

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

PMA Products, Inc. (Formerly Causey Aviation)
6120 Smithwood Road
Liberty, NC 27298

PMA NO. PQ1146CE
SUPPLEMENT NO. 31R1
DATE: December 1, 1994 revised February 2, 2009

<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement For</u>	<u>FAA Approval Basis and Approved Design Data</u>	<u>Installation Eligibility: MAKE</u>	<u>Installation Eligibility: MODEL</u>
Block Assembly	CA3044	A3044 (Beechcraft)	Test and Computation per 14 CFR Part 21.303(c)(4), Dwg. CA3044, Initial Release, dated 10/26/94, or later FAA Approved Revision.	Beechcraft	A90 S/N LJ-114 thru -317; B90 S/N LJ-318 thru -501; C90 & C90A S/N LJ-502 and after; E90 S/N LW-1 thru -347; F90 S/N LA-2 and after; 100 S/N B2 thru B-89 and B-93; A100 S/N B-1, B-90 and after except B-93; 200; 200T; 200C; 200CT; B200 S/N BB-734, BB-793, BB-829, BB-854 thru -870, BB-874 thru -891, BB-894 thru -911, BB-913 thru -1430, BB-1440 thru-1443; B200T S/N BT-23 thru -27, BT-29 thru -34; B200C S/N BL-37 thru -138, B200CT S/N BN-2 thru BN-4; 99; 99A; A99A; B99; and C99 PT6A-60A, -65B, -65R, -65AR, and -65AG (Post S/B 13116).
Shim	CA3110998-01	3110998-01 (Pratt & Whitney)	Test and Computation per 14 CFR Part 21.303(c)(4), Dwg. CA3110998-01, Initial Release, dated 09/26/94, or later FAA Approved Revision.	Pratt & Whitney	
Gasket	CA16-A48	16-A48 (Precision Airmotive, installed on Precision Airmotive carburetor models MA-4-5, MA-4-5AA, MA-5, MA-5AA, MA-6, MA-6AA)	Test and Computation per 14 CFR Part 21.303(c)(4), per Engineering Report No. CA16-A48, Rev. 1, dated 07/26/94, or later FAA Approved Revision.	Precision Airmotive	Where used on Continental E165-2, E185-2, GO-300-A, -B, -C, -D, -E and -F; O-470-A, -J, -K, -L, -R, -S, -T and -U; Franklin 6AS-335-A and -B; 6A-350-C1, -C1A, -C2, -C2A, -D, -D1, -D1A and -D1B; 6A4-165-B3, -B4 and -B6; 6A4-200-C6; 6A8-215-B7F, -B8F and -B9F; 6VS-335-A, -B, -A1 and -B1; 6V-335-A1A, -A1B; 6V-350-A and -B; and Lycoming O-340-A1A, -A2A and -B1A; O-360-A1A, -A1AD, -A1D, -A1F, -A1F6, -A1F6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A3A, -A3AD, -A3D, -A4A, -A4AD, -A4D, -A4M,

<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement For</u>	<u>FAA Approval Basis and Approved Design Data</u>	<u>Eligibility: MAKE</u>	<u>Installation Eligibility: MODEL</u>
					-A4N, -A5AD, -B1A, -B1B, -B2A, -B2B, -C1A, -C1C, -C1E, -C1G, -C2A, -C2C, -C2E, -D1A, -D2A and -D2B; HO-360-A1A; VO-360-A1A, -A1B and -B1A; O-435-A, -A2, -B, -C1, -K, -K1 and -25; GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2C, -C2D, -C2E, and -D1; VO-435-A1A, -A1B, -A1C, -A1D, -A1E, -A1F and -B1A; TVO-435-A1A, -B1A, -B1B, -C1A, -D1A, -D1B, -E1A, -F1A, -G1A and -G1B; O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5 -B2A5, -B2B5, -B2C5, -B4A5, -B4B5, -D1A5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1A5, -H1A5D, -H1B5D, -H2A5, -H2A5D and -H2B5D; VO-540-B1A, -B1B, -B1B3, -B1C, -B1D, -B1E, -B1F, -B1H3, -B2A, -B2C, -B2D, -B2E, B2G, -C1A, -C1B, -C1C3, -C2A -C2B and -C2C; and TVO-540-A1A model engines

-----End of Listing-----

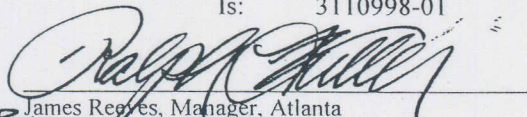
NOTES:

- 1) 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.
- 2) The FAA approved the ICA for the above parts with their designs. If the TC holder's ICA applies to these replacement parts, provide a statement noting such. If not, provide supplementary ICA per 14 CFR 21.50. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.

Revision R1: Corrected typo in Approved Replacement For column.

Was: A3110998-01

Is: 3110998-01



FOR James Reeves, Manager, Atlanta
Manufacturing Inspection District Office

PARTS MANUFACTURER APPROVAL NO. PQ1146CE
 PRODUCTION APPROVAL LISTING - SUPPLEMENT NO. 64


DATED MAY 10, 1999

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

PMA Products, Inc.
 6120 Smithwood Road
 Liberty, NC 27298

<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement for</u>	<u>FAA Approval Basis & Approved Design Data</u>	<u>Installation Eligibility</u>	<u>Model</u>
Block Assembly	CA3044	Beechcraft Corporation P/N A3044	21.303(c)(4) Test and Computation and PMA Drawing No. CA3044, Initial Release, dated 10/26/94 or Later FAA Approval	Beechcraft Corporation	A90 S/N LJ-114 thru LJ-317; B90 S/N LJ-318 thru LJ-501; C90 & C90A S/N LJ-502 and after; E90 S/N LW-1 thru LW-347; F90 S/N LA-2 and after; 100 S/N B-2 thru B-89 and B-93; A100 S/N B-1, B-90 and after except B-93; 200; 200T; 200C; 200CT; B200 S/N BB-734, BB-793, BB-829, BB-854 thru BB-870, BB-874 thru BB-891, BB-894 thru BB-911, BB-913, BB-1430, BB-1440, BB-1443; B200T S/N BT-23 thru BT-34; B200C S/N BL-37 thru BL-138; B200CT S/N BN-2 thru BN-4; 99; 99A; A99A; B99; C99; 300 & 300LW S/N FA-1 and after; B300 S/N FL-1 and after; B300C S/N FM-1 and after; 1900 S/N UA-1 and after; 1900C S/N UB-1 and after; 1900C S/N UC-1 and after; and 1900D S/N UE-1 and after

-END OF LISTING-


 Jim Reeves
 Manager, Atlanta Manufacturing
 Inspection District Office

PARTS MANUFACTURER APPROVAL NO. PQ1146CE

PRODUCTION APPROVAL LISTING - SUPPLEMENT NO. 78

DATED January 14, 2003

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

PMA Products, Inc.
6120 Smithwood Road
Liberty, N.C. 27298

<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement For</u>	<u>FAA Approval Basis & Approved Design Data</u>	<u>Installation Eligibility</u>	<u>Model</u>
Block Assembly	CA3026	Hartzel P/N A3026	Identicality per 14 CFR Part 21.303(c)4, Drawing CA3026, rev. IR dated 06-02-94, or later FAA approval.	Hartzel Propeller	HC-B3TN-3, -3A, -3B, -3C, -3D, -3DL, -3E, -3F, -3G, -3H, -3S, -3UL HC-B3TN-3AE, -3AF, -3K, -3M, -3N, -3P, -3Z HC-B3TN-3Y, -3AY, -3BY, -3CY, -3DY, -3DLY, -3EY, -3HY, -3SY HC-B3TN-3AEY, -3KY, -3MY, -3PY HC-B3TW-3, -3Y HC-B3MN-3 HC-B4MP-3, -3A, -3B, -3C HC-B4TN-3, 3A, -3B, -3C HC-B5MA-3, -3A, -3B, -3C, -3D, -3J, -3M HC-B5MP-3A, -3AL, -3C, -3D, -3F HC-D4N-3A, -3C, -3E, -3G, -3N, -3P, -3R, -3Q, -3T HC-E4A-3A, -3D, -3I, -3J/E10959P(B)

Block
Assembly

CA3044

Hartzell P/N
A3044

Identicality per 14 CFR Part
21.303(c)(4) Drawing CA3044, rev IR,
dated 10-26-94 or later FAA approval.

Hartzell
Propeller

,K) and -
3J/E10950PC(
B,K)
HC-E4N-3, -
3I, -3Q, -3G, -
3H, -3N, -3M
HC-E5N-3, -
3L, -3A, -3AL.
HC-B3TN-3, -
3A, -3B, -3C, -
3D, -3DL, -3E,
-3F, -3G, -3H,
-3S, -3UL
HC-B3TN-
3AE, -3AF, -
3K, -3M, -3N,
-3P, -3Z
HC-B3TN-
3Y, -3AY, -
3BY, -3CY, -
3DY, -3DLY,
-3EY, -3HY, -
3SY
HC-B3TN-
3AEY, -3KY,
-3MY, -3PY
HC-B3TW-3, -
3Y
HC-B3MN-3
HC-B4MP-3, -
3A, -3B, -3C
HC-B4TN-3,
3A, -3B, -3C
HC-B5MA-3,
-3A, -3B, -3C,
-3D, -3J, -3M
HC-B5MP-3A,
-3AL, -3C, -
3D, -3F
HC-D4N-3A, -
3C, -3E, -3G, -
3N, -3P, -3R, -
3Q, -3T
HC-E4A-3A, -
3I, -
3J/E10959P(B
,K) and -
3J/E10950PC(
BK)
HC-E4N-3, -
3I, -3Q, -3G, -
3H, -3N, -3M
HC-E5N-3, -
3L, -3A, -3AL.

-END OF LISTING-

NOTE: Minor design changes (reference 14 CFR Part 21 §§ 21.93 and 21.95) must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR Part 21 §§ 21.93 and 21.97) to drawings and specifications are to be handled in the same manner as that for an original FAA-PMA.



~~FCT~~ Jim Reeves
Manager, Atlanta Manufacturing
Inspection District Office