



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

Small Airplane Directorate
Kansas City, Manufacturing Inspection
District Office (MIDO)
901 Locust Street, Room 376
Kansas City, MO 64106-2641
Tel: 816-329-4190 Fax: 816-329-4195

September 9, 2008

Ron Wilkinson
Aviation Products Systems, Inc.
3701 Hwy 162
Granite City, IL 62040

Project No. PQ3830CE

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Per 14 CFR Part 21, Subpart K, we found design data submitted with your letter dated December 20, 2007 to meet the airworthiness requirements of the regulations for the products on which the parts are to be installed. We based our findings on 1) Identity and 2) Test and Computation. Also, we determined that your company set up the fabrication inspection system at 3701 Hwy 162, Granite City, IL 62040, as required by 14 CFR § 21.303(h). Therefore, we grant Parts Manufacturing Approval (PMA), which authorizes you to produce the replacement parts in the enclosed PMA Supplement No 10.

We remind you that the provisions of 14 CFR, noted in our PMA letter of approval dated May 8, 2002, also apply to the enclosed PMA Listing-Supplement No. 10.

Please keep the enclosed supplement with the original PMA letter as evidence of approval to produce the parts concerned.

Sincerely,

John Kolin
Aviation Safety Inspector
Kansas City Manufacturing Inspection District Office

Enclosure

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Aviation Products Systems, Inc
3701 Highway 162
Granite City, IL 62040

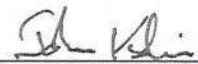
PMA No: PQ3830CE
Supplement No. 10
Date: September 9, 2008

<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement For Part NO.</u>	<u>Approval Basis and Approved Design Data</u>	<u>MAKE Eligibility:</u>	<u>MODEL Eligibility:</u>
Brake Disc	APS164-01100	Parker Hannifin 164-01100	Test and Computations per 14CFR § 21.303 Drawing: APS164-01100 Rev: A Dated: 07/28/07 Or later FAA approved revision.	Allied AG- CAT Productions American Champion Aircraft Corp Pacific Aerospace Limited	G-164 8GCBC FU24-954 FU24A-954
Brake Disc	APS164-06506	Parker Hannifin 164-06506	Test and Computations per 14CFR § 21.303 Drawing: APS164-06506 Rev: - Dated: 3/13/06 Or later FAA approved revision.	Raytheon Aircraft	T-34C
Brake Disc	APS164-08200	Parker Hannifin 164-08200	Test and Computations per 14CFR § 21.303 Drawing: APS164-08200 Rev: - Dated: 4/19/04 Or later FAA approved revision.	Aerospace Technology of Australia Pty Ltd	N24A
Brake Disc	APS164-08300	Parker Hannifin 164-08300	Test and Computations per 14CFR § 21.303 Drawing: APS164-08300 Rev: - Dated: 4/19/04 Or later FAA approved revision.	Aerospace Technology of Australia Pty Ltd	N22B

Brake Disc	APS164-20500	Parker Hannifin 164-20500	Test and Computations per 14CFR § 21.303 Drawing: APS164-20500 Rev: A Dated: 12/04/04 Or later FAA approved revision.	Vulcanair S.p.A (formerly Partenavia)	AP68TP300
Brake Disc	APS164-24500	Parker Hannifin 164-24500	Test and Computations per 14CFR § 21.303 Drawing: APS164-24500 Rev: - Dated: 02/03/05 Or later FAA approved revision.	Revo Inc (formerly Lake)	LA-250, LA-250 Turbo as modified by STC SA469NE
Brake Disc	APS164-A1634B	AVPRO 175-A1634B Appalachian AA- 86 and 75-86 Gerdes A-1634-B	Test and Computations per 14CFR § 21.303 Drawing: APS164-A1634B Rev: A Dated: 7/09/07 Or later FAA approved revision.	Revo Inc (formerly Lake)	LA-4 series LA-4-200

-----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 14CFR § 21.50.



for Michael M. Alberts,
Manager, Kansas City,
Manufacturing Inspection District Office

September 9, 2008

Date: