

# GULFSTREAM G550

## MAINTENANCE MANUAL

### INLET COWLS — CLEANING / PAINTING

#### 1. Inlet Cowl Lip Skin — Cleaning

##### A. Preparation

##### SPECIAL TOOLS AND TEST EQUIPMENT

Engine maintenance stand ..... GSE0500253  
Circuit breaker safety clips ..... GSE2400984 or equivalent

##### CONSUMABLES

Lint free cloth ..... Commercial  
Cleaning solvent ..... P-D-680

##### (1) References

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

##### (2) Aircraft Preparation

- Prepare aircraft safe for ground maintenance. See [Safe Ground Maintenance Procedure, 20-00-00, Maintenance Practices](#).
- Pull, tag and install safety clips on the following Circuit Breakers (CB):

CB NAME	CB PANEL	CB LOCATION
L HPSOV	LEER	ENGINE SYS / CTLS
R FADEC CH A	LEER	ENGINE SYS / CTLS
L FADEC CH A	LEER	ENGINE SYS / CTLS
L FADEC CH B	REER	ENGINE SYS / CTLS
R HPSOV	REER	ENGINE SYS / CTLS
R FADEC CH B	REER	ENGINE SYS / CTLS
ENG VIB MONITOR	REER	ENGINE SYS / CTLS
L/R START B	Copilot	ENG SYS / CNTRLS
L/R START A	Pilot	ENG SYS / CNTRLS

**WARNING: AFTER ENGINE SHUTDOWN PARTS CAN STAY HOT FOR UP TO ONE HOUR. DO NOT TOUCH HOT PARTS WITHOUT APPROVED GLOVES.**

- Ensure engine has been shut down for at least 5 minutes.
- Position engine maintenance stand as required.

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### B. Procedure

**WARNING:** MANY OF THE MATERIALS SPECIFIED HAVE SIGNIFICANT OCCUPATIONAL SAFETY, HEALTH OR ENVIRONMENTAL REQUIREMENTS RELATED TO THEIR USE. MATERIAL SAFETY DATA SHEETS MUST BE CONSULTED FOR ALL MATERIALS TO DETERMINE THE MANUFACTURERS RECOMMENDATIONS CONCERNING OCCUPATIONAL EXPOSURE PRECAUTIONS. IT IS THE SOLE RESPONSIBILITY OF THE USER TO ENSURE PROTECTION FROM INJURY OR EXPOSURE; SAFE APPLICATION OF MATERIALS; AND COMPLIANCE WITH ANY FEDERAL, STATE OR LOCAL REGULATIONS REGARDING THE USE OF ANY OF THE MATERIALS SPECIFIED.

- (1) Clean outer and inner surfaces of lip skin with cleaning solvent and a clean lint free cloth.

**NOTE:** Do not to splash solvent onto aerodynamic surfaces of the intake liners as this may cause staining. For added protection, mask the aerodynamic surfaces of the liners adjacent to lip skin.

- (2) Using a soft lint free cloth, lightly buff the cleaned lip skin to remove any smearing caused by solvent and also to enhance cosmetic appearance of nose cowl.

**NOTE:** Ensure that the cloth is free of foreign objects which may cause damage to the lip skin.

### C. Follow On

- (1) Inspect for presence of foreign objects.
- (2) Remove maintenance stand from work area.
- (3) Remove safety clips, tags and depress circuit breakers that were pulled in Step [1.A.\(2\)\(b\)](#).
- (4) Record all maintenance actions in accordance with current governing authority.