



MAX • VIZ®

Enhanced Vision Systems

See Clearly, Fly Safely®



EVS-1500

**The first DUAL field-of-view
Enhanced Vision System,
from the Leader in EVS
Technology**

FAA Certified

EVS-1500

Aviation's most affordable EVS for business, helicopter, military and commercial transport aircraft.

Available today with STC approved installation kits.

In response to end-user requests for expanded Enhanced Vision System capability, Max-Viz introduces the new EVS-1500...**the First EVS System to provide DUAL Field-of View capability**, for enhanced safety and situation awareness on business aircraft and helicopters.

The EVS-1500 is a form-fit replacement for the popular EVS-1000, and existing Max-Viz STCs are being amended to add the EVS-1500 as an alternate. Size and weight is identical for both systems, and up-grade from the EVS-1000 to the EVS-1500 can be accomplished by any factory authorized Max-Viz Dealer.

Like the EVS-1000, the primary field-of view is **53 degrees**, to allow for optimal peripheral vision during landing and taxi operations. When the new zoom switch is engaged, the EVS view will change to **30 degrees**, to allow for additional magnification of targets of interest in the far distance.

Additional EVS-1500 features include enhanced image processing, improved sensor sensitivity and a new automatic sun sensor, for protection of the system from sun-trail over-load.

STC approved installation kits are available for Falcons, Challengers, Global Express, Gulfstream III/IV/V, and a variety of other business jet and turbo-prop aircraft. Rotary wing STCs are available for all major models of turbine helicopters. System purchase and installation is available from the most well-known and respected dealer names in the industry.

"See Clearly- Fly Safely"



Max-Viz EVS-1500 installed on the Citation II



Dedicated EVS display for Sikorsky S-76



Weighing under 5 lbs and approximately 2.75" in diameter x 5.75" long, the EVS-1500 is the smallest and lightest EVS available.

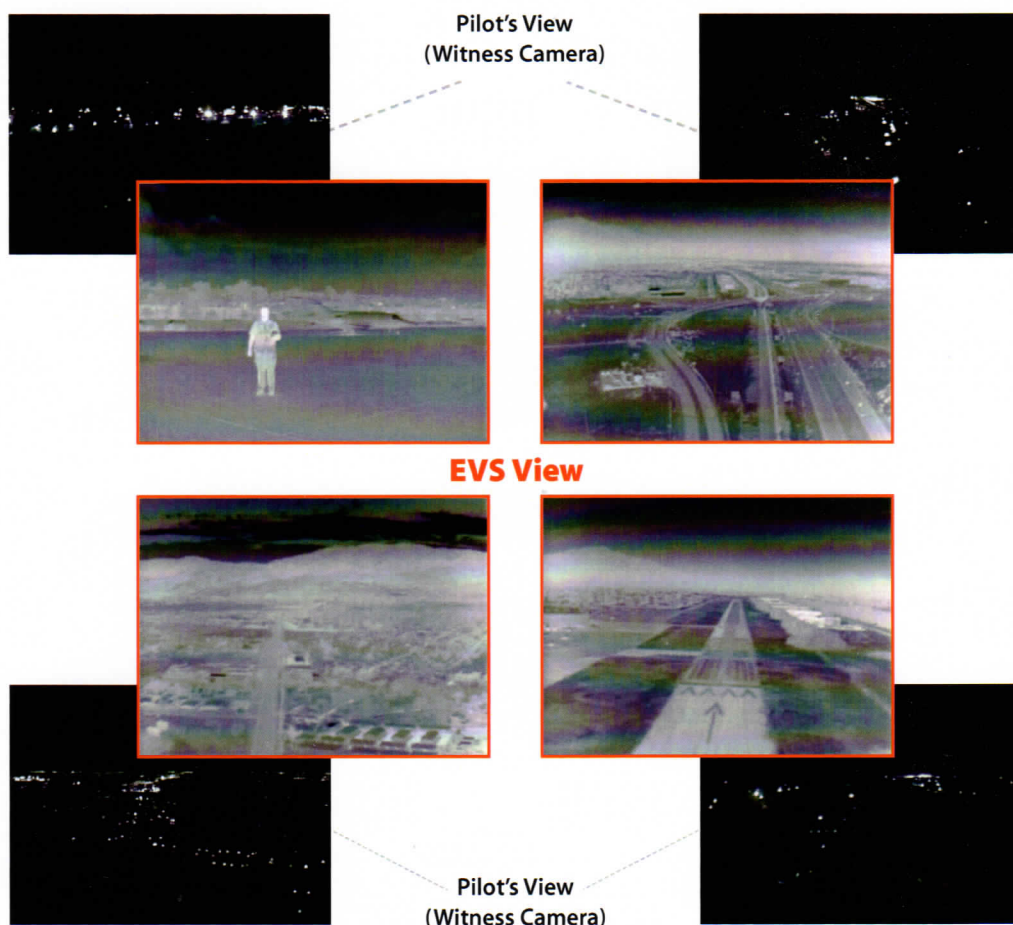
EVS-1500 Series

- ▶ Safety—displays a clear 53° x 40° or 30° x 23° field of view ahead and below
- ▶ Affordability—costs significantly less than first-generation EVS
- ▶ Compatibility—operates with any video-capable cockpit display
- ▶ Reliability—solid-state design yields maintenance-free operation

Ideal for helicopter operations



Safety is enhanced via early detection of runway incursions and improved awareness of terrain during night operations, to prevent controlled flight into terrain (CFIT)

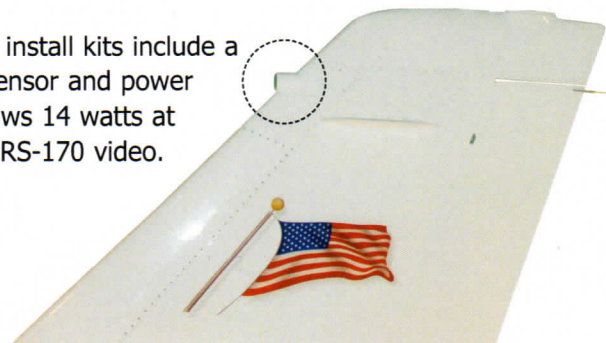


"EVS provides increased situational awareness resulting in enhanced safety"

Easy Installation

Dassault Falcon STC-approved install kits include a modified tail fairing, for EVS sensor and power supply mount. The system draws 14 watts at 28 VDC and outputs standard RS-170 video.

EVS installation
for Dassault Falcon



EVS-1500 Specifications

General	Lightweight, solid state, uncooled Thermal Imaging Camera with advanced image processing software
Sensor Technology	Un-cooled solid state microbolometer
Field of View	Pilot selectable dual field of view - 53 x 40 or 30 x 22.5 degrees Optical zoom – no loss in resolution
Resolution	320 x 240 pixels
Size	Camera: 2.8" (71mm) diameter x 6.8" (172 mm) length Power Module: 3.75" (95mm) width x 5.0" (127mm) height x 2.25" (57.2mm) depth
Weight	Camera: 2.5 Lbs (1.13kg) Power Module: 2.65 Lbs (1.20kg)
Power	Electronics: 14 watts typical; 28 watts peak at 28VDC Environmental: 85 watts maximum with heater
Environmental Qualifications	Certified to DO-160E Fully EMI/RFI and power conditioned
Reliability	15,000 hours MTBF



Max-Viz Corporate Headquarters

With headquarters in Portland, Oregon, the Max-Viz team includes aviation professionals, research engineers and professional pilots, with an experience base that is second to none in the EVS industry. Our facility is dedicated to the design, development and production of the world's most advanced EVS and to the development of new technology specifically targeted to the improvement of Enhanced Vision Systems.

For more information about EVS-1500

Factory Authorized Dealers and Installers in your area, contact:

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For additional product and program information visit:
www.Max-Viz.com



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