

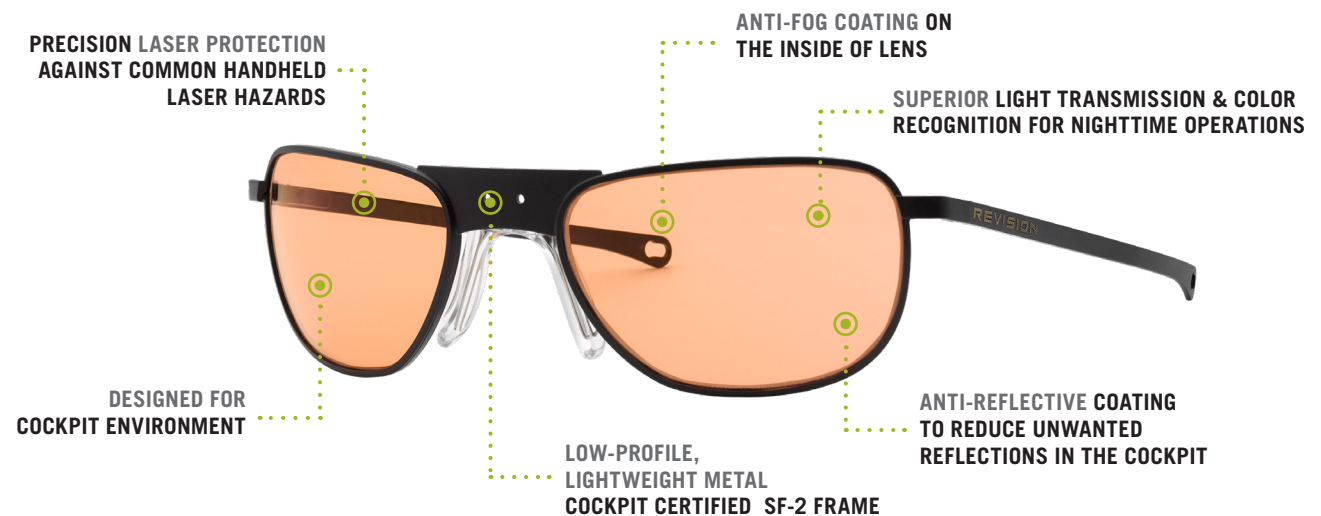


CALI-C
LAZARBLOC TECHNOLOGY

AVIATOR SF-2 CALI-C LASER PROTECTION

For Protection Against Common Handheld Laser Hazards While Performing in a Cockpit Environment.

Developed with Air Force Research Laboratory, the CALI-C lens is designed to maximize protection and minimize the impact of laser strikes in the cockpit for aviators. Both rotary- and fixed-wing aircraft have the benefit of altitude, which means a reduction in the rate of eye damage, but a heightened threat of distraction, disorientation, and flash blindness as laser light can fill a cockpit with bright light in an instant. The CALI-C formulation takes this into account by offering a wide band of protection without compromising light transmission – a critical point given most aviation laser incidents happen at night.



CALI-C TARGET LASER PROTECTION LEVELS		
PROTECTED LASERS WITH OPTIMIZED PROTECTION	Violet	405nm OD 3.0
	Green	532nm OD 2.0
	NIR	1064nm OD 1.0
VISIBLE LIGHT TRANSMISSION (VLT) PHOTOPIC/SCOTOPIC	59% / 32%	

CHARACTERISTICS/COMPONENTS

PURPOSE	Developed with the Air Force Research Laboratory, CALI-C is a special formulation designed to offer laser eye protection without compromising on color recognition in a cockpit environment.
FRAME	Aviator SF-2 Frames, size Regular
PRECISION LASER PROTECTION	The CALI-C lens protects against Violet, Green and Near Infrared (NIR) lasers – 405nm OD 3.0, 532nm OD 2.0, 1064nm OD 1.0
LIGHT TRANSMISSION & COLOR RECOGNITION	Formulated to enable visible light transmission and color recognition to maintain mission critical situational awareness, achieving 59% photopic and 32% scotopic light transmission
LENSES	Lenses are made of indestructible, optical-grade polycarbonate and provides 100% UV-A-B-C protection.
LENS COATINGS	<ul style="list-style-type: none"> • Anti-reflective coating (AR) on the outside of the lens is required to reduce unwanted reflections which are especially noticeable in a cockpit environment. The AR coating also helps to maximize VLT and increase cockpit indicator light recognition. • Standard anti-fog coating on the inside of the lens provides enhanced performance in humid environments.

BASIC KIT



CALI-C SF-2 KIT	BASIC
SF-2 FRAME	
BLACK	•
LENS	
CALI-C	•