

United States Of America
Department of Transportation - Federal Aviation
Administration

Supplemental Type Certificate

Number SA3937NM

This Certificate issued to **CALIFORNIA PRECISION HYDRAULICS, INC.**
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 4b* of the Civil Air Regulations. *Certification basis is set forth in Type Certificate Data Sheet (TCDS)

Original Product Type A6WE
Certificate Number :
Make : McDonnell Douglas
Model : DC-9-50, DC-9-81, DC-9-82, MD-88

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, 700631, or SD1334 when used in Sundstrand Model No. 60AGD04 Constant Speed Drives (CSD). Part No. 700001 to be in accordance with Bell Industries Drawing No. 700001-A, -C, -D, -H, -J, and -L, Revision "A", dated December 17, 1984, or later FAA approved revisions. See continuation sheet.

Limitations and Conditions:

The approval of this change in type design applies only to the Model No. 60AGD04 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 the interrelationship between this change and any other modification will introduce no adverse effect on the airworthiness of these aircraft.

Date of application : February 3, 1988

If the holder agrees to permit another person to use this certificate to alter their airplane, the holder shall give the other person written evidence of that permission.

Date of issuance : August 3 1988

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.



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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Supplemental Type
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(Continuation Sheet)

Date reissued : November 4, 1993,
December 6, 1996

Date amended : June 19, 2003, October 7, 2003

By direction of the Administrator
/s/ Thomas A. Enyart

(Signature)

Manager, Propulsion Branch
Los Angeles Aircraft Certification Office

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NOTE:

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Supplemental Type Certificate (Continuation Sheet)

Number SA3937NM

Date of Application: February 3, 1988
Date Issued: August 3, 1988
Date Reissued: November 4, 1993, ownership change
Date Reissued: December 6, 1996, address change
Date Amended: June 19, 2003, to add model MD-88
Date Amended: October 7, 2003, to add P/N SD1334

Revision Log:

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Description of Type Design Change - continued:

California Precision's Drawing No. 700001-A, -C, -D, -H, -J, and -L Piston-Shoe Sub-assembly (formerly Bell Industries) consists of:

700001-63 Shoe, Revision "A", dated December 20, 1984, or later FAA approved revision.
700001-62A, -62C, -62D, -62H, -62J, and -62L Piston, Revision "A", dated April 27, 1987, or later FAA approved revision.

700001-62 () Piston, consists of:

700001-62-1 Sleeve, Revision "N/C". dated April 23, 1987, or later FAA approved revision.
700001-62-2 Core, Revision "N/C", dated April 23, 1987, or later FAA approved revision.

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

A copy of this certificate must be maintained as part of the permanent records of the modified airplane.

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