

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA00531DE

This certificate, issued to **Genesis 3 Engineering**
800 Research Dr. Suite 105
Woodland Park, CO 80866

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.

Original Product—Type Certificate Number: A78EU
Make: Pilatus
Model: PC-12, PC-12/45

Description of the Type Design Change:

Installation of a Retractable Platform for a FLIR (Forward Looking Infrared) aft of the pressure bulkhead, FLIR Deployment Door, FLIR operators Console, and Avionics Modifications in accordance with Master Data List, Document No. PBA.000.163-MDL, revision B, dated September 9, 2003, FAA approved October 28, 2003, or later FAA approved revision.

Limitations and Conditions:

1. Compatibility of this design change with previously approved modifications must be determined by installer.
2. Instructions for Continued Airworthiness, Document No. PBA.000.163-842, entitled, "Instructions for Continued Airworthiness", Revision A, dated September 9, 2003, or later FAA accepted revision is required for this installation.
3. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.
4. This approval is limited to the Star SAFIRE I and Star SAFIRE II manufactured by FLIR incorporated. This approval does not extend to Laser pointer, illuminator or rangefinder payload equipment or combinations thereof. In addition the approval does not extend to any installation of Night Vision Goggle (NVG) interface/capability in the cockpit.
5. A copy of this certificate and FAA approved Airplane Flight Manual Supplement, Document No. PBA.000.163-844, Revision IR, dated November 17, 2003, or later FAA approved revision must be maintained as part of the permanent records of the modified aircraft.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: February 20, 2003

Date reissued:

Date of issuance: November 25, 2003

Date amended:



By direction of the Administrator

Melissa Sandow

Melissa Sandow (Signature) Small Airplane Program Manager
Northwest Mountain Region
Denver Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.