

Features of the Cobham EFIS include: an advanced, four-screen glass cockpit package, with two primary flight displays and two multi-function displays; enhanced situational awareness via three-dimensional synthetic vision; a helicopter terrain awareness and warning system; a full-function flight management system; a "highway-in-the-sky" predictive flight director; user-definable approaches; a geo-referenced hover vector with "mark-on-target" functionality; remote bugs panel; IFR approval with Cat A capability; night vision goggle compatibility; digital flight recording; intuitive audio and visual warning and advisory systems; traffic display from a traffic advisory system, Traffic Alert and Collision Avoidance System specifications I and II, and Automatic Dependent Surveillance-Broadcast (ADS-B), integrated GPS/WAAS (Global Positioning System/Wide Area Augmentation System); and an air data, attitude and heading reference system.

Additionally, Cobham's EFIS supports products that include NEXRAD weather radar, echo tops, graphical and textual METARs (aviation routine weather reports), textual TAFs (key

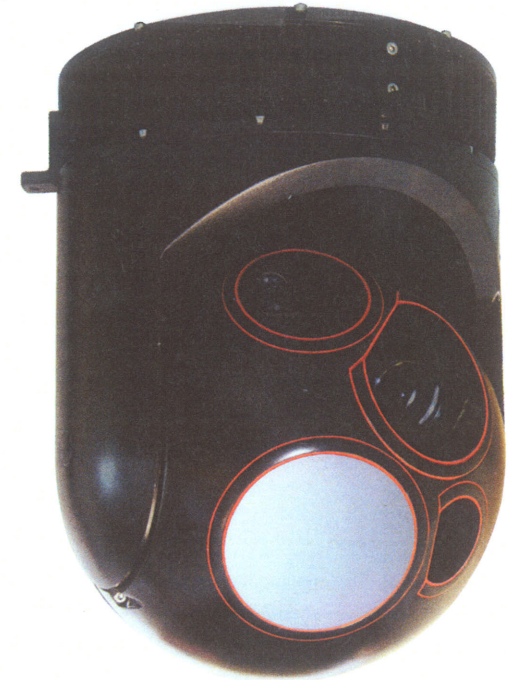
to aerodrome forecasts), lightning, SIGMETs/AIRMETs (significant meteorological information/airman's meteorological information), temporary flight restrictions, and winds/temps aloft; as well as ADS-B datalink display functions, with Traffic Information Service-Broadcast and Flight Information Services-Broadcast (including weather).

Said David Guidry, Arrow general manager, "The Bell 412 is already a capable aircraft, and the addition of the Cobham EFIS makes it even more so, bringing it into the 21st century in terms of pilot interface and enhanced safety."

## Look at the Size of My Turret

L-3 Wescam recently launched its MX-10 electro-optical/infrared (EO/IR) turret, which incorporates the company's multi-spectral MX-Series technology into a smaller footprint. This is said to give defense, homeland security and airborne law enforcement customers a modern option for a lighter, lower-clearance EO/IR product.

The MX-10 weighs 37 pounds, stands less than 14 inches tall and is engineered without a separate control electronics box or an external vibration isolator. Also, the turret is capable of simultaneous high-definition digital video; NTSC or PAL format analog video outputs; and is compatible with all existing MX-Series command and control, moving map, slaved searchlight system and radar interfaces. This commonality is said to promote a faster transition period and ease of use for customers who decide to switch current MX fitted fleets over to the smaller MX-10 turret offering.



L-3 Wescam's new MX-10 is a compact version of its multi-spectral MX-Series technology.