

United States of America  
Department of Transportation — Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* ST00421LA

*This certificate, issued to* CALIFORNIA PRECISION HYDRAULICS INCORPORATED  
5330 Derry Avenue, Suite B  
Agoura Hills, California 91301

*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 25 of the Federal Aviation Regulations.*

*Original Product — Type Certificate Number:* A20EU  
*Make:* Fokker Aircraft B. V.  
*Model:* F28 Mark 1000, 2000, 3000 & 4000

*Description of Type Design Change:* Installation of California Precision Hydraulics Piston and Shoe Assembly, Part No. 700010 as a replacement part for Sundstrand Part Nos. 721810G and SD1315G as used in Sundstrand Model No. 20AGD02 Integrated Drive Generator (IDG). For further description see Page 3.

*Limitations and Conditions:* The approval of this change in type design applies to the above noted IDG installed on the Fokker Mark 1000, 2000, 3000 and 4000 airplanes. This approval should not be extended to aircraft of these models that incorporate any other previously approved modifications unless it is determined that the interrelationship between this change and any other modification will introduce no adverse effect upon the airworthiness of these aircraft. 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.

*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:*

*Date issued:*

*Date of issuance:* October 8, 1996

*Date amended:* September 3, 1997



*By direction of the Administrator*

*Cherill M. Wong*  
(Signature)

*for* Manager, Propulsion Branch

Los Angeles Aircraft Certification Office

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

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(Continuation Sheet)

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Description of Type Design Change (Continued):

Part No. 700010 is to be in accordance with California Precision Hydraulics Drawing 700010-A, -C, -D, -F, -H, and -J, Revision "N/C" dated September 26, 1996, or later FAA approved revision.

The above drawing consists of:

700010-63 Shoe, Revision "A" dated September 27, 1996, or later FAA approved revisions.

700010-62A, -62C, -62D, -62F, -62H, -62J, Piston, Revision "A" dated September 26, 1996, or later FAA approved revisions.

The piston consists of:

700010-62 Sleeve, Revision "N/C" dated September 30, 1996, or later FAA approved revisions.

700010-62-2 Core, Revision "N/C" dated September 30, 1996, or later FAA approved revisions.

NOTE: Letter codes for 700010-62 and 700010 denote piston diameter variations which are used on installation to obtain acceptable piston to cylinder bore clearances.

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