

AIRCRAFT - SERVICING

EFFECTIVITY: ALL

1. General

- A. Clean the external aircraft surfaces frequently to keep them with their good visual properties and resistant to corrosion.
- B. Always clean the aircraft external surfaces from the top to the bottom.
- C. The aircraft external dirt can be light (dust, mud, oil, etc.) or heavy (grease, exhaust deposits, etc).
- D. For the windshield cleaning procedures, refer to [AMM TASK 56-10-01-100-801-A/700](#).
- E. For the window cleaning procedures, refer to [AMM TASK 56-20-01-100-801-A/700](#).
- F. The procedures in this section are given in the sequence below. The tasks identified with (◆) are part of the Scheduled Maintenance Requirements Document (SMRD).

TASK NUMBER	DESCRIPTION	EFFECTIVITY
12-22-00-600-801-A	LIGHT DIRT - SERVICING	ALL
12-22-00-600-802-A	HEAVY DIRT - SERVICING	ALL
12-22-00-600-803-A	LANDING GEAR COMPARTMENTS - SERVICING	ALL

TASK 12-22-00-600-801-A

EFFECTIVITY: ALL

2. LIGHT DIRT - SERVICING

A. General

- WARNING:**
- **WORK IN VENTILATED AREAS.**
 - **USE MASK, SAFETY GOGGLES AND RUBBER OR LATEX GLOVES, WHEN HANDLING BIRD REMAINS.**
 - **THE RUBBER OR LATEX GLOVES MUST BE DISPOSED AFTER USED.**
 - **WHEN YOU HANDLE BIRD STRIKE REMAINS, OBEY THE LOCAL AUTHORITY RULES TO PREVENT HEALTH PROBLEMS.**
 - **THE SOLVENTS AND CLEANERS CONTAIN POISONOUS AGENTS. WEAR GLOVES WHEN YOU USE THEM AND DO NOT LET THEM TOUCH YOUR SKIN OR EYES. HAVE A SUFFICIENT FLOW OF AIR OR USE RESPIRATORS.**

- (1) This task gives instructions for the cleaning and flushing procedures on the aircraft external surfaces, for removal of light dirt.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-42-00/100	-
AMM SDS 21-26-00/1	
AMM SDS 21-50-00/1	
AMM SDS 27-36-00/1	
AMM SDS 52-10-00/1	
AMM SDS 52-30-00/1	
AMM TASK 10-10-01-500-801-A/200	AIRCRAFT NORMAL PARKING
AMM TASK 32-00-01-910-801-A/200	LG SAFETY PIN - INSTALLATION AND REMOVAL
AMM TASK 56-10-01-100-801-A/700	COCKPIT WINDSHIELD - CLEANING
AMM TASK 56-20-01-100-801-A/700	PASSENGER CABIN WINDOWS - CLEANING

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Rubber Gloves	To protect the hands	AR

(Continued)

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Low-Pressure Spray-Gun	To apply cleaning solution on aircraft external surfaces	AR
Commercially available	Source of compressed air	To apply cleaning solution on aircraft external surfaces	AR
Commercially available	Plastic hose or equivalent	Cleaning equipment	AR
Commercially available	Soft-bristle sweeping brush	Cleaning equipment	AR
Commercially available	Soft cloth (cretonne)	Cleaning equipment	AR
Commercially available	Soft-bristle brush	Cleaning equipment	AR
Commercially available	Paint brush	Cleaning equipment	AR

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
AMS 1526 or MIL-PRF-87937	General-Purpose Liquid Cleaner	AR
Commercially available	Polyethylene Film or equivalent water and detergent-resistant film	AR
JAN-P-127 or equivalent	Adhesive Tape	AR
NUPOWER II	Dry wash Cleaner	AR
AMS 1526C	ATG-401 Cationic Polarizing Wash	AR
AMS 1526B	Extreme Simple Green	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

Not Applicable

I. Preparation

SUBTASK 841-002-A

- (1) Obey the procedures given in [AMM TASK 10-10-01-500-801-A/200](#) for normal parking.
- (2) Make sure that landing gear safety pins are installed ([AMM TASK 32-00-01-910-801-A/200](#)).
- (3) Install the covers of the pitot, ice detector, engine air intake/exhaust, TAT sensors, APU air inlet, APU exhaust duct, and anemometric static port.
- (4) Seal the inlets and outlets of the refrigeration pack compartments ([AMM SDS 21-50-00/1](#)) with polyethylene film and adhesive tape.

- (5) Seal the forward electronic compartment air exhaustion grilles ([AMM SDS 21-26-00/1](#)) with polyethylene film and adhesive tape.
- (6) Seal the AOA vanes and their attachment bases on the fuselage ([AMM SDS 27-36-00/1](#)) with polyethylene film and adhesive tape.
- (7) Make sure that the main door ([AMM SDS 52-10-00/1](#)) and the cargo door ([AMM SDS 52-30-00/1](#)) are closed.
- (8) Seal panel 312AR (AMM MPP 06-42-00/100) with adhesive tape.

J. Light Dirt Removal (Figure 301)

SUBTASK 610-002-A

- (1) To clean the aircraft, using the wet wash procedure do as follows:

CAUTION: DO NOT DRY-CLEAN DUST FROM PAINTING OR ACRYLIC PARTS (PASSENGER WINDOWS, WING-TO-FUSELAGE FAIRING, WING LIGHTS, ETC.) NOT TO CAUSE SCRATCHES TO THEM.

- (a) Prepare the cleaning solution in a dilution ratio of 10% in volume of detergent to one liter of water.

CAUTION: DO NOT APPLY SOLUTION IN LARGE AREAS WHICH CANNOT BE FULLY CLEANED BEFORE THE SOLUTION DRIES ON THE SURFACE. STAINS CAN OCCUR, IF THE SOLUTION DRIES ON THE SURFACE.

- (b) Apply the cleaning solution with a spray gun or a soft-bristle sweeping brush or equivalent equipment.
- (c) Let the cleaning solution soak into the surface for a sufficient time for the dirt to become soft (about 5 minutes).

CAUTION: • DO NOT USE HIGH PRESSURE (MAXIMUM 70 PSI) AND DO NOT POINT THE FLOW OF WATER DIRECTLY TO THE ANGLE-OF-ATTACK SENSORS (AOA) ([AMM SDS 27-36-00/1](#)) OR OTHER MECHANICAL, ELECTRICAL OR HYDRAULIC COMPONENTS. LIQUIDS THAT GET INTO THESE AREAS CAN CAUSE SERIOUS DAMAGE.

- KEEP THE NOZZLE OF THE SPRAY EQUIPMENT MORE THAN 304 mm (12 in) AWAY FROM THE SURFACE OF THE AIRPLANE. THE SPRAY CAN CAUSE DAMAGE TO THE SURFACE.

- (d) Fully flush with clean water, three or more times. Finally flush the surface from its top down to the bottom. Make sure that the solution is fully removed.

NOTE: If necessary, apply solution again and rub with a soft-bristle sweeping brush, a rag, or a soft-bristle brush to help you remove the dirt.

- (e) Dry with forced air or dry rags.

- (2) To clean the aircraft, using the wet wash procedure using the ATG-401 do as follows:

CAUTION: DO NOT DRY-CLEAN DUST FROM PAINTING OR ACRYLIC PARTS (PASSENGER WINDOWS, WING-TO-FUSELAGE FAIRING, WING LIGHTS, ETC.) NOT TO CAUSE SCRATCHES TO THEM.

- (a) Prepare the cleaning solution in a dilution ratio of 6,2% in volume of ATG-401 to one liter of water

CAUTION: DO NOT APPLY SOLUTION IN LARGE AREAS WHICH CANNOT BE FULLY CLEANED BEFORE THE SOLUTION DRIES ON THE SURFACE. STAINS CAN OCCUR, IF THE SOLUTION DRIES ON THE SURFACE.

- (b) Apply the cleaning solution with a clean micro fiber towel or equivalent equipment.

CAUTION: DO NOT LET THE SOLUTION OVERDRY.

- (c) Let the cleaning solution soak into the surface for a sufficient time for the dirt to become soft (about 5 minutes).
- (d) Fully flush with clean water, three or more times. Finally flush the surface from its top down to the bottom. Make sure that the solution is fully removed.
- (e) Dry with forced air or clean dry rags.

- (3) To clean the aircraft, using the wet wash procedure with the Extreme Simple Green do as follows:

CAUTION: DO NOT DRY-CLEAN DUST FROM PAINTING OR ACRYLIC PARTS (PASSENGER WINDOWS, WING-TO-FUSELAGE FAIRING, WING LIGHTS, ETC.) NOT TO CAUSE SCRATCHES TO THEM.

- (a) Prepare the cleaning solution in a dilution ratio according to table below:

Table 301

Recommended Dilutions:	Recommended Application
1:1	Heavily soiled aircraft leading edges, belly oil, wax remover, as soak to remove gasket adhesives.
1:3 -1:5	Parts washing, concrete cleanup, heavily soiled floors and traffic areas, tool cleanup.
1:10	General hand-wash of aircraft.
1:30	Pressure washing for heavily soiled aircraft (Rinse very thoroughly with water).
1:50	Pressure washing for lightly soiled aircraft (Rinse very thoroughly with water).
1:127	"Window wash" and very light cleaning. Wipe or spray onto glass, mirror, chrome, and acrylic and polish dry with clean, non-abrasive cloth.

CAUTION: DO NOT APPLY SOLUTION IN LARGE AREAS WHICH CANNOT BE FULLY CLEANED BEFORE THE SOLUTION DRIES ON THE SURFACE. STAINS CAN OCCUR, IF THE SOLUTION DRIES ON THE SURFACE.

- (b) Apply the cleaning solution with a clean micro fiber towel or equivalent equipment.
 - (c) Let the cleaning solution soak into the surface for a sufficient time for the dirt to become soft (about 5 minutes).
 - (d) Fully flush with clean water, three or more times. Finally flush the surface from its top down to the bottom. Make sure that the solution is fully removed.
 - (e) Dry with forced air or clean dry rags.
- (4) To clean the aircraft, using the dry wash procedure do as follows:
- CAUTION:** DO NOT USE THE DRY-CLEANING PROCEDURE TO CLEAN TRANSPARENCY SURFACES (ACRYLIC OR POLYCARBONATE), OTHERWISE DAMAGE CAN OCCUR.
- CAUTION:** PUT ON GLOVES AND GOGGLES TO PREVENT INJURY TO YOUR SKIN AND EYES.
- CAUTION:** OBEY THE MANUFACTURER'S INSTRUCTIONS WHEN YOU PREPARE AND APPLY CLEANING AND DISINFECTANT SOLUTIONS. IF THESE PRODUCTS ARE STRONGER THAN THE ONES SPECIFIED, THEY CAN CAUSE DAMAGE THE DECORATIVE SURFACES.
- (a) Apply the NUPOWER II using a Cotton flannel cloth to small areas at a time.
NOTE: Apply wet material to the area equally.
 - (b) Let it dry fully.
NOTE: Wait no more than 5-10 min even in the highest humidity conditions.
 - (c) Wipe the surface with a clean Cotton flannel cloth to remove the material.

K. Follow-on

SUBTASK 842-002-A

- (1) Open the inlets and outlets of the refrigeration pack compartments sealed before ([AMM SDS 21-50-00/1](#)).
- (2) Open the forward electronic compartment air-exhaustion grilles sealed before ([AMM SDS 21-26-00/1](#)).
- (3) Remove the adhesive tape and the polyethylene film from the AOA vanes and from their attachment bases on the fuselage ([AMM SDS 27-36-00/1](#)).
- (4) Clean the windshield ([AMM TASK 56-10-01-100-801-A/700](#)).
- (5) Clean the windows ([AMM TASK 56-20-01-100-801-A/700](#)).
- (6) Remove the adhesive tape from panel 312AR (AMM MPP 06-42-00/100).
- (7) Remove the pitot covers, ice detector covers, nose cowl covers, exhaust covers, TAT covers, APU AIR INLET cover, and exhaust port cover.

TASK 12-22-00-600-802-A

EFFECTIVITY: ALL

3. HEAVY DIRT - SERVICING

A. General

WARNING: • **WORK IN VENTILATED AREAS.**

- **USE MASK, SAFETY GOGGLES AND RUBBER OR LATEX GLOVES, WHEN HANDLING BIRD REMAINS.**
- **THE RUBBER OR LATEX GLOVES MUST BE DISPOSED AFTER USED.**
- **WHEN YOU HANDLE BIRD STRIKE REMAINS, OBEY THE LOCAL AUTHORITY RULES TO PREVENT HEALTH PROBLEMS.**
- **THE SOLVENTS AND CLEANERS CONTAIN POISONOUS AGENTS. WEAR GLOVES WHEN YOU USE THEM AND DO NOT LET THEM TOUCH YOUR SKIN OR EYES. HAVE A SUFFICIENT FLOW OF AIR OR USE RESPIRATORS.**

- (1) This task gives instructions for the cleaning and flushing procedures on the aircraft external surfaces, for removal of heavy dirt.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-42-00/100	-
AMM SDS 21-26-00/1	
AMM SDS 21-50-00/1	
AMM SDS 27-36-00/1	
AMM SDS 52-10-00/1	
AMM SDS 52-30-00/1	
AMM TASK 10-10-01-500-801-A/200	AIRCRAFT NORMAL PARKING
AMM TASK 32-00-01-910-801-A/200	LG SAFETY PIN - INSTALLATION AND REMOVAL

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Rubber Gloves	To protect the hands	AR
Commercially available	Low-Pressure Spray Gun	To apply cleaning solution on the aircraft external surfaces	AR

(Continued)

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Source of compressed air	To apply cleaning solution on aircraft external surfaces	AR
Commercially available	Plastic hose or equivalent	Cleaning equipment	AR
Commercially available	Soft-bristle sweeping brush	Cleaning equipment	AR
Commercially available	Soft cloth (cretonne)	Cleaning equipment	AR
Commercially available	Soft-bristle brush	Cleaning equipment	AR
Commercially available	Paint brush	Cleaning equipment	AR

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
AMS 1526 or MIL-PRF-87937	General-Purpose Liquid Cleaner	AR
MIL-PRF-680	Dry Cleaning Solvent	AR
Commercially available	Polyethylene Film or equivalent water and detergent-resistant film	AR
JAN-P-127 or equivalent	Adhesive Tape	AR
TT-I-735	Isopropyl Alcohol	AR
NUPOWER II	Dry wash Cleaner	AR
AMS 1526C	ATG-401 Cationic Polarizing Wash	AR
AMS 1526B	Extreme Simple Green	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

Not Applicable

I. Preparation

SUBTASK 841-003-A

- (1) Obey the procedures given in [AMM TASK 10-10-01-500-801-A/200](#) for normal parking.
- (2) Make sure that the landing gear safety pins are installed ([AMM TASK 32-00-01-910-801-A/200](#)).
- (3) Seal the inlets and outlets of the refrigeration pack compartments ([AMM SDS 21-50-00/1](#)) with polyethylene film and adhesive tape.
- (4) Seal the forward electronic compartment air-exhaustion grilles ([AMM SDS 21-26-00/1](#)) with polyethylene film and adhesive tape.

- (5) Seal the AOA vanes and their attachment bases on the fuselage (AMM SDS 27-36-00/1) with polyethylene film and adhesive tape.
- (6) Make sure that the main door (AMM SDS 52-10-00/1) and the cargo door (AMM SDS 52-30-00/1) are closed.
- (7) Seal panel 312AR (AMM MPP 06-42-00/100) with adhesive tape.

J. Heavy Dirt Removal (Figure 301)

SUBTASK 610-003-A

- (1) To clean the aircraft, using the wet wash procedure do as follows:
 - (a) Prepare the cleaning solution in a dilution ratio of 20% in volume of detergent to one liter of water.

CAUTION: DO NOT APPLY IN LARGE AREAS WHICH CANNOT BE FULLY CLEANED BEFORE THE SOLUTION DRIES ON THE SURFACE. STAINS CAN OCCUR, IF THE SOLUTION DRIES ON THE SURFACE.

- (b) Apply solution to the heavily dirty areas with a soft-bristle sweeping brush or cloth.
- (c) Let the cleaning solution soak for approximately 5 minutes.

CAUTION: • DO NOT USE HIGH PRESSURE (MAXIMUM 70 PSI) AND DO NOT POINT THE FLOW OF WATER DIRECTLY TO THE ANGLE-OF-ATTACK SENSORS (AOA) (AMM SDS 27-36-00/1) OR OTHER MECHANICAL, ELECTRICAL OR HYDRAULIC COMPONENTS. LIQUIDS THAT GET INTO THESE AREAS CAN CAUSE SERIOUS DAMAGE.

- KEEP THE NOZZLE OF THE SPRAY EQUIPMENT MORE THAN 304 mm (12 in) AWAY FROM THE SURFACE OF THE AIRPLANE. THE SPRAY CAN CAUSE DAMAGE TO THE SURFACE.

- (d) Fully flush with clean water. Make sure that the solution is fully removed.
- (e) If necessary, apply solution again and rub.

CAUTION: • DO NOT LET SOLVENT MIL-PRF-680 TOUCH DOOR SEALS, LANDING LIGHT LENS, POLYCARBONATE, WINDOWS, WINDSHIELD, AND ACRYLIC PARTS TO PREVENT DAMAGE TO THEM.

- FOR CLEANING OF THE LANDING LIGHT LENS, USE SOFT CLOTH MOISTENED WITH ISOPROPYLIC ALCOHOL ONLY.

- (f) The heavy dirt can also be removed with solvent MIL-PRF-680. For this, continue as follows:
 - 1 Soak a cloth in solvent MIL-PRF-680 and rub the dirty area to make the dirt soft.
 - 2 Then remove the dirt with a dry cloth before solvent MIL-PRF-680 dries.

- (2) To clean the aircraft, using the wet wash procedure with the ATG-401 do as follows:

CAUTION: DO NOT DRY-CLEAN DUST FROM PAINTING OR ACRYLIC PARTS (PASSENGER WINDOWS, WING-TO-FUSELAGE FAIRING, WING LIGHTS, ETC.) NOT TO CAUSE SCRATCHES TO THEM.

- (a) Prepare the cleaning solution in a dilution ratio of 12,5% in volume of ATG-401 to one liter of water.

CAUTION: DO NOT APPLY SOLUTION IN LARGE AREAS WHICH CANNOT BE FULLY CLEANED BEFORE THE SOLUTION DRIES ON THE SURFACE. STAINS CAN OCCUR, IF THE SOLUTION DRIES ON THE SURFACE.

- (b) Apply the cleaning solution with a clean micro fiber towel or equivalent equipment.

CAUTION: DO NOT LET THE SOLUTION OVERDRY.

- (c) Let the cleaning solution soak into the surface for a sufficient time for the dirt to become soft (about 5 minutes).
- (d) Fully flush with clean water, three or more times. Finally flush the surface from its top down to the bottom. Make sure that the solution is fully removed.
- (e) Dry with forced air or clean dry rags.

- (3) To clean the aircraft, using the wet wash procedure with the Extreme Simple Green do as follows:

CAUTION: DO NOT DRY-CLEAN DUST FROM PAINTING OR ACRYLIC PARTS (PASSENGER WINDOWS, WING-TO-FUSELAGE FAIRING, WING LIGHTS, ETC.) NOT TO CAUSE SCRATCHES TO THEM.

- (a) Prepare the cleaning solution in a dilution ratio according to table below:

Table 302

Recommended Dilutions	Recommended Applications
1:1	Heavily soiled aircraft leading edges, belly oil, wax remover, as soak to remove gasket adhesives.
1:3 - 1:5	Parts washing, concrete cleanup, heavily soiled floors and traffic areas, tool cleanup.
1:10	General hand-wash of aircraft.
1:30	Pressure washing for heavily soiled aircraft (Rinse very thoroughly with water).
1:50	Pressure washing for lightly soiled aircraft (Rinse very thoroughly with water).
1:127	"Window wash" and very light cleaning. Wipe or spray onto glass, mirror, chrome, and acrylic and polish dry with clean, non-abrasive cloth.

CAUTION: DO NOT APPLY SOLUTION IN LARGE AREAS WHICH CANNOT BE FULLY CLEANED BEFORE THE SOLUTION DRIES ON THE SURFACE. STAINS CAN OCCUR, IF THE SOLUTION DRIES ON THE SURFACE.

- (b) Apply the cleaning solution with a clean micro fiber towel or equivalent equipment.
 - (c) Let the cleaning solution soak into the surface for a sufficient time for the dirt to become soft (about 5 minutes).
 - (d) Fully flush with clean water, three or more times. Finally flush the surface from its top down to the bottom. Make sure that the solution is fully removed.
 - (e) Dry with forced air or clean dry rags.
- (4) To clean the aircraft, using the dry wash procedure do as follows:

CAUTION: DO NOT USE THE DRY-CLEANING PROCEDURE TO CLEAN TRANSPARENCY SURFACES (ACRYLIC OR POLYCARBONATE), OTHERWISE DAMAGE CAN OCCUR.

CAUTION: PUT ON GLOVES AND GOGGLES TO PREVENT INJURY TO YOUR SKIN AND EYES.

CAUTION: OBEY THE MANUFACTURER'S INSTRUCTIONS WHEN YOU PREPARE AND APPLY CLEANING AND DISINFECTANT SOLUTIONS. IF THESE PRODUCTS ARE STRONGER THAN THE ONES SPECIFIED, THEY CAN CAUSE DAMAGE THE DECORATIVE SURFACES.

- (a) Apply the NUPOWER II using a Cotton flannel cloth to small areas at a time.

NOTE: Apply wet material to the area equally.

- (b) Let it dry fully.

NOTE: Wait no more than 5-10 min even in the highest humidity conditions.

- (c) Wipe the surface with a clean Cotton flannel cloth to remove the material.

K. Follow-on

SUBTASK 842-003-A

- (1) Open the inlets and outlets of the refrigeration pack compartments sealed before ([AMM SDS 21-50-00/1](#)).
- (2) Open the forward electronic compartment air-exhaustion grilles sealed before ([AMM SDS 21-26-00/1](#)).
- (3) Remove the adhesive tape and the polyethylene film from the AOA vanes and from their attachment bases on the fuselage ([AMM SDS 27-36-00/1](#)).
- (4) Remove the adhesive tape from panel 312AR (AMM MPP 06-42-00/100).
- (5) Remove the pitot covers, ice detector covers, nose cowl covers, exhaust covers, TAT covers, APU AIR INLET cover, and exhaust port cover.

TASK 12-22-00-600-803-A

EFFECTIVITY: ALL

4. LANDING GEAR COMPARTMENTS - SERVICING

A. General

WARNING: • WORK IN VENTILATED AREAS.

- USE MASK, SAFETY GOGGLES AND RUBBER OR LATEX GLOVES, WHEN HANDLING BIRD REMAINS.
- THE RUBBER OR LATEX GLOVES MUST BE DISPOSED AFTER USED.
- WHEN YOU HANDLE BIRD STRIKE REMAINS, OBEY THE LOCAL AUTHORITY RULES TO PREVENT HEALTH PROBLEMS.
- THE SOLVENTS AND CLEANERS CONTAIN POISONOUS AGENTS. WEAR GLOVES WHEN YOU USE THEM AND DO NOT LET THEM TOUCH YOUR SKIN OR EYES. HAVE A SUFFICIENT FLOW OF AIR OR USE RESPIRATORS.

- (1) This task gives instructions for the cleaning and flushing procedures on the landing gear compartment for removal of dirt.

B. References

REFERENCE	DESIGNATION
AMM SDS 21-26-00/1	
AMM SDS 21-50-00/1	
AMM SDS 27-36-00/1	
AMM SDS 52-10-00/1	
AMM TASK 10-10-01-500-801-A/200	AIRCRAFT NORMAL PARKING
AMM TASK 32-00-01-910-801-A/200	LG SAFETY PIN - INSTALLATION AND REMOVAL
AMM TASK 32-34-00-600-801-A/300	MLG AND NLG - LUBRICATION

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Rubber Gloves	To protect the hands	AR
Commercially available	Low-Pressure Spray Gun	To apply cleaning solution on aircraft external surfaces	AR
Commercially available	Source of compressed air	To apply cleaning solution on aircraft external surfaces	AR

(Continued)

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Plastic hose or equivalent	Cleaning equipment	AR
Commercially available	Soft-bristle sweeping brush	Cleaning equipment	AR
Commercially available	Soft cloth (cretonne)	Cleaning equipment	AR
Commercially available	Soft-bristle brush	Cleaning equipment	AR
Commercially available	Paint brush	Cleaning equipment	AR

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MIL-D-16791G Type 1	Neutral Liquid Detergent or equivalent	AR
MIL-PRF-87937C Type 1	Cleaning Compound	AR
Commercially available	Polyethylene Film or equivalent water and detergent-resistant film	AR
JAN-P-127 or equivalent	Adhesive Tape	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

Not Applicable

I. Preparation

SUBTASK 841-004-A

- (1) Obey the procedures given in [AMM TASK 10-10-01-500-801-A/200](#) for normal parking.
- (2) Make sure that the landing gear safety pins are installed ([AMM TASK 32-00-01-910-801-A/200](#)).
- (3) Seal the inlets and outlets of the refrigeration pack compartments ([AMM SDS 21-50-00/1](#)) with polyethylene film and adhesive tape.
- (4) Seal the forward electronic compartment air-exhaustion grilles ([AMM SDS 21-26-00/1](#)) with polyethylene film and adhesive tape.
- (5) Seal the AOA vanes and their attachment bases on the fuselage ([AMM SDS 27-36-00/1](#)) with polyethylene film and adhesive tape.
- (6) Close the main door ([AMM SDS 52-10-00/1](#)).

J. Clean Landing Gear Compartments ([Figure 301](#))

SUBTASK 610-004-A

- (1) Prepare the cleaning solution. Refer to the instructions given by the cleaning product suppliers.
- (2) Apply the solution with spray gun, paint brush, or cloth.

CAUTION: • DO NOT USE HIGH PRESSURE (MAXIMUM 70 PSI) AND DO NOT POINT THE FLOW OF WATER DIRECTLY TO THE MECHANICAL, ELECTRICAL OR HYDRAULIC COMPONENTS. LIQUIDS THAT GET INTO THESE AREAS CAN CAUSE SERIOUS DAMAGE.

- KEEP THE NOZZLE OF THE SPRAY EQUIPMENT MORE THAN 304 mm (12 in) AWAY FROM THE SURFACE OF THE AIRPLANE. THE SPRAY CAN CAUSE DAMAGE TO THE SURFACE.

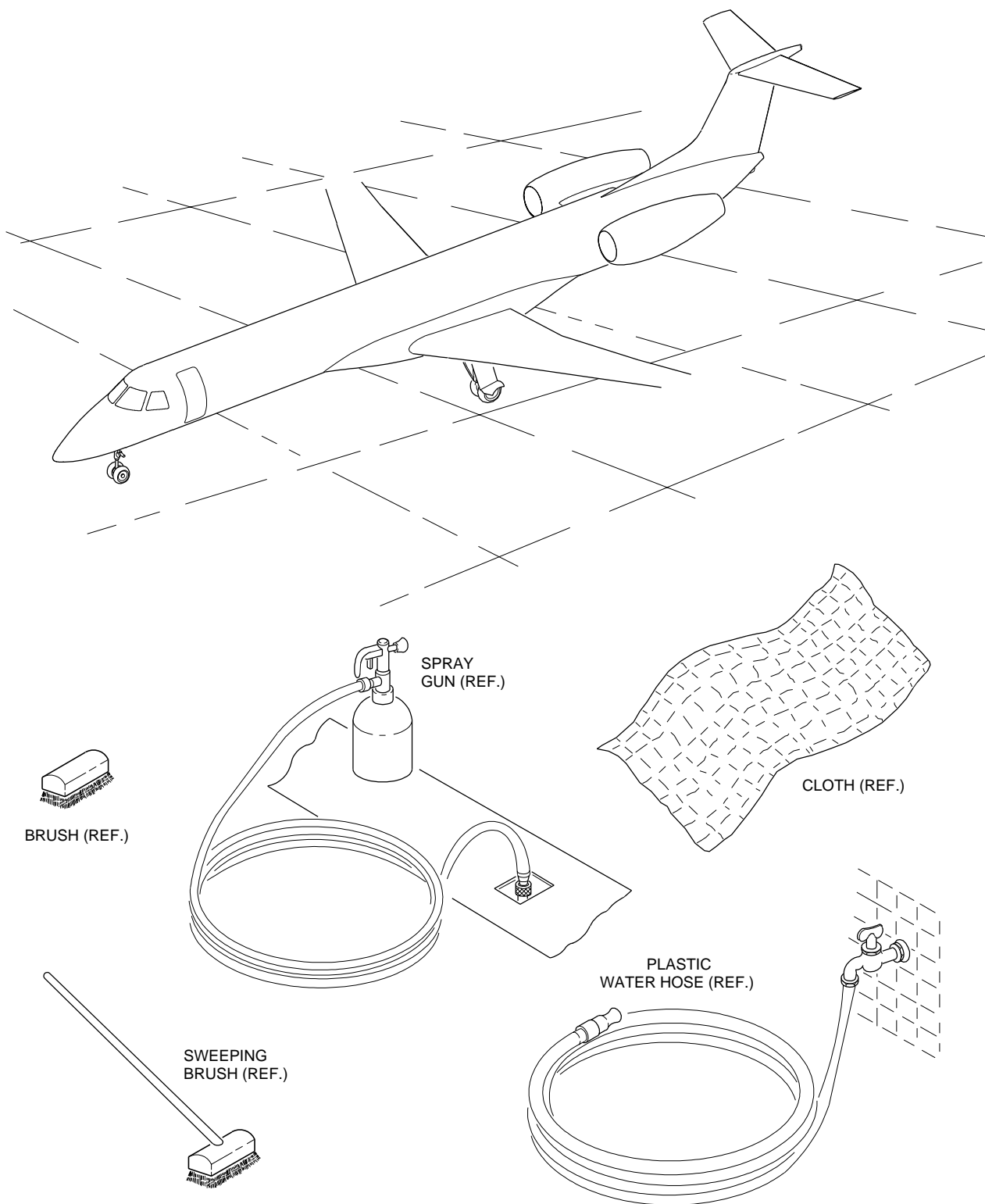
- (3) Fully flush with clean water. Make sure that the solution is removed fully.
- (4) Dry with forced air or dry rags.
- (5) Lubricate the landing gear as shown in [AMM TASK 32-34-00-600-801-A/300](#).

K. Follow-on

SUBTASK 842-004-A

- (1) Remove the adhesive tape from the cargo door, main door, emergency hatches, and seals.
- (2) Open the inlets and outlets of the refrigeration pack compartments sealed before ([AMM SDS 21-50-00/1](#)).
- (3) Open the forward electronic compartment air-exhaustion grilles sealed before ([AMM SDS 21-26-00/1](#)).
- (4) Remove the adhesive tape and the polyethylene film from the AOA vanes and from their attachment bases on the fuselage ([AMM SDS 27-36-00/1](#)).
- (5) Remove the pitot covers, ice detector covers, nose cowl covers, exhaust covers, TAT covers, APU AIR INLET cover, and exhaust port cover.

EFFECTIVITY: ALL
Aircraft Cleaning
Figure 301



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