

May 11, 2022

Subject: Customer Notification – Safran 2 pole ESS/Econo / MIL-DTL-3950 Switch Frame Manufacturing Process Change

Dear Newark,

This letter is to inform you that the manufacturing process for 2 pole frames used on ESS/Econo series switch has changed:

- **Prior state:** Safran procured an aluminum (material: ASTM B85 Alloy 380) frame from a casting supplier and added a secondary operation to thread the frame and add the cross hole, then managed the anodize coating of the part directly with its sub-tier.
- **Current state:** Safran now procures completed cast switch frames (new cast material: ZAMAC #2) from a sub-tier, including the cross-hole, threaded mounting bushing and the coating of the part (clear chromate).
 - NOTE that this is the same process and supplier change as was completed on Safran's single pole ESS/Econo / MIL-DTL-3950 switches and communicated to Safran's customers via similar letter in February 2021.

Affected part numbers:

You are receiving this letter because Safran has shipped (between JAN2019 through MAR2022) or will ship (as identified on Safran's 04-APR-2022 backlog report) to your company one or both of the following sets of sealed toggle switch part numbers:

- 1) Catalog part number series: 8501Kxx, 8511Kxx, 8521Kxx, 8531Kxx, 8534Kxx, 8567Kxx & 8571Kxx.
- 2) Specific customer controlled 8906Kxxxx series part numbers. (see Appendix A at the end of this letter for a list of affected customer controlled part numbers that have shipped to or are on backlog with your company.)

Use these part number lists for customer notification as needed.

Reason for change: identified a potential supply risk linked to increase duty taxes and country of origin, re-sourced to supplier in North America.

Validation testing to MIL-DTL-3950K was successfully completed on:

- (8) samples MS24524-21 / Safran PN 8501K1
- (8) sample MS27407-3 / Safran PN 8501K16
- (8) sample MS27723-21 / Safran PN 8571K1-16
- (8) sample MS27785-27 / Safran PN 8571K2-20

Tests performed included salt spray, thermal shock, moisture resistance, sand and dust, shock and vibration, mechanical endurance and other tests. The completed and approved test plan was assigned test report #3950-6365-22 by DLA Land and Maritime, report date 18-APR-2022. The complete test matrix, completed test report and DLA approval is available upon request.

Effective date for this change is as soon as the week of 09-MAY-2022 / date code 2219, order dependent.

Appearance: See pictures 1A & 1B below for the before/after appearance of the frames. The prior frame had a darker appearance; the current frame is brighter / shinier. (NOTE that the frames shown in these pictures are single

pole frames changed in early 2021. The prior and current state processes and are the same; the “new” parts will have the brighter / shinier appearance.)



Picture 1A: prior state

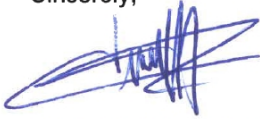


Picture 1B: current state

Confidentiality Notice: Please be aware that this information is strictly confidential and cannot be disclosed to other parties without the prior agreement of Safran Power USA.

If you have any additional questions or comments regarding the status of the relocation, please do not hesitate to contact me.

Sincerely,



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APPENDIX A: List of affected 8906Kxxxx series customer controlled part numbers

Safran PN
8906K5916