

FAA APPROVED

AIRPLANE FLIGHT MANUAL SUPPLEMENT

TO THE

AEROSPATIALE ATR42 SERIES AND ATR72 SERIES

AIRPLANE FLIGHT MANUALS

INSTALLATION OF EMERGENCY VISION ASSURANCE SYSTEM

This supplement must be attached to the FAA Approved Airplane Flight Manual, when the airplane is modified by the installation of the Vision Safe Corporation Emergency Vision Assurance System (EVAS) in accordance with STC SA00892LA.

The information contained herein supplements or supersedes the basic manual only in those areas listed herein. For limitations, procedures, and performance information not contained in this supplement, consult the basic Airplane Flight Manual.

FAA Approved




Manager, Flight Test Branch, ANM-160L
Federal Aviation Administration
Los Angeles Aircraft Certification Office
Transport Airplane Directorate

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CERTIFICATE LIMITATIONS

Emergency Vision Assurance System

The head-up display, if installed, must be stowed prior to deployment of the EVAS.

EMERGENCY PROCEDURES

The Emergency Vision Assurance System (EVAS) consists of two units (left and right) mounted in the cockpit such that they can be readily deployed if vision to critical flight instruments and through the windshield is lost due to smoke. Each unit contains its own blower, particle filter, batteries, and an air tube connecting the unit with an Inflatable Vision Unit (IVU) that can be placed so as to provide clear vision to the primary flight instruments and windshield. The IVU can be extracted from the unit and attached to a Velcro strip on the glareshield if deployment is expected; deployment is completed by pulling the tab of the IVU and assisting in its inflation by assuring the two vision tunnels align with the primary flight displays and windshield.

1. In the event of smoke in the cockpit, complete applicable AFM Emergency Procedures first, if possible. If smoke intensity prevents accomplishment of AFM procedures, deploy the EVAS to complete the procedures.
2. If smoke accumulation threatens vision, implement EVAS to the point of placing the IVU pack on the glare shield's Velcro strip.
3. If smoke accumulation continues, activate EVAS by pulling the tab on the IVU pack.
4. If IVU does not inflate, press master switch to start blower.