-062

(1) Do the depreservation of the airplane.

(a) Service and depreservation for 7 days (1 week) cycles.

(b) Service and depreservation for 14 days (2 weeks) cycles.

(c) Service and depreservation for 30 days (1 month) cycles.

(d) Service and depreservation for 60 days (2 months) cycles.

(e) Service and depreservation for 90 days (3 months) cycles.

C. Fuselage

SUBTASK 10-11-02-630-063

(1) Do the depreservation of the fuselage.

(a) Remove the tape from all fuselage openings.

D. Landing Gear

SUBTASK 10-11-02-630-064

(1) Do the depreservation of the landing gear.

(a) Remove grease from the external services (if applied).

(b) Examine the landing gear for corrosion.

(c) Put new grease on areas where removed.

(d) Lubricate specified landing gear areas.

(e) Lubricate the main landing gear door uplock hooks with grease.

——— END OF TASK ———

TASK 10-11-02-210-810

22. Put the airplane back to service when parked/stored for 365 days (1 year) or more.

A. General

(1) You must use the depreservation prolonged parking/storage tasks that follow to put the airplane back to a airworthy service condition after prolonged parking/storage.

(2) Use this depreservation procedure to put the airplane back in service after the airplane is parked/stored for three hundred sixty five days (1 year) or more, but less than seven hundred thirty days (2 years).

(3) Before you do this depreservation, you must do all the previous depreservation tasks.

B. References

Reference	Title
12-11-01-650-801	Pressure Refueling (P/B 301)
12-11-02-680-801	Fuel Tank Sump Drain Valve - Water Removal/Sampling (P/B 301)
12-22-07-600-802	IDG Oil Change (P/B 301)
24-11-01-000-801-001	IDG Removal (P/B 401)
24-11-01-400-801-001	IDG Installation (P/B 401)
24-11-02-000-803-002	IDG Oil Filter Removal (P/B 401)
24-11-02-400-803-002	IDG Oil Filter Installation (P/B 401)

(Continued)

Reference	Title
28-10-00-600-802	Biocide Treatment of Fuel Tanks - Metered Injection Cart (P/B 201)
28-11-00-300-801	Repair of Fuel Tank Corrosion (P/B 801)
28-11-01-000-801	Main Tank Access Door Removal (P/B 401)
28-11-01-400-801	Main Tank Access Door Installation (P/B 401)
28-11-05-000-801	Wing Dry Bay Access Door - Removal (P/B 401)
28-11-05-400-801	Wing Dry Bay Access Door Installation (P/B 401)
28-26-00-650-801	Pressure Defueling (P/B 201)
34-23-00 P/B 201	STANDBY MAGNETIC COMPASS - MAINTENANCE PRACTICES
71-00-00-800-835-H00	Engine Start (Selection) (P/B 201)

C. Consumable Materials

Reference	Description	Specification
G00009	Compound - Organic Corrosion Inhibiting	BMS3-23
G50071	Compound - Corrosion Inhibiting, Heavy Duty	BMS3-35

D. When you do this task, you must also do these tasks:

SUBTASK 10-11-02-630-065

(1) Do the depreservation of the airplane.

(a) Service and depreservation for 7 days (1 week) cycles.

(b) Service and depreservation for 14 days (2 weeks) cycles.

(c) Service and depreservation for 30 days (1 month) cycles.

(d) Service and depreservation for 60 days (2 months) cycles.

(e) Service and depreservation for 90 days (3 months) cycles.

(f) Service and depreservation for 180 days (6 months) cycles.

E. Fuel

SUBTASK 10-11-02-630-066

(1) Do the depreservation for the fuel.

(a) Open the drain from one main tank.

(b) Open the main tank, do this task: Main Tank Access Door Removal, TASK 28-11-01-000-801.

(c) Check the tank for corrosion, do this task: Repair of Fuel Tank Corrosion, TASK 28-11-00-300-801.

(d) If corrosion was found in the tank, you must drain and check all of the other tanks.

1) Do this task: Pressure Defueling, TASK 28-26-00-650-801.

CAUTION

APPLY THE ANTI-CORROSION COMPOUND CAREFULLY. THE COMPOUND CAN CAUSE CONTAMINATION OF THE FUEL TANK.

2) If corrosion was found, do this task: Main Tank Access Door Removal, TASK 28-11-01-000-801.

a) Remove the fuel from all of the tanks, do this task: Pressure Defueling, TASK 28-26-00-650-801.

b) Examine the tanks and the fuel lines for corrosion, do this task: Repair of Fuel Tank Corrosion, TASK 28-11-00-300-801.

3) If the fuel tank and the fuel lines contain corrosion, refer to MRB instructions to make repairs.

(e) Check the wing dry bay for corrosion, do this task: Wing Dry Bay Access Door - Removal, TASK 28-11-05-000-801.

(f) Remove corrosion (if corrosion is found), do this task: Repair of Fuel Tank Corrosion, TASK 28-11-00-300-801.

1) Apply corrosion inhibiting compound, G50071 (preferred), or corrosion inhibiting compound, G00009 (optional), if it is necessary.

(g) Close all fuel tanks (when applicable), do this task: Wing Dry Bay Access Door Installation, TASK 28-11-05-400-801.

(h) Put greater than 10% fuel capacity (approximately 20%) into the fuel tanks.

(i) Check fuel/biocide ratio, do this task: Biocide Treatment of Fuel Tanks - Metered Injection Cart, TASK 28-10-00-600-802.

(j) Put biocide into the fuel tanks (if required).

(k) Operate the fuel boosts and override pumps to purge with new fuel.

(l) Remove the screen over the surge tank vents and center dry bay opening and remove flag.

(m) Close the main tank, do this task: Main Tank Access Door Installation, TASK 28-11-01-400-801.

(n) Remove the woven screen mesh material from both the surge tank vent openings and the center dry bay opening.

(o) Do a check of the fuel lines and components.

(p) Drain all of the water in the sumps and the surge tanks, do this task: Fuel Tank Sump Drain Valve - Water Removal/Sampling, TASK 12-11-02-680-801.

(q) Fuel the airplane, do this task: Pressure Refueling, TASK 12-11-01-650-801.

F. Compass

SUBTASK 10-11-02-820-001

(1) If the airplane has been parked for over one year on the same heading, perform a compass swing upon return to service (PAGEBLOCK 34-23-00/201).

G. Electrical Power

SUBTASK 10-11-02-630-069

(1) If you removed the Integrated Drive Generator (IDG) during storage, do the steps that follow.

(a) Visually examine all external surfaces of the IDG for damage.

(b) Change the IDG oil and filter.

1) Remove the oil filter, do this task: IDG Oil Filter Removal, TASK 24-11-02-000-803-002.

2) Install a new oil filter, do this task: IDG Oil Filter Installation, TASK 24-11-02-400-803-002.

3) Service the oil, do this task: IDG Oil Change, TASK 12-22-07-600-802.

(c) Install the IDG, do this task: IDG Installation, TASK 24-11-01-400-801-001.

(d) Run the engine.

NOTE: This is to make sure that the IDG operates correctly.

1) Do this task: Engine Start (Selection), TASK 71-00-00-800-835-H00.

SUBTASK 10-11-02-620-101

(2) If the IDG was stored on-wing during airplane storage, do the steps that follow.

(a) Remove the IDG.

1) Do this procedure: IDG Removal, TASK 24-11-01-000-801-001.

(b) Visually examine all external surfaces of the IDG for damage and corrosion.

(c) Remove the masking from the areas within the perimeter of the input pad that follow.

1) Input spline.

2) O-ring.

3) Input seal area.

4) Valves.

(d) Install the IDG.

1) Do this procedure: IDG Installation, TASK 24-11-01-400-801-001.

(e) Change the IDG oil and filter.

1) Remove the oil filter, do this task: IDG Oil Filter Removal, TASK 24-11-02-000-803-002.

2) Install a new oil filter, do this task: IDG Oil Filter Installation, TASK 24-11-02-400-803-002.

3) Service the oil, do this task: IDG Oil Change, TASK 12-22-07-600-802.

(f) Close the input pad seal drains if they were opened for preservation.

——— END OF TASK ———

TASK 10-11-02-210-811

23. Put the airplane back to service when parked/stored for 730 days (2 years) or more.

A. General

(1) You must use the depreservation prolonged parking/storage tasks that follow to put the airplane back to a airworthy service condition after prolonged parking/storage.

(2) Use this depreservation procedure to put the airplane back in service after the airplane is parked/stored for seven hundred thirty days (2 years) or more.

(3) Before you do this depreservation, you must do all the previous depreservation tasks.

B. When you do this task, you must also do these tasks:

SUBTASK 10-11-02-630-067

(1) Do the depreservation of the airplane.

(a) Service and depreservation for 7 days (1 week) cycles.

(b) Service and depreservation for 14 days (2 weeks) cycles.

(c) Service and depreservation for 30 days (1 month) cycles.

(d) Service and depreservation for 60 days (2 months) cycles.

(e) Service and depreservation for 90 days (3 months) cycles.

(f) Service and depreservation for 180 days (6 months) cycles.

(g) Service and depreservation for 365 days (1 year) cycles.

C. Fuel

SUBTASK 10-11-02-630-068

(1) Do the fuel depreservation.

(a) Inspect one main fuel tank for corrosion and microbial growth.

(b) Examine the engine and the wing dry bays for corrosion.

(c) Apply corrosion inhibiting compound.

——— END OF TASK ———

PARKING IN HIGH WINDS - MAINTENANCE PRACTICES

1. General

A. This procedure contains these tasks:

(1) Prepare the Airplane to be Parked in High Winds - Preferred Configuration.

(2) Prepare the Airplane to be Parked in High Winds - Alternative Configuration.

B. Do this procedure along with Park the Airplane (Normal Parking), TASK 10-11-01-580-804.

C. If the winds will be above the MAC line shown in Figure 201, you must try to fly the airplane out of the area.

(1) If you cannot fly the airplane, this procedure will help prevent damage to the airplane.

D. On a dry surface, with the airplane at it's maximum taxi weight, the airplane can be resistant to side winds.

E. On a wet surface, with the airplane at it's maximum taxi weight, the airplane can be resistant to sides winds

F. This procedure is for an airplane that has all of its weight on the landing gear (not lifted on jacks).

TASK 10-11-03-860-801

2. Prepare the Airplane to be Parked in High Winds - Preferred Configuration

(Figure 201)

A. References

Reference	Title
10-11-01-580-804	Park the Airplane (Normal Parking) (P/B 201)
10-11-04-580-801	Park the Airplane with the Engines Removed (P/B 201)
10-11-05-500-801	Chock Installation in Winds or Wind Gusts to a Maximum of 35 Knots (P/B 201)
27-51-00-860-805	Retract the Trailing Edge Flaps (P/B 201)
27-81-00-860-805	Retract the Leading Edge Slats (P/B 201)

B. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
COM-1505	Chocks - Wheel Part #: AC6820-LR Supplier: 032T9 Part #: PF10-010 Supplier: 3D5B2 Part #: W88 Supplier: 9L752
SPL-1499	Pin - Lock, NLG Towing Lever Part #: A09003-2 Supplier: 81205 Opt Part #: A09003-1 Supplier: 81205
SPL-1759	Support Equipment- Flaperon Part #: J27045-1 Supplier: 81205

C. Location Zones

Zone	Area
100	Lower Half of Fuselage

(Continued)

Zone	Area
700	Landing Gear and Landing Gear Doors

D. Procedure

SUBTASK 10-11-03-580-001

WARNING REMOVE THE LOCKOUT PIN FOR THE NOSE GEAR STEERING BEFORE YOU DISENGAGE THE TOW BAR AND TUG. YOU MUST DO THIS TO PREVENT THE AIRPLANE FROM SWINGING IN THE WIND. INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

(1) Do this task: Park the Airplane (Normal Parking), TASK 10-11-01-580-804.

(a) Remove the nose landing gear lever lock pin NLG towing lever pin, SPL-1499.

SUBTASK 10-11-03-580-004

CAUTION MAKE SURE THAT THE WHEEL CHOCKS ARE CORRECTLY INSTALLED. IF THE WHEEL CHOCKS ARE NOT CORRECTLY INSTALLED, THE AIRPLANE CAN MOVE DURING HIGH WINDS. DAMAGE TO THE AIRPLANE CAN OCCUR.

(2) Install the wheel chocks and apply the parking brakes.

(a) Set the parking brake.

(b) Install the wheel chocks, COM-1505, on a minimum of one set of the main gear wheels on each track (TASK 10-11-05-500-801).

(c) Install the wheel chocks, COM-1505, on the nose gear wheels, if it is necessary.

NOTE: This will reduce the movement of the airplane and prevent possible damage to the structure and equipment in high wind conditions.

(d) For each wheel that has chocks beneath it, do the following:

1) Tie the chock in front of the wheel and the chock behind the wheel together.

(e) Release the parking brake.

SUBTASK 10-11-03-860-001

(3) Move the leading slats to the UP position to decrease lift (TASK 27-81-00-860-805).

SUBTASK 10-11-03-860-007

(4) Move the trailing edge flaps to the UP position to decrease lift (TASK 27-51-00-860-805).

SUBTASK 10-11-03-860-002

(5) Move the stabilizer trim position indicator on the control stand to 4 pilot units.

NOTE: This will move the stabilizer to the neutral (horizontal) position.

SUBTASK 10-11-03-860-008

(6) If you will remove the power control units, make sure you install the two flaperon support, SPL-1759.

SUBTASK 10-11-03-860-004

WARNING

WHEN USING THE PARKING BRAKE FOR PARKING, THE RIGHT HYDRAULIC SYSTEM MUST INITIALLY BE FULLY PRESSURIZED, AND THE RIGHT HYDRAULIC SYSTEM MUST BE REPRESSURIZED AFTER EVERY 8 HOURS. WITHOUT THE RIGHT HYDRAULIC SYSTEM INITIALLY BEING FULLY PRESSURIZE AND REPRESSURIZED AFTER 8 HOURS THE AIRPLANE TIRE-TO-GROUND FRICTION COEFFICIENT WILL DECREASE AND CAUSE INJURIES TO PERSONS AND DAMAGE TO EQUIPMENT.

(7) Make sure the airplane gross weight and center of gravity (CG) are within the limits for the anticipated wind gust velocity and ramp surface condition (Figure 201).

NOTE: Use different configurations of fuel in the tanks, and ballast in the lower cargo hold.

(a) Use the Weight and Balance Manual to calculate the correct loads necessary to get the specified airplane weight and balance condition.

(b) Locate points on the graph for a maximum weight airplane at maximum and minimum CG for your tire-to-ground friction conditions.

1) Unless other friction data is available, use the friction coefficient at the lower end of the icy, wet, or dry ranges.

(c) Interpolate between the two CG's to determine the wind speed for a maximum weight airplane at your CG, friction coefficient, and brake conditions.

(d) Locate points on the graph for a minimum weight airplane at maximum and minimum CG for your tire-to-ground friction conditions.

(e) Interpolate between the two CG's to determine the wind speed for a minimum weight airplane at your CG, friction coefficient, and brake conditions.

(f) Use the weight of your airplane to interpolate wind speed between maximum and minimum airplane weight wind speeds at your CG, friction coefficient, and brake conditions.

(g) Wind speeds below the one you identify are acceptable for parking the airplane.

SUBTASK 10-11-03-580-002

(8) If you removed the engines, attach concrete blocks that are approximately equal to the weight of the engines (TASK 10-11-04-580-801).

SUBTASK 10-11-03-860-005

(9) Close and latch all external doors, the hatches, and the access panels.

SUBTASK 10-11-03-080-001

(10) Remove all the stands and movable objects from the area.

NOTE: The area upwind of the airplane is the most important area to keep clean.

——— END OF TASK ———

TASK 10-11-03-580-801

3. Prepare the Airplane to be Parked in High Winds - Alternative Configuration

(Figure 201, Figure 202)

A. Location Zones

Zone	Area
100	Lower Half of Fuselage
700	Landing Gear and Landing Gear Doors

B. Procedure

SUBTASK 10-11-03-480-001

WARNING

WHEN USING THE PARKING BRAKE FOR PARKING, THE RIGHT HYDRAULIC SYSTEM MUST INITIALLY BE FULLY PRESSURIZED, AND THE RIGHT HYDRAULIC SYSTEM MUST BE REPRESSURIZED AFTER EVERY 8 HOURS. WITHOUT THE RIGHT HYDRAULIC SYSTEM INITIALLY BEING FULLY PRESSURIZE AND REPRESSURIZED AFTER 8 HOURS THE AIRPLANE TIRE-TO-GROUND FRICTION COEFFICIENT WILL DECREASE AND CAUSE INJURIES TO PERSONS AND DAMAGE TO EQUIPMENT.

(1) Do the steps that follow for the alternative configuration:

NOTE: This is if the airplane configuration (gross weight and CG) will not be within the limits as for the anticipated wind gust velocity and ramp surface conditions.

(a) Do this task: Prepare the Airplane to be Parked in High Winds - Preferred Configuration, TASK 10-11-03-860-801.

(b) Install tether straps on the nose landing gear as follows (Figure 202):

NOTE: The Nose Gear Tie-Down Straps must be designed for 18,000 pound strap loads

1) Put the tether straps around the nose landing gear lower tripod brace.
2) Make sure the anchor points are approximately 55.5 in. (1.4 m) outbound of the centerline of the gear so the straps make an approximate angle of 60 degrees with respect to the ground.
3) Make sure the anchor points are approximately 20.0 in. (0.5 m) forward of the nose gear wheel centerline.
4) Attach the straps to the ground anchors.

SUBTASK 10-11-03-860-006

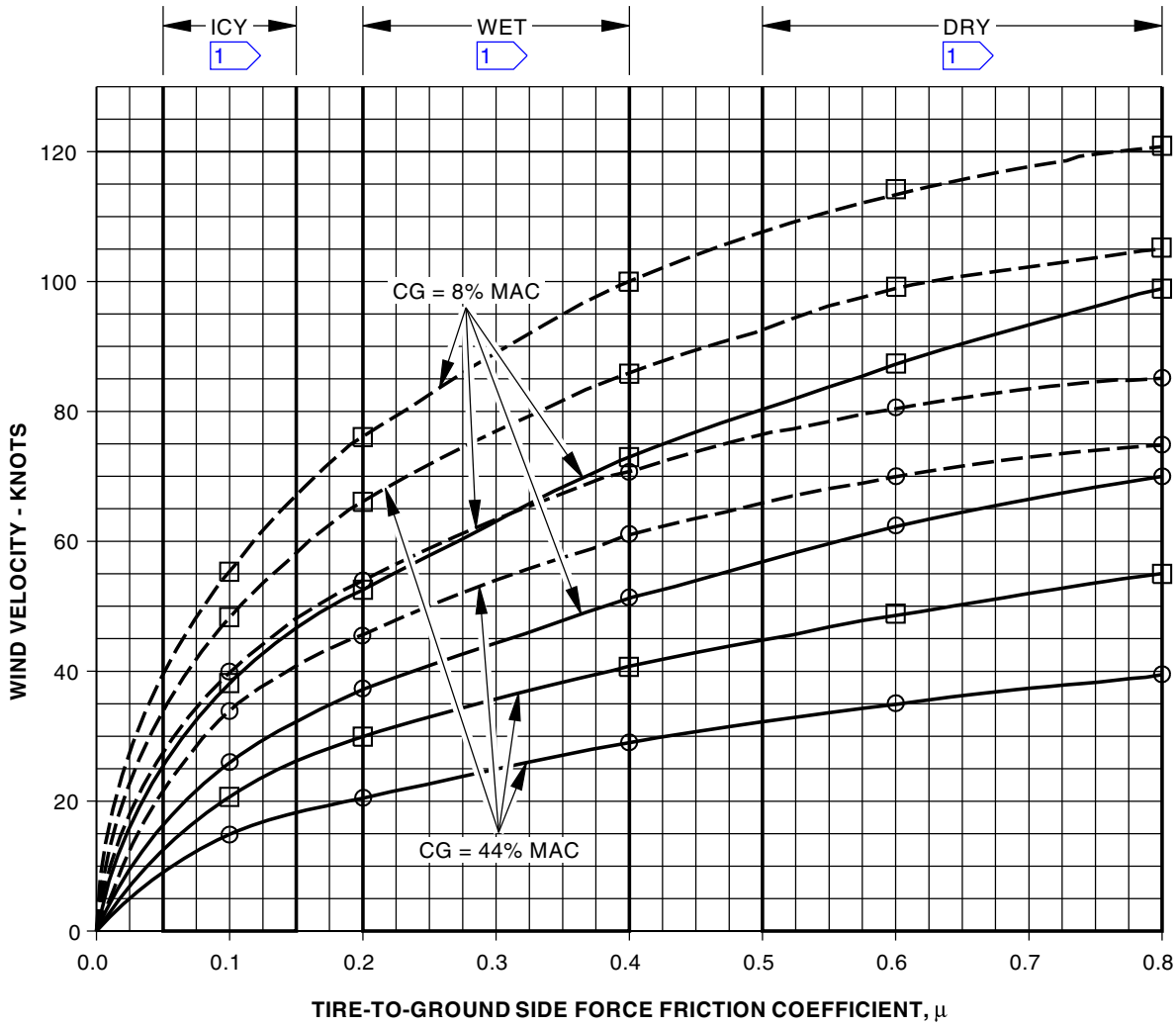
(2) Close and latch all the external doors, the hatches, and the access panels.

SUBTASK 10-11-03-080-002

(3) Remove all the stands and movable objects from the area.

NOTE: The area upwind of the airplane is the most important area to keep clean.

——— END OF TASK ———



777-300ER

M90287 S0006399252_V2

Airplane Stability - Maximum Wind for Parking
Figure 201/10-11-03-990-801 (Sheet 1 of 2)

NOTE:

A. FLAPS UP, STAB = 4 PILOT UNITS (HORIZONTAL)
B. WIND FROM ANY DIRECTION
C. WIND GUST SHOULD BE ADDED TO STEADY WIND VELOCITY FOR MAXIMUM WIND SPEED

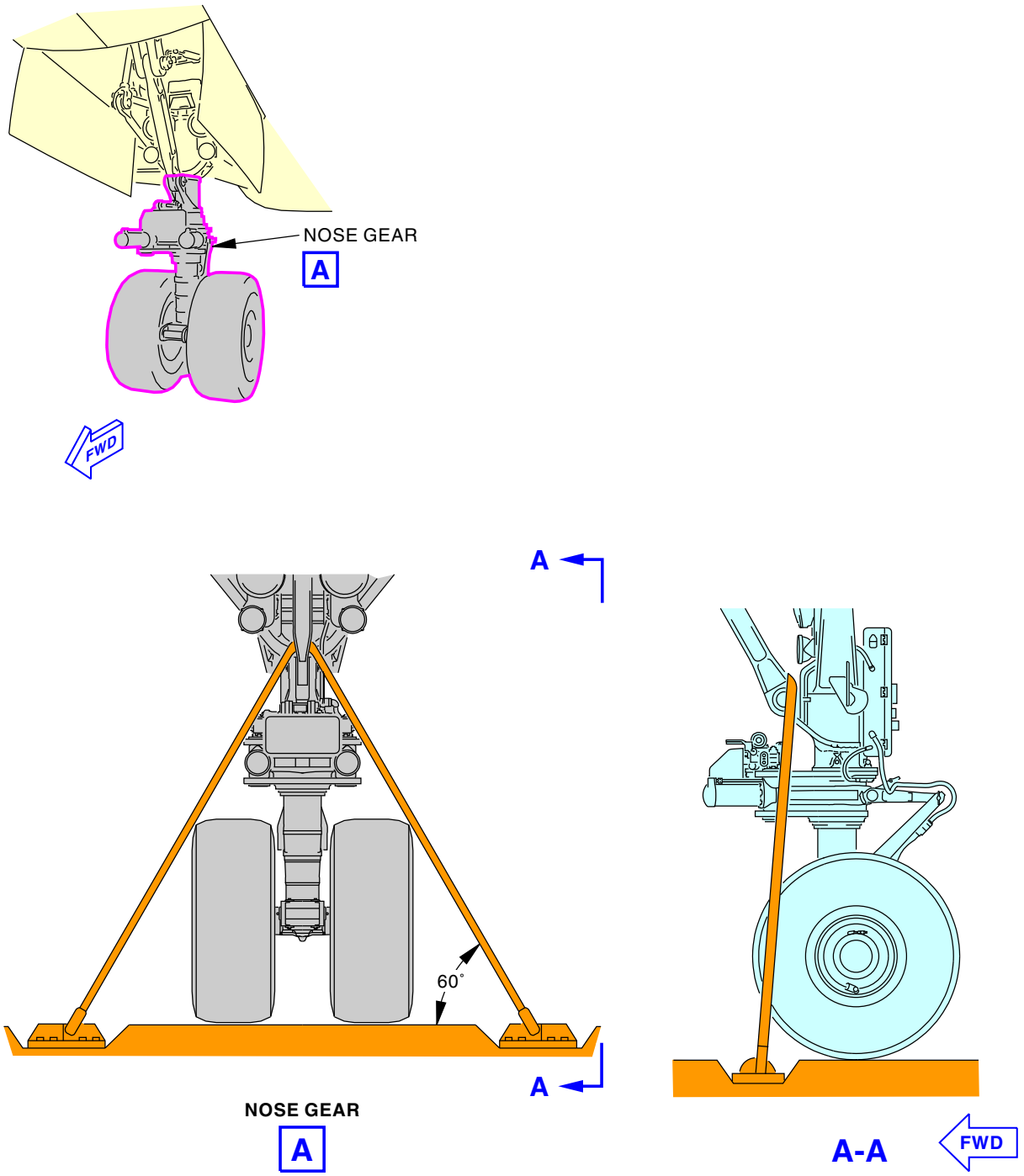
D. USE ACTUAL AIRPLANE WEIGHT, CG POSITION, AND TIRE-TO-GROUND FRICTION COEFFICIENT FOR INTERPOLATION
E. IF NO MEASURED VALUE FOR TIRE-TO-GROUND FRICTION COEFFICIENT IS AVAILABLE, USE THE LOWER LIMIT OF THE APPROPRIATE BOUNDED FRICTION BAND F. WIND VELOCITIES HIGHER THAN INDICATED IN THE CHART ABOVE MAY CAUSE SLIDING OF THE NOSE GEAR OR MAIN GEAR TIRES
G. BASED ON ZERO PERCENT GROUND SLOPE

1 APPROXIMATE NORMAL RANGES SHOWN

2 AFTER 8 HOURS, THE RIGHT HYDRAULIC SYSTEM MUST BE REPRESSURIZED

G96892 S0006399253_V2

Airplane Stability - Maximum Wind for Parking
Figure 201/10-11-03-990-801 (Sheet 2 of 2)



Nose Gear Tether Installation
Figure 202/10-11-03-990-802

PARKING WITH ENGINES REMOVED - MAINTENANCE PRACTICES

1. General

CAUTION

KEEP THE CENTER OF GRAVITY (CG) AT THE SPECIFIED LIMITS SHOWN IN FIGURE 201. THIS MUST BE DONE DURING ALL GROUND MOVEMENTS AND MAINTENANCE. LOOK AT ALL UNUSUAL CONDITIONS TO MAKE SURE THE CENTER OF GRAVITY DOES NOT MOVE TOO FAR AFT.

A. When one or both engines are removed, make sure that the airplane center of gravity limitations are in the SAFE ZONE as shown in (Figure 201).

NOTE: When it is necessary, use accepted weight and balance procedures to keep the airplane center of gravity below the GROUND STABILITY MARGIN line.

TASK 10-11-04-580-801

2. Park the Airplane with the Engines Removed

A. References

Reference	Title
10-11-01-580-804	Park the Airplane (Normal Parking) (P/B 201)

B. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
SPL-13522	Adapter - Engine Ballast Part #: J10007-1 Supplier: 81205
SPL-13526	Ballast - Engine Weight Part #: J10007-5 Supplier: 81205

C. Location Zones

Zone	Area
100	Lower Half of Fuselage
200	Upper Half of Fuselage

D. Procedure

SUBTASK 10-11-04-840-001

(1) Use ballast adapter, SPL-13522 and ballast, SPL-13526 to apply ballast that is necessary during the engine removal and installation.

SUBTASK 10-11-04-860-001

(2) Make sure the airplane center of gravity is below the specified GROUND STABILITY MARGIN line (Figure 201).

SUBTASK 10-11-04-550-001

(3) Do these steps to prepare the pylons of the aircraft for storage:

(a) Cap and stow all fuel lines, hydraulic lines and wire bundles.

(b) Cover exposed metal surfaces on the pylon with a moisture barrier.

(c) Provide suitable drains in the moisture barrier to make sure water drains.

(d) Use a desiccant in the moisture barrier to keep a low humidity around the pylon.

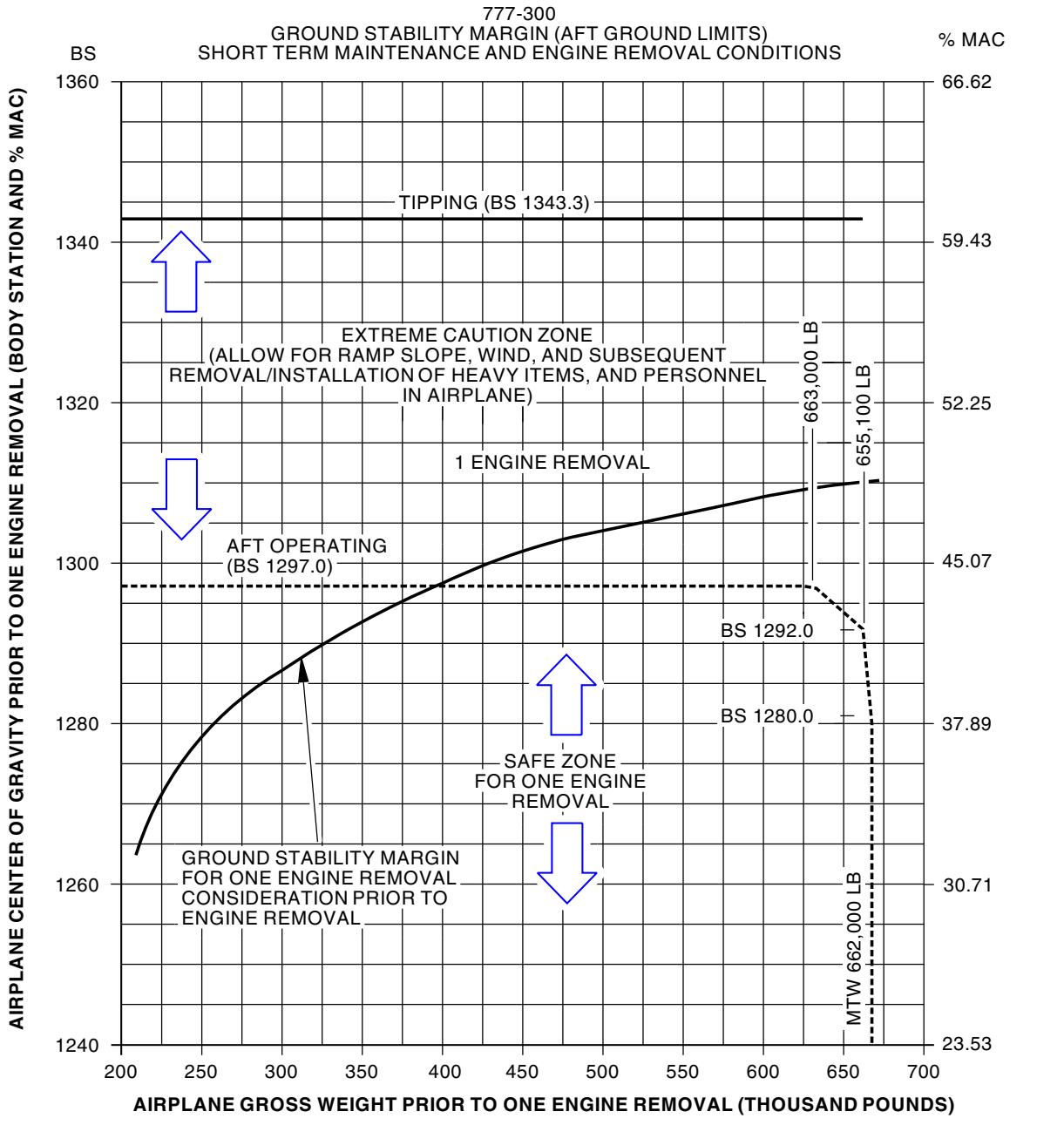
SUBTASK 10-11-04-580-001

(4) Do this task: Park the Airplane (Normal Parking), TASK 10-11-01-580-804.

——— END OF TASK ———

TIPPING OF THE 777 AIRPLANE

THE CHART BELOW SHOWS THE 777-300 TIPPING LIMITS. THE ABSOLUTE TIPPING LIMIT IS THE MLG CENTERLINE AT B.S. 1343.7. THE GROUND STABILITY MARGIN LINE REPRESENTS THE ABSOLUTE TIPPING LIMIT FOR FACTORS SUCH AS TOWING FORCES, RAMP SLOPE AND WIND. BY ENSURING THAT THE AIRPLANE WEIGHT AND C.G. DURING MAINTENANCE OPERATIONS IS BELOW THIS LINE, A TIPPING SITUATION WILL BE AVOIDED

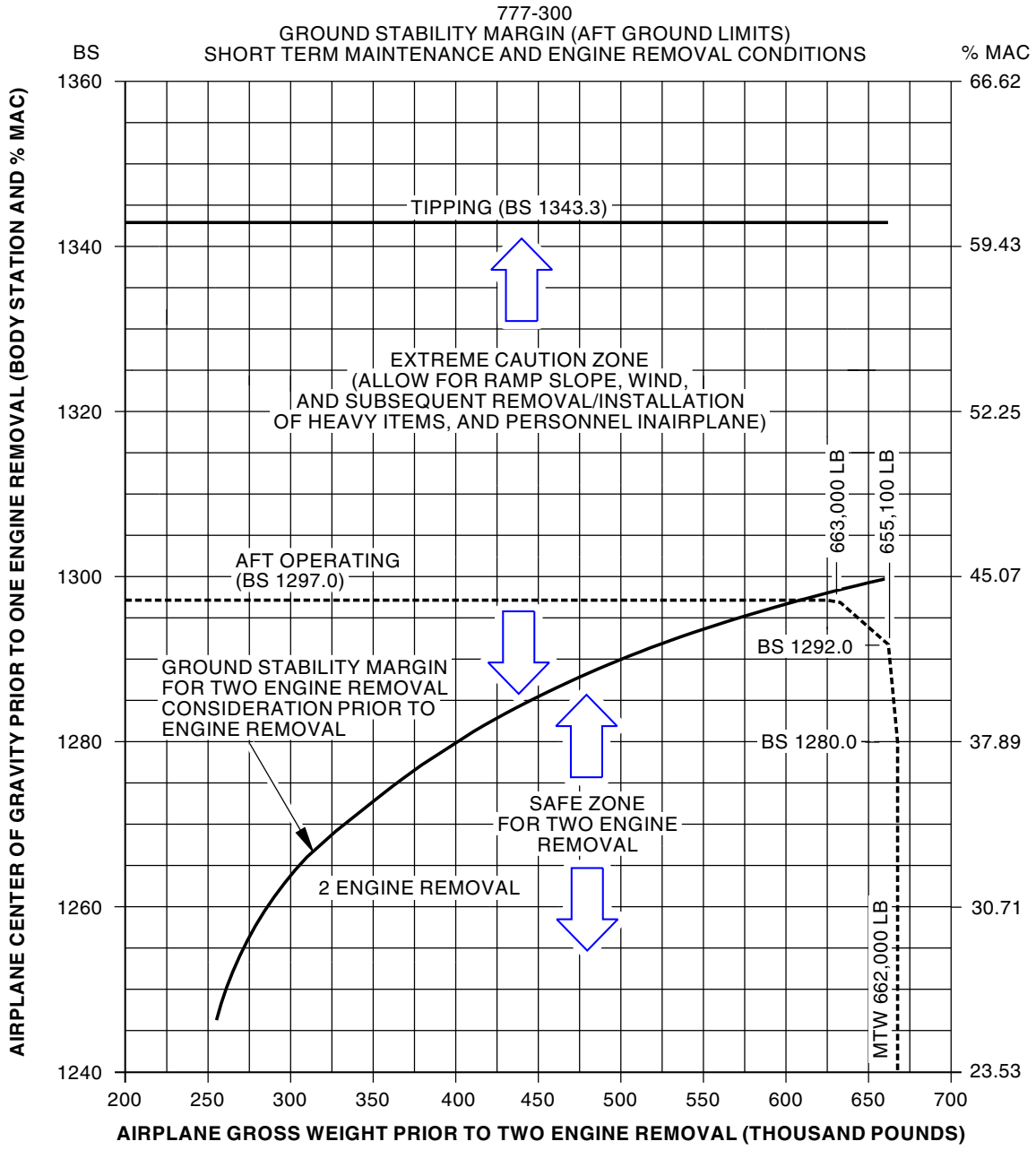


G97611 S0006399263_V3

Airplane Center of Gravity Limitations with Engine(s) Removed
Figure 201/10-11-04-990-801 (Sheet 1 of 2)

TIPPING OF THE 777 AIRPLANE

THE CHART BELOW SHOWS THE 777-300 TIPPING LIMITS. THE ABSOLUTE TIPPING LIMIT IS THE MLG CENTERLINE AT B.S. 1343.7. THE GROUND STABILITY MARGIN LINE REPRESENTS THE ABSOLUTE TIPPING LIMIT FOR FACTORS SUCH AS TOWING FORCES, RAMP SLOPE AND WIND. BY ENSURING THAT THE AIRPLANE WEIGHT AND C.G. DURING MAINTENANCE OPERATIONS IS BELOW THIS LINE, A TIPPING SITUATION WILL BE AVOIDED



G97820 S0006399266_V3

Airplane Center of Gravity Limitations with Engine(s) Removed
Figure 201/10-11-04-990-801 (Sheet 2 of 2)

CHOCK INSTALLATION

1. General

A. This procedure has the instructions for the installation of chocks for these conditions:

(1) Winds or wind gusts to a maximum of 35 knots (40 mph) (65 km/hr).

(2) Winds of more than 35 knots (40 mph) (65 km/hr).

B. This procedure does not have instructions for the installation of chocks during engine operation.

(1) For the instructions for the installation of chocks during engine operation, see this task: Engine Operation Preparation, TASK 71-00-00-800-834-H00.

TASK 10-11-05-500-801

2. Chock Installation in Winds or Wind Gusts to a Maximum of 35 Knots

(Figure 201)

A. General

(1) This procedure has the instructions for the installation of chocks in winds or wind gusts to a maximum of 35 knots (40 mph) (65 km/hr).

(a) It is not mandatory to install chocks on the tires of the nose landing gear.

B. References

Reference	Title
32-00-50-040-801	Main Landing Gear Steering System Deactivation (P/B 201)

C. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
SPL-1499	Pin - Lock, NLG Towing Lever Part #: A09003-2 Supplier: 81205 Opt Part #: A09003-1 Supplier: 81205

D. Procedure

SUBTASK 10-11-05-480-001

(1) If you install chocks to the nose landing gear tires, do these steps to deactivate the nose landing gear steering:

(a) Move the towing lever, on the forward side of the nose landing gear, to the TOW position.

NOTE: This isolates the steering system for the nose landing gear from hydraulic power.

WARNING ONLY USE THE CORRECT PIN FOR THE AIRPLANE MODEL. IF YOU USE AN INCORRECT PIN, THE HYDRAULIC STEERING CAN OPERATE. THIS CAN CAUSE INJURIES TO PERSONNEL AND DAMAGE TO EQUIPMENT.

(b) Install the NLG towing lever pin, SPL-1499, through the towing lever to hold the lever in the towing position.

SUBTASK 10-11-05-480-002

WARNING MAKE SURE THE MAIN LANDING GEAR STEERING SYSTEM IS ISOLATED FROM HYDRAULIC POWER BEFORE YOU DO WORK NEAR THE TIRES, WHEELS, OR BRAKES. IF YOU DO NOT DO THIS, THE AFT AXLES CAN AUTOMATICALLY TURN. THIS CAN CAUSE INJURIES TO PERSONS AND DAMAGE TO EQUIPMENT.

(2) Deactivate the main landing gear steering system. To deactivate it, do this task: Main Landing Gear Steering System Deactivation, TASK 32-00-50-040-801.

SUBTASK 10-11-05-580-001

(3) Put chocks forward and aft of the inboard (or outboard) set of tires of each main landing gear.

NOTE: It is not mandatory to install chocks on both the inboard and outboard set of tires.

(a) If the ramp does not slope, do the steps that follow.

1) Put the aft nose landing gear chocks approximately 2 in. (51 mm) from the tires, if you will install chocks to the nose landing gear tires.

NOTE: When a load is added to the airplane, the tires can prevent the removal of the chocks if you install them nearer to the tire.

2) Put the main landing gear chocks approximately 2 in. (51 mm) from the tires.

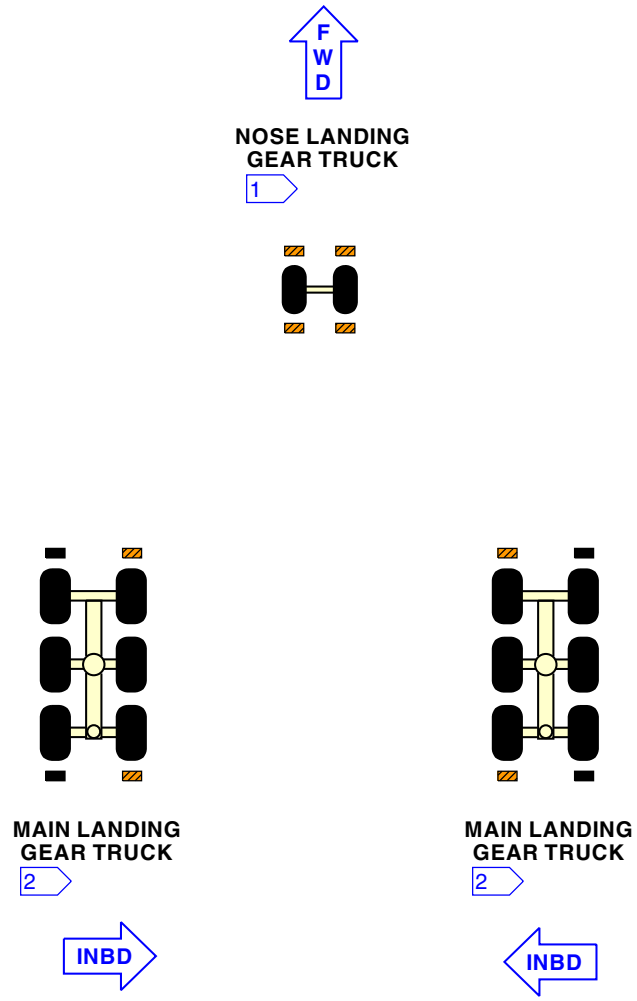
NOTE: When a load is added to the airplane, the tires can prevent the removal of the chocks if you install them nearer to the tire.

(b) If the ramp slopes, do the steps that follow.

1) Put the chocks that are down from the nose landing gear and main landing gear tires such that they touch the tires.

2) Put the chocks up from the nose landing gear and main landing gear tires approximately 2 in. (51 mm) from the tires.

END OF TASK



LEGEND:

- RECOMMENDED CHOCKS
- OPTIONAL CHOCKS
- 1 OPTIONAL TO CHOCK NOSE LANDING GEAR TIRES.
- 2 CHOCK THE FORWARD AND AFT TIRES ON EITHER THE INBOARD SIDE OR THE OUTBOARD SIDE OF EACH MAIN LANDING GEAR TRUCK.

2029652 S0000405148_V2

Chock Installation in Winds or Wind Gusts up to 35 Knots
Figure 201/10-11-05-990-801

TASK 10-11-05-500-802

3. Chock Installation in Winds of More than 35 Knots

(Figure 202)

A. General

(1) This procedure has the instructions for chock installation when the wind is more than 35 knots (40 mph) (65 km/hr).

B. References

Reference	Title
32-00-50-040-801	Main Landing Gear Steering System Deactivation (P/B 201)

C. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
SPL-1499	Pin - Lock, NLG Towing Lever Part #: A09003-2 Supplier: 81205 Opt Part #: A09003-1 Supplier: 81205

D. Procedure

SUBTASK 10-11-05-860-001

(1) Move the towing lever, on the forward side of the nose landing gear, to the TOW position.

NOTE: This isolates the steering system for the nose landing gear from hydraulic power.

SUBTASK 10-11-05-480-003

WARNING

ONLY USE THE CORRECT PIN FOR THE AIRPLANE MODEL. IF YOU USE AN INCORRECT PIN, THE HYDRAULIC STEERING CAN OPERATE. THIS CAN CAUSE INJURIES TO PERSONNEL AND DAMAGE TO EQUIPMENT.

(2) Install the NLG towing lever pin, SPL-1499, through the towing lever to hold the lever in the towing position.

SUBTASK 10-11-05-480-004

WARNING

MAKE SURE THE MAIN LANDING GEAR STEERING SYSTEM IS ISOLATED FROM HYDRAULIC POWER BEFORE YOU DO WORK NEAR THE TIRES, WHEELS, OR BRAKES. IF YOU DO NOT DO THIS, THE AFT AXLES CAN AUTOMATICALLY TURN. THIS CAN CAUSE INJURIES TO PERSONS AND DAMAGE TO EQUIPMENT.

(3) Deactivate the main landing gear steering system. To deactivate it, do this task: Main Landing Gear Steering System Deactivation, TASK 32-00-50-040-801.

SUBTASK 10-11-05-580-002

(4) Do these steps when the wind will be more than 35 knots (40 mph) (65 km/hr).

(a) Put chocks forward and aft of the inboard and outboard set of tires on each main landing gear.

1) If the ramp does not slope, do the steps that follow.

a) Put the main landing gear chocks approximately 2 in. (51 mm) from the tires.

NOTE: When a load is added to the airplane, the tires can prevent the removal of the chocks if you install them nearer to the tire.

2) If the ramp slopes, do the steps that follow.

a) Put the chocks that are down from the main landing gear tires such that they touch the tires.

b) Put the chocks up from the main landing gear tires approximately 2 in. (51 mm) from the tires.

(b) Put chocks forward and aft of the tires on the nose landing gear.

1) If the ramp does not slope, do the steps that follow.

a) Put the nose landing gear chocks approximately 2 in. (51 mm) from the tires.

NOTE: When a load is added to the airplane, the tires can prevent the removal of the chocks if you install them nearer to the tire.

2) If the ramp slopes, do the steps that follow.

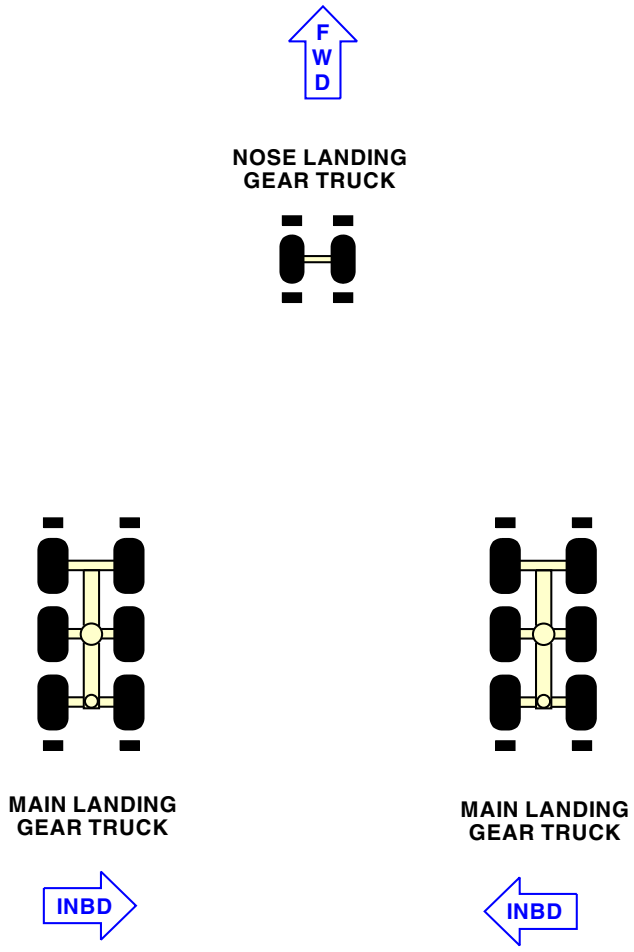
a) Put the chocks that are down from the nose landing gear tires such that they touch the tires.

b) Put the chocks up from the nose landing gear tires approximately 2 in. (51 mm) from the tires.

SUBTASK 10-11-05-080-001

(5) Remove the NLG towing lever pin, SPL-1499, after the chocks are installed.

——— END OF TASK ———



2029659 S0000405149_V2

Chock Installation in Winds of More than 35 Knots
Figure 202/10-11-05-990-802

Active Storage

1. General

A. This procedure can be used up to 90 days of active storage.

B. During Active Storage, aircraft systems are visited frequently for inspection, operation, engine runs, etc. to minimize the work required to restore the airplane to flight ready status.

C. This procedure contains these tasks:

(1) Prepare for Active Storage

(2) Service and Protection on 7 Day (1 Week) Cycle

(3) Service and Protection on 14 Day (2 Week) Cycle

(4) Service and Protection on 30 Day (1 Month) Cycle

(5) Service and Protection on 60 Day (2 Month) Cycle

(6) Put the Airplane Back to A Serviceable Condition after Storage

TASK 10-11-07-600-801

2. Preparation for Active Storage

A. General:

(1) Do this procedure to prepare the airplane for active storage.

(2) The following airplane Active Storage preparation Quick Check table is to be used only for reference and for a quick review of what is in the procedure:

WARNING THE QUICK CHECK TABLE IS NOT A SUBSTITUTE FOR FOLLOWING THE COMPLETE PROCEDURE WHICH CONTAINS WARNINGS, CAUTIONS, TASKS, AND DETAILED INSTRUCTIONS. FAILURE TO FOLLOW THE COMPLETE PROCEDURE CAN RESULT IN INJURIES TO PERSONNEL AND DAMAGE TO THE AIRPLANE AND EQUIPMENT.

(a) Table 201 below is for a Quick Check to show what is necessary when you do the preservation to an airplane. This data is in direct relationship with the tasks, and steps within the procedure. The table can help the mechanic understand quickly what is necessary to put an airplane into a storage condition.

Table 201/10-11-07-993-802

ACTIVE STORAGE PREPARATION PROCEDURE – QUICK CHECK	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
All	Do these steps: • Tow or taxi the airplane into the correct position for parking • Install covers on the openings, vents and scoops of the airplane • Prepare to park the airplane to park it in the high winds if there will be high winds.

Table 201/10-11-07-993-802 (Continued)

ACTIVE STORAGE PREPARATION PROCEDURE – QUICK CHECK	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
EXTERNAL SURFACES (FUSELAGE, WING, HORIZONTAL AND VERTICAL STABILIZERS)	Do these steps: • Wash the airplane • Examine the airplane to check for corrosion, obvious damage • Check the installation and condition of all covers • Open all structural drain holes • Close all doors and hatches when airplane is unattended • Remove snow if more than 8 in. (20 cm) accumulate • Clean and cover all windows and windshield • Stow all leading edge flaps, slats, trailing edge flaps and spoilers in the stowed position.
WING, LEADING EDGE, TRAILING EDGE, AND EMPENNAGE/HORIZONTAL AND VERTICAL STABILIZER	• Examine all trailing edge flap drive components to check for corrosion, obvious damage • Open all trailing edge flap support fairing, empennage and flap drain holes • Lubricate all leading edge flaps, slats, trailing edge flaps
LANDING GEAR	Do this steps: • Put wheel chocks forward and aft of the wheels • Install all gear downlock pins • Check for corrosion • Service the struts and check for leaks • Check the tire pressure • Lubricate the landing gear components • Install brake/wheel/tire covers which are opaque to keep weathering to a minimum • Disconnect torsion link and protect exposed bearings. • Apply corrosion preventive compound on all landing gear parts that are not painted.
APU	Do these steps: • Operate the APU for 5 minutes • Check the APU battery condition
FUEL	Do these steps: • Drain water (sumps and surge tanks) • Check for fuel leakage • Put greater than 10% fuel capacity (approximately 20%) into the fuel tanks • Cover each vent opening and jettison nozzle.

Table 201/10-11-07-993-802 (Continued)

ACTIVE STORAGE PREPARATION PROCEDURE – QUICK CHECK	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
ELECTRICAL/ELECTRONIC	Do these steps: • Install airplane static ground • Position necessary switches to "OFF" • Open circuit breakers • Store the removed units • Apply electrical power to all electrical/electronic equipment for a minimum of 2 hours.
FLIGHT COMPARTMENT AND RELATED INSTRUMENT	Do these steps: • Put the tag • Drain water from pitot and static system • Cover all probes.
AIR CONDITIONING	Do these steps: • Operate air conditioning packs for a minimum of 5 minutes • Close outflow valves.
INTERIORS	Do these steps: • Close window shades • Empty all waste containers • Check galleys and toilets • Disarm escape slides • Check safety switches on all EPAS batteries • Check all the safety pins are installed • Open interior doors for ventilation • Maintain relative humidity below 70%.
NITROGEN GENERATING SYSTEM	Do this step: • Cover the dedicated ram inlet and outlet.
HYDRAULIC	Do these steps: • Check for leaks • Service all systems • Fill all pump gearboxes • Cover ADU turbine exhaust ports.
OXYGEN	Do these steps: • Check valves for closure.
WATER AND WASTE	Do these steps: • Drain potable water • Disinfect potable water system • Drain and flush waste storage tanks • Deactivate toilets and sinks.

Table 201/10-11-07-993-802 (Continued)

ACTIVE STORAGE PREPARATION PROCEDURE – QUICK CHECK	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
FIRE PROTECTION	Do these steps: • Open circuit breakers • Cover the fire extinguisher discharge nozzles.
PRIMARY FLIGHT CONTROLS	Do these steps: • Supply the power • Cover the gust ports • Operate the primary flight controls.
NITROGEN GENERATOR	• Cover the openings.

B. References

Reference	Title
09-11-00 P/B 201	TOWING - MAINTENANCE PRACTICES
10-11-01-990-805	Figure: Pitot Static System - Component Location (P/B 201)
10-11-01-990-806	Figure: Static Ports Cover Procedure (P/B 201)
10-11-01-990-807	Figure: Angle-of-Attack - Component Locations (P/B 201)
10-11-01-990-808	Figure: Angle-of-Attack Sensor Cover Procedure (P/B 201)
10-11-03 P/B 201	PARKING IN HIGH WINDS - MAINTENANCE PRACTICES
12-11-02 P/B 301	FUEL SUMP - OPERATION
12-12-01 P/B 301	HYDRAULIC SYSTEMS - SERVICING
12-13-05-610-801	Add Oil to the Air-Driven Pump (ADP) Turbine Gearbox Assembly (TGA) (P/B 301)
12-14-01-616-802	Potable Water System - Drain (P/B 301)
12-15-01 P/B 301	MAIN LANDING GEAR SHOCK STRUT - SERVICING
12-15-02 P/B 301 Config 2	NOSE LANDING GEAR SHOCK STRUT - SERVICING
12-15-03 P/B 301	LANDING GEAR TIRE - SERVICING
12-15-04-610-802	Brake Accumulator Servicing (P/B 301)
12-16-02 P/B 301	FLIGHT COMPARTMENT WINDOWS - SERVICING
12-17-01 P/B 301	WASTE TANK - SERVICING
12-17-01-610-801	Waste Tank Servicing (P/B 301)
12-21-04 P/B 301	ELEVATOR LUBRICATION - SERVICING
12-21-05-600-801	Horizontal Stabilizer Ballscrew Actuator Assembly - Lubrication (P/B 301)
12-21-06 P/B 301	RUDDER LUBRICATION - SERVICING
12-21-07 P/B 301	AILERON AND FLAPERON LUBRICATION - SERVICING
12-21-08 P/B 301	LEADING EDGE SLAT SYSTEM - SERVICING
12-21-09 P/B 301	TRAILING EDGE FLAP SYSTEM - SERVICING
12-21-10 P/B 301	SPOILER/SPEEDBRAKE LUBRICATION - SERVICING
12-21-11 P/B 301 Config 2	MAIN LANDING GEAR SUPPORT BEAM - SERVICING
12-21-12 P/B 301	NOSE LANDING GEAR AND ACTUATING MECHANISMS - SERVICING

(Continued)

Reference	Title
12-21-13 P/B 301	NOSE LANDING GEAR DOORS AND ACTUATING MECHANISMS - SERVICING
12-21-14 P/B 301 Config 2	MAIN LANDING GEAR AND ACTUATING MECHANISMS - SERVICING
12-21-15 P/B 301 Config 2	MAIN LANDING GEAR DOORS AND ACTUATING MECHANISMS - SERVICING
12-21-30 P/B 301	RAM AIR TURBINE (RAT) - SERVICING
12-25-01-100-801	Clean (Wet Wash) the External Surfaces of the Airplane (P/B 301)
20-41-00-910-801	Static Grounding (P/B 201)
21-00-00 P/B 201	AIR CONDITIONING - GENERAL - MAINTENANCE PRACTICES
21-00-00-800-803	Supply Conditioned Air with a Cooling Pack (P/B 201)
24-22-00 P/B 201	AC GENERATION AND BUS CONTROL - MAINTENANCE PRACTICES
27-51-00-860-805	Retract the Trailing Edge Flaps (P/B 201)
27-81-00-860-801	Leading Edge Slat System Operation With Secondary Control (P/B 201)
27-81-00-860-803	Leading Edge Slat System Operation With Primary Control (P/B 201)
27-81-00-860-805	Retract the Leading Edge Slats (P/B 201)
28-10-00-600-802	Biocide Treatment of Fuel Tanks - Metered Injection Cart (P/B 201)
32-00-30-480-801	Landing Gear Downlock Pins Installation (P/B 201)
32-11-25-200-802	Main Landing Gear Shock Strut Seal Leakage Check (P/B 601)
32-21-25-210-801	Nose Landing Gear Shock Strut Seal Leakage Check (P/B 601)
35-11-00-210-801	Oxygen Cylinder Correct Installation and Condition Check (P/B 601)
35-31-00-210-802	Portable Oxygen Cylinder Pressure and Condition Check (P/B 201)
38-10-00-600-801	Potable Water System - Disinfectant (P/B 201)
49-11-00-860-804	APU Starting and Operation (P/B 201)
49-11-00-860-805	APU Usual Shutdown (P/B 201)
51-03-01-200-801	Drain Valve Inspection (P/B 601)

C. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
COM-1505	Chocks - Wheel Part #: AC6820-LR Supplier: 032T9 Part #: PF10-010 Supplier: 3D5B2 Part #: W88 Supplier: 9L752

(Continued)

Reference	Description
COM-1519	Cover - Protective, Total Air Temperature Probe Part #: FTC102 Supplier: 0P9C7
COM-2497	Cover - Probe, Pitot Static Part #: KPC3-825-8 Supplier: 0P9C7
SPL-1513	Cover - Probe, Ice Detector Part #: 0061BN1 Supplier: 59885
SPL-1942	Plugs - Vent, Vacuum Waste System Part #: A38001-22 Supplier: 81205 Opt Part #: A38001-16 Supplier: 81205
SPL-1951	Plug - Waste Water Drain Mast Part #: C38001-29 Supplier: 81205 Opt Part #: C38001-23 Supplier: 81205

D. Consumable Materials

Reference	Description	Specification
B00316	Solvent - Aliphatic Naphtha (For Organic Coatings)	TT-N-95 Type I, ASTM D-3735 Type I
C00174	Compound - Corrosion Preventive, Solvent Cutback, Cold Application	MIL-PRF-16173 (Supersedes MIL-C-16173)
D00015	Grease - Aircraft Bearing (Use BMS 3-24 until existing stocks are depleted, BMS 3-33 supersedes BMS 3-24)	BMS3-24 (Superseded by BMS3-33)
D00054	Fluid - Hydraulic Assembly Lubricant - MCS 352B (Formerly Monsanto MCS 352B)	
D00070	Fluid - Hydraulic, Petroleum Base	MIL-PRF-5606 (Replaces MIL-H-5606)
G00034	Cotton Wiper - Process Cleaning Absorbent Wiper (Cheesecloth, Gauze)	BMS15-5 Class A
G00087	Fabric, Insulation Covering (Self-Extinguishing)	BMS8-142
G00291	Tape - Aluminum Foil, Scotch 425	AMS-T-23397 / L-T-80
G00452	Additive, Fuel - Biobor JF	
G02219	Tape - Yellow Vinyl Adhesive, Scotch Brand No.471, 1.5 Inches (38.1 mm) Wide	
G02321	Tape - Vinyl	BAC5034-4 Type VII Class 1
G02347	Biocide - Fuel - Kathon FP1.5	
G02443	Tape - Barricade, Non-Adhesive, Orange, 3 (76 mm) Inches Wide, 4 mils (0.102 mm) Thick, "REMOVE BEFORE FLIGHT"	
G02444	Tag - Red Paper, "STATIC PORTS COVERED" - 3 inches (76.2 mm) Wide, 6 inches (152.4 mm) Long	

(Continued)

Reference	Description	Specification
G02447	Tag - Red Paper, "PITOT PROBES COVERED" - 3 inches (76.2 mm) Wide, 6 inches (152.4 mm) Long	
G50018	Fabric - Polymer Coated, Flame Resistant, Flexible Cargo Liner	BMS8-343 Type I
G50138	Cloth - Soft Cotton	
G50330	Fabric - Insulation Covering, Flame Propagation Resistant	BMS8-377
G50737	Tape - Aluminum Foil Tape with Easy-Release Liner, Scotch 427	

E. Preparation

SUBTASK 10-11-07-600-001

CAUTION YOU MUST MAKE SURE THAT EACH LANDING GEAR TRUCK IS STRAIGHT BEFORE YOU PARK THE AIRPLANE. IF THE TRUCKS ARE NOT STRAIGHT, TORSIONAL LOADS CAN REMAIN AT EACH TRUCK. THIS CONDITION CAN CAUSE A LEAK AT THE SHOCK STRUT SEAL.

(1) Tow or taxi the airplane into the correct position for parking (PAGEBLOCK 09-11-00/201).

SUBTASK 10-11-07-550-002

(2) Install covers on openings, vents and scoops on the airplane to keep out unwanted materials.

NOTE: Unwanted materials could include, but are not limited to dirt, dust, debris, ice, snow, and volcanic ash.

SUBTASK 10-11-07-600-002

(3) When or where high wind conditions can exist, prepare the airplane for parking in high wind conditions (PAGEBLOCK 10-11-03/201).

F. External Surfaces

SUBTASK 10-11-07-100-001

(1) Wash and dry the airplane, if necessary (TASK 12-25-01-100-801).

NOTE: If the airplane is washed, surfaces/systems requiring lubrication which are exposed to washing must be relubricated within 3 days.

SUBTASK 10-11-07-210-008

(2) Do a visual check of all external surfaces for corrosion or obvious damage.

SUBTASK 10-11-07-860-003

(3) Make sure all of the structural drain holes are open (TASK 51-03-01-200-801).

NOTE: An airplane removed from service can contain accumulated ice or moisture condensation.

SUBTASK 10-11-07-860-004

(4) Make sure that unattended doors and hatches are closed.

SUBTASK 10-11-07-100-002

(5) Remove snow from the airplane when 8 in. (20 cm) or more has accumulated.

SUBTASK 10-11-07-100-003

(6) Do the following steps if the airplane will be stored outside:

(a) Clean and cover flight compartment windows (FLIGHT COMPARTMENT WINDOWS - SERVICING, PAGEBLOCK 12-16-02/301).

(b) Cover the control cabin windows and windshield.

1) Protect the window surface with a soft cotton cloth, G50138.

2) Put aluminized mylar or other reflective material on the outside of the control cabin windows and the windshields.

NOTE: The reflective material should be positioned so that the reflective side is open to the outside air.

3) Fasten the aluminized mylar or other the reflective material with Scotch 425 Aluminum Foil Tape, G00291 or Scotch 427 Aluminum Foil Tape, G50737.

G. Wing, Leading Edge, Trailing Edge, and Empennage/Horizontal and Vertical Stabilizer

SUBTASK 10-11-07-860-005

(1) Retract the Leading Edge (LE) flaps to the FULL UP position (TASK 27-81-00-860-805).

(2) Retract the Trailing Edge (TE) flaps to the FULL UP position (TASK 27-51-00-860-805).

(3) Set the stabilizer to 0 degrees.

(4) Operate all leading edge slats to FULL DOWN position (Leading Edge Slat System Operation With Primary Control, TASK 27-81-00-860-803).

(5) Operate all trailing edge flaps to FULL DOWN position (Leading Edge Slat System Operation With Secondary Control, TASK 27-81-00-860-801).

(6) Operate the stabilizer trim until you complete one full movement of travel.

(7) Inspect all trailing edge flap drive components for corrosion.

(8) Make sure that all trailing edge flap support fairing, empennage and flap drain holes are open.

(9) Lubricate the leading edge slat system with grease, D00015 (LEADING EDGE SLAT SYSTEM - SERVICING, PAGEBLOCK 12-21-08/301).

(10) Lubricate the trailing edge flat system with grease, D00015 (TRAILING EDGE FLAP SYSTEM - SERVICING, PAGEBLOCK 12-21-09/301).

(11) Do this task: Horizontal Stabilizer Ballscrew Actuator Assembly - Lubrication, TASK 12-21-05-600-801.

H. Landing Gear Deactivation

SUBTASK 10-11-07-860-006

(1) Make sure that the airplane is moved at least 10 ft (3 m) in a straight line prior to parking.

SUBTASK 10-11-07-860-007

(2) Put wheel chocks, COM-1505 on the main landing gear fore and aft.

SUBTASK 10-11-07-480-001

(3) Install all gear downlock pins (Landing Gear Downlock Pins Installation, TASK 32-00-30-480-801).

SUBTASK 10-11-07-200-003

(4) Inspect the components of the landing gear for corrosion.

SUBTASK 10-11-07-200-004

(5) Check the inflation of the main landing gear shock strut (MAIN LANDING GEAR SHOCK STRUT - SERVICING, PAGEBLOCK 12-15-01/301).

SUBTASK 10-11-07-200-005

(6) Check the inflation of the nose landing gear shock strut (NOSE LANDING GEAR SHOCK STRUT - SERVICING, PAGEBLOCK 12-15-02/301 Config 2).

SUBTASK 10-11-07-200-006

(7) Check the main landing gear shock strut for leaks (Main Landing Gear Shock Strut Seal Leakage Check, TASK 32-11-25-200-802).

SUBTASK 10-11-07-200-007

(8) Check the nose landing gear shock strut for leaks (Nose Landing Gear Shock Strut Seal Leakage Check, TASK 32-21-25-210-801).

SUBTASK 10-11-07-860-008

(9) Apply fluid, D00070 to all landing gear struts.

SUBTASK 10-11-07-610-007

(10) Make sure the tire pressure is not less than 30 psi (207 kPa) below the serviceable inflation pressure (PAGEBLOCK 12-15-03/301).

NOTE: Up to 15 psi (103 kPa) over pressure is allowable.

(a) Check for leaks if the tire pressure is 30 psi (207 kPa) or more below normal.

(11) Lubricate the main landing gear support beam (MAIN LANDING GEAR SUPPORT BEAM - SERVICING, PAGEBLOCK 12-21-11/301 Config 2).

(12) Lubricate the main landing gear and actuating mechanisms (MAIN LANDING GEAR AND ACTUATING MECHANISMS - SERVICING, PAGEBLOCK 12-21-14/301 Config 2).

(13) Lubricate the main landing gear doors and actuating mechanisms (MAIN LANDING GEAR DOORS AND ACTUATING MECHANISMS - SERVICING, PAGEBLOCK 12-21-15/301 Config 2).

(14) Lubricate the nose landing gear and actuating mechanisms (NOSE LANDING GEAR AND ACTUATING MECHANISMS - SERVICING, PAGEBLOCK 12-21-12/301).

(15) Lubricate the nose landing gear doors and actuating mechanisms (NOSE LANDING GEAR DOORS AND ACTUATING MECHANISMS - SERVICING, PAGEBLOCK 12-21-13/301).

(16) Cycle landing gear doors three times.

(17) Close landing gear doors.

(18) If the airplane will be stored outside, install brake, wheel, tire covers.

(19) Apply a layer of corrosion preventive compound, C00174 on all landing gear parts that are not painted.

NOTE: This does not include titanium parts, hydraulic actuator pistons, and valve slides.

I. APU

CAUTION

IF YOU ATTEMPT ELECTRIC STARTS, DO NOT EXCEED THE APU ELECTRIC STARTER DUTY CYCLE OF A MAXIMUM OF THREE (3) STARTS PER HOUR. IF YOU DO THEN YOU WILL DAMAGE THE APU.

SUBTASK 10-11-07-860-009

(1) Operate APU for a minimum of 5 minutes (APU Starting and Operation, TASK 49-11-00-860-804).

NOTE: The airplane main battery and APU battery must be connected before running the APU.

SUBTASK 10-11-07-860-010

(2) Shut down the APU (APU Usual Shutdown, TASK 49-11-00-860-805).

SUBTASK 10-11-07-200-008

(3) Make sure that the APU battery is charged.

NOTE: The flight deck indication is adequate to check battery condition.

J. Fuel System Deactivation

SUBTASK 10-11-07-860-011

(1) Do the following step at least 24 hours after the airplane is fueled to allow water to settle:

(a) Drain all water that has collected in the sumps of the fuel tanks and surge tanks (FUEL SUMP - OPERATION, PAGEBLOCK 12-11-02/301).

SUBTASK 10-11-07-200-009

(2) Check for evidence of fuel leakage from the APU fuel shroud and the center dry bay drain at the fuel drain mast located along the keel beam forward of the aft edge of the main gear door.

NOTE: During observation, the presence of up to ten drops of fuel, while in storage in any 24 hour period is acceptable.

SUBTASK 10-11-07-860-012

WARNING BIOBOR JF ADDITIVE, G00452 IS POISONOUS. DO NOT BREATHE THE VAPOR AND AVOID CONTACT WITH THE SKIN. IF YOU BREATHE THE VAPOR OR TOUCH THE BIOBOR YOU CAN CAUSE INJURY TO YOURSELF.

CAUTION DO NOT ADD MORE THAN THE MAXIMUM CONCENTRATION OF BIOCIDE. IF THE BIOCIDE CONCENTRATION IS HIGHER THAN THE MAXIMUM LIMIT, DAMAGE TO THE ENGINES CAN OCCUR.

(3) Fill all fuel tanks to between 10% and 20% full.

NOTE: Keep sufficient fuel quantities to cover the hydraulic heat exchangers during and after the engine run plus the additional fuel necessary to operate the engines.

(a) Make sure the fuel contains 270 parts per million by weight Biobor JF additive, G00452 or 100 parts per million Kathon FP1.5 biocide, G02347 (Biocide Treatment of Fuel Tanks - Metered Injection Cart, TASK 28-10-00-600-802).

NOTE: These additives help prevent sealant deterioration and microorganisms in the fuel tanks.

SUBTASK 10-11-07-620-005

(4) Cover each vent opening and jettison nozzle with cotton wiper, G00034 using Scotch Brand No.471 tape, G02219. Attach red flags to each installation.

NOTE: Put covers on each vent opening with cotton wiper, G00034 to make sure insects do not go into the vents.

K. Electrical/Electronic Systems Deactivation

SUBTASK 10-11-07-910-001

(1) Ground the airplane to an approved ground (TASK 20-41-00-910-801).

SUBTASK 10-11-07-840-001

(2) Put necessary switches in the OFF position.

SUBTASK 10-11-07-840-002

(3) Open the circuit breakers for all electrical/electronic components that have been removed from the airplane.

(a) Inspect any removed units for cleanliness and any evidence of corrosion.

(b) Put removed units in moisture resistant containers or plastic bags.

1) Store the removed units in a dry storage area away from high temperatures.

SUBTASK 10-11-07-620-001

(4) Supply the electrical power to all electrical/electronic equipment for a minimum of 2 hours (PAGEBLOCK 24-22-00/201).

SUBTASK 10-11-07-860-013

(5) Make sure that the main battery is charged.

NOTE: The flight deck indication is adequate to check the battery condition.

L. Flight Deck Equipment and Related Instrument Systems

SUBTASK 10-11-07-860-014

(1) Attach a "PITOT PROBES COVERED" tag, G02447 and "STATIC PORTS COVERED" tag, G02444 printed on it in black letters, to the top of the left control wheel in the flight deck with wire.

SUBTASK 10-11-07-860-015

(2) Attach a red tag with wire to the top of the left control wheel in the flight deck.

(a) Write “AOA SENSORS COVERED” on the tag.

SUBTASK 10-11-07-860-016

(3) Install the Total Air Temperature (TAT) probe cover, COM-1519.

SUBTASK 10-11-07-860-017

WARNING

WHEN STATIC PORTS ARE COVERED, MAKE SURE THAT CONDITION IS VISIBLE FROM GROUND. IN ADDITION, ATTACH TAG TO LEFT CONTROL WHEEL IN COCKPIT AS REMINDER THAT STATIC PORTS ARE COVERED. FAILURE TO OBSERVE AND REMOVE COVERINGS OVER STATIC PORTS BEFORE FLIGHT MAY CAUSE LARGE ERRORS IN AIRSPEED-SENSING AND ALTITUDE-SENSING SIGNALS, WHICH MAY LEAD TO LOSS OF SAFE FLIGHT.

CAUTION

WHENEVER AN OPENING IS COVERED, MAKE SURE THAT CONDITION IS VISIBLE FROM GROUND. ENGINES SHOULD NOT BE OPERATED WITH COVERS IN PLACE BECAUSE COVERS CAN COME OFF AND DAMAGE ENGINES.

CAUTION

MAKE SURE THE PITOT-STATIC PROBE COVERS ARE IN GOOD WORKING CONDITION WITH NO EVIDENCE OF DAMAGE, ESPECIALLY FRAYING AROUND THE COVER OPENING. FRAYED FIBERS FROM THE COVER COMBINED WITH OTHER SUBSTANCES SUCH AS DIRT, GREASE AND FLUIDS CAN CAUSE OBSTRUCTION IN THE PROBE.

(4) Install the pitot static probe cover, COM-2497, on the pitot probes (Figure 10-11-01-990-805).

SUBTASK 10-11-07-860-018

WARNING WHEN STATIC PORTS ARE COVERED, MAKE SURE THAT CONDITION IS VISIBLE FROM GROUND. IN ADDITION, ATTACH TAG TO LEFT CONTROL WHEEL IN COCKPIT AS REMINDER THAT STATIC PORTS ARE COVERED. FAILURE TO OBSERVE AND REMOVE COVERINGS OVER STATIC PORTS BEFORE FLIGHT MAY CAUSE LARGE ERRORS IN AIRSPEED-SENSING AND ALTITUDE-SENSING SIGNALS, WHICH MAY LEAD TO LOSS OF SAFE FLIGHT.

CAUTION WHENEVER AN OPENING IS COVERED, MAKE SURE THAT CONDITION IS VISIBLE FROM GROUND. ENGINES SHOULD NOT BE OPERATED WITH COVERS IN PLACE BECAUSE COVERS CAN COME OFF AND DAMAGE ENGINES.

(5) Use Scotch Brand No.471 tape, G02219 and barricade tape, G02443 to cover the static ports in the following manner (Figure 10-11-01-990-805).

SUBTASK 10-11-07-840-007

(6) Cover the static ports (Figure 10-11-01-990-806).

WARNING DO NOT PUT VINYL ADHESIVE TAPE ON THE STATIC PORTS. THE TAPE, OR THE REMAINING CONTAMINATION AFTER YOU REMOVE THE TAPE CAN CAUSE LARGE ERRORS IN AIRSPEED, AND ALTITUDE SIGNALS. THIS MAKES FLIGHT DANGEROUS.

(a) Clean the area around each static port with solvent, B00316 or equivalent, and a clean dry rag where you will put the Scotch Brand No.471 tape, G02219 (Figure 10-11-01-990-806).

(b) Place one end of approximately a 4 ft (1 m) piece of the barricade tape, G02443 over the holes of the static port and secure the upper edge with yellow Scotch Brand No.471 tape, G02219 (Steps 1 and 2, Figure 10-11-01-990-806).

1) Smooth the Scotch Brand No.471 tape, G02219 on the airplane surface to make sure the bond is satisfactory.

2) Do not put Scotch Brand No.471 tape, G02219 over the holes of the static ports.

(c) Put a 5 in. (127 mm) piece of Scotch Brand No.471 tape, G02219 on each vertical edge of the barricade tape, G02443 overlapping the first strip of adhesive tape (Step 3, Figure 10-11-01-990-806).

(d) Put an 8 in. (203 mm) strip of Scotch Brand No.471 tape, G02219 horizontally over the barricade tape, G02443 below the static port holes, overlapping the two vertical strips of adhesive tape (Step 4, Figure 10-11-01-990-806).

(e) Carefully grasp the free section of the barricade tape, G02443 and fold it back up against the surface of the airplane (Steps 5 and 6, Figure 10-11-01-990-806).

1) Place an 8 in. (203 mm) strip of Scotch Brand No.471 tape, G02219 horizontally over the back side of the orange barricade tape overlapping the lower half of the first strip of adhesive tape.

(f) Allowing the barricade tape, G02443 to stream down, place an 8 in. (203 mm) strip of Scotch Brand No.471 tape, G02219 horizontally over the barricade tape, G02443 half way down the length of the barricade tape, G02443 (Step 7, Figure 10-11-01-990-806).

(g) Place a 8 in. (203 mm) strip of the Scotch Brand No.471 tape, G02219 horizontally over the lower end of the barricade tape, G02443 (Step 8, Figure 10-11-01-990-806).

SUBTASK 10-11-07-840-008

(7) Cover the Angle-Of-Attack (AOA) sensors (Figure 10-11-01-990-807, Figure 10-11-01-990-808).

(a) Use a piece of fabric, G50330 sheeting to cover each of the AOA sensors.

(b) Attach a 4 ft (1 m) piece of barricade tape, G02443 to a piece of fabric, G50330.

(c) Put the fabric sheeting along the upper edge of the AOA sensor.

1) Make sure that the edge of the fabric on the upper edge of the AOA sensor is opposite of the end with the piece of barricade tape.

(d) Put one piece of Scotch Brand No.471 tape, G02219 on the upper edge of the fabric sheeting.

(e) Put a piece of Scotch Brand No.471 tape, G02219 on each vertical edge of the fabric sheeting.

1) Overlap the vertical pieces of tape with the first strip of tape along the upper edge.

(f) Put a piece of Scotch Brand No.471 tape, G02219 horizontally over the fabric sheeting below the AOA sensor.

1) Overlap the two vertical strips of tape.

SUBTASK 10-11-07-840-009

(8) Install the probe cover, SPL-1513, on the ice detector probe.

M. Air Conditioning System Deactivation

SUBTASK 10-11-07-620-004

(1) Seal the external openings to the air conditioning system.

(2) Operate air conditioning packs for a minimum of 5 minutes (TASK 21-00-00-800-803).

N. Interiors Deactivation

SUBTASK 10-11-07-840-003

(1) If the airplane will be stored outside, close the window shades.

NOTE: Shades must remain closed to prevent fading of seat, carpet materials, and plastic components due to the sun's ultraviolet rays.

SUBTASK 10-11-07-610-002

(2) Make sure all the tray carriers and waste containers are empty and clean, do this task (Waste Tank Servicing, TASK 12-17-01-610-801).

SUBTASK 10-11-07-210-002

(3) Make sure all sick bag containers and used travel containers in lavatories are empty and clean.

SUBTASK 10-11-07-860-019

(4) Make sure all food storage compartments are empty and clean.

SUBTASK 10-11-07-860-020

(5) Drain all galley water lines and galley inserts that contain water.

SUBTASK 10-11-07-860-021

(6) Open the cabinets, closets, and interior doors to supply ventilation and to prevent mildew.

SUBTASK 10-11-07-860-022

(7) Make sure that the select handles on all passenger entry doors are in the DISARM or MANUAL mode.

SUBTASK 10-11-07-860-023

(8) Make sure that the safety switches on all EPAS batteries are in the maintenance position.

SUBTASK 10-11-07-860-024

(9) Make sure that the slide/rafts for passenger entry doors have safety pins installed in the slide inflation bottle regulator and pack release mechanisms.

SUBTASK 10-11-07-860-025

(10) Make sure that safety pins are installed in the regulator assemblies of the off-wing escape slide inflation bottles.

SUBTASK 10-11-07-020-002

(11) Make sure the humidity is below 70 percent.

(a) If the airplane has been in storage for more than 30 days and the humidity reaches 70 percent or higher, remove the seats and carpet in the flight compartment and the passenger compartment or take corrective action to reduce the humidity.

1) If necessary, use conditioned ground air to control the humidity on the airplane (AIR CONDITIONING - GENERAL - MAINTENANCE PRACTICES, PAGEBLOCK 21-00-00/201).

O. Hydraulic System Deactivation

SUBTASK 10-11-07-211-003

(1) Do a check of the hydraulic system for leaks and make repairs, if necessary (HYDRAULIC SYSTEMS - SERVICING, PAGEBLOCK 12-12-01/301).

SUBTASK 10-11-07-640-002

(2) Lubricate all bearings which have lubrication fittings on the Ram Air Turbine with grease, D00015 (RAM AIR TURBINE (RAT) - SERVICING, PAGEBLOCK 12-21-30/301).

SUBTASK 10-11-07-610-005

(3) Service the hydraulic reservoirs and accumulators (TASK 12-15-04-610-802).

SUBTASK 10-11-07-610-006

(4) Fill the hydraulic pump gearbox pneumatic drive with oil (TASK 12-13-05-610-801).

SUBTASK 10-11-07-620-006

(5) Cover the openings for the air driven hydraulic pump turbine exhaust with fabric, G00087.

SUBTASK 10-11-07-100-004

(6) Clean and apply a layer of MCS 352B fluid, D00054 to all of the finished surfaces on the actuator piston rods and valve slides which are open to the outside air.

P. Oxygen System

SUBTASK 10-11-07-860-026

(1) Make sure shutoff valves on all 115 ft^3 (3 m^3). cylinders and portable cylinders are closed.

SUBTASK 10-11-07-860-027

(2) Make sure the crew oxygen cylinders are not due for hydrostatic test during storage period (Oxygen Cylinder Correct Installation and Condition Check, TASK 35-11-00-210-801).

SUBTASK 10-11-07-860-028

(3) Make sure the portable oxygen cylinders are not due for hydrostatic test during storage period (Portable Oxygen Cylinder Pressure and Condition Check, TASK 35-31-00-210-802).

Q. Water and Waste Deactivation

SUBTASK 10-11-07-610-008

(1) Drain the portable water system (TASK 12-14-01-616-802).

NOTE: Make sure the system is empty.

SUBTASK 10-11-07-160-003

(2) Disinfect the potable water system (TASK 38-10-00-600-801).

SUBTASK 10-11-07-420-002

(3) Install the waste water drain mast plug, SPL-1951 on the drain mast.

SUBTASK 10-11-07-610-009

(4) Drain and flush all of the toilet tanks (PAGEBLOCK 12-17-01/301).

NOTE: Make sure the system is empty.

SUBTASK 10-11-07-420-001

(5) Install the vacuum waste vent plug, SPL-1942 in the overboard vent outlets.

R. Fire Protection

SUBTASK 10-11-07-860-029

(1) Open these circuit breakers and install safety tags:

Standby Power Management Panel, P310

Row	Col	Number	Name
L	6	C26638	FIRE EXT CGO BTL 1A & VLV SQB
L	7	C26639	FIRE EXT CGO BTL 2A,2B & 2C
L	8	C26640	FIRE EXT CGO BTL 1B & VLV SQB

SUBTASK 10-11-07-420-003

(2) Put caps to cover the fire extinguisher discharge nozzles.

S. Primary Flight Controls

SUBTASK 10-11-07-860-030

(1) Supply the power to all Avionics systems for at least two hours and move all flight control surfaces.

SUBTASK 10-11-07-860-031

(2) Cover the gust suppression transducer pressure ports that are on the vertical stabilizer.

(a) Use the material fabric, G00087 or cargo liner, G50018 and tape, G02321 to make the covers.

SUBTASK 10-11-07-820-001

(3) Move the trailing edge flaps until the flaps complete three full cycles of travel.

SUBTASK 10-11-07-820-002

(4) Move the leading edge flaps until the flaps complete three full cycles of travel.

SUBTASK 10-11-07-820-003

(5) Move the stabilizer trim until you complete one full cycle of travel.

SUBTASK 10-11-07-820-004

(6) Move the rudder trim until out complete one full cycle of travel.

SUBTASK 10-11-07-820-005

(7) Move the aileron trim until you complete one full cycle of travel.

SUBTASK 10-11-07-820-006

(8) Move the elevators until you complete three full cycles of travel.

NOTE: Park the surface within 2 degrees of the previous park position, but not at the same position.

SUBTASK 10-11-07-820-007

(9) Move the rudder until you complete three full cycles of travel.

SUBTASK 10-11-07-820-008

(10) Move the ailerons/flaperons until you complete three full cycles of travel.

SUBTASK 10-11-07-640-003

(11) Do the following steps to lubricate the flight controls:

(a) Lubricate the elevator (ELEVATOR LUBRICATION - SERVICING, PAGEBLOCK 12-21-04/301).

(b) Lubricate the rudder (RUDDER LUBRICATION - SERVICING, PAGEBLOCK 12-21-06/301).

(c) Lubricate the aileron and flaperon (AILERON AND FLAPERON LUBRICATION - SERVICING, PAGEBLOCK 12-21-07/301).

(d) Lubricate the spoiler (SPOILER/SPEEDBRAKE LUBRICATION - SERVICING, PAGEBLOCK 12-21-10/301).

SUBTASK 10-11-07-860-032

(12) Verify that the flaperon cove door area is free of debris.

T. Nitrogen Generating System

SUBTASK 10-11-07-840-004

(1) Cover the dedicated ram NGS ram inlet, NGS ram exhaust, and OEA exhaust openings using Scotch Brand No.471 tape, G02219.

——— END OF TASK ———

TASK 10-11-07-600-802

3. Service and Protection on 7 Day (1 Week) Cycle

A. General

(1) Do this procedure every 7 days during Active Storage.

(2) The following airplane Active Storage Quick Check table is to be used only for reference and for a quick review of what is in the procedure:

WARNING THE QUICK CHECK TABLE IS NOT A SUBSTITUTE FOR FOLLOWING THE COMPLETE PROCEDURE WHICH CONTAINS WARNINGS, CAUTIONS, TASKS, AND DETAILED INSTRUCTIONS. FAILURE TO FOLLOW THE COMPLETE PROCEDURE CAN RESULT IN INJURIES TO PERSONNEL AND DAMAGE TO THE AIRPLANE AND EQUIPMENT.

(a) Table 202 below is for a Quick Check to show what is necessary when you do the preservation to an airplane. This data is in direct relationship with the tasks and subtasks within the procedure. The table was created to help the mechanic understand quickly what is necessary to put an airplane into a storage condition.

Table 202/10-11-07-993-803

7-DAY ACTIVE STORAGE PROCEDURE – QUICK CHECK	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
EXTERNAL SURFACES (FUSELAGE, WING, HORIZONTAL AND VERTICAL STABILIZERS)	Do this step: • Check the installation and condition of all covers. Do these steps as needed: • Close all doors and hatches when airplane is unattended • Remove snow if more than 8 in. (20 cm) accumulate • Stow all leading edge flaps, slats, trailing edge flaps and spoilers in the stowed position.
APU	Do these steps • Operate the APU • Install covers and plugs.
FUEL	Do this step as needed: • Put greater than 10% fuel capacity (approximately 20%) into the fuel tanks.
AIR CONDITIONING	Do these steps: • Operate air conditioning packs for a minimum of 5 minutes. Do these steps as needed: • Close the outflow valves.
AVIONICS & FLIGHT CONTROLS	Do these steps as needed: • Put flaps/slats in full up position.
INTERIORS	Do this step: • Check the humidity.

B. References

Reference	Title
21-00-00-800-803	Supply Conditioned Air with a Cooling Pack (P/B 201)
21-31-00	CABIN PRESSURE CONTROL SYSTEM
27-51-00 P/B 201	TRAILING EDGE FLAP SYSTEM - MAINTENANCE PRACTICES
27-51-00-860-805	Retract the Trailing Edge Flaps (P/B 201)
27-81-00 P/B 201	LEADING EDGE SLAT SYSTEM - MAINTENANCE PRACTICES
27-81-00-860-805	Retract the Leading Edge Slats (P/B 201)
49-11-00-860-804	APU Starting and Operation (P/B 201)
49-11-00-860-805	APU Usual Shutdown (P/B 201)

C. External Surfaces

SUBTASK 10-11-07-610-010

(1) Make sure all protective coverings are installed correctly.

(a) If necessary, reinstall the protective coverings where required.

SUBTASK 10-11-07-610-011

(2) Do these steps if they are necessary:

(a) Make sure to close all doors and hatches when airplane is unattended.

(b) Remove snow from the airplane when 8 in. (20 cm) or more has accumulated.

(c) Stow all leading edge flaps, slats, trailing edge flaps and spoilers in the stowed position (PAGEBLOCK 27-51-00/201, PAGEBLOCK 27-81-00/201).

D. APU

SUBTASK 10-11-07-710-005

(1) Operate APU for a minimum of 5 minutes (APU Starting and Operation, TASK 49-11-00-860-804).

NOTE: The airplane main battery and APU battery must be connected before running the APU.

SUBTASK 10-11-07-860-033

(2) Shut down the APU (APU Usual Shutdown, TASK 49-11-00-860-805).

SUBTASK 10-11-07-420-004

(3) Install covers and plugs on the APU inlet and exhaust ducts.

E. Fuel

SUBTASK 10-11-07-610-013

(1) Do this step if it is necessary:

(a) Keep sufficient fuel quantities to cover the hydraulic heat exchangers during and after the engine run plus the additional fuel necessary to operate the engines.

F. Air Conditioning

SUBTASK 10-11-07-620-008

(1) Operate air conditioning packs for a minimum of 5 minutes (TASK 21-00-00-800-803).

SUBTASK 10-11-07-620-009

(2) Do this step if it is necessary:

(a) Make sure to close the outflow valves (CABIN PRESSURE CONTROL SYSTEM, SUBJECT 21-31-00).

G. Avionics & Flight Controls

SUBTASK 10-11-07-620-010

(1) Do this step as needed:

(a) Retract the LE flaps to the FULL UP position (TASK 27-81-00-860-805).

(b) Retract the TE flaps to the FULL UP position (TASK 27-51-00-860-805).

H. Interiors

SUBTASK 10-11-07-860-034

(1) Make sure the humidity is below 70 percent.

(a) If the airplane has been in storage for more than 30 days and the humidity reaches 70 percent or higher, remove the seats and carpet in the flight compartment and the passenger compartment or take corrective action to reduce the humidity.

——— END OF TASK ———

TASK 10-11-07-600-803

4. Service and Protection on 14 Day (2 Week) Cycle

A. General

(1) Do this procedure every 14 days during Active Storage in addition to the procedure at 7 day intervals (TASK 10-11-07-600-802).

(2) The following airplane Active Storage Quick Check table is to be used only for reference and for a quick review of what is in the procedure:

WARNING THE QUICK CHECK TABLE IS NOT A SUBSTITUTE FOR FOLLOWING THE COMPLETE PROCEDURE WHICH CONTAINS WARNINGS, CAUTIONS, TASKS, AND DETAILED INSTRUCTIONS. FAILURE TO FOLLOW THE COMPLETE PROCEDURE CAN RESULT IN INJURIES TO PERSONNEL AND DAMAGE TO THE AIRPLANE AND EQUIPMENT.

(a) Table 203 below is for a Quick Check to show what is necessary when you do the preservation to an airplane. This data is in direct relationship with the tasks and subtasks within the procedure. The table was created to help the mechanic understand quickly what is necessary to put an airplane into a storage condition.

Table 203/10-11-07-993-805

14-DAY ACTIVE STORAGE PROCEDURE – QUICK CHECK	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
All	Do all steps from 7 day cycle task.
EXTERNAL SURFACES (FUSELAGE, WING, HORIZONTAL AND VERTICAL STABILIZERS)	Do these steps as needed: • Close all doors and hatches when airplane is unattended • Remove snow if more than 8 in. (20 cm) accumulate.
LANDING GEAR	Do this step: • Service the struts and check for leaks • Check tire pressure.
FUEL	Do this step as needed: • Put greater than 10% fuel capacity (approximately 20%) into the fuel tanks.
ELECTRICAL/ELECTRONIC	Do these steps: • Install airplane static ground • Position necessary switches to "OFF" • Apply electrical power to all electrical/electronic equipment for a minimum of 2 hours • Make sure that battery is fully charged.
AIR CONDITIONING	Do this step as needed: • Close outflow valves.
AVIONICS & FLIGHT CONTROLS	Do this step: • Power-up all avionics and move all flight control surfaces.

B. References

Reference	Title
12-15-03 P/B 301	LANDING GEAR TIRE - SERVICING
20-41-00-910-801	Static Grounding (P/B 201)
21-31-00	CABIN PRESSURE CONTROL SYSTEM
24-22-00 P/B 201	AC GENERATION AND BUS CONTROL - MAINTENANCE PRACTICES
24-31-01-400-801	Main Battery Installation (P/B 401)

C. Preparation

SUBTASK 10-11-07-610-016

(1) Do this task: (Service and Protection on 7 Day (1 Week) Cycle, TASK 10-11-07-600-802).

D. External Surfaces

SUBTASK 10-11-07-610-017

(1) Do these steps, if necessary:

(a) Make sure that unattended doors and hatches are closed.

(b) Remove snow from the airplane when 8 in. (20 cm) or more has accumulated.

E. Landing Gear

SUBTASK 10-11-07-610-018

(1) Clean and oil shock-strut and steering-cylinder pistons if they are not protected with covers.

SUBTASK 10-11-07-860-035

(2) Make sure the tire pressure is not less than 30 psi (207 kPa) below the serviceable inflation pressure (LANDING GEAR TIRE - SERVICING, PAGEBLOCK 12-15-03/301).

NOTE: Up to 15 psi (103 kPa) over pressure is allowable.

(a) Check for leaks if the tire pressure is 30 psi (207 kPa) or more below normal.

F. Fuel

SUBTASK 10-11-07-610-019

(1) Do this step, if necessary:

(a) Keep sufficient fuel quantities to cover the hydraulic heat exchangers during and after the engine run plus the additional fuel necessary to operate the engines.

G. Electrical/Electronic

SUBTASK 10-11-07-860-036

(1) Make sure the airplane is grounded to an approved ground (Static Grounding, TASK 20-41-00-910-801).

SUBTASK 10-11-07-860-037

(2) Make sure the necessary switches are in the OFF position.

SUBTASK 10-11-07-760-001

(3) Supply the electrical power to all electrical/electronic equipment for a minimum of 2 hours (PAGEBLOCK 24-22-00/201).

SUBTASK 10-11-07-200-002

(4) Make sure the main battery is in the fully-charged condition (Main Battery Installation, TASK 24-31-01-400-801).

H. Air Conditioning

SUBTASK 10-11-07-610-020

(1) Do this step, if necessary:

(a) Make sure you close the outflow valves (CABIN PRESSURE CONTROL SYSTEM, SUBJECT 21-31-00).

I. Avionics and Flight Control Systems

SUBTASK 10-11-07-610-021

(1) Supply the power to all Avionics systems for at least two hours.

——— END OF TASK ———

TASK 10-11-07-600-804

5. Service and Protection on 30 Day (1 Month) Cycle

A. General

(1) Do this procedure every 30 days during Active Storage in addition to the procedures at 7 day intervals (TASK 10-11-07-600-802) and 14 day intervals (TASK 10-11-07-600-803).

(2) The following airplane Active Storage Quick Check table is to be used only for reference and for a quick review of what is in the procedure:

WARNING THE QUICK CHECK TABLE IS NOT A SUBSTITUTE FOR FOLLOWING THE COMPLETE PROCEDURE WHICH CONTAINS WARNINGS, CAUTIONS, TASKS, AND DETAILED INSTRUCTIONS. FAILURE TO FOLLOW THE COMPLETE PROCEDURE CAN RESULT IN INJURIES TO PERSONNEL AND DAMAGE TO THE AIRPLANE AND EQUIPMENT.

(a) Table 204 below is for a Quick Check to show what is necessary when you do the preservation to an airplane. This data is in direct relationship with the tasks and subtasks within the procedure. The table was created to help the mechanic understand quickly what is necessary to put an airplane into a storage condition.

Table 204/10-11-07-993-806

30-DAY ACTIVE STORAGE PROCEDURE – QUICK CHECK	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
All	Do these steps: • Do all steps from 7 day cycle task. • Do all steps from 14 day cycle task.
EXTERNAL SURFACES (FUSELAGE, WING, HORIZONTAL AND VERTICAL STABILIZERS)	Do these steps as needed: • Close all doors and hatches when airplane is unattended • Remove snow if more than 8 in. (20 cm) accumulate • Open all structural drain holes • Examine the airplane to check for corrosion, obvious damage • Stow all leading edge flaps, slats, trailing edge flaps and spoilers in the stowed position.

Table 204/10-11-07-993-806 (Continued)

30-DAY ACTIVE STORAGE PROCEDURE – QUICK CHECK	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
LANDING GEAR	Do these steps: • Lubricate the wheel bearings • Examine the tire.
FUEL	Do this step as needed: • Put greater than 10% fuel capacity (approximately 20%) into the fuel tanks • Drain water (sumps and surge tanks) • Check for fuel leakage.
AIR CONDITIONING	Do this step as needed: • Close outflow valves.
AVIONICS & FLIGHT CONTROLS	Do these steps: • Supply the power • Operate the flight controls. • Put flaps/slats in full up position.
POWER PLANT	Do these step: • Do the engine preservation • Operate the Engines • Operate the AC packs • Shutdown the Engines • Cover all NGS openings. • Operate the Thrust Reversers
INTERIORS	Do this step: • Examine the seat and carpets for moisture.
NITROGEN GENERATION	Do this step: • Cover all NGS openings.

B. References

Reference	Title
05-51-54-210-801	Flat Spotted Tire Conditional Inspection (P/B 201)
09-11-04-580-801	Tow the Airplane With Flat Tire(s) (P/B 201)
12-11-02 P/B 301	FUEL SUMP - OPERATION
21-00-00-800-803	Supply Conditioned Air with a Cooling Pack (P/B 201)
21-31-00	CABIN PRESSURE CONTROL SYSTEM
32-45-04-700-801	Tires Inspection (P/B 601)
51-03-01-200-801	Drain Valve Inspection (P/B 601)
71-00-00-800-806-H01	Engine Manual Start (P/B 201)
71-00-00-800-837-H00	Usual Engine Stop (P/B 201)
78-31-00-710-823-H00	Thrust Reverser - Operational Test (Engine In Operation) (P/B 501)

C. Consumable Materials

Reference	Description	Specification
G02219	Tape - Yellow Vinyl Adhesive, Scotch Brand No.471, 1.5 Inches (38.1 mm) Wide	

D. Preparation

SUBTASK 10-11-07-610-022

(1) Do this task: (Service and Protection on 7 Day (1 Week) Cycle, TASK 10-11-07-600-802).

SUBTASK 10-11-07-610-023

(2) Do this task: (Service and Protection on 14 Day (2 Week) Cycle, TASK 10-11-07-600-803).

SUBTASK 10-11-07-680-001

(3) Do the following step at least 24 hours after the airplane is fueled to allow water to settle:

(a) Drain all water that has collected in the sumps of the fuel tanks and surge tanks (FUEL SUMP - OPERATION, PAGEBLOCK 12-11-02/301).

E. External Surfaces

SUBTASK 10-11-07-610-024

(1) Do these steps as needed:

(a) Make sure that unattended doors and hatches are closed.

(b) Remove snow from the airplane when 8 in. (20 cm) or more has accumulated.

SUBTASK 10-11-07-860-038

(2) Make sure that all of the structural drain holes are open (TASK 51-03-01-200-801).

SUBTASK 10-11-07-211-006

(3) Do a visual check of all external surfaces for corrosion or obvious damage.

F. Landing Gear

SUBTASK 10-11-07-640-001

(1) Lubricate the wheel bearings.

SUBTASK 10-11-07-211-007

(2) Check the tires for flat spots (TASK 32-45-04-700-801).

(a) If there are flat spots on the tires, then find the cause (TASK 05-51-54-210-801).

SUBTASK 10-11-07-860-039

(3) Rotate the tires at least one-third revolution or tow the airplane a short distance to avoid deformation (TASK 09-11-04-580-801).

NOTE: If the plane is stored inside, rotation may be accomplished by raising the wheels with an axle jack, putting the airplane on jacks, or towing the airplane. If practical, rotate the wheel three or more turns to redistribute bearing lubricant before establishing the new ground contact point.

G. Fuel

SUBTASK 10-11-07-610-025

(1) Do this step as needed:

(a) Keep sufficient fuel quantities to cover the hydraulic heat exchangers during and after the engine run plus the additional fuel necessary to operate the engines.

SUBTASK 10-11-07-680-002

(2) Do the following step at least 24 hours after the airplane is fueled to allow water to settle:

(a) Drain all water that has collected in the sumps of the fuel tanks and surge tanks (FUEL SUMP - OPERATION, PAGEBLOCK 12-11-02/301).

SUBTASK 10-11-07-860-040

(3) Check for evidence of fuel leakage from the APU fuel shroud and the center dry bay drain at the fuel drain mast located along the keel beam forward of the aft edge of the main gear door.

NOTE: During observation, the presence of up to ten drops of fuel, while in storage in any 24 hour period is acceptable.

H. Air Conditioning

SUBTASK 10-11-07-610-027

(1) Do this step as needed:

(a) Make sure to close the outflow valves (CABIN PRESSURE CONTROL SYSTEM, SUBJECT 21-31-00).

I. Power Plant

SUBTASK 10-11-07-610-029

(1) Do the engine preservation procedures:

(a) Operate each engine (TASK 71-00-00-800-806-H01).

(b) Operate the Air Conditioning (A/C) packs during engine operation (TASK 21-00-00-800-803).

(c) Do the engine shutdown procedure (TASK 71-00-00-800-837-H00).

(2) Cover the dedicated ram NGS ram inlet, NGS ram exhaust, and OEA exhaust openings using Scotch Brand No.471 tape, G02219.

(3) Operate the thrust reversers (TASK 78-31-00-710-823-H00).

J. Interiors

SUBTASK 10-11-07-200-010

(1) Inspect the seats and carpets for moisture mildew or other spoiling effects.

K. Nitrogen Generation System

SUBTASK 10-11-07-860-041

(1) Make sure that the dedicated ram NGS ram inlet, NGS ram exhaust, and OEA exhaust openings are covered using Scotch Brand No.471 tape, G02219.

——— END OF TASK ———

TASK 10-11-07-600-805

6. Service and Protection on 60 Day (2 Month) Cycle

A. General

(1) Do this procedure every 60 days during Active Storage in addition to the procedures at 7 day intervals (TASK 10-11-07-600-802), 14 day intervals (TASK 10-11-07-600-803) and 30 day intervals TASK 10-11-07-600-804.

(2) The following airplane Active Storage Quick Check table is to be used only for reference and for a quick review of what is in the procedure:

WARNING THE QUICK CHECK TABLE IS NOT A SUBSTITUTE FOR FOLLOWING THE COMPLETE PROCEDURE WHICH CONTAINS WARNINGS, CAUTIONS, TASKS, AND DETAILED INSTRUCTIONS. FAILURE TO FOLLOW THE COMPLETE PROCEDURE CAN RESULT IN INJURIES TO PERSONNEL AND DAMAGE TO THE AIRPLANE AND EQUIPMENT.

(a) Table 205 below is for a Quick Check to show what is necessary when you do the preservation to an airplane. This data is in direct relationship with the tasks and subtasks within the procedure. The table was created to help the mechanic understand quickly what is necessary to put an airplane into a storage condition.

Table 205/10-11-07-993-807

60-DAY ACTIVE STORAGE PROCEDURE – QUICK CHECK	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
All	Do these steps: • Do all steps from 7 day cycle task. • Do all steps from 14 day cycle task. • Do all steps from 30 day cycle task.
Fuel	Do these steps: • Examine the vent opening • Put covers on each vent opening.
Oxygen	Do this step: • Check all oxygen cylinder pressures. Do these steps as needed: • Cap and store all tubes and masks • Put the tag on the cylinder.

B. Consumable Materials

Reference	Description	Specification
G00034	Cotton Wiper - Process Cleaning Absorbent Wiper (Cheesecloth, Gauze)	BMS15-5 Class A
G00624	Bag - Plastic, General Purpose	
G02219	Tape - Yellow Vinyl Adhesive, Scotch Brand No.471, 1.5 Inches (38.1 mm) Wide	

C. Preparation

SUBTASK 10-11-07-610-030

(1) Do this task: (Service and Protection on 7 Day (1 Week) Cycle, TASK 10-11-07-600-802).

SUBTASK 10-11-07-610-031

(2) Do this task: (Service and Protection on 14 Day (2 Week) Cycle, TASK 10-11-07-600-803).

SUBTASK 10-11-07-610-032

(3) Do this task: (Service and Protection on 30 Day (1 Month) Cycle, TASK 10-11-07-600-804).

D. Fuel System

SUBTASK 10-11-07-860-042

(1) Make sure each vent opening and jettison nozzle is covered with cotton wiper, G00034 using Scotch Brand No.471 tape, G02219.

NOTE: Put covers on each vent opening with cotton wiper, G00034 to make sure insects do not go into the vents.

E. Oxygen System

SUBTASK 10-11-07-860-043

(1) Make sure that all crew oxygen cylinders maintain pressure above 50 psi (345 kPa).

SUBTASK 10-11-07-860-044

(2) Make sure that all passenger/supernumerary oxygen cylinders maintain pressure above 50 psi (345 kPa).

SUBTASK 10-11-07-860-045

(3) Make sure that all portable oxygen cylinders maintain pressure above 50 psi (345 kPa).

SUBTASK 10-11-07-420-005

(4) If the oxygen cylinders are removed from the airplane, do the steps that follow:

(a) Cap the tube ends and put them in a clean polyethylene plastic bag, G00624.

(b) Remove the crew oxygen system masks and put them in a clean polyethylene plastic bag, G00624.

(c) Put a plastic bag, G00624 on the hose connections for the crews oxygen masks.

(d) Put a tag on the cylinder to show it is serviceable.

NOTE: This is if the cylinder pressure is more than 50 psi (345 kPa) and the subsequent hydrostatic test date will not expire soon.

——— END OF TASK ———

TASK 10-11-07-630-801

7. Put the Airplane Back to a Serviceable Condition After Storage

A. General

(1) This procedure gives the steps to return the airplane to a serviceable condition after Active Storage (AS).

(2) The airplane Active Storage depreservation quick check table that follows is a reference or quick review only. It shows only a summary of the many tasks in this procedure.

WARNING

THE QUICK CHECK TABLE IS NOT A SUBSTITUTE FOR FOLLOWING THE COMPLETE PROCEDURE WHICH CONTAINS WARNINGS, CAUTIONS, TASKS, AND DETAILED INSTRUCTIONS. FAILURE TO FOLLOW THE COMPLETE PROCEDURE CAN RESULT IN INJURIES TO PERSONNEL AND DAMAGE TO THE AIRPLANE AND EQUIPMENT.

(a) Table 206 below is for a Quick Check to show what is necessary when you do the preservation to an airplane. This data is in direct relationship with the tasks and steps within the procedure. The table helps the mechanic understand quickly what is necessary to put an airplane into a storage condition.

Table 206/10-11-07-993-804

ACTIVE STORAGE DEPRESERVATION PROCEDURE – QUICK CHECK	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
All	Do these steps: • Examine the airplane to check for corrosion, obvious damage • Remove all tape and covers • Prepare the airplane for return to service (Park the Airplane (Normal Parking), TASK 10-11-01-580-804). *[1] • Inflate the tires • Inspect the landing gear wheels • Inspect the fuel tanks for microbial growth • Activate the toilet and sink • Test the APU fire extinguisher • Activate the NGS • Service all actuator rods and valve slides that are open to the outside air. • Operate the landing gear • Examine the engine for contamination • Operate the engine • Shutdown the engine • Operate the thrust reversers. Do this step as needed • Check for snow and ice conditions.
EXTERNAL SURFACES (FUSELAGE, WING, HORIZONTAL AND VERTICAL STABILIZERS)	Do these steps: • Remove snow if more than 8 in. (20 cm) has accumulated. • Service all of the doors • Examine all door seals • Check for cargo doors open and closing force • Check entry door handle for bind. Do this step if needed: • Wash and dry the airplane.
WING, LEADING EDGE, TRAILING EDGE, AND EMPENNAGE/HORIZONTAL AND VERTICAL STABILIZER	Do these steps: • Test the slats and flaps for operation • Test the spoilers for operation • Examine the spoilers for corrosion, obvious damage • Open all structural drain holes and allow water to drain • Service all flap and slat components • Service all horizontal and vertical stabilizer components.

Table 206/10-11-07-993-804 (Continued)

ACTIVE STORAGE DEPRESERVATION PROCEDURE – QUICK CHECK	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
LANDING GEAR	Do these steps: • Install ground lock pins • Set the parking brake • Check F/O landing gear handle is in “DOWN” position • Check landing gear doors are closed • Remove wheel chocks • Check tire pressures. • Check tire flat spots • Test the alternate extension for operation • Tow the airplane a short distance • Check the wheels • Check the main landing gear brakes • Examine all landing gear door seals • Examine the landing gear for corrosion Do these steps if needed: • Remove all mooring restraints • Connect the torsion link • Check the inflation of shock struts • Test the tail skid system for operation
APU FIRE DETECTION	Do this step: • Check the fire detection system is serviceable
APU FIRE EXTINGUISHER	Do these steps: • Check the fire bottle and bottle squib for expiration date • Check the fire bottle and bottle squib are serviceable
FUEL	Do these steps: • Remove all cover, flags, and tape from the vent and openings • Service the tanks to maximum quantities. • Drain water (sumps and surge tanks) • Check for fuel leakage • Check for microbial growth in all tanks.

Table 206/10-11-07-993-804 (Continued)

ACTIVE STORAGE DEPRESERVATION PROCEDURE – QUICK CHECK	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
ELECTRICAL/ELECTRONIC	Do these steps: • Apply electrical power to all electrical/electronic equipment for a minimum of 2 hours. • Check all batteries are fully charged. • Test the emergency lights with control switches • Close all circuit breakers • Position necessary switches to “ON”. • Remove static ground.
FLIGHT COMPARTMENT & RELATED INSTRUMENT	Do these steps: • Remove cover and tape from all probes, engine inlet, fan exhaust, turbine exhaust, and windows. • Check fire extinguishers are serviceable • Check all pitot-static systems are drained • Test the range static for leak • Test the all probes for operation • Test the windshield wiper operation.
AIR CONDITIONING	Do this step: • Do the de-preservation procedure to the air conditioning systems.
HYDRAULIC	Do these steps: • Clean grease off all actuators • Pressurize hydraulic system • Check hydraulic system components • Hydraulic system component leak check • Replace hydraulic system filters • Service all systems.
FLIGHT CONTROLS	Do these steps: • Service all systems • Move flight control surfaces • Check condition of the control cables • Perform primary and secondary control tests.
INTERIORS	Do these steps: • Open window shades • Examine the seat and carpets for moisture. • Check tray carriers and waste containers

Table 206/10-11-07-993-804 (Continued)

ACTIVE STORAGE DEPRESERVATION PROCEDURE – QUICK CHECK	
AIRPLANE AREA	**ABBREVIATED PROCEDURE**
OXYGEN	Do these steps: • Check oxygen generator • Examine oxygen system • Check the condition, age, date, and pressure of portable oxygen bottles • Examine oxygen system for corrosion or anomalies • Examine for leak
POTABLE WATER	Do this step: • Activate the potable water system
FIRE PROTECTION	Do these steps: • Closed circuit breakers • Remove the fire extinguisher discharge nozzles. • Cargo fire extinguishing systems • Engine fire extinguishing systems • APU fire extinguishing systems • Fire extinguisher bottles • Smoke detectors.
EQUIPMENT AND FURNISHINGS	Do these steps: • Service fire extinguishers • Open shades.
NITROGEN GENERATING SYSTEM	Do these steps: • Remove cover from dedicated ram inlet and outlet • Perform leak check • Perform visual inspection • Perform operation check

*[1] Do only the steps in the procedure that follows these words: “Put the Airplane Back In Its Usual Condition for Return to Service.”

B. References

Reference	Title
05-51-28-210-801	Ice or Snow Conditional Inspection (P/B 201)
05-51-54-210-801	Flat Spotted Tire Conditional Inspection (P/B 201)
07-11-01 P/B 201	JACKING AIRPLANE - MAINTENANCE PRACTICES
09-11-04-580-801	Tow the Airplane With Flat Tire(s) (P/B 201)
10-11-01-580-804	Park the Airplane (Normal Parking) (P/B 201)
12-11-02 P/B 301	FUEL SUMP - OPERATION
12-12-01 P/B 301	HYDRAULIC SYSTEMS - SERVICING
12-15-01 P/B 301	MAIN LANDING GEAR SHOCK STRUT - SERVICING
12-15-02 P/B 301 Config 2	NOSE LANDING GEAR SHOCK STRUT - SERVICING
12-15-03 P/B 301	LANDING GEAR TIRE - SERVICING

(Continued)

Reference	Title
12-15-04-610-802	Brake Accumulator Servicing (P/B 301)
12-17-01-610-801	Waste Tank Servicing (P/B 301)
12-21-31-600-801	Control Cable Lubrication (P/B 301)
12-25-01-100-801	Clean (Wet Wash) the External Surfaces of the Airplane (P/B 301)
20-41-00-910-801	Static Grounding (P/B 201)
21-00-00-800-803	Supply Conditioned Air with a Cooling Pack (P/B 201)
22-11-00-730-805	Control Column Backdrive - System Test (P/B 501)
22-11-00-730-806	Control Wheel Backdrive - System Test (P/B 501)
22-11-00-730-807	Rudder Pedal Backdrive - System Test (P/B 501)
24-22-00 P/B 201	AC GENERATION AND BUS CONTROL - MAINTENANCE PRACTICES
26-10-00-710-802	FIRE/OVHT Operational Test (P/B 501)
26-11-00-710-801	Engine Fire Detection Operational Test (P/B 501)
26-15-00-710-801	APU Fire Detection Operational Test (P/B 501)
26-16-00-710-801	Lower Cargo Compartment Smoke Detection Operational Test (P/B 501)
26-16-00-730-801	Lower Cargo Compartment Smoke Detection System Test (P/B 501)
26-22-00-000-802	APU Fire Extinguishing Bottle Squib MAT Test (P/B 501)
26-22-00-730-801	APU Fire Extinguishing System Test (P/B 501)
26-23-00-710-801	Cargo Fire Extinguishing Bottle Pressure Switch - Operational Test (P/B 501)
26-23-00-710-802	Cargo Fire Extinguishing Squibs - Operational Test (P/B 501)
27-11-00-700-802	Control Wheel and Cable Adjustment (Rigging) (P/B 501)
27-11-00-720-801	Control Wheel Force Versus Travel Test (P/B 501)
27-11-07-400-801	Force Limiter Installation (P/B 401)
27-21-00-800-801	Rudder Adjustment (Rigging) (P/B 501)
27-21-00-800-802	Rudder Pedal Adjustment (P/B 501)
27-31-00-700-801	Elevator Power Control Unit Test (P/B 501)
27-31-00-700-805	Compensator Test for the Elevator PCUs (P/B 501)
27-31-00-700-806	Column Breakout Mechanism Test (P/B 501)
27-31-00-700-807	Control Column Damper Test (P/B 501)
27-31-00-700-808	Control Column Travel Test (P/B 501)
27-31-00-800-802	Control Column Adjustment (Rigging) (P/B 501)
27-41-00-700-802	Alternate Pitch Trim Lever Position Switch Test (P/B 501)
27-41-00-700-804	Alternate Pitch Trim Operational Test (P/B 501)
27-51-00-740-802	Flap System Primary Control Test (P/B 501)
27-51-00-740-803	Flap System Secondary Control Test (P/B 501)
27-51-00-860-804	Extend the Trailing Edge Flaps (P/B 201)
27-51-00-860-805	Retract the Trailing Edge Flaps (P/B 201)
27-58-00-710-801	Flap Position Indication System - Operational Test (P/B 501)
27-61-00-700-801	Spoiler Operational Test (P/B 501)
27-81-00-720-801	Slat System Alternate Control Test (P/B 501)

(Continued)

Reference	Title
27-81-00-740-801	Slat System Primary Control Test (P/B 501)
27-81-00-740-802	Slat System Secondary Control Test (P/B 501)
27-81-00-860-804	Extend the Leading Edge Slats (P/B 201)
27-81-00-860-805	Retract the Leading Edge Slats (P/B 201)
27-88-00-710-801	Slat Position Indication System - Operational Test (P/B 501)
28-10-00-200-801	Detection Test for Microbial Growth (P/B 201)
29-11-00 P/B 201	MAIN (LEFT, RIGHT, AND CENTER) HYDRAULIC SYSTEMS - MAINTENANCE PRACTICES
29-11-40-000-801	Left and Right System Alternating Current Motor Pump (ACMP) Pressure and Case Drain Filter Module and Components Removal (P/B 401)
29-11-41-000-801	Center System Alternating Current Motor Pump (ACMP) Pressure and Case Drain Filter Module and Components Removal (P/B 401)
29-11-42-000-801	Engine-Driven Pump (EDP) Pressure and Case Drain Filter Module and Components Removal (P/B 401)
29-11-43-000-801	Air-Driven Pump (ADP) Pressure and Case Drain Filter Module and Components Removal (P/B 401)
29-11-44-000-801	Left and Right System Return Filter Module and Components Removal (P/B 401)
29-11-45-000-801	Center System Return Filter Module and Components Removal (P/B 401)
30-31-00 P/B 501	PITOT, ANGLE OF ATTACK, TOTAL AIR TEMPERATURE PROBE HEAT - ADJUSTMENT/TEST
30-42-00-700-801	Windshield Wiper System - Operational Test (P/B 501)
31-51-00-730-801	Warning Electronic System - System Test (P/B 501)
32-00-30-480-801	Landing Gear Downlock Pins Installation (P/B 201)
32-00-40-860-801	Landing Gear Ground Door Release System Operation (Close the Doors) (P/B 201)
32-21-11-400-803	Nose Landing Gear Torsion Link Connection (P/B 201)
32-30-01-720-801	Main Landing Gear Extension and Retraction System - Functional Test (Airplane on the Jacks) (P/B 501)
32-30-01-720-803	Nose Landing Gear Extension and Retraction System - Functional Test (Airplane on the Jacks) (P/B 501)
32-35-00-710-801	Landing Gear Alternate Extension System - Operational Test (Airplane on the Ground) (P/B 501)
32-35-00-720-801	Landing Gear Alternate Extension System - Operational Test (Airplane on the Jacks) (P/B 501)
32-45-01-000-801	Main Landing Gear Wheel and Tire Assembly Removal (P/B 401)
32-45-01-400-801	Main Landing Gear Wheel and Tire Assembly Installation (P/B 401)
32-45-02-000-801	Nose Landing Gear Wheel and Tire Assembly Removal (P/B 401)

(Continued)

Reference	Title
32-45-02-400-801	Nose Landing Gear Wheel and Tire Assembly Installation (P/B 401)
32-45-04 P/B 601	TIRES - INSPECTION/CHECK
32-45-04-700-801	Tires Inspection (P/B 601)
32-45-07 P/B 601	MAIN LANDING GEAR BRAKE - INSPECTION/CHECK
32-72-00-000-801	Tail Skid System Operational Test (P/B 501)
33-51-00-710-803	Emergency Lights - Operational Test with the Control Switches (P/B 501)
34-11-00 P/B 501	STATIC AND TOTAL AIR PRESSURE SYSTEM - ADJUSTMENT/TEST
34-11-00-170-802	Static and Total Air Pressure System - Servicing (P/B 301)
35-11-00-210-801	Oxygen Cylinder Correct Installation and Condition Check (P/B 601)
35-11-00-710-810	Crew Oxygen System Leak Test (P/B 501)
35-21-01-210-801	Oxygen Generator Check (P/B 201)
35-31-00-210-802	Portable Oxygen Cylinder Pressure and Condition Check (P/B 201)
38-10-00-440-801	Potable Water System - Activation (P/B 201)
38-32-00-420-801	Toilet Activation (P/B 201)
47-00-00-790-801	Leak Check of the Nitrogen Generation System (P/B 601)
47-00-00-910-803	Ground Operation of the Nitrogen Generation System (P/B 201)
47-21-00-700-801	Drain Valve - Fuel Leak Check (P/B 601)
47-21-00-700-802	Nitrogen Enriched Air Distribution System (NEADS) Line - Visual Inspection (P/B 601)
47-21-05-280-801	Cross Vent Check Valve Operational Check (P/B 601)
51-03-01-200-801	Drain Valve Inspection (P/B 601)
71-00-00-800-806-H01	Engine Manual Start (P/B 201)
71-00-00-800-837-H00	Usual Engine Stop (P/B 201)
78-31-00-710-823-H00	Thrust Reverser - Operational Test (Engine In Operation) (P/B 501)

C. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
COM-1505	Chocks - Wheel Part #: AC6820-LR Supplier: 032T9 Part #: PF10-010 Supplier: 3D5B2 Part #: W88 Supplier: 9L752

D. Consumable Materials

Reference	Description	Specification
B00316	Solvent - Aliphatic Naphtha (For Organic Coatings)	TT-N-95 Type I, ASTM D-3735 Type I

(Continued)

Reference	Description	Specification
D00054	Fluid - Hydraulic Assembly Lubricant - MCS 352B (Formerly Monsanto MCS 352B)	
D00233	Grease - Aircraft, General Purpose, Wide Temperature - Mobil 28	MIL-PRF-81322
D00378	Grease - Aircraft, General Purpose, Wide Temperature - Aeroshell 22	MIL-PRF-81322
G00034	Cotton Wiper - Process Cleaning Absorbent Wiper (Cheesecloth, Gauze)	BMS15-5 Class A
G00087	Fabric, Insulation Covering (Self-Extinguishing)	BMS8-142
G02219	Tape - Yellow Vinyl Adhesive, Scotch Brand No.471, 1.5 Inches (38.1 mm) Wide	
G02443	Tape - Barricade, Non-Adhesive, Orange, 3 (76 mm) Inches Wide, 4 mils (0.102 mm) Thick, "REMOVE BEFORE FLIGHT"	
G02444	Tag - Red Paper, "STATIC PORTS COVERED" - 3 inches (76.2 mm) Wide, 6 inches (152.4 mm) Long	
G02447	Tag - Red Paper, "PITOT PROBES COVERED" - 3 inches (76.2 mm) Wide, 6 inches (152.4 mm) Long	

E. Preparation

SUBTASK 10-11-07-210-005

(1) Do a general visual check of all external surfaces for corrosion or obvious damage.

SUBTASK 10-11-07-630-004

(2) Remove the tape and covers from all of the doors, access panels and windows.

(3) Remove the flight compartment window covers.

SUBTASK 10-11-07-660-001

(4) Do a snow and ice conditions inspection, if necessary (TASK 05-51-28-210-801).

F. Prepare to Operate the Airplane

SUBTASK 10-11-07-610-033

(1) Inflate the tires to the correct pressures (PAGEBLOCK 12-15-03/301).

(2) If the airplane has been in Active Storage for over 60 days, examine the wheel bearing surfaces for fretting as follows:

(a) Jack the airplane((JACKING AIRPLANE - MAINTENANCE PRACTICES, PAGEBLOCK 07-11-01/201).

(b) Remove the main landing gear wheels (TASK 32-45-01-000-801).

1) Inspect wheel bearings, including the bearing cups, for damage or corrosion.

2) Apply Aeroshell 22 grease, D00378 or Mobil 28 grease, D00233 to the wheel bearings.

(c) Install the wheels (Main Landing Gear Wheel and Tire Assembly Installation, TASK 32-45-01-400-801).

(d) Remove the nose landing gear wheels (TASK 32-45-02-000-801).

1) Inspect wheel bearings, including the bearing cups, for damage or corrosion.

2) Apply Aeroshell 22 grease, D00378 or Mobil 28 grease, D00233 to the wheel bearings.

(e) Install the wheels (TASK 32-45-02-400-801).

(f) Lower the airplane and remove the jacks (JACKING AIRPLANE - MAINTENANCE PRACTICES, PAGEBLOCK 07-11-01/201).

SUBTASK 10-11-07-210-006

(3) If airplane has been in active storage for more than 30 days, test for microbial growth in the fuel tanks. Do this task: (TASK 28-10-00-200-801).

SUBTASK 10-11-07-440-001

(4) Do the toilet and sink activation procedure (TASK 38-32-00-420-801).

SUBTASK 10-11-07-710-001

(5) Do the Auxiliary Power Unit (APU) fire extinguishing system operation test (TASK 26-22-00-730-801).

SUBTASK 10-11-07-730-001

(6) Do the Nitrogen Generating System activation procedures as follows.

(a) Remove the covers from the dedicated ram inlet and outlet.

(b) Perform leak check (TASK 47-00-00-790-801).

(c) Perform electrical and system test (TASK 47-00-00-910-803).

SUBTASK 10-11-07-610-034

(7) If the airplane was stored for more than 60 days, clean and apply a layer of MCS 352B fluid, D00054 to all of the finished surfaces on the actuator rods and the valve slides which are open to the outside air.

SUBTASK 10-11-07-440-003

(8) Retract and extend the landing gears:

(a) Operate the main landing gear. Do this task: (TASK 32-30-01-720-801).

(b) Operate the nose landing gear. Do this task: (TASK 32-30-01-720-803).

SUBTASK 10-11-07-210-007

(9) Open engine fan, thrust reverser, and core cowl panels. Examine for fluid contamination, corrosion, or other problems.

(a) Clean the area if necessary.

(b) Close, and latch the cowls correctly.

SUBTASK 10-11-07-440-004

(10) Do this task to operate the engine (TASK 71-00-00-800-806-H01).

(11) Do this task to shutdown the engine (TASK 71-00-00-800-837-H00).

(12) Operate the thrust reversers (TASK 78-31-00-710-823-H00).

G. Exterior Surfaces

SUBTASK 10-11-07-100-005

(1) Remove snow from the airplane when 8 in. (20 cm) or more has accumulated.

SUBTASK 10-11-07-100-006

(2) If necessary, wash and dry the airplane (Clean (Wet Wash) the External Surfaces of the Airplane, TASK 12-25-01-100-801).

SUBTASK 10-11-07-640-004

(3) Lubricate all of the doors at the locations that follow:

(a) External mechanisms

(b) Door Hinges

(c) External handle housings.

SUBTASK 10-11-07-211-008

(4) Examine all door seals for flat spots or deterioration.

SUBTASK 10-11-07-860-046

(5) Make sure the inside handles on the entry and cargo doors open and closing forces are correct.

SUBTASK 10-11-07-860-047

(6) Make sure the passenger entry door arm/disarm handle does not bind.

(a) Make sure the girt bar carrier lock arm mechanisms rotate correctly.

H. Wing, Leading Edge, Trailing Edge, and Empennage/Horizontal and Vertical Stabilizer

SUBTASK 10-11-07-720-001

(1) Do a functional test of the slats:

(a) Do this task: Retract the Leading Edge Slats, TASK 27-81-00-860-805.

(b) Do this task: Extend the Leading Edge Slats, TASK 27-81-00-860-804.

SUBTASK 10-11-07-720-002

(2) Do a functional test of the flaps:

(a) Do this task: Extend the Trailing Edge Flaps, TASK 27-51-00-860-804.

(b) Do this task: Retract the Trailing Edge Flaps, TASK 27-51-00-860-805.

SUBTASK 10-11-07-720-003

(3) Do a functional test of the spoilers, do this task: Spoiler Operational Test, TASK 27-61-00-700-801.

SUBTASK 10-11-07-211-009

(4) Examine the spoilers for corrosion.

SUBTASK 10-11-07-860-048

(5) Make sure all of the structural drain holes are open and allow water to drain freely (Drain Valve Inspection, TASK 51-03-01-200-801).

NOTE: An airplane removed from service can contain accumulated ice or moisture condensation.

SUBTASK 10-11-07-640-005

(6) If the plane has been in storage for more than 60 days, lubricate all flap and slat components.

SUBTASK 10-11-07-640-006

(7) If the plane has been in storage for more than 60 days, lubricate all horizontal and vertical stabilizer components.

I. Landing Gear

SUBTASK 10-11-07-420-006

(1) Install the main and nose landing gear ground lock pins, do this task: Landing Gear Downlock Pins Installation, TASK 32-00-30-480-801.

SUBTASK 10-11-07-860-049

(2) Set the parking brake.

SUBTASK 10-11-07-860-050

(3) Make sure the landing gear control handle in the first officer's instrument panel is in the DOWN position.

SUBTASK 10-11-07-860-051

WARNING MAKE SURE THAT ALL PERSONS AND EQUIPMENT ARE CLEAR OF THE LANDING GEAR DOORS. THE QUICK MOVEMENT OF THE DOORS CAN CAUSE INJURY TO PERSONS OR DAMAGE TO EQUIPMENT.

(4) Make sure the landing gear doors are closed, do this task: Landing Gear Ground Door Release System Operation (Close the Doors), TASK 32-00-40-860-801.

(a) Make sure the main gear ground door release handles located aft of the main gear doors are in the DOOR CLOSED position.

SUBTASK 10-11-07-020-003

(5) If necessary, remove all mooring restraints.

SUBTASK 10-11-07-020-004

(6) Remove wheel chocks, COM-1505 from all wheels.

SUBTASK 10-11-07-700-001

(7) Do the tests of the alternate extension system that follow:

(a) Do this task: Landing Gear Alternate Extension System - Operational Test (Airplane on the Ground), TASK 32-35-00-710-801.

(b) If there is a malfunction during the test, do this task: Landing Gear Alternate Extension System - Operational Test (Airplane on the Jacks), TASK 32-35-00-720-801.

SUBTASK 10-11-07-420-007

(8) Connect the torsion link of the nose landing gear if it was disconnected, do this task: Nose Landing Gear Torsion Link Connection, TASK 32-21-11-400-803.

SUBTASK 10-11-07-860-052

(9) Check the inflation of the main landing gear shock strut (MAIN LANDING GEAR SHOCK STRUT - SERVICING, PAGEBLOCK 12-15-01/301).

SUBTASK 10-11-07-860-053

(10) Check the inflation of the nose landing gear shock strut (NOSE LANDING GEAR SHOCK STRUT - SERVICING, PAGEBLOCK 12-15-02/301 Config 2).

SUBTASK 10-11-07-860-054

(11) Inflate the tires to the correct pressures (LANDING GEAR TIRE - SERVICING, PAGEBLOCK 12-15-03/301).

SUBTASK 10-11-07-860-055

(12) Check the tires for flat spots (Tires Inspection, TASK 32-45-04-700-801).

(a) If there are flat spots on the tires, then find the cause (Flat Spotted Tire Conditional Inspection, TASK 05-51-54-210-801).

SUBTASK 10-11-07-860-056

(13) Tow the airplane a short distance to avoid deformation Tow the Airplane With Flat Tire(s), TASK 09-11-04-580-801.

NOTE: If the plane is stored inside, rotation may be accomplished by raising the wheels with an axle jack, putting the airplane on jacks, or towing the airplane. If practical, rotate the wheel three or more turns to redistribute bearing lubricant before establishing the new ground contact point.

(a) Perform several taxi stops to get contaminants off of the brake surfaces.

ARO 001-004

SUBTASK 10-11-07-710-006

(14) If the plane was stored for longer than 30 days, do a Tail Skid System Operational Test, TASK 32-72-00-000-801.

ARO ALL

SUBTASK 10-11-07-200-011

(15) Do this task: Tires Inspection, TASK 32-45-04-700-801.

SUBTASK 10-11-07-200-012

(16) Do an inspection of the wheels (TIRES - INSPECTION/CHECK, PAGEBLOCK 32-45-04/601).

SUBTASK 10-11-07-200-013

(17) Do an inspection of the main landing gear brakes (MAIN LANDING GEAR BRAKE - INSPECTION/CHECK, PAGEBLOCK 32-45-07/601).

SUBTASK 10-11-07-211-010

(18) Examine all of the door seals of the landing gear for flat spots and deteriorations.

SUBTASK 10-11-07-211-011

(19) Examine the landing gear for corrosion.

J. APU Fire Detection System

SUBTASK 10-11-07-860-057

(1) Make sure the fire detection system is serviceable (APU Fire Detection Operational Test, TASK 26-15-00-710-801).

K. APU Fire Extinguishing System

SUBTASK 10-11-07-860-058

(1) Make sure that the fire bottle and fire bottle squib have no passed their expiration date.

SUBTASK 10-11-07-860-059

(2) Make sure that the fire extinguishing bottle squib is serviceable (APU Fire Extinguishing Bottle Squib MAT Test, TASK 26-22-00-000-802).

L. Fuel System

SUBTASK 10-11-07-020-005

(1) Remove the cotton wiper, G00034, red flags, and tape from all of the vent and openings.

SUBTASK 10-11-07-860-060

(2) Service the tanks to maximum quantities.

SUBTASK 10-11-07-680-003

(3) Drain all water that has collected in the sumps of the fuel tanks and surge tanks (FUEL SUMP - OPERATION, PAGEBLOCK 12-11-02/301).

SUBTASK 10-11-07-860-061

(4) Check for evidence of fuel leakage from the APU fuel shroud and the center dry bay drain at the fuel drain mast located along the keel beam forward of the aft edge of the main gear door.

NOTE: During observation, the presence of up to five drops of fuel, while in storage in any 24 hour period is acceptable.

SUBTASK 10-11-07-860-062

(5) Check for microbial growth in the fuel tanks. Do this task: Detection Test for Microbial Growth, TASK 28-10-00-200-801.

M. Electrical/Electronics Systems

SUBTASK 10-11-07-760-002

(1) Supply the electrical power to all electrical/electronic equipment for a minimum of 2 hours (AC GENERATION AND BUS CONTROL - MAINTENANCE PRACTICES, PAGEBLOCK 24-22-00/201).

SUBTASK 10-11-07-860-063

(2) Make sure that the main battery and the APU batteries are fully charged.

NOTE: Use EICAS to verify voltage.

SUBTASK 10-11-07-710-007

(3) Do this task: Emergency Lights - Operational Test with the Control Switches, TASK 33-51-00-710-803.

SUBTASK 10-11-07-860-064

(4) Make sure that all circuit breakers are closed.

SUBTASK 10-11-07-860-065

(5) Set the necessary switches to the ON position.

SUBTASK 10-11-07-020-006

(6) Remove the airplane static ground when airplane is prepared to be moved (Static Grounding, TASK 20-41-00-910-801).

N. Flight Deck Equipment and Related Instrument Systems

SUBTASK 10-11-07-020-007

WARNING FAILURE TO REMOVE COVERS FROM PITOT PROBES BEFORE FLIGHT MAY CAUSE LARGE ERRORS IN AIRSPEED-SENSING AND ALTITUDE-SENSING SIGNALS, WHICH MAY LEAD TO LOSS OF SAFE FLIGHT.

CAUTION REMOVE ALL COVERS. ENGINES SHOULD NOT BE OPERATED WITH COVERS IN PLACE BECAUSE THE COVERS CAN COME OFF AND DAMAGE THE ENGINES.

(1) Remove the covers from the following components:

CAUTION MAKE SURE THE PITOT-STATIC PROBE COVERS ARE IN GOOD WORKING CONDITION WITH NO EVIDENCE OF DAMAGE, ESPECIALLY FRAYING AROUND THE COVER OPENING. FRAYED FIBERS FROM THE COVER COMBINED WITH OTHER SUBSTANCES SUCH AS DIRT, GREASE AND FLUIDS CAN CAUSE OBSTRUCTION IN THE PROBE.

(a) Pitot Probes

(b) Engine inlet, fan exhaust, turbine exhaust

(c) Ice detector probe

(d) Total Air Temperature (TAT) probe.

SUBTASK 10-11-07-020-008

(2) Remove the "STATIC PORTS COVERED" tag, G02444 from the left control wheel in the flight deck.

SUBTASK 10-11-07-020-009

WARNING FAILURE TO REMOVE BARRICADE TAPE AND VINYL ADHESIVE TAPE FROM ALL OF THE STATIC PORTS BEFORE FLIGHT MAY CAUSE LARGE ERRORS IN AIRSPEED-SENSING AND ALTITUDE-SENSING SIGNALS, WHICH MAY LEAD TO LOSS OF SAFE FLIGHT.

CAUTION REMOVE ALL BARRICADE TAPE AND VINYL ADHESIVE TAPE. ENGINES SHOULD NOT BE OPERATED WITH COVERINGS IN PLACE BECAUSE THE COVERINGS CAN COME OFF AND DAMAGE THE ENGINES.

(3) Remove all barricade tape, G02443 and Scotch Brand No.471 tape, G02219 from all of the static ports.

(a) Inspect each static port and if necessary use solvent, B00316 or equivalent to remove all tape residue, dirt and other contaminants around the ports.

SUBTASK 10-11-07-020-010

(4) Remove the "PITOT PROBES COVERED" tag, G02447 from the left control wheel in the flight deck.

SUBTASK 10-11-07-020-011

(5) Remove the fabric sheeting and adhesive tape from the Angle-Of-Attack (AOA) sensors.

(a) Inspect each AOA sensor and use solvent, B00316 or equivalent to remove all tape residue, dirt, and other contaminants around the AOA sensors.

SUBTASK 10-11-07-020-012

(6) Remove the “AOA SENSORS COVERED” tag from the left control wheel in the flight deck.

SUBTASK 10-11-07-020-013

(7) Remove the flight compartment window covers.

SUBTASK 10-11-07-860-066

(8) Make sure the portable fire extinguishers are serviceable.

SUBTASK 10-11-07-211-012

(9) Inspect air data sensors and static ports for damage.

SUBTASK 10-11-07-680-004

(10) Make sure the pitot-static systems are drained, do this task: (Static and Total Air Pressure System - Servicing, TASK 34-11-00-170-802).

NOTE: The drains are in the lower sections 41, 42, and 46. There are 27 drains.

SUBTASK 10-11-07-710-008

(11) Do the following test:

(a) Do a range static system leak test (STATIC AND TOTAL AIR PRESSURE SYSTEM - ADJUSTMENT/TEST, PAGEBLOCK 34-11-00/501).

(b) Do this task: Reference Not Currently Available.

SUBTASK 10-11-07-710-009

(12) Do a pitot/angle of attack probe heat and current sensing relay operational test (PITOT, ANGLE OF ATTACK, TOTAL AIR TEMPERATURE PROBE HEAT - ADJUSTMENT/TEST, PAGEBLOCK 30-31-00/501).

SUBTASK 10-11-07-710-010

(13) Do this task: Windshield Wiper System - Operational Test, TASK 30-42-00-700-801.

O. Air Conditioning

SUBTASK 10-11-07-860-067

(1) If sealed, open the external openings to the air conditioning system.

(a) Make sure there is no unwanted material.

SUBTASK 10-11-07-710-011

(2) Make sure the environmental control system operates correctly, do this task: Supply Conditioned Air with a Cooling Pack, TASK 21-00-00-800-803.

SUBTASK 10-11-07-860-068

(3) Do the following from the Maintenance Access Terminal (MAT) if the plane was stored more than 60 days:

(a) Environmental Control Systems:

1) Aft Cargo Heat
2) Bulk Cargo Heat
3) Chiller Boost Fan
4) Chiller Exhaust System
5) Door Area Heater
6) Equipment Cooling
7) Forward Cargo Air Conditioning (if installed)
8) Gasper Fan (if installed)
9) Lavatory/Galley Ventilation Fan
10) IFE Equipment Cooling (if installed).

(b) Cabin Pressure Control System

1) Left Cabin Pressure Control System
2) Right Cabin Pressure Control System.

(c) Cabin Temperature Control System

1) Right System Air Off
2) Left System Air Off.

(d) Airfoil Cowl Ice Protection System

1) Left Engine Anti-Ice (engines not running)
2) Right Engine Anti-Ice (engines not running)
3) Wing Anti-Ice (engines not running).

(e) Window Heat Control System

1) Ground Functional Test - L
2) Ground Functional Test - R.

(f) Air Supply Control System

1) Left Air Supply Control System
2) Right Air Supply Control System.

(g) Duct Leak System.

SUBTASK 10-11-07-780-001

(4) Use a pneumatic ground source or the APU to pressurize the pneumatic system and operate the left and right A/C packs.

SUBTASK 10-11-07-860-069

(5) Do the following from the MAT:

(a) Cabin Temperature Control System

1) Left System Air On
2) Right System Air On.

(b) Airfoil Cowl Ice Protection System

1) Left Engine Anti-Ice (engines running)
2) Right Engine Anti-Ice (engines running)
3) Wing Anti-Ice (engines running).

P. Hydraulic System

SUBTASK 10-11-07-020-014

(1) Remove the fabric, G00087 from the openings for the air driven hydraulic pump turbine exhaust.

SUBTASK 10-11-07-020-015

(2) Remove MCS 352B fluid, D00054 from all of the finished surfaces on the actuator piston rods and valve slides.

SUBTASK 10-11-07-780-002

(3) If the airplane was stored for at least 60 days, do the following steps before you pressurize the airplane hydraulic systems:

WARNING MAKE SURE THAT ALL PERSONS AND EQUIPMENT ARE CLEAR OF THE LANDING GEAR DOORS. THE QUICK MOVEMENT OF THE DOORS CAN CAUSE INJURY TO PERSONS OR DAMAGE TO EQUIPMENT.

(a) Install the landing gear downlock pins (Landing Gear Downlock Pins Installation, TASK 32-00-30-480-801).

(b) Make sure the landing gear control handle in the first officer's instrument panel is in the DOWN position.

SUBTASK 10-11-07-780-003

(4) If the airplane was stored for at least 60 days, pressurize the hydraulic systems.

SUBTASK 10-11-07-790-001

(5) If the airplane was stored for at least 60 days, do a check of the system for leaks (MAIN (LEFT, RIGHT, AND CENTER) HYDRAULIC SYSTEMS - MAINTENANCE PRACTICES, PAGEBLOCK 29-11-00/201).

SUBTASK 10-11-07-860-070

(6) If the airplane was stored for at least 60 days, service the hydraulic reservoirs (HYDRAULIC SYSTEMS - SERVICING, PAGEBLOCK 12-12-01/301).

SUBTASK 10-11-07-610-035

(7) If the airplane was stored for at least 60 days, service the hydraulic accumulators (Brake Accumulator Servicing, TASK 12-15-04-610-802).

SUBTASK 10-11-07-211-013

(8) If the airplane was stored for at least 60 days, do a visual check of hydraulic system low pressure warning lights.

SUBTASK 10-11-07-860-071

(9) If the airplane was stored for at least 60 days, replace the hydraulic system filters that follow:

(a) Engine-Driven Pump (EDP) Pressure and Case Drain Filter Elements (Engine-Driven Pump (EDP) Pressure and Case Drain Filter Module and Components Removal, TASK 29-11-42-000-801).

(b) Left and Right System Alternating Current Motor Pump (ACMP) Pressure and Case Drain Filter Elements (Left and Right System Alternating Current Motor Pump (ACMP) Pressure and Case Drain Filter Module and Components Removal, TASK 29-11-40-000-801).

(c) Center System Alternating Current Motor Pump (ACMP) Pressure and Case Drain Filter Elements (Center System Alternating Current Motor Pump (ACMP) Pressure and Case Drain Filter Module and Components Removal, TASK 29-11-41-000-801).

(d) Air-Driven Pump (ADP) Pressure and Case Drain Filter Elements (Air-Driven Pump (ADP) Pressure and Case Drain Filter Module and Components Removal, TASK 29-11-43-000-801).

(e) Left and Right System Return Filter Elements (Left and Right System Return Filter Module and Components Removal, TASK 29-11-44-000-801).

(f) Center System Return Filter Elements (Center System Return Filter Module and Components Removal, TASK 29-11-45-000-801).

Q. Primary Flight Control System

SUBTASK 10-11-07-020-016

(1) Remove the flaperon cove door cover and make sure that it is free of debris.

SUBTASK 10-11-07-020-017

(2) Remove the gust suppression transducer pressure port covers.

SUBTASK 10-11-07-700-002

(3) Run the PRIMARY FLIGHT COMPUTER self test on the MAT.

SUBTASK 10-11-07-700-003

(4) Run the ACTUATOR CONTROL ELECTRONICS MONITORS test on the MAT.

SUBTASK 10-11-07-860-072

(5) Move the trailing edge flaps until the flaps complete three full cycles of travel.

SUBTASK 10-11-07-860-073

(6) Move the leading edge flaps until the flaps complete three full cycles of travel.

SUBTASK 10-11-07-860-074

(7) Move the elevators until you complete three full cycles of travel.

NOTE: Park the surface within 2 degrees of the previous park position, but not at the same position.

SUBTASK 10-11-07-860-075

(8) Move the rudder until you complete three full cycles of travel.

SUBTASK 10-11-07-860-076

(9) Move the ailerons/flaperons until you complete three full cycles of travel.

SUBTASK 10-11-07-860-077

(10) Move the stabilizer trim until you complete one full cycle of travel.

SUBTASK 10-11-07-860-078

(11) Move the rudder trim until out complete one full cycle of travel.

SUBTASK 10-11-07-860-079

(12) Move the aileron trim until you complete one full cycle of travel.

SUBTASK 10-11-07-700-004

(13) Run the ACTUATOR CONFIDENCE test on the MAT.

SUBTASK 10-11-07-640-007

(14) If the plane has been stored for more than 30 days, inspect visible cables for lack of lubrication.

(a) If necessary, lubricate the cables (Control Cable Lubrication, TASK 12-21-31-600-801).

SUBTASK 10-11-07-700-005

(15) If the plane has been stored for more than 30 days, run the PFC DISCONNECT SWITCH test on the MAT.

SUBTASK 10-11-07-710-012

(16) If the plane has been stored for more than 30 days, do this task: Control Wheel and Cable Adjustment (Rigging), TASK 27-11-00-700-802.

SUBTASK 10-11-07-710-013

(17) If the plane has been stored for more than 30 days, do this task: Control Wheel Force Versus Travel Test, TASK 27-11-00-720-801.

SUBTASK 10-11-07-710-014

(18) If the plane has been stored for more than 30 days, do this task: Force Limiter Installation, TASK 27-11-07-400-801.

SUBTASK 10-11-07-710-015

(19) If the plane has been stored for more than 30 days, run the LEFT/RIGHT AILERON ALIGNMENT test on the MAT.

SUBTASK 10-11-07-710-016

(20) If the plane has been stored for more than 30 days, run the LEFT/RIGHT FLAPERON ALIGNMENT test on the MAT.

SUBTASK 10-11-07-710-017

(21) If the plane has been stored for more than 30 days, run the WHEEL FORCE TRANSDUCER test on the MAT.

SUBTASK 10-11-07-710-018

(22) If the plane has been stored for more than 30 days, do this task: Control Wheel Backdrive - System Test, TASK 22-11-00-730-806.

SUBTASK 10-11-07-710-019

(23) If the plane has been stored for more than 30 days, do this task: Rudder Adjustment (Rigging), TASK 27-21-00-800-801.

SUBTASK 10-11-07-710-020

(24) If the plane has been stored for more than 30 days, do this task: Rudder Pedal Adjustment, TASK 27-21-00-800-802.

SUBTASK 10-11-07-710-021

(25) If the plane has been stored for more than 30 days, run the RUDDER ALIGNMENT test on the MAT.

SUBTASK 10-11-07-710-022

(26) If the plane has been stored for more than 30 days, run the GUST SUPRESSION PRESSURE TRANSDUCERS test on the MAT.

SUBTASK 10-11-07-710-023

(27) If the plane has been stored for more than 30 days, do this task: Rudder Pedal Backdrive - System Test, TASK 22-11-00-730-807.

SUBTASK 10-11-07-710-024

(28) If the plane has been stored for more than 30 days, do this task: Control Column Adjustment (Rigging), TASK 27-31-00-800-802.

SUBTASK 10-11-07-710-025

(29) If the plane has been stored for more than 30 days, do this task: Control Column Damper Test, TASK 27-31-00-700-807.

SUBTASK 10-11-07-710-026

(30) If the plane has been stored for more than 30 days, do this task: Control Column Travel Test, TASK 27-31-00-700-808.

SUBTASK 10-11-07-710-027

(31) If the plane has been stored for more than 30 days, do this task: Column Breakout Mechanism Test, TASK 27-31-00-700-806.

SUBTASK 10-11-07-710-028

(32) If the plane has been stored for more than 30 days, do this task: Elevator Power Control Unit Test, TASK 27-31-00-700-801.

SUBTASK 10-11-07-710-029

(33) If the plane has been stored for more than 30 days, run the COLUMN FORCE TRANSDUCER test on the MAT.

SUBTASK 10-11-07-710-030

(34) If the plane has been stored for more than 30 days, do this task: Control Column Backdrive - System Test, TASK 22-11-00-730-805.

SUBTASK 10-11-07-710-031

(35) If the plane has been stored for more than 30 days, run the LEFT ELEVATOR ALIGNMENT test on the MAT.

SUBTASK 10-11-07-710-032

(36) If the plane has been stored for more than 30 days, run the RIGHT ELEVATOR ALIGNMENT test on the MAT.

SUBTASK 10-11-07-710-033

(37) If the plane has been stored for more than 30 days, do this task: Compensator Test for the Elevator PCUs, TASK 27-31-00-700-805.

SUBTASK 10-11-07-710-034

(38) If the plane has been stored for more than 30 days, run the ELEVATOR FEEL SYSTEM test on the MAT.

SUBTASK 10-11-07-710-035

(39) If the plane has been stored for more than 30 days, operate stabilizer trim through entire range using alternate pitch trim levers and verify correct operation on trim indicators.

SUBTASK 10-11-07-710-036

(40) If the plane has been stored for more than 30 days, run the STABILIZER SYSTEM test on the MAT.

SUBTASK 10-11-07-710-037

(41) If the plane has been stored for more than 30 days, do this task: (Alternate Pitch Trim Operational Test, TASK 27-41-00-700-804).

SUBTASK 10-11-07-710-038

(42) If the plane has been stored for more than 30 days, do this task: Alternate Pitch Trim Lever Position Switch Test, TASK 27-41-00-700-802.

SUBTASK 10-11-07-720-004

(43) If the plane has been stored for more than 30 days, do a functional test of the primary and secondary control systems:

(a) Perform the Stall Warning Test (Warning Electronic System - System Test, TASK 31-51-00-730-801).

(b) Do this task: Flap System Primary Control Test, TASK 27-51-00-740-802.

(c) Do this task: Flap System Secondary Control Test, TASK 27-51-00-740-803.

(d) Do this task: Flap Position Indication System - Operational Test, TASK 27-58-00-710-801.

(e) Do this task: Slat System Primary Control Test, TASK 27-81-00-740-801.

(f) Do this task: Slat System Secondary Control Test, TASK 27-81-00-740-802.

(g) Do this task: Slat System Alternate Control Test, TASK 27-81-00-720-801.

(h) Do this task: Slat Position Indication System - Operational Test, TASK 27-88-00-710-801.

R. Interiors

SUBTASK 10-11-07-860-080

(1) If necessary, open the window shades.

SUBTASK 10-11-07-860-081

(2) Check the seats and carpet for mildew and moisture.

SUBTASK 10-11-07-860-082

(3) Make sure all the tray carriers and waste containers are empty and clean, do this task Waste Tank Servicing, TASK 12-17-01-610-801.

SUBTASK 10-11-07-860-083

(4) Make sure all sick bag containers and used travel containers in lavatories are empty and clean.

SUBTASK 10-11-07-860-084

(5) Make sure all cabinets, closets, and interior doors are closed.

SUBTASK 10-11-07-860-085

(6) Make sure that the slide/rafts for passenger entry doors have safety pins installed in the slide inflation bottle regulator and pack release mechanisms.

S. Oxygen System

SUBTASK 10-11-07-200-014

(1) Do this task: Oxygen Generator Check, TASK 35-21-01-210-801.

SUBTASK 10-11-07-860-086

(2) Make sure that the pressure on each oxygen cylinder gauge meets the requirements needed for dispatch.

SUBTASK 10-11-07-860-087

(3) Make sure the crew oxygen cylinders are not due for hydrostatic test during storage period (Oxygen Cylinder Correct Installation and Condition Check, TASK 35-11-00-210-801).

SUBTASK 10-11-07-200-015

(4) Make sure the portable oxygen cylinders are not due for hydrostatic test during storage period (Portable Oxygen Cylinder Pressure and Condition Check, TASK 35-31-00-210-802).

SUBTASK 10-11-07-420-008

(5) If necessary, reinstall the crew oxygen cylinders.

SUBTASK 10-11-07-420-009

(6) If necessary, reinstall the passenger/supernumerary oxygen cylinders.

SUBTASK 10-11-07-420-010

(7) If necessary, reinstall the portable oxygen cylinders.

SUBTASK 10-11-07-211-014

(8) If the plane has been stored for more than 60 days, check the system to make sure that no corrosion exists.

SUBTASK 10-11-07-200-016

(9) If the plane has been stored for more than 60 days, check the date of the chemical oxygen generators.

SUBTASK 10-11-07-710-039

(10) If the plane has been stored for more than 60 days, do this task: Crew Oxygen System Leak Test, TASK 35-11-00-710-810.

T. Potable Water System

SUBTASK 10-11-07-440-005

(1) Do the portable water system activation procedure (Potable Water System - Activation, TASK 38-10-00-440-801).

U. Fire Extinguishing and Detection Systems

SUBTASK 10-11-07-860-088

(1) Remove the safety tags and close these circuit breakers:

Standby Power Management Panel, P310

Row	Col	Number	Name
L	6	C26638	FIRE EXT CGO BTL 1A & VLV SQB
L	7	C26639	FIRE EXT CGO BTL 2A,2B & 2C
L	8	C26640	FIRE EXT CGO BTL 1B & VLV SQB

SUBTASK 10-11-07-860-089

(2) Make sure the fire extinguisher bottles are charged.

SUBTASK 10-11-07-020-018

(3) Remove caps to cover the fire extinguisher discharge nozzles.

SUBTASK 10-11-07-710-040

(4) Do this task: Cargo Fire Extinguishing Squibs - Operational Test, TASK 26-23-00-710-802.

SUBTASK 10-11-07-710-041

(5) Do this task: Cargo Fire Extinguishing Bottle Pressure Switch - Operational Test, TASK 26-23-00-710-801.

SUBTASK 10-11-07-860-090

(6) Make sure that the smoke detectors and air sampling tubing are clear of obstructions, dust, insects or other contaminants.

SUBTASK 10-11-07-710-042

(7) Do this task: Lower Cargo Compartment Smoke Detection Operational Test, TASK 26-16-00-710-801.

SUBTASK 10-11-07-710-043

(8) Do this task: Lower Cargo Compartment Smoke Detection System Test, TASK 26-16-00-730-801.

SUBTASK 10-11-07-860-091

(9) Make sure that the engine fire detection system is serviceable. Do this task: Engine Fire Detection Operational Test, TASK 26-11-00-710-801.

SUBTASK 10-11-07-710-046

(10) Do a test of the smoke detection system. Do this task: FIRE/OVHT Operational Test, TASK 26-10-00-710-802.

SUBTASK 10-11-07-710-047

(11) Do the engine fire and overheat detection system operation test. Do this task:Engine Fire Detection Operational Test, TASK 26-11-00-710-801.

SUBTASK 10-11-07-710-048

(12) Do the operations test of the Overhead Flight Crew Rest (OFCR) smoke detectors. Do this task: Reference Not Currently Available.

V. Nitrogen Generating System

SUBTASK 10-11-07-020-019

(1) Remove the covers from the dedicated ram NGS ram inlet, NGS ram exhaust, and OEA exhaust openings.

SUBTASK 10-11-07-710-049

(2) Do this task: Drain Valve - Fuel Leak Check, TASK 47-21-00-700-801.

SUBTASK 10-11-07-211-015

(3) Do this task: Nitrogen Enriched Air Distribution System (NEADS) Line - Visual Inspection, TASK 47-21-00-700-802.

SUBTASK 10-11-07-710-050

(4) Do this task: Cross Vent Check Valve Operational Check, TASK 47-21-05-280-801.

——— END OF TASK ———