

GULFSTREAM G550

MAINTENANCE MANUAL

INTERNAL AIRCRAFT WASHING — SERVICING

1. Urethane Finish on Wood — Cleaning Procedures

NOTE: Urethane finish on wood on this aircraft absorbs nothing. Therefore, it must be cleaned before every third application of polish to prevent polish buildup.

Gulfstream Aerospace Corporation recommends specific products for cleaning and maintaining wood surfaces on aircraft. Recommended products are listed in consumables.

A. Preparation

SPECIAL TOOLS AND TEST EQUIPMENT

Soft bristle brush	Standard
Soft cotton cloth	Standard
Nonabrasive cloth	Standard

CONSUMABLES

Vinegar	White distilled
Polish	Meguiars No. 7 or equivalent
Polish	Meguiars No. 34 or equivalent
Wood moisturizer	New Life or equivalent

CAUTION: TO PREVENT POSSIBLE DAMAGE TO AIRCRAFT INTERIOR, TAKE CARE NOT TO SPILL CLEANING PRODUCTS IN AIRCRAFT.

- (1) For general daily cleaning, use a clean, damp, nonabrasive cotton cloth, followed by a dry, nonabrasive cotton cloth.
- (2) For wood without a urethane finish, apply wood moisturizer to a clean, dry cotton cloth and rub into wood.
- (3) Reference
 - [Safe Ground Maintenance Procedure, 20-00-00, Maintenance Practices](#)
- (4) Aircraft Preparation
 - (a) Prepare aircraft for safe ground maintenance. See [Safe Ground Maintenance Procedure, 20-00-00, Maintenance Practices](#).

B. Procedure

WARNING: TO PREVENT INJURY OR DEATH, DO NOT MIX AMMONIA AND CHLORINE BLEACH. DO NOT TAKE CHEMICALS SUCH AS REGULAR CHLORINE BLEACH (CLOROX OR EQUIVALENT) ABOARD THE AIRCRAFT. NEVER USE FULL STRENGTH BLEACH ON ANY CARPET OR FABRIC.

- (1) With a 50 / 50 solution of vinegar and water on a clean, nonabrasive cotton cloth, firmly wipe until surface is clean.
- (2) With a clean, dry, nonabrasive cotton cloth, wipe surface until dry.

NOTE: If polish is thick or old and vinegar and water solution does not remove it, use a wax wash to remove polish and clean surface.

- (3) For satin finishes, after cleaning surface of old polish, perform the following:
 - (a) Apply Meguiars No. 7 to surface with a clean, nonabrasive cotton cloth.
 - (b) Let dry to a haze.

12-35-02

Page 301
October 31/11

GULFSTREAM G550

MAINTENANCE MANUAL

- (c) Buff by hand with a clean, dry, nonabrasive cotton cloth.
 - (d) Repeat as necessary.
- (4) For high-gloss finishes, after cleaning surface of old polish, perform the following:
- (a) Apply Meguiars No. 34 to surface with a clean, nonabrasive cotton cloth.
 - (b) Buff by hand with a clean, dry, nonabrasive cotton cloth.
 - (c) Repeat as necessary.

NOTE: Meguiars No. 34 can also be used to polish satin finishes, but works best on high-gloss finishes.

C. Follow On

- (1) Inspect for presence of foreign objects.
- (2) Record all maintenance actions in accordance with current governing authority.

2. Wood — Repair and Cleaning

NOTE: Wood furnishings on aircraft have been finished with a protective urethane. Minor scratches should not require application of stain. Apply finish as stated in Step 2.B1. after wiping the area clean with alcohol.

Major scratches that expose the wood may require the application of stain to match the surrounding area. If this step is necessary, follow Step 2.B.(1) thru Step 2.B3. to complete this task.

Gulfstream Aerospace Corporation recommends specific products for cleaning and maintaining wood surfaces aboard the aircraft. Recommended products for maintaining wood surfaces are listed in consumables.

A. Preparation

SPECIAL TOOLS AND TEST EQUIPMENT

Buffer	Standard
Small artist brush	Standard
Soft cotton cloth	Standard
Nonabrasive cloth	Standard
Sanding block	Standard

CONSUMABLES

Polyurethane	DCD35 or equivalent
Polyurethane	DU1000 or equivalent
Accelerator	DX84 or equivalent
Hardener	DFX11 or equivalent
Hardener	DU6 or equivalent
Buffing pad	3M hookit P800 or equivalent
Buffing pad	3M hookit P1000 or equivalent
Buffing pad	3M hookit P1200 or equivalent
Sandpaper	600 grit or equivalent
Sandpaper	3 micron or equivalent
Sandpaper	9 micron or equivalent
Sandpaper	15 micron or equivalent
Buffing Compound	3M or equivalent
Machine Glaze	3M or equivalent

GULFSTREAM G550

MAINTENANCE MANUAL

Finishing Glaze	3M or equivalent
Mild, nonabrasive liquid soap	Commercially available
Polish	Imperial Hand Glaze
Polish	Meguiars Final Inspection

(1) Reference

- [Safe Ground Maintenance Procedure, 20-00-00, Maintenance Practices](#)

(a) Aircraft Preparation

- 1 Prepare aircraft for safe ground maintenance. See [Safe Ground Maintenance Procedure, 20-00-00, Maintenance Practices](#).

B. Procedure

NOTE: These procedures describe the steps to restain wood on aircraft.

Do not use a dual action sander on edges of any wood component. Sand all edges with sanding block.

The following procedures are provided for repairing and cleaning wood:

- Step 2.B.1 provides procedure to finish wood
- Step 2.B.2 provides procedure to sand wood
- Step 2.B.3 provides procedure to buff wood
- Step 2.B.4 provides procedure to clean wood

(1) To touch up wood, perform the following:

- (a) Sand area immediately surrounding scratch to prepare scratch for staining and finishing.
- (b) Restain wood if necessary to blend with surrounding area. Let stain dry for four hours before applying finish.
- (c) Prepare finish per manufacturer's instructions.

B1. Finish Wood

(1) To finish wood, perform the following:

- (a) Restain wood if necessary to match surrounding area.
- (b) Prepare finish according to manufacturer's instruction. Add DX 84 accelerator to either mixture to assist in drying and buffing of repair.

NOTE: Use either DCD35 polyurethane and DFX11 hardener or DU1000 polyurethane and DU6 hardener for the finish.

- (c) Using a small artist brush, apply a small amount of finish over scratched surface.
- (d) Allow finish to dry for approximately 30 minutes.
- (e) Reapply finish until area is level or slightly higher than surrounding surface.
- (f) Allow 30 minutes drying time between coats of finish.
- (g) Ensure buildup compensates for shrinkage (finish may shrink when dry).
- (h) Allow all layers to dry for 24 hours if possible prior to sanding and buffing.
- (i) Sand and buff newly finished area to match surrounding area.

GULFSTREAM G550

MAINTENANCE MANUAL

B2. Sand Wood

(1) To sand wood, perform the following:

- (a) Attach 3M 600 grit sandpaper to sanding block and sand in a counterclockwise or figure eight pattern, applying light pressure to work out area that had been built up with finish.
- (b) Follow initial sanding with 3M P800, P1000, P1200 grit sandpaper to work out scratches of previous grit of paper. Use same counterclockwise or figure eight pattern of sanding.

NOTE: Further sanding / smoothing may be accomplished by using 15 mic, 9 mic and 3 mic paper to finish repair.

- (c) For satin finish surfaces, after using P1200 grit sandpaper, simply wipe area using soft cloth with coat of Imperial Hand Glaze or equivalent to match original satin finish.

B3. Buff Wood

(1) To buff wood, perform the following:

- (a) Use a hand or automotive buffer, buff area back to a gloss using buffing compounds such as 3M Buffing Compound, 3M Machine Glaze and 3M Finishing Glaze.

NOTE: These three items make up the 3M Perfect III System.

- (b) Wipe area with coat of Imperial Hand Glaze and hand buff with a soft cloth.

B4. Wood Cleaning

CAUTION: SILICONE BASED POLISHES SUCH AS PLEDGE ARE NOT DESIGNED FOR THIS TYPE OF FINISH AND MAY CAUSE WOODWORK TO HAVE AN OILY RESIDUE WHICH MAY PREVENT REPAIR OF WOODWORK.

- (1) Wipe surface with warm water and soap on clean, soft cotton cloth.
- (2) Wipe surface with a solution of three parts water and one part Imperial Hand Glaze or Meguiars Final Inspection on a clean, soft cotton cloth.

NOTE: Glaze solution may hide minor scratches in finish.

- (3) Dry with a clean, soft nonabrasive cloth.

C. Follow On

- (1) Inspect for presence of foreign objects.
- (2) Record all maintenance actions in accordance with current governing authority.

3. Granite — Cleaning Procedures

NOTE: Gulfstream Aerospace Corporation recommends specific products for cleaning and maintaining granite surfaces on aircraft. Recommended products are listed in consumables.

A. Preparation

SPECIAL TOOLS AND TEST EQUIPMENT

Buffer pad	Standard
Low speed drill motor	Standard
Sponge	Standard
Soft cloth cloth	Standard
Nonabrasive cloth	Standard

GULFSTREAM G550

MAINTENANCE MANUAL

CONSUMABLES

Polish	Meguiars No. 34 or equivalent
Cream polish	New Life or equivalent
Granite sealer	Granite Seal Lithofin #25072PSI or equivalent
Ammonia based cleaning product	Standard
Color safe nonchlorine bleach	Standard
Hydrogen peroxide	Standard
Acetone	Standard
Baking soda	Standard
Liquid detergent	Standard
Fullers Earth (available in hardware stores)	Standard
Commercially available stone poultice	Standard
Polishing powder	tin oxide or oxalic acid

(1) Reference

- [Safe Ground Maintenance Procedure, 20-00-00, Maintenance Practices](#)

(a) Aircraft Preparation

- 1 Prepare aircraft for safe ground maintenance. See [Safe Ground Maintenance Procedure, 20-00-00, Maintenance Practices](#).

B. Procedure

WARNING: TO PREVENT INJURY OR DEATH, DO NOT MIX AMMONIA AND CHLORINE BLEACH. DO NOT TAKE CHEMICALS SUCH AS REGULAR CHLORINE BLEACH (CLOROX OR EQUIVALENT) ON AIRCRAFT. NEVER USE FULL STRENGTH BLEACH ON ANY CARPET OR FABRIC.

CAUTION: TO PREVENT POSSIBLE DAMAGE TO AIRCRAFT INTERIOR, TAKE CARE NOT TO SPILL CLEANING PRODUCTS ON AIRCRAFT.

- (1) For preventive maintenance, perform the following:

NOTE: Step [3.B1](#). provides procedure for general cleaning.

- (2) For general daily cleaning, wipe surface with a damp sponge, followed by buffing with a dry, nonabrasive cotton cloth.
- (3) Wipe spills away immediately.
- (4) Use coasters and hot pads under dishes and pans.
- (5) Regularly seal stone surface with a specially formulated premium silicon impregnator such as Granite Seal Lithofin.

B1. Procedure

- (1) For general cleaning, perform the following:

- (a) Scrub surface with soapy water or a household ammonia based cleaner and a stiff brush.
- (b) Scrub difficult stains with a mixture of water, a color safe bleach and liquid detergent.
- (c) Restore cleaned area to a glossy finish by rubbing it with a commercial polishing powder and a damp cloth. For large areas, use a buffer pad fitted to low-speed drill.

- (2) Clean acidic stains such as juice, wine or tea as follows:

- (a) Scrub stain with a commercial poultice or a mixture of color safe bleach, ammonia

GULFSTREAM G550

MAINTENANCE MANUAL

cleaner or hydrogen peroxide and Fullers Earth.

- (b) Restore cleaned area to a glossy finish by rubbing it with a commercial polishing powder and a damp cloth. For large areas, use a buffer pad fitted to a low-speed drill.
- (3) Clean soot stains as follows:
 - (a) Scrub stain with a commercial poultice or a mixture of baking soda and hydrogen peroxide.
 - (b) Restore cleaned area to a glossy finish by rubbing it with a commercial polishing powder and a damp cloth. For large areas, use a buffer pad fitted to a low-speed drill.
- (4) To clean oil based stains such as those caused by butter, mayonnaise and cosmetics, perform the following:
 - (a) Scrub stain with a commercial poultice or a mixture of Fullers Earth and acetone.
 - (b) Restore cleaned area to a glossy finish by rubbing it with a commercial polishing powder and a damp cloth. For large areas, use a buffer pad fitted to low-speed drill.

C. Follow On

- (1) Inspect for presence of foreign objects.
- (2) Record all maintenance actions in accordance with current governing authority.

4. Lexan — Cleaning Procedures

NOTE: Gulfstream Aerospace Corporation recommends specific products for cleaning and maintaining Lexan surfaces on aircraft. Recommended products listed in consumables.

A. Preparation

SPECIAL TOOLS AND TEST EQUIPMENT

Soft cotton cloth	Standard
Nonabrasive cloth	Standard

CONSUMABLES

Plexiglass cleaner	Standard
Cleaner	Brilliance or equivalent
Polish (use only to minimize scratches)	Pledge or equivalent

CAUTION: TO PREVENT POSSIBLE DAMAGE TO AIRCRAFT INTERIOR, TAKE CARE NOT TO SPILL CLEANING PRODUCTS IN AIRCRAFT.

- (1) Reference
 - [Safe Ground Maintenance Procedure, 20-00-00, Maintenance Practices](#)
- (2) Aircraft Preparation
 - (a) Prepare aircraft for safe ground maintenance. See [Safe Ground Maintenance Procedure, 20-00-00, Maintenance Practices](#).

GULFSTREAM G550

MAINTENANCE MANUAL

B. Procedure

CAUTION: TO PREVENT POSSIBLE DAMAGE TO AIRCRAFT INTERIOR, TAKE CARE NOT TO SPILL CLEANING PRODUCTS IN AIRCRAFT.

TO PREVENT SCRATCHING OF LEXAN, DO NOT CLEAN USING CIRCULAR MOTION.

- (1) Spray a clean, white, lint free, nonabrasive cotton cloth with plexiglass cleaner or Brillianize and gently clean Lexan.
- (2) To minimize surface scratches on Lexan after cleaning, spray a clean nonabrasive cloth with Pledge and rub into surface over scratch.

C. Follow On

- (1) Inspect for presence of foreign objects.
- (2) Record all maintenance actions in accordance with current governing authority.

5. Vinyl Laminate — Cleaning Procedures

NOTE: Gulfstream Aerospace Corporation recommends specific products for cleaning and maintaining vinyl laminate surfaces on aircraft. Recommended products are listed in consumables.

A. Preparation

SPECIAL TOOLS AND TEST EQUIPMENT

Soft cotton cloth	Standard
Nonabrasive cloth	Standard

CONSUMABLES

Polish	Meguiars No. 34 or equivalent
Cream Polish (used to restore shine)	New Life or equivalent
Ammonia based cleaning product	Standard
Color safe nonchlorine bleach	Standard
Oil free furniture spray	Standard
Liquid detergent	Standard

(1) References

- [Safe Ground Maintenance Procedure, 20-00-00, Maintenance Practices](#)

(a) Aircraft Preparation

- 1 Prepare aircraft for safe ground maintenance. See [Safe Ground Maintenance Procedure, 20-00-00, Maintenance Practices](#).

B. Procedure

WARNING: TO PREVENT INJURY OR DEATH, DO NOT MIX AMMONIA AND CHLORINE BLEACH. DO NOT TAKE CHEMICALS SUCH AS REGULAR CHLORINE BLEACH (CLOROX OR EQUIVALENT) ON AIRCRAFT. NEVER USE FULL STRENGTH BLEACH ON ANY CARPET OR FABRIC.

CAUTION: TO PREVENT POSSIBLE DAMAGE TO AIRCRAFT INTERIOR, TAKE CARE NOT TO SPILL CLEANING PRODUCTS IN AIRCRAFT.

- (1) For preventive maintenance, perform the following:

NOTE: Step [5.B1](#). provides procedure for general cleaning.

12-35-02

Page 307
October 31/11

GULFSTREAM G550

MAINTENANCE MANUAL

- (a) For general daily cleaning, wipe surface with warm water and mild soap on clean, nonabrasive cotton cloth, followed by clean water rinse using clean, nonabrasive cotton cloth.
- (b) Wipe spills away immediately.
- (c) To prevent furniture spray buildup, clean surface several times a year with ammonia based cleaning product on a clean, nonabrasive cotton cloth.

B1. Procedure

(1) Clean difficult stains as follows:

- (a) Rub stain with color safe bleach on a clean, nonabrasive cotton cloth.
- (b) After cleaning, wipe surface with oil free furniture spray on clean, nonabrasive cotton cloth.
- (c) When necessary, restore cleaned area to a glossy finish by rubbing with cream polish and damp cloth.

(2) Prevent surface damage or fading as follows:

- (a) After cleaning, rinse thoroughly with warm water on clean, nonabrasive cotton cloth.
- (b) After rinsing, wipe surface with oil free furniture spray on clean, nonabrasive cotton cloth.
- (c) When necessary, restore cleaned area to a glossy finish by rubbing with cream polish and damp cloth.

NOTE: The greatest cause of damage to decorative laminate surface is failure to rinse after cleaning. Moisture reactivates even small amount of cleaning solution left on surface. The result could be a permanently etched scar or faded spot. So rinse thoroughly with clean water and clean cloths after each cleaning.

Agents that most commonly cause damage to decorative laminate surfaces are as follows:

- Color safe bleach not thoroughly rinsed
- Hydrogen peroxide solution
- Mineral acids such as hydrochloric, sulfuric or nitric acid
- Lye solutions containing 1% or 2% lye, such as Drano
- Sodium bisulfate, such as Sani-Flush
- Potassium permanganate
- Berry juices
- Silver nitrate in 1% solution
- Gentian violet
- Mild silver protein, such as 20% argyrol
- Bluing
- Fabric dye such as Tintex or Rit
- Alcohol containing 1% iodine solution

C. Follow On

- (1) Inspect for presence of foreign objects.
- (2) Record all maintenance actions in accordance with current governing authority.

GULFSTREAM G550

MAINTENANCE MANUAL

6. Plating — Cleaning Procedures

NOTE: Several items on aircraft are plated, such as sink hardware, cupholders, gasper outlets, reading light trim, latches, seat belt hardware, etc. Brass, copper, bronze, black pearl, silver, almond, champagne and rose gold plated finishes, whether they are polished, satin, frosted or antiqued, have a clearcoat applied to seal the alloy finish and retard tarnishing and oxidation. This clearcoat can be accidentally chipped or scratched, so take care to avoid contact with hard or sharp objects.

Dura-Brass, 24K, 18K, 14K, peach gold and smoked nickel finishes do not necessarily require a clearcoat. However, they are soft metals and should be maintained according to the instructions for the finishes that require a clearcoat.

Nickel finishes are very durable and do not require a clearcoat. However, they will oxidize in areas of continual moisture. Follow the same instructions for clearcoated finishes and it will keep this finish protected.

Chrome finishes do not require a clearcoat. These finishes are extremely durable. While following the same instruction for clearcoated finishes is recommended, these finishes are not vulnerable to the tarnishing and oxidation effects that can occur on clearcoated finishes.

The clearcoat can also be damaged by cleaning the fixture with an abrasive cleaner or with ammoniated detergent or by coming in contact with installation glue. Environmental conditions in certain regions can also affect the clearcoat. Therefore, Gulfstream Aerospace Corporation recommends specific products for cleaning and maintaining these plated surfaces aboard the aircraft. Recommended products for cleaning plating are listed in consumables.

A. Preparation

SPECIAL TOOLS AND TEST EQUIPMENT

Cotton gloves	Standard
Soft cotton cloth	Standard
Nonabrasive cloth	Standard

CONSUMABLES

Mild, nonabrasive liquid soap	Standard
Glass Wax	Gold Seal or equivalent

(1) Reference

- [Safe Ground Maintenance Procedure, 20-00-00, Maintenance Practices](#)

(a) Aircraft Preparation

- 1 Prepare aircraft for safe ground maintenance. See [Safe Ground Maintenance Procedure, 20-00-00, Maintenance Practices](#).

GULFSTREAM G550

MAINTENANCE MANUAL

B. Procedure

CAUTION: TO PREVENT DAMAGE TO CLEARCOAT ON PLATED SURFACES, GAC RECOMMENDS THAT AFTER EACH FLIGHT, YOU CAREFULLY WIPE DOWN AND DRY ALL PLATED SURFACES THAT MAY HAVE COME INTO CONTACT WITH ANY SORT OF MOISTURE (SUCH AS WATER, JUICES, CARBONATED BEVERAGES AND ALCOHOL). THIS INCLUDES PLATED SURFACES SUCH AS SINKS, CUPHOLDERS, DRAINS, ETC.

TO PREVENT POSSIBLE DAMAGE TO AIRCRAFT INTERIOR, TAKE CARE NOT TO SPILL CLEANING PRODUCTS IN AIRCRAFT.

- (1) For preventive maintenance, perform the following:

NOTE: Step 6.B1. provides procedure for general cleaning.

- (a) Dry plated surfaces immediately. Do not allow water to air-dry on surface.
- (b) Wear cotton gloves when installing these parts to protect against glue, grease and oil from fingerprints.
- (c) Avoid force when cleaning plated surfaces. All plated finishes are decorative and cannot be treated like industrial parts.
- (d) To protect clearcoat, occasionally apply wax coating to plated surface with clean, non-abrasive cotton cloth.

B1. General Cleaning

- (1) Wipe surface with warm soapy water on clean, nonabrasive cotton cloth.
- (2) After cleaning, wipe surface with clean, nonabrasive cotton cloth and clean water.
- (3) After rinsing, gently buff surface with clean, dry, nonabrasive cotton cloth.
- (4) When necessary, restore cleaned area to a glossy finish by rubbing with wax and damp cloth.

C. Follow On

- (1) Inspect for presence of foreign objects.
- (2) Record all maintenance actions in accordance with current governing authority.

7. Stainless Steel — Cleaning Procedures

NOTE: Some fixtures on the aircraft are made of stainless steel, such as the galley sink and ice drawer linings. Gulfstream Aerospace Corporation recommends specific products for cleaning and maintaining stainless steel surfaces aboard the aircraft. Recommended products for cleaning stainless steel are listed in consumables.

A. Preparation

SPECIAL TOOLS AND TEST EQUIPMENT

Soft cloth	Standard
Nonabrasive cotton cloth	Standard

CONSUMABLES

Mild, nonabrasive liquid soap	Standard
Glass Wax	Gold Seal or equivalent

- (1) Reference

12-35-02

GULFSTREAM G550

MAINTENANCE MANUAL

- [Safe Ground Maintenance Procedure, 20-00-00, Maintenance Practices](#)

(a) Aircraft Preparation

- 1 Prepare aircraft for safe ground maintenance. See [Safe Ground Maintenance Procedure, 20-00-00, Maintenance Practices](#).

B. Procedure

CAUTION: TO PREVENT POSSIBLE DAMAGE TO AIRCRAFT INTERIOR, TAKE CARE NOT TO SPILL CLEANING PRODUCTS IN AIRCRAFT.

- (1) Wipe surface with warm soapy water on clean, nonabrasive cotton cloth.
- (2) After cleaning, wipe surface with clean, nonabrasive cotton cloth and clean water.
- (3) After rinsing, buff surface with clean, dry, nonabrasive cotton cloth.

C. Follow On

- (1) Inspect for presence of foreign objects.
- (2) Record all maintenance actions in accordance with current governing authority.

8. Leather — Cleaning Procedures

NOTE: When in doubt about a particular leather cleaning procedure or stain, contact the Leather Institute (1-800-242-9578).

Gulfstream Aerospace Corporation recommends specific products for cleaning and maintaining leather surfaces aboard the aircraft. Recommended products for cleaning leather are listed in consumables.

A. Preparation

SPECIAL TOOLS AND TEST EQUIPMENT

Soft bristle brush	Standard
Soft cotton cloth	Standard
Nonabrasive cloth	Standard

CONSUMABLES

Mild, nonabrasive liquid soap	Standard
Leather cleaner	Standard
Leather restorer	Standard
Leather cleaning kit	Spinneybeck (1-800-535-9009)
Finished leather cleaner	Standard
Finished leather conditioner and protector	Standard
Ink remover for leather	Standard

(1) Reference

- [Safe Ground Maintenance Procedure, 20-00-00, Maintenance Practices](#)

(a) Aircraft Preparation

- 1 Prepare aircraft for safe ground maintenance. See [Safe Ground Maintenance Procedure, 20-00-00, Maintenance Practices](#).

B. Procedure

Occasionally use leather restorer to keep leather soft and supple.

GULFSTREAM G550

MAINTENANCE MANUAL

Most spots on leather or vinyl surfaces are easiest to clean when they are fresh. Always test cleaning product in an inconspicuous spot before using on large areas.

CAUTION: TO PREVENT POSSIBLE DAMAGE TO AIRCRAFT INTERIOR, TAKE CARE NOT TO SPILL CLEANING PRODUCTS IN AIRCRAFT.

(1) For preventive Maintenance perform the following:

NOTE: Step 8.B1. provides procedure for general cleaning.

- (a) If spot is still in liquid form, attempt to blot excess from material before cleaning.
- (b) Apply Super-Dri or Clean & Dri to dirt or water based stain with a clean cotton cloth.
- (c) For oil based stains, perform the following:

- 1 Apply Carpet Spotter to a clean cotton cloth wrapped around your forefinger.
- 2 Gently agitate area around spot, working towards center.

NOTE: Carpet Spotter evaporates quickly, so you may need to repeat this process several times to successfully remove oil based stains.

- 3 If stain remains after following these procedures, contact appearance group representative for your aircraft or location.

B1. General Cleaning

(1) Remove surface soil from leather with soap and water as follows:

- (a) Work soap and lukewarm water into a thin suds on a clean piece of cheesecloth.
- (b) Wipe soapy cheesecloth over leather surface.
- (c) Thoroughly rinse leather with a clean, damp cheesecloth.
- (d) Dry well with a clean, soft, dry nonabrasive cloth.
- (e) Let leather dry completely.
- (f) Spray a clean, dry cotton cloth with Leather Restorer.
- (g) Rub onto leather and work in well.

(2) Remove surface soil from leather with commercial Leather Cleaner as follows:

- (a) Spray leather cleaner onto a clean cotton cloth.
- (b) Gently rub saturated cloth over leather surface to be cleaned.
NOTE: For heavily soiled areas, use a soft bristle brush with Leather Cleaner.
- (c) Wipe off excess cleaner with a clean, dry cotton cloth.
- (d) Let leather dry completely.
- (e) Spray a clean, dry cotton cloth with Leather Restorer.
- (f) Rub on leather and work in well.

C. Follow On

- (1) Inspect for presence of foreign objects.
- (2) Record all maintenance actions in accordance with current governing authority.

GULFSTREAM G550

MAINTENANCE MANUAL

9. Vinyl — Cleaning Procedures

NOTE: Gulfstream Aerospace Corporation recommends specific products for cleaning and maintaining vinyl surfaces aboard aircraft. Recommended products for cleaning vinyl are listed in consumables.

A. Preparation

SPECIAL TOOLS AND TEST EQUIPMENT

Soft bristle brush	Standard
Soft cotton cloth	Standard
Nonabrasive cloth	Standard

CONSUMABLES

Mild, nonabrasive liquid soap	Standard
Color safe bleach	Standard
Isopropyl alcohol	Standard
Oil free furniture polish	Standard
Super-Dri	Standard
Clean & Dri	Standard
Leather cleaner	Standard
Leather restorer	Standard
Leather cleaning kit	Spinneybeck (1-800-535-9009)
Finished leather cleaner	Standard
Finished leather conditioner and protector	Standard
Ink remover for leather	Standard
Carpet spotter	Standard

(1) Reference

- [Safe Ground Maintenance Procedure, 20-00-00, Maintenance Practices](#)

(a) Aircraft Preparation

- 1 Prepare aircraft for safe ground maintenance. See [Safe Ground Maintenance Procedure, 20-00-00, Maintenance Practices](#).

B. Procedure

Most spots on leather or vinyl surfaces are easiest to clean when they are fresh. Always test cleaning product in an inconspicuous spot before using on large areas.

CAUTION: TO PREVENT POSSIBLE DAMAGE TO AIRCRAFT INTERIOR, TAKE CARE NOT TO SPILL CLEANING PRODUCTS IN AIRCRAFT.

(1) For preventive maintenance, perform the following:

NOTE: Step 9.B1. provides procedure for general cleaning.

Carpet Spotter evaporates quickly, so you may need to repeat this process several times to successfully remove oil based stains.

- (a) If spot is still in liquid form, attempt to blot excess before cleaning.
- (b) Apply Super-Dri or Clean & Dri to dirt or water based stain with clean cotton cloth.
- (c) For oil based stains, perform the following:

- 1 Apply Carpet Spotter to a clean cotton cloth wrapped around your forefinger.

12-35-02

Page 313
October 31/11

GULFSTREAM G550

MAINTENANCE MANUAL

2 Gently agitate area around spot, working towards center.

- (d) If stain remains after following these procedures, contact appearance group representative for your aircraft or location.

B1. General Cleaning

- (1) Remove surface soil from vinyl with soap and water as follows:
- (a) Wipe vinyl surface with warm water and soap on a clean, soft cotton cloth.
 - (b) Thoroughly rinse vinyl with a clean, damp cotton cloth.
 - (c) Dry well with a clean, soft, dry nonabrasive cloth.
 - (d) To restore luster, apply light coat of furniture polish to vinyl surface.
 - (e) Let furniture polish sit for 30 seconds and then buff lightly using clean soft cloth.
- (2) Remove difficult stains from vinyl as follows:
- (a) Dampen a soft, white cloth with solution of 10% bleach or 10% alcohol and 90% water.
 - (b) Gently rub stain with saturated cloth.
 - (c) Dampen a clean, soft white cloth with clean water.
 - (d) Thoroughly rinse bleach or alcohol solution from area with clean damp cloth.
 - (e) To restore luster, apply light coat of furniture polish to vinyl surface.
 - (f) Let furniture polish sit for 30 seconds and buff lightly using clean soft cloth.

C. Follow On

- (1) Inspect for presence of foreign objects.
- (2) Record all maintenance actions in accordance with current governing authority.

10. Aermat Rubber — Cleaning

NOTE: Gulfstream Aerospace Corporation recommends specific products for cleaning and maintaining Aermat (rubber) surfaces on the aircraft. Recommended products for cleaning Aermat surfaces are listed in consumables.

A. Preparation

SPECIAL TOOLS AND TEST EQUIPMENT

Soft bristle brush	Standard
Soft cotton cloth	Standard
Nonabrasive cloth	Standard

CONSUMABLES

Mild, nonabrasive liquid soap	Standard
Leather cleaner	Standard

- (1) Reference

- [Safe Ground Maintenance Procedure, 20-00-00, Maintenance Practices](#)

- (a) Aircraft Preparation

1 Prepare aircraft for safe ground maintenance. See [Safe Ground Maintenance Procedure, 20-00-00, Maintenance Practices](#).

12-35-02

GULFSTREAM G550

MAINTENANCE MANUAL

B. Procedure

WARNING: TO AVOID POSSIBLE INJURY, EXERCISE EXTREME CAUTION WHEN APPLYING OILY PRODUCTS TO TREAD MATERIALS. WHEN APPLIED TO TREAD MATERIALS, THESE PRODUCTS MAKE THE TREADS SLICK.

CAUTION: TO PREVENT POSSIBLE DAMAGE TO AIRCRAFT INTERIOR, TAKE CARE NOT TO SPILL CLEANING PRODUCTS IN THE AIRCRAFT.

(1) Wipe surface with warm water and soap on clean, soft cotton cloth.

NOTE: For heavily soiled areas, use soft bristle brush with warm soapy water.

(2) Thoroughly rinse vinyl with clean, damp cotton cloth.

(3) Dry well with a clean, soft, dry nonabrasive cloth.

(4) To restore luster, apply a light coat of leather cleaner to Aeromat surface.

(5) Buff lightly using clean soft cloth.

C. Follow On

(1) Inspect for presence of foreign objects.

(2) Record all maintenance actions in accordance with current governing authority.

GULFSTREAM G550
MAINTENANCE MANUAL

THIS PAGE IS INTENTIONALLY LEFT BLANK

12-35-02

Page 316
October 31/11