



U.S. Department
of Transportation
**Federal Aviation
Administration**

Engine and Propeller Directorate

Manufacturing Inspection District Office -46
7150 Republic Airport, Suite 236
Farmingdale, NY 11735-3999
(631) 694-8420, Fax: (631) 694-8424

April 26, 2011

Mr. Martyn J. Goodwin
General Manager & VP Engineering
Cambridge Manufacturing
1700 Jericho Turnpike
New Hyde Park, New York 11040

Dear Mr. Goodwin:

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

In accordance with the provisions of Title 14, Code of Federal Regulations (14 CFR), part 21, Certification Procedures for Products, Articles, and Parts, subpart K, the FAA has found that the design data, based on test and computation submitted by Cambridge Manufacturing, with your letter dated December 15, 2010, meet the airworthiness requirements of the regulations applicable to the products on which the articles are to be installed. Additionally, the FAA has determined that Cambridge Manufacturing, has established the quality system required by § 21.307 at 1700 Jericho Turnpike, New Hyde Park, New York 11040. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 127.

You are reminded that the provisions of 14 CFR, parts 21 and 45, noted in our PMA letter of approval dated April 13, 1999, also apply to the enclosed PMA Listing-Supplement No. 127. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

for Elizabeth C. Campbell
Manager, Manufacturing Inspection
District Office-46

Enclosure
PMA Listing-Supplement No. 127

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Cambridge Manufacturing LLC
 1700 Jericho Turnpike
 New Hyde Park
 NY 11040

PMA No.: PQ1090NE

Supplement No.: 127

Date: April 26, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Spherical Bearing	CMGA66995-100	Messier-Dowty P/N: GA66995-100	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> CMGA66995-100 <u>Rev:</u> F <u>Dated:</u> 11/07/2010 or later FAA - approved revisions	Airbus	A318 Model -111 A318 Model -112 A318 Model -121 A318 Model -122 A319 Model -111 A319 Model -112 A319 Model -113 A319 Model -114 A319 Model -115 A319 Model -131 A319 Model -132 A319 Model -133 A320 Model -111 A320 Model -211 A320 Model -212 A320 Model -214 A320 Model -231 A320 Model -232 A320 Model -233 A321 Model -111 A321 Model -112 A321 Model -131 A321 Model -211 A321 Model -212 A321 Model -213 A321 Model -231 A321 Model -232
Bushing, Plain	CMKJB246904B	Boeing P/N: KJB246904B	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> CMKJB246904B <u>Rev:</u> C <u>Dated:</u> 10/18/2010 or later FAA - approved revisions	The Boeing Company	737-600 Series 737-700 Series 737-700C Series 737-800 Series 737-900 Series 737-900ER Series 757-200 Series 757-200CB Series 757-200PF Series 757-300 Series 777F Series 777-200 Series 777-200LR Series 777-300 Series 777-300ER Series

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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Lined Journal Bushing	CMKRJ7-UDSB-008	ELEB P/N: KRJ7-UDSB-008	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> CMKRJX-UDSB-XXX <u>Rev:</u> B <u>Dated:</u> 10/18/2010 or later FAA - approved revisions	Empresa Brasileira de Aeronautica S.A. (Embraer)	EMB-135BJ EMB-135ER EMB-135KE EMB-135KL EMB-135LR EMB-145 EMB-145ER EMB-145EP EMB-145LR EMB-145MP EMB-145MR EMB-145XR
Lined Journal Bushing	CMKRJ8-UDSB-012	ELEB P/N: KRJ8-UDSB-012	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> CMKRJX-UDSB-XXX <u>Rev:</u> B <u>Dated:</u> 10/18/2010 or later FAA - approved revisions	Empresa Brasileira de Aeronautica S.A. (Embraer)	EMB-135BJ EMB-135ER EMB-135KE EMB-135KL EMB-135LR EMB-145 EMB-145ER EMB-145EP EMB-145LR EMB-145MP EMB-145MR EMB-145XR
Ball Bearing	CMX11375	Hamilton-Sundstrand P/N's: X11375 4900288 5902765	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> CMX11375 <u>Rev:</u> D <u>Dated:</u> 09/17/2010 or later FAA - approved revisions	The Boeing Company	707-100 Long Body 707-100B Long Body 707-100B Short Body 707-200 707-300 Series 707-300B Series 707-300C Series 707-400 Series 720, 720B 727 Series 727C Series 727-100 Series 727-100C Series 727-200 Series 727-200F Series 737-100 Series 737-200 Series 737-200C Series 737-300 Series 737-400 Series 737-500 Series

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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
					747SR Series 747SP Series 747-100 Series 747-100B Series 747-100B SUD Series 747-200B Series 747-200C Series 747-200F Series 747-300 Series 747-400 Series 747-400D Series 747-400F Series
					767-200 Series 767-300 Series 767-300F Series
					777F Series 777-200 Series 777-200LR Series 777-300 Series 777-300ER series

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

- Note:
- 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 ICA for the above parts with their designs. These ICA may refer to those of the respective parts from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement parts. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.

for 
 Anthony Socias
 Manager, New York Aircraft Certification Office ANE-170
 Westbury, NY

for 
 Elizabeth Campbell
 Manager, Manufacturing Inspection District Office – ANE-MIDO-46
 Farmingdale, NY