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## Lamp Cooling Procedure

Subject: Searchlight Cooling Procedure for all SX-16 and SX-5 Systems

Dear valued Spectrolab Searchlight Product User:

To provide proper cooling for the lamp in your Searchlight, it is imperative to allow the fan to run after the lamp is extinguished.

The Control Box contains a three-position (Start/On/Off) switch. This three position switch controls the power supply to the Searchlight system and lamp.

- The On (middle) position turns on the entire Searchlight system (including the fan), but it does not illuminate the lamp.
- The Start (momentary up) position ignites the xenon gas arc lamp. When this switch is released, it automatically returns to the On (middle) position.
- The Off (lower) position will extinguish the lamp and turn off power to the entire Searchlight system. Spectrolab recommends that the switch is then moved to the On position for at least 10 minutes. This will turn on the Cooling Blower and allow for the Lamp and other internal Searchlight components to cool completely.

Spectrolab has released new product line updates and new Maintenance and User Manuals, if you would like to receive an electronic copy of these manuals or like to be added to the documentation update list please email [DL-SYLCustomerservice@west.boeing.com](mailto:DL-SYLCustomerservice@west.boeing.com)

Please feel free to call or email for any other questions or concerns you may have.