

Degraded Visual Environments

(DVE) Brownout Solution



Elbit Systems of America's Degraded Visual Environment (DVE) solution uses intuitive 3D grid symbology along with a helmet tracker to provide critical helicopter/tilt-rotor cues during brownout operations. This system, which is an upgrade to the HUD installed on many military helicopters, eliminates weight or drag penalties by requiring no nose-mounted sensors. The helmet tracker provides numerous ancillary benefits such as depicting the other pilot's Line of Sight (LOS) for improved crew coordination, as well as providing the ability to slew weapons or optical payloads to the pilot's LOS, hands-free and heads-up.

Features

- Sensorless-virtually no increase in weight or drag
- Enhanced situational awareness in brownout operations
- Uses highly intuitive symbology
- Requires minimal training
- Straightforward upgrade to Elbit HUD installed on all U.S. Army UH-60s and CH-47s
- Numerous additional head tracker benefits
 - Improved crew coordination via the other pilot's line of sight
 - Ability to slew weapons or optical payloads
 - Ability to designate targets for guided munitions
 - Can be integrated with Blue Force Tracker for increased situational awareness

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