



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

January 28, 2014

Project No. PQ3732CE

Mr. Dana Yarnell  
Quality Manager  
McFarlane Aviation, Inc.  
696 E. 1700 Road  
Baldwin City, KS 66006

**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 and Parts, subpart K, the FAA has found that the design data, based on STC submitted by McFarlane Aviation, Inc., with your letter dated January 24, 2014, 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 McFarlane Aviation, Inc., has established the quality system required by § 21.307 at 696 E. 1700 Road, Baldwin City, KS 66006. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed **Supplement No.72**.

You are reminded that the provisions of 14 CFR, Parts 21 and 45, noted in our PMA Letter of Approval dated September 3, 1993, also applies to the enclosed PMA Listing-**Supplement No.72**.

The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the parts concerned.

Sincerely,

Edward J. Mehrhoff  
Aviation Safety Inspector  
Kansas City, MIDO

Enclosure



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

**FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL**

**McFarlane Aviation Inc.**  
696 E 1700 Road  
Baldwin City, KS 66006

**PMA No: PQ3732CE**  
**Supplement No 72**  
**Date: January 28, 2014**

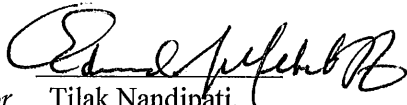
<u>Article Name</u>	<u>Part Number</u>	<u>Approved Replacement For Part No.</u>	<u>Approval Basis and Approved Design Data</u>	<u>MAKE Eligibility:</u>	<u>MODEL Eligibility:</u>
Prop-Guard	FP1001	Modification Part	STC: SP00582NY Installation of Prop-Guard Polyurethane Protective Tape on the leading edge of metal propellers in accordance with the instructions contained in Prop-Guard Installation Instructions, Document No. FP1001-CS1002, Rev B, dated June 3, 1999.	McCauley	1C160; 1C172; 1A103/TCM; 1B235; 1P235; 1A230; 1C235; 1A200; 1B200; 1C200; 1D200; 1A100; 1A101; 1A102; 1A105; 1A106; 1A90; 1B90; 1C90; 1A135; 1A280/SEM; 1A170; 1A175; 1B175
				Sensenich	69CK; 72CK; 72CC; 70CM6; 70CM7; 74CK; 76AK-2; 76AM6-2; 74DM6; 74DM7; 74DR; 74DC; 76EM8; 80BM8
				Univair Aircraft Corp.	F1A76; F1C76
Prop-Guard	CS1002	Modification Part	STC: SP00582NY Installation of Prop-Guard Polyurethane Protective Tape on the leading edge of metal propellers in accordance with the instructions contained in Prop-Guard Installation Instructions, Document No. FP1001-CS1002, Rev B, dated June 3, 1999.	Beech Aircraft Corp	215; 272; 278; 279; B200; R201; R202; R203
				Centrum Naukowo-Produkcyjne Samolotow Lekkich-Cnpsl	AW-2
				Curtiss Wright Corp. Curtiss Div.	C543S; C543S Military Propeller; C632S; C634D; C634S; C644S
				Dowty Rotal Limited	R-/4-20-4/; R-/4-30-4/; R-/4-40-4.5/-; R-/3-20-3/-; CR 289/3-110-F/1; CR 289/3-110-F/11; CR 289/3-110-F/12; R.306; R.321; R.324; R.333; R.334
				Hamilton Standard Div.	2B; 2D; 2E; 3D; 3E; 12D; 22D; 23D; 23E; 23F; 23LF; 24D; 24E; 33D; 33E; 33LF; 34D; 34E; 43D; 43E; 43H; 54H; 63E; 232; 242; Aeroproducts A6341FN; Aeroproducts A6441FN
Hartzell Propeller Inc.	HA-B3Z; HA-12U; HC-A2X; BHC-A2X; HC-A3X; PHC-A3X; HC-B3P; HC-B3M; HC-B3T; HC-B3Z; HC-C2Y; BHC-C2Y; CHC-C2Y; DHC-				

<u>Article 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>
					C2Y; HC-A3V; PHC-A3V; EHC-A3V; HC-C3Y; HC-E2Y; DHC-E2Y; HC-E3Y; HC-13Y; PHC-13Y; HC-12X; HC-13X; HC-42XF; HC-52X20; HC-82X; HC-83X; HC-92W; BHC-92W; HC-92Z; BHC-92Z; HC-93Z; HC-112Y; HC-12Y; BHC-12Y; EHC-L3Y; PHC-L3Y; HC-M2Y; HC-12V; HC-D2V; HC-D3V; HC-D4N; HC-D4P; HC-E4A; HC-E4N; HC-F4P; HC-B4M; HC-B4T; HC-C4Y; HC-F4Y; HC-F2Y; HC-G3YF; HC-A6A; HC-B5M; BHC-J2Y; BHC-L2Y; HC-L2Y; HC-D3F; HC-E5; HC-J3Y; PHC-J3Y
				Hawker Siddeley Dynamics	PD-/212/; PD-/4N6/; PD-/466/; PD-/312/; PD-/323/; PD-/476/
				McCaughey Accessories Division	1A110; C-1000; D-1093; MAC20 41D5926; 2C36; 2A31C; B2A31C; 2A34C; D2A34C; E2A34C; C2A34C; F2A34C; 2A36; B2A36; C2A36; D2A36; 2AF31C; 2AF34C; D2AF34C; 2AF36C; D2AF36C; 2B36; 2D34C; B2D34C; B2D37C; 2D34CT; B2D34CT; 2D36; 2DF36C; 2E34C; D3A32C; 3A32C; 3A32C(4XX); D3A32C(4XX); D3A34C(4XX); D3A36C(4XX); 3AF32C; 3AF34C; D3AF32C; 3AF32C(5-); 3AF34C(5-); 3AF36C(5-); 3AF37C(5-); 3FF32C; 3GFR34C; B3D32C; B3D34C; B3D36C; C3D36C; 3GFR34C(700); 4HFR34C(6-); 4HFR34C(7-); 4JFR34C(7-); 5JFR36C(10-); B5JFR36C(11-); C5JFR36C(11-)
				Panstwowe Zaklady Lotnicze	US-133000
				Ratier-Figeac	FH76; FH146
				Schweizer Aircraft Corp.	J-5404/MA96K; SR-5404/MA96K; SR-5404R/MA96K
				TRW Hartzell Propeller	HA-B3P; HC-B3W; BHC-B3W; HC-B4W; HC-D2X; HC-D3X; HC-82V; HC-83V; HC-A2V; BHC-A2V; HC-B3R; HC-F3Y; HC-H3Y; HA-A2V
				Univair Aircraft Corporation	F12; FH250

<u>Article 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>
				Western Propeller Repair	W2-1-9'-0"
				Wytownia Sprzetu Komunikacyjnego	US-132000/A

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

**Note:** The procedures that have been accepted by the type certificate or TSO authorization holder and their cognizant FAA Aircraft Certification Office, for minor changes to original articles used on type-certificated products, are also acceptable for incorporating the same minor changes on identical PMA replacement articles. The PMA holder must be able to show traceability relating to the TC, STC, or TSO authorization holder on all minor changes incorporated by this procedure. When these procedures are no longer applicable because of completion of the production contract, or termination of the licensing agreement or business relationship, all subsequent minor design changes to the PMA articles must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR §21.319) to drawings and specifications are to be handled in the same manner as that for an original PMA.



for Tilak Nandipati,  
 Manager, Kansas City,  
 Manufacturing Inspection District Office

January 28, 2014

Date: \_\_\_\_\_