

Vision Safe Corporation
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Supplement No. 1

AFM Supplement to
Airbus A318, A319, 320, 321 AFMs
STC No. ST00892LA

FAA APPROVED
AIRPLANE FLIGHT MANUAL SUPPLEMENT
to the
AIRBUS A318, A319, A320, and A321 SERIES
AIRPLANE FLIGHT MANUALS

INSTALLATION OF EMERGENCY VISION ASSURANCE SYSTEM

This supplement must be attached to the appropriate FAA Approved Airplane Flight Manual when the airplane is modified by the installation of the Vision Safe Corp. Emergency Vision Assurance System in accordance with STC ST00892LA.

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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Section No. 2

Limitations

Emergency Vision Assurance System

1. The head-up display, if installed, must be stowed prior to deployment of the EVAS.
2. The cockpit table (s) must be extended prior to deployment of the EVAS.

Section No. 3

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.

Note 1: The ECAM pages can be viewed by partially deflating the EVAS bag and moving it laterally. Partial deflation can be accomplished by turning the blower ON and OFF.

Note 2: If glare is a problem in seeing the PFD, exchange the PFD with the MFD.