

MAX-VIZ[®] 1500

ENHANCED VISION SYSTEMS



Enhanced Vision System

P/N MAX-VIZ 1500

Size:

Camera

2.8 in Diameter x 6.8 in Length
(71 mm Diameter x 172 mm Length)

Power Module

3.75 in W x 5.0 in H x 2.25 in D
(95mm W x 127mm H x 57.2mm D)

Weight:

Camera

2.5 lbs, (1.13 kg)

Power Module

2.65 lbs, (1.20 kg)

POWER

- Electronics: 10 watts typical; 15 watts peak at 28VDC
- Environmental: 50 watts average; 125 watts maximum with heaters on

SAFETY

- Avoid IMC, the principal initiator of CFIT, the number one cause of aircraft accidents.
- Avoid obstacles before GPWS/TAWS warnings with a clear visual picture of the environment.
- On the ground and in flight, see live video of obstructions vs 2D GPWS symbology.
- See and avoid cloud build-ups, giving passengers a smoother flight.
- First Enhanced Vision System to have Pilot selectable Field of View (FOV) 53 x 40 or 30 x 22.5 degrees.
- Reduce stress and fatigue; increase safety of night and Marginal VFR operations.
- At night, see and avoid wildlife and other Runway Incursions prior to takeoff or landing.
- Preserves critical resources.

FEATURES

- Same form factor as previous generation
- Pilot selectable Optical Field of View (enables zoom with no loss in resolution) - 53° wide x 40° vertical or 30° wide x 22.5° vertical
- Exportable under Department of Commerce (not ITAR)
- Manufactured in AS9100 Certified facility
- Qualifications: Fully EMI/RFI and power conditioned
- Reduced Insurance Cost
- No Major Glass Cockpit Retrofit Necessary
- Minimal Down Time
- Increase in Aircraft Value
- Reliability: greater than 10,000 hours MTBF
- Light Weight - only 5.15 pounds
- Solid State technology with no routine maintenance requirements
- Over 1,600 Max-Viz sensors in flight today

CERTIFICATION

- Environmentally Qualified to DO-160E



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STC'd Fixed Wing: Cessna 206, Falcon- 50, 900B, 900EX, 2000 & 2000 EX, Gulfstream G-III/IV/ V, Global Express, King Air- C-90, B-200 & B-350

STC'd Helicopter: Agusta 109, 139, Bell 206, 407, 212, 412, 222, 230, 430, Eurocopter AS-350, EC-130, 135, 635, S76.

TAKE VISIBILITY TO THE MAX

The Max-Viz 1500 is a Dual Field of View Enhanced Vision System designed by pilots for improved situational awareness in all phases of fixed and rotor wing flight. The Max-Viz 1500 sets the standard for aviation Enhanced Vision Systems.

STC available with the following displays:

- Avidyne R9 Displays
- Proline 21
- Garmin G-500, G-500H, G-600, G-1000
- Universal Avionics 890R

Astronics MAX-VIZ

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The Max-Viz 1500 turns night into day, sees through smog, haze, light fog and smoke.



Unaided Eye



With EVS



Unaided Eye



With EVS



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