

SX-16 Nightsun® Searchlight
Safety and Service Bulletin # SL0600-01

Issued Date: 06/22/00

Amended Date: 01/13/2010

WARNING: TO AVOID A POTENTIALLY DANGEROUS SITUATION WHICH COULD CAUSE PROPERTY DAMAGE AND OR PERSONAL INJURY, ENSURE THAT THE AFFECTED MATERIAL IS INSPECTED AND / OR REPLACED AS DESCRIBED IN THIS BULLETIN.

Subject: SX-16 Nightsun® Junction Boxes

Affected Products:

All SX-16 Nightsun® Junction Boxes P/N 020706, revisions up to and including Rev W. The Junction Box is the power distribution box for the SX-16 Nightsun® Searchlight System.

Dear Valued Customer of the SX-16 Nightsun® Searchlight:

Under certain operational conditions, diodes CR4 and CR5 in the junction box can malfunction causing an abnormal state of continuous conduction while the searchlight is in operation. If this happens, the diode's wiring will be severely overloaded, causing the wire to overheat and generate smoke. We have incorporated a retrofit kit and detailed instructions to resolve the condition (refer to attached document # 032401). Compliance will encompass operational enhancement with respect to reliability and durability through operational requirements.

Spectrolab, Inc. Safety and Service Bulletin # SL0600-01 dated 06/15/00 (continued)

What you should do:

Contact Spectrolab upon receipt of this service letter to order the applicable material for compliance. Please provide part and serial number(s) of the affected Junction Boxes and Spectrolab will send to you all necessary material in kit form. Upon receipt of material, comply with the service procedure described within the attached document # 032401. Subject document will guide you through the inspection and material replacement process. If you require that Spectrolab perform this service for you, please contact our Customer Service Department at 1-800-936-4888 for instructions and a return authorization number.

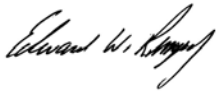
What is included with this bulletin:

1. Document #SL0600-01 – (This letter)
2. Document #032401 – Safety Diode And Fuse Addition/Retrofit To SX-16 Junction Boxes P/N 020706

Compliance:

At aircraft's next major inspection interval, but no later than four months from receipt of material.

On behalf of Spectrolab I apologize for any inconvenience as a result of this publication. If you have any questions or comments, please contact our Customer Service Department.



Sincerely,

Ed Ringo
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