

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 EVS-1500 sets the standard for aviation Enhanced Vision Systems.

Make Synthetic Vision REAL with Max-Viz*.

*New obstacles may not be available in your existing
TAWS, GPWS, and SVS database.

STC AVAILABLE WITH THE FOLLOWING DISPLAYS:

- › Avidyne R9 Displays
- › Proline 21
- › Garmin G-500, G-500H, G-600, G-1000
- › Universal Avionics 890R
- › Electronic flight bags or any RS 170 video enabled device



› Scan here to watch
King Air video.

ASTRONICS

MAX-VIZ



Unaided Eye



With EVS



Unaided Eye



With EVS

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

MAX • VIZ[®]
See Clearly, Fly Safely[®]

1500 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

Enhanced Vision Systems
Seeing is Believing

MAX-VIZ 1500

With Max-Viz, pilots can see clearly through haze, smoke, light fog and 8-10 times further through light to moderate precipitation.

THE MAX-VIZ 1500 BENEFITS:

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 take off or landing.
- 】 Preserves critical resources

VALUE

- 】 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

Max-Viz 1500 Specifications



Lightweight, solid state, uncooled thermal imaging camera with advanced patented image-processing software

- Same form factor as previous generation
- Pilot selectable Optical Field of View – 53° wide x 40° vertical or 30° wide x 22.5° vertical with optical zoom - no loss in resolution
- Highest Exportable Resolution: 320 x 240 pixels under Department of Commerce
- Dimensions of 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 of Camera: 2.5 Lbs (1.13kg); Power Module: 2.65 Lbs (1.20kg)
- Power Electronics: 10 watts typical; 15 watts peak at 28VDC Environmental; 50 watts average; 125 watts maximum with heaters on
- Environmentally Qualified to DO-160E
- Qualifications: Fully EMI/RFI and power conditioned
- Reliability: greater than 10,000 hours MTBF

ASTRONICS
MAX-VIZ

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