

# Supplemental Type Certificate

*Number* SA3933NM

*This Certificate issued to* California Precision Hydraulics, Inc.  
5330 Derry Avenue, Unit 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 4b\* of the Civil Air Regulations.* \*Certification basis as set forth in Type Certificate Data Sheet A3WE.

*Original Product - Type Certificate Number:* A3WE  
*Make:* Boeing  
*Model:* 727-100 and -200 series

*Description of Type Design Change:* Installation of Bell Industries Piston-Shoe Sub-assembly, Part No. 700001 as a replacement part for Sundstrand Part No. 728638 or 700631 when used in Sundstrand Model No. 60AGD18 Constant Speed Drives (CSD). Part No. 700001 to be in accordance with Bell Industries Drawing 700001-A, -C, -D, -H, -J and -L Revision "A" dated December 17, 1984, or later FAA approved revisions. For further description see Page 3.

*Limitations and Conditions:* The approval of this change in type design applies only to the Model No. 60AGD18 CSD installed in the above listed airplane models. This approval should not be extended to aircraft of these models that incorporate any other previously approved modification unless it is determined that the interrelationship between this change and any other modification will introduce no adverse effect on the airworthiness of these 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 3, 1988

*Date reissued:* November 4, 1993 **DEC 6 1996**

*Date of issuance:* July 13, 1988

*Date amended:*



*By direction of the Administrator*  
*Michael A. Murphy*  
(Signature)

Manager, Technical & Administrative  
Support Staff, ANM-103L

(Title)

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

# Supplemental Type Certificate

(Continuation Sheet)

*Number* SA3933NM

Date of Application: February 3, 1988  
Date of Issuance: July 13, 1988  
Date Reissued: November 4, 1993

DEC 6 1990

## Description of Type Design Change:

Bell Industries Drawing 700001-A, -C, -D, -H, -J and -L Piston-Shoe Sub-assembly consists of:

700001-73 Shoe, Revision "A" dated December 20, 1984.

700001-62A, -62C, -62D, -62H, and -62J -62L Piston, Revision "A" dated April 27, 1987.

700001-62( ) Piston, consists of:

700001-62-1 Sleeve, Revision "N/C" dated April 23, 1987.

700001-62-2 Core, Revision "N/C" dated April 23, 1987.

Note: Letter code designations A, C, D, H, and L denote piston diameter variations which are used on installation to obtain acceptable piston to cylinder bore clearances.

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