

## SERVICE INFORMATION LETTER

22 Apr 2020

1. Subject: **Genesys Equipment Cleaning/Disinfecting**

2. Equipment affected by this SIL are as follows:

**All Genesys Equipment**

3. Genesys Aerosystems recognizes the need for this guidance in addition to any aviation industry standard practice for maintaining the cleanliness of cockpit avionics and the cleanliness of airworthy components in stores.

Genesys Aerosystems manufactures many different types of components for aviation use, but they can all be cleaned and disinfected using the same chemicals, using the same approach.

4. Please obtain following to clean all Genesys Equipment:

- a. Microfiber Cloth
  - i. Soft
  - ii. Lint Free
- b. Cotton Swabs
  - i. Small and Medium Size
  - ii. Lint Free
- c. Isopropyl Alcohol (70%)
- d. Display Glass/Avionics Cleaner
  - i. When searching for a Display Glass and Avionics Cleaner, be sure the chemical you choose protects coated glass. See NOTE below.

### **NOTE**

The EFIS Display Glass has an AR coating and the coating can be damaged if the wrong chemical is used to clean or disinfect it. Please take extra care when choosing a cleaner. The cleaner's description should include a statement in regard to coated glass.

Isopropyl Alcohol (70%) can be used in place of this cleaner, as well.

- e. Clorox/Lysol Disinfecting Wipes
  - i. These wipes can be used to disinfect all surfaces of Genesys Equipment. These wipes may leave a coating or film on the equipment that will need to be cleaned off after disinfecting.
- f. Latex Gloves

5. Please follow this guidance for cleaning specific Genesys avionics components:

**NOTE**

Do not spray any cleaner or chemical directly onto the surface of any components. Apply the cleaner or chemical directly to the microfiber cloth or cotton swab.

- a. If installed in the aircraft:
  - i. Ensure all power is off.
  - ii. Leave equipment installed.
  
- b. If located in stores or removed from the aircraft:
  - i. Place equipment on an ESD protected surface.
  - ii. Leave ESD protection caps and plugs in place.
    - 1. If there are no caps or plugs installed, install them now. This applies to electrical connections and any open pitot/static ports.
  - iii. Leave any shipping display cover in place. (Blue film for IDU-450/680)
  
- c. **BUTTONS:**
  - i. Apply cleaner to cotton swab and clean around the edges of the buttons. Be sure to clean the spaces between the buttons and the machined face of the component where applicable.
  
- d. **ENCODERS:**
  - i. Apply cleaner to microfiber cloth and wipe down all encoder knob surfaces. Do not remove the encoder knobs for cleaning.
  
- e. **ALL DISPLAYS (EFIS/Autopilot):**
  - i. If the shipping cover or film is in place, no cleaning is required or needed at this time.
  - ii. If installed in the aircraft, apply cleaner to microfiber cloth and wipe display surface clean and let dry.
  - iii. Check for streaking. If streaks appear after drying, use a clean microfiber cloth with Isopropyl Alcohol (70%) and wipe clean.
  
- f. **GENERAL COMPONENT SURFACES:**
  - i. Apply cleaner to microfiber cloth and wipe clean.
  
- g. **IDU-450/680 Specific Considerations:**
  - i. Apply Isopropyl Alcohol to a cotton swab and clean the following:
    - 1. Light sensor in the top left hand corner of the display bezel.
    - 2. Leaving the Slip Indicator installed, clean the glass tube for the indicator. Do not apply pressure to the tube.
    - 3. Lift up on the Slip Indicator/Blank to expose the USB Port, LED Lights, and Light Sensor. Clean the LED lights and Light Sensor. Do NOT apply any chemicals to the USB Port.

Please contact Genesys Aerosystems customer support with any questions.

Email: [support@genesys-aerosystems.com](mailto:support@genesys-aerosystems.com)

Phone: +1-817-215-7600, Option 3

Thank you.

A handwritten signature in black ink that reads 'Shawn S. Mitchell'.

**Shawn S. Mitchell**

Field Service Engineer

Genesys Aerosystems

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