



U.S. Department
of Transportation

**Federal Aviation
Administration**

Small Airplane Directorate
Manufacturing Inspection District Office
5950 Hazeltine National Drive, Rm 405
Orlando, Florida 32822
Telephone: (407) 855-9050

November 28, 2012

Mr. Charlie Duffie
CJ Aviation
12215 SW 131 Ave
Miami, Florida 33816

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 CJ Aviation with your letter dated August 6, 2012, meets the airworthiness requirements of the regulations applicable to the products on which the articles are to be installed. Additionally, the FAA has determined that Seal Dynamics has established the quality system required by § 21.307 at 12215 SW 131 Ave, Miami Florida. Accordingly Parts Manufacture Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No 8 R1.

You are reminded that the provisions of 14 CFR, Parts 21 and 45, noted in our PMA letter of approval dated December 4, 1998, also apply to the enclosed PMA listing-Supplement No 8 R1. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the parts concerned.

Sincerely,

A handwritten signature in black ink, appearing to read "Mack Riley", written over a large, stylized flourish.

Mack Riley
Manager, Orlando MIDO

Enclosure
PMA Listing -Supplement No. 8 R1



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FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

C J Aviation, Inc.
12215 SW 131 Ave
Miami, FL 33186

PMA NO.: PQ1607CE
SUPPLEMENT NO.: 8 R1
DATE: November 16, 2012

Article Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Fuel Pump 14Volt	1184-00-3CJ	Dukes P/N 1184-00-1, 1184-00-3	Test and Computations per 14 CFR § 21.303 DWG No: 1184-00-3CJ shts 1-2 Rev: B Dated: 7/06/2011 or later FAA approved revision	Maule Aerospace Technology	M-4-220, M-4-180V, M-5-180C, M-5-200, M-5-220TC, M-5-220, M-5-235C, M-6-180, M-6-235, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, M-8-235, MT-7-235, MT-7-260, M-7-235, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, MXT-7-160, MXT-7-180, MXT-7-180A, M-7-420A, MT-7-420A, M-7-420AC With O-320, O-360, O-540 ENGINES
Fuel Pump 28Volt	1296-00-1NVCJ	Dukes P/N 1296-00-1NV	Test and Computations per 14 CFR § 21.303 DWG No: 12960-00-1NVCJ shts 1-2 Rev: B Dated: 7/06/2011 or later FAA approved revision	Hawker Beechcraft Corp.	V35, V35A, 36, F33A, F33C,

Fuel Pump 14Volt	1471-00-3CJ	Dukes P/N 1471-00-1 1471-00-3	Test and Computations per 14 CFR § 21.303 DWG No: 1471-00-3CJ shts 1-2 Rev: B Dated: 7/06/2011 or later FAA approved revision	Maule Aerospace Technology	M-4-220, M-4-180, M-4-180V, M-5-180C, M-5-200, M-5-220TC, M-5-220, M-5-235C, M-6-180, M-6-235, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, M-8-235, MT-7-235, MT-7-260, M-7-235, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, MXT-7-160, MXT-7-180, MXT-7-180A, M-7-420A, MT-7-420A, M-7-420AC With IO-540 ENGINES
Fuel Pump 14Volt	4140-00-7NVCJ	Dukes P/N 4140-00-7 4140-00-7NV	Test and Computations per 14 CFR § 21.303 DWG No: 4140-00-7NVCJ shts 1-2 Rev: B Dated: 7/06/2011 or later FAA approved revision	Hawker Beechcraft Corp.	35-C33, E33, F33
Fuel Pump 28Volt	4140-00-15CJ	Dukes P/N 4140-00-15 Cessna P/N C291504-0201	Test and Computations per 14 CFR § 21.303 DWG No: 4140-00-15CJ shts 1-2 Rev: B Dated: 07/06/2011 or later FAA approved revision	Cessna Aircraft Company	172, 182, 182R, 188, 206, 207, 210, 310, 320, 340, 340A, 401, 401A, 401B, 402, 402A, 402B, 411, 411A, 414, 421, 421A, 421B
Fuel Pump 14Volt	4140-00-17CJ	Dukes P/N 4140-00-17 Cessna P/N C291504-0101	Test and Computations per 14 CFR § 21.303 DWG No: 4140-00-17CJ shts 1-2 Rev: B Dated: 07/06/2011 or later FAA approved revision	Cessna Aircraft Company	172, 182R, 182, 188, 206, 207, 210
Fuel Pump 14Volt	4140-00-17NCJ	Dukes P/N 4140-00-17N	Test and Computations per 14 CFR § 21.303 DWG No: 4140-00-17NCJ shts 1-2 Rev: B Dated: 7/06/2011 or later FAA approved revision	Sierra Hotel Aero, Inc	Navion H with IO-520-B or IO-520-BA Engines

Fuel Pump 14Volt	4140-00-19ACJ	Dukes P/N 4140-00-19A	Test and Computations per 14 CFR § 21.303 DWG No: 4140-00-19ACJ shts 1-2 Rev: B Dated: 7/06/2011 or later FAA approved revision	Mooney Aviation Company, Revo Inc (formerly Lake Aircraft)	M20E, M20F, M20J, M20K LA-4-200
Fuel Pump 14Volt	4140-00-21ACJ	Dukes P/N 4140-00-21A	Test and Computations per 14 CFR § 21.303 DWG No:4140-00-21ACJ shts 1-2 Rev: B Dated: 7/06/2011 or later FAA approved revision	Mooney Aviation Company	M20D, M20E, M20G
Fuel Pump 14Volt	4140-00-39NVCJ	Dukes P/N 4140-00-39NV	Test and Computations per 14 CFR § 21.303 DWG No: 4140-00-39NVCJ shts 1-2 Rev: B Dated: 7/06/2011 or later FAA approved revision	Hawker Beechcraft Corp.	S35, V35, 35-C33A C33A, E33A, E33C, 36, F33A, F33C, G33
Fuel Pump 14Volt	4140-00-57CJ	Dukes P/N 4140-00-57	Test and Computations per 14 CFR § 21.303 DWG No: 4140-00-57CJ shts 1-2 Rev: B Dated: 7/06/2011 or later FAA approved revision	Maule Aerospace Technology	M-4, M-5, with Franklin 6A-300 Series Engines
Fuel Pump 28Volt	4140-00-153CJ	Dukes P/N 4140-00-153	Test and Computations per 14 CFR § 21.303 DWG No: 4140-00-153CJ shts 1-2 Rev: B Dated: 7/06/2011 or later FAA approved revision	Cessna Aircraft Company	340, 340A, 401, 401A,401B, 402, 402A,402B, 411, 411A,421, 421A, 421B
Fuel Pump 14Volt	4258-00-15NVCJ	Dukes P/N 4258-00-15NV	Test and Computations per 14 CFR § 21.303 DWG No: 4258-00-15NVCJ shts 1-2 Rev: B Dated: 7/06/2011 or later FAA approved revision	Hawker Beechcraft Corp.	36

Fuel Pump 28Volt	4404-00-7NVCJ	Dukes P/N 4404-00-7NV	Test and Computations per 14 CFR § 21.303 DWG No: 4404-00-7NVCJ shts 1-2 Rev: B Dated: 07/06/2011 or later FAA approved revision	Hawker Beechcraft Corp.	B55, E55, 58
Fuel Pump 28Volt	4613-00-3NVCJ	Dukes P/N 4613-00-3 4613-00-3NV	Test and Computations per 14 CFR § 21.303 DWG No: 4613-00-3NVCJ shts 1-2 Rev: B Dated: 7/06/2011 or later FAA approved revision	Hawker Beechcraft Corp.	36, A36, G36
Fuel Pump 28Volt	4613-00-5NVCJ	Dukes P/N 4613-00-5 4613-00-5NV	Test and Computations per 14 CFR § 21.303 DWG No: 4613-00-5NVCJ shts 1-2 Rev: B Dated: 7/06/2011 or later FAA approved revision	Hawker Beechcraft Corp.	36, A36, G36
Fuel Pump 28Volt	5100-00-4CJ	Dukes P/N 5100-00-1 5100-00-3 5100-00-4	Test and Computations per 14 CFR § 21.303 DWG No: 5100-00-4CJ shts 1-2 Rev: B Dated: 7/06/2011 or later FAA approved revision	Cessna Aircraft Company	172, 172S
Fuel Pump 28Volt	5100-00-9CJ	Dukes P/N 5100-00-9	Test and Computations per 14 CFR § 21.303 DWG No: 5100-00-9CJ shts 1-2 Rev: B Dated: 7/06/2011 or later FAA approved revision	Diamond Aircraft Industries	DA40, DA40F, DA42
Fuel Pump 14Volt	4140-00-400CJ	Dukes P/N 4140-00-400	Test and Computations per 14 CFR § 21.303 DWG No: 4140-00-400CJ shts 1-2 Rev: B Dated: 7/06/2011 or later FAA approved revision	Maule Aerospace Technology	M-4-220, M-4-180, M-4-180V, M-5-180C, M-5-200, M-5-220TC, M-5-220, M-5-235C, M-6-180,

M-6-235,
MX-7-180,
MX-7-
180A, MX-
7-180B,
MX-7-180C,
MX-7-
180AC,
MX-7-235,
M-8-235,
MT-7-235,
MT-7-260,
M-7-235,
M-7-235A,
M-7-235B,
M-7-235C,
M-7-260,
M-7-260C,
MXT-7-160,
MXT-7-180,
MXT-7-
180A, M-7-
420A, MT-
7-420A, M-
7-420AC
With O-320,
O-360, O-
540
ENGINES

Fuel
Pump
28 Volt

4140-00-401CJ

Dukes
P/N 4140-00-401

Test and Computations per 14
CFR § 21.303
DWG No: 4140-00-401CJ shts
1-2
Rev: B
Dated: 7/06/2011 or later FAA
approved revision

Maule
Aerospace
Technology

M-4-220,
M-4-180,
M-4-180V,
M-5-180C,
M-5-200,
M-5-220TC,
M-5-220,
M-5-235C,
M-6-180,
M-6-235,
MX-7-180,
MX-7-
180A, MX-
7-180B,
MX-7-180C,
MX-7-
180AC,
MX-7-235,
M-8-235,
MT-7-235,
MT-7-260,
M-7-235,
M-7-235A,
M-7-235B,
M-7-235C,
M-7-260,

M-7-260C,
MXT-7-160,
MXT-7-180,
MXT-7-
180A, M-7-
420A, MT-
7-420A, M-
7-420AC
With IO-540
ENGINES

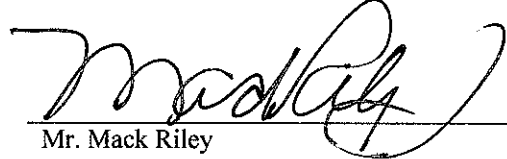
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Note:

- 1) Provide minor design changes in a manner a determined by the ACO. Handle major changes to drawings and specifications in the same manner as that for an original FAA-PMA.
- 2) The FAA approved ICA for the above articles with their designs. These ICA may refer to those of the respective articles from the holders of type certificates. Otherwise, provide supplemental ICA for the differences in the replacement articles. Make referral statements or supplemental ICA readily available per 14 CFR § 21.50.



Melvin Taylor
Manager,
Atlanta Aircraft Certification Office



Mr. Mack Riley
Manager, Manufacturing Inspection
District Office – Orlando MIDO CE-44