

NEWS – RELEASE OF INFORMATION

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RE: SX-7 Starsun Searchlight

Spectrolab is pleased to introduce the new SX-7 Starsun Searchlight System. This new model has been developed based on the SX-5 Starburst footprint, while capturing the enhanced features and performance characteristics of the SX-16 Nightsun®. This new addition to the SX Series of high intensity searchlights, maintains compatibility on a variety of aircraft, while greatly increasing the performance for the upward trend of multi-mission role aircraft in the industry.

While the SX-7 Starsun's Searchlight and Gimbal envelope dimensions and weights are nearly identical to those of the SX-5, it offers a significant increase in performance with a 700 Watt lamp. The SX-7 Starsun encompasses many of the performance and reliability improvements introduced in the SX-16 Nightsun® Enhanced Searchlight, which includes: a system hour meter, a more efficient reflector, and two-way focus operation. The SX-7 also introduces a new aluminum Unibody Gimbal Arm with new design features that add hard stop adjustability in both azimuth and elevation. The more robust Unibody Gimbal Arm removes the service life limit found in its predecessor. The new Unibody Gimbal configuration will also enable a ninety degree (90°) look down angle, which will assist in Helicopter Emergency Medical Services (HEMS) and Search and Rescue (SAR) operations.

For improved control, the SX-7 Starsun will feature the next generation (Gen II) SX Series Control Box. A pressure-sensitive joystick replaces the standard 8-way switch for smoother control of the searchlight. A new rocker switch replaces the standard push-button focus switch, to enable control of the two-way searchlight focus. Dedicated system and lamp control switches replace the standard single system and lamp control switch to enhance system operation.

The SX-7 Starsun is designed to utilize SpectroLink System for linking to cameras and other sensor turrets. SpectroLink also offers the option for Searchlight and system control via Spectrolab's Sidecar Controller, Moving Maps, and other secondary control inputs for operation of stow, cage, system status, and position output and input signals.

The new SX-7 Starsun boasts an estimated 20-25 million candlepower output with 32 Lux ~at 1k.

The SX-7 Searchlight System light will undergo an expedited Environmental Testing and qualification efforts to meet market requirements.