



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,

for  
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, DWG. No PMA80003, Rev. --, Dated: 5/02/02, 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, DWG. No PMA80005, 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, Slotted	PMA80006-3	Allied-Signal P/N: 3500297-3	Test and Computations, per 14 CFR §21.303(c)4, DWG. No PMA80006, Rev. --, Dated: 5/02/02, 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, DWG. No PMA80007, 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 Set, Planetary Spur	PMA80008-102	Allied-Signal P/N: 3500351-2	Test and Computations, per 14 CFR §21.303(c)4, DWG. No PMA80008, Rev. --, Dated: 5/02/02, or later FAA approved revisions	Bombardier	CL-600-2B19 When Allied Signal P/N: 3505188-9 Starter is installed

<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>
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

<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>
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

<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>
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