



U.S. Department
of Transportation
Federal Aviation
Administration

Small Airplane Directorate
Atlanta Manufacturing Inspection
District Office
1701 Columbia Avenue
College Park, Georgia 30337

April 28, 2004
Revised January 19, 2010

PMA No. PQ1682CE

ADpma, LLC
P.O. Box 190
401 Century Court
Piney Flats, TN 37686

FEDERAL AVIATION ADMINISTRATION-PARTS MANUFACTURER APPROVAL

In accordance with the provisions of 14 CFR part 21, Subpart K, we have found that the design data, based on Test and Computations submitted by ADpma, LLC. **for revision** with letter dated January 15, 2010, meet the airworthiness requirements of the regulations applicable to the products on which the parts are to be installed. Additionally, it has been determined that ADpma, LLC. has established the fabrication inspection system required by part 21 § 21.303(h) at P.O. Box 190, 401 Century Court, Piney Flats, TN. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 12R.

This supplement is revised to correct the error to part number PMA80005-1 which should be PMA80005-101 identifying the Clutch Carrier.

You are reminded that the provisions of the Federal Aviation Regulations, noted in our PMA letter of approval dated January 8, 2002, also apply to the enclosed PMA Listing-Supplement No. 12R.

Sincerely,

Jim Reeves
Manager, Atlanta Manufacturing
Inspection District Office

Enclosure

FEDERAL AVIATION ADMINISTRATION-PARTS MANUFACTURER APPROVAL

ADpma, LLC
P.O. Box 190
401 Century Court

PMA NO. PQ1682CE
SUPPLEMENT NO. 12R
DATE: APRIL 28, 2004

Revised January 19, 2010

Piney Flats, TN 37686

<u>Part Name</u>	<u>Part Number</u>	<u>Approved Re-placement for Part Number</u>	<u>Approval Basis And Approved Design Data</u>	<u>Make Eligibility</u>	<u>Model Eligibility</u>
Gear, Spur Pump	PMA80003-3	Allied-Signal P/N: 3500292-3	Test and Computations, per 14 CFR §21.303(c)4, <u>DWG. No</u> PMA80003, <u>Rev. --</u> , <u>Dated: 5/02/02</u> , or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal P/N: 3505188-9 Starter is installed
Carrier, Clutch	PMA80005-101	Allied-Signal P/N: 3500294-1	Test and Computations, per 14 CFR §21.303(c)4, <u>DWG. No</u> PMA80005, <u>Rev. --</u> , <u>Dated: 5/02/02</u> , or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal P/N: 3505188-9 Starter is installed
Nut, Slotted	PMA80006-3	Allied-Signal P/N: 3500297-3	Test and Computations, per 14 CFR §21.303(c)4, <u>DWG. No</u> PMA80006, <u>Rev. --</u> , <u>Dated: 5/02/02</u> , or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal P/N: 3505188-9 Starter is installed
Retainer, Seal	PMA80007-2	Allied-Signal P/N: 3500301-2	Test and Computations, per 14 CFR §21.303(c)4, <u>DWG. No</u> PMA80007, <u>Rev. --</u> , <u>Dated: 5/02/02</u> , or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal P/N: 3505188-9 Starter is installed
Gear Set, Planetary Spur	PMA80008-102	Allied-Signal P/N: 3500351-2	Test and Computations, per 14 CFR §21.303(c)4, <u>DWG. No</u> PMA80008, <u>Rev. --</u> , <u>Dated: 5/02/02</u> , or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal P/N: 3505188-9 Starter is installed

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Hub Assembly	PMA80014-105	Allied-Signal P/N: 3500395-5	Test and Computations, per 14 CFR §21.303(c)4, DWG. No PMA80014, Rev. --, Dated: 5/02/02, or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal P/N: 3505188-9 Starter is installed
Housing Assembly, Exhaust	PMA80020-103	Allied-Signal P/N: 3500881-3	Test and Computations, per 14 CFR §21.303(c)4, DWG. No PMA80020, Rev. --, Dated: 5/02/02, or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal P/N: 3505188-9 Starter is installed
Gear, Internal Spur	PMA80021-1	Allied-Signal P/N: 3501949-1	Test and Computations, per 14 CFR §21.303(c)4, DWG. No PMA80021, Rev. --, Dated: 5/02/02, or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal P/N: 3505188-9 Starter is installed
Shaft Assembly Decoupler	PMA80022-103	Allied-Signal P/N: 3503652-3	Test and Computations, per 14 CFR §21.303(c)4, DWG. No PMA80022, Rev. --, Dated: 5/02/02, or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal P/N: 3505188-9 Starter is installed
Housing Assembly	PMA80024-102	Allied-Signal P/N: 3503654-2	Test and Computations, per 14 CFR §21.303(c)4, DWG. No PMA80024, Rev. --, Dated: 5/02/02, or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal P/N: 3505188-9 Starter is installed
Nut, Pump Plate	PMA80025-1	Allied-Signal P/N: 3503655-1	Test and Computations, per 14 CFR §21.303(c)4, DWG. No PMA80025, Rev. --, Dated: 5/02/02, or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal P/N: 3505188-9 Starter is installed
Gear, Spur-Monopole	PMA80026-1	Allied-Signal P/N: 3503657-1	Test and Computations, per 14 CFR §21.303(c)4, DWG. No PMA80026, Rev. --, Dated: 5/02/02, or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal P/N: 3505188-9 Starter is installed

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Bearing, Sleeve	PMA80028-1	Allied-Signal P/N: 3503666-1	Test and Computations, per 14 CFR §21.303(c)4, <u>DWG. No</u> PMA80028, <u>Rev. --</u> , <u>Dated: 5/02/02</u> , or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal P/N: 3505188-9 Starter is installed
Shaft, Drive	PMA80029-1	Allied-Signal P/N: 3503668-1	Test and Computations, per 14 CFR §21.303(c)4, <u>DWG. No</u> PMA80029, <u>Rev. --</u> , <u>Dated: 5/02/02</u> , or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal P/N: 3505188-9 Starter is installed
Nut, Plain Double Hex	PMA80030-2	Allied-Signal P/N: 359665-2	Test and Computations, per 14 CFR §21.303(c)4, <u>DWG. No</u> PMA80030, <u>Rev. --</u> , <u>Dated: 5/02/02</u> , or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal P/N: 3505188-9 Starter is installed
Spacer, Sleeve Bearing	PMA80034-16	Allied-Signal P/N: 360195-16	Test and Computations, per 14 CFR §21.303(c)4, <u>DWG. No</u> PMA80034, <u>Rev. --</u> , <u>Dated: 5/02/02</u> , or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal P/N: 3505188-9 Starter is installed
Carrier, Bearing	PMA80035-1	Allied-Signal P/N: 3503658-1	Test and Computations, per 14 CFR §21.303(c)4, <u>DWG. No</u> PMA80035, <u>Rev. --</u> , <u>Dated: 5/02/02</u> , or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal P/N: 3505188-9 Starter is installed

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Shaft, Clutch	PMA80036-2	Allied-Signal P/N: 3503662-2	Test and Computations, per 14 CFR §21.303(c)4, DWG. No PMA80036, Rev. --, Dated: 5/02/02, or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal P/N: 3505188-9 Starter is installed

-END OF LISTING-

NOTE: Provide minor design changes in a manner as determined by the ACO. Handle major design changes to drawings and specifications in the same manner as that for an original FAA-PMA. If TC holder's ICA applies to these replacement parts, provide a statement noting such. If not, provide supplementary ICA per 14 CFR § 21.50.



Melvin D. Taylor, Manager Atlanta
Aircraft Certification Office



Jim Reeves, Manager Atlanta
Manufacturing Inspection District Office