

United States of America  
Department of Transportation -- Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SP00582NY

*This certificate issued to* McFarlane Aviation, Inc.  
696 E. 1700 Road  
Baldwin City, KS 66006

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 35 of the Federal Aviation Regulations.*

*Original Product -- Type Certificate Number:* See Attached Approved Model List (AML)  
*Make:* See Attached Approved Model List (AML)  
*Model:* See Attached Approved Model List (AML)

*Description of Type Design Change:*

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.

*Limitations and Conditions:*

1. The installer must determine whether this design change is compatible with previously approved modifications.
2. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

(See continuation sheet 2 of 2)

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* April 05, 1996

*Date reissued:* May 23, 2013

*Date of issuance:* March 10, 1997

*Date amended:* August 13, 1999; May 01, 2001



*By direction of the Administrator*

*Michel Mauerer*  
(Signature)  
Gaetano Sciortino  
Manager  
New York Aircraft Certification Office

(Title)

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of the Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

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## TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number \_\_\_\_\_

to *(Name of transferee)* \_\_\_\_\_

*(Address of transferee)* \_\_\_\_\_

*(Number and street)*

\_\_\_\_\_  
*(City, State, and ZIP code)*

from *(Name of grantor)**(Print or type)*: \_\_\_\_\_

*(Address of grantor)*: \_\_\_\_\_

*(Number & street)*

\_\_\_\_\_  
*(City, State, and ZIP code)*

Extent of Authority (if licensing agreement): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date of Transfer: \_\_\_\_\_

Signature of grantor *(In ink)*: \_\_\_\_\_

# Supplemental Type Certificate

(Continuation Sheet)

*Number* SP00582NY

Date of Reissuance: May 23, 2013

*Limitations and Conditions* (Continued):

3. The FAA has determined that the installation of Prop-Guard laminate in accordance with this STC is a minor alteration because it does not appreciably affect the weight, balance, structural strength, performance, powerplant operation, flight characteristics, or other qualities of the propeller that affect airworthiness, and it may be done according to accepted practices that involve only elementary operations. Accordingly, the installation of Prop-Guard laminate may be performed by a certificated mechanic under sections 65.81 and 65.87 of the Federal Aviation Regulations (14 CFR 65.81 and 65.87), and does not require the completion of a Form 337 under section 43.9 of the Federal Aviation Regulations (14 CFR 43.9).

----- **END** -----



PROP-GUARD AEROSPACE, INC. STC SP00582NY

APPROVED MODEL LIST (AML)

INSTALLATION OF POLYURETHANE PROPELLER TAPE

ITEM	PROPELLER MAKE	PROPELLER MODEL (SERIES)	ORIGINAL TYPE CERTIFICATE	AML AMENDMENT DATE
1	Sensenich	69CK, 72CK, 72CC	P904	N/A
2	Sensenich	70CM6, 70CM7	P28NE	N/A
3	Sensenich	74CK, 76AK-2, 76AM6-2	1P2	N/A
4	Sensenich	74DM6, 74DM7, 74DR, 74DC	P886	N/A
5	Sensenich	76EM8	P4EA	N/A
6	Sensenich	80BM8	P17EA	N/A
7	Univair	F1A76, F1C76	P1SO	N/A
8	McCauley	1C160, 1C172	P-910	N/A
9	McCauley	1A103/TCM	P50GL	N/A
10	McCauley	1B235, 1P235, 1A230, 1C235	P12EA	N/A
11	McCauley	1A200, 1B200, 1C200, 1D200	P-874	N/A
12	McCauley	1A100, 1A101, 1A102, 1A105, 1A106	P-918	N/A
13	McCauley	1A90, 1B90, 1C90, 1A135	P-842	N/A
14	McCauley	1A280/SEM	P13EA	N/A
15	McCauley	1A170, 1A175, 1B175	P-857	N/A
16	Beech Aircraft Corporation	215	P-873	01/21/98
17	Beech Aircraft Corporation	272	P-879	01/21/98
18	Beech Aircraft Corporation	278	P-882	01/21/98
19	Beech Aircraft Corporation	279	P-885	01/21/98
20	Beech Aircraft Corporation	B200	P-867	01/21/98
21	Beech Aircraft Corporation	R201, R202, R203	P-807	01/21/98
22	Centrum Naukowo-Produkcyjne Samolotow Lekkich-Cnpsl	AW-2	P9EU	01/21/98
23	Curtiss Wright Corp. Curtiss Div.	C543S	791	01/21/98

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ITEM	PROPELLER MAKE	PROPELLER MODEL (SERIES)	ORIGINAL TYPE CERTIFICATE	AML AMENDMENT DATE
24	Curtiss Wright Corp.	C543S Military Propeller	Group 3-6	01/21/98
25	Curtiss Wright Corp.	C632S	P-847	01/21/98
26	Curtiss Wright Corp.	C634D	P-883	01/21/98
27	Curtiss Wright Corp.	C634S	P-825	01/21/98
28	Curtiss Wright Corp.	C644S	P-826	01/21/98
29	Dowty Rotol Limited	© R-/4-20-4/	P-890	01/21/98
30	Dowty Rotol Limited	© R-/4-30-4/	P-899	01/21/98
31	Dowty Rotol Limited	© R-/4-40-4.5/-	P2EU	01/21/98
32	Dowty Rotol Limited	© R-/3-20-3/-	P4EU	01/21/98
33	Dowty Rotol Limited	CR 289/3-110-F/1,-F/11,-F/12	P6EU	01/21/98
34	Dowty Rotol Limited	© R.306	P8EU	01/21/98
35	Dowty Rotol Limited	© R.321 R.324 R.333 R.334	P61GL	01/21/98
36	Hamilton Standard Div.	2B	P-255	01/21/98
37	Hamilton Standard Div.	2D	P-206	01/21/98
38	Hamilton Standard Div.	2E	377	01/21/98
39	Hamilton Standard Div.	3D	249	01/21/98
40	Hamilton Standard Div.	3E	246	01/21/98
41	Hamilton Standard Div.	12D	P-257	01/21/98
42	Hamilton Standard Div.	22D	P-736	01/21/98
43	Hamilton Standard Div.	23D	P-719	01/21/98
44	Hamilton Standard Div.	23E	P-603	01/21/98
45	Hamilton Standard Div.	23F	764	01/21/98
46	Hamilton Standard Div.	23LF	P26EA	01/21/98

PROP-GUARD AEROSPACE, INC. STC SP00582NY

APPROVED MODEL LIST (AML)

INSTALLATION OF POLYURETHANE PROPELLER TAPE

ITEM	PROPELLER MAKE	PROPELLER MODEL (SERIES)	ORIGINAL TYPE CERTIFICATE	AML AMENDMENT DATE
47	Hamilton Standard Div.	24D	P-784	01/21/98
48	Hamilton Standard Div.	24E	P-785	01/21/98
49	Hamilton Standard Div.	33D	P-749	01/21/98
50	Hamilton Standard Div.	33E	P-786	01/21/98
51	Hamilton Standard Div.	33LF	P20EA	01/21/98
52	Hamilton Standard Div.	34D	P-856	01/21/98
53	Hamilton Standard Div.	34E	P-881	01/21/98
54	Hamilton Standard Div.	43D	P-851	01/21/98
55	Hamilton Standard Div.	43E	P-871	01/21/98
56	Hamilton Standard Div.	43H	P-887	01/21/98
57	Hamilton Standard Div.	54H	P-906	01/21/98
58	Hamilton Standard Div.	63E	P19EA	01/21/98
59	Hamilton Standard Div.	232	P-853	01/21/98
60	Hamilton Standard Div.	242	P-870	01/21/98
61	Hamilton Standard Div.	Aeroproducts A6341FN	P-894	01/21/98
62	Hamilton Standard Div.	Aeroproducts A6441FN	P-898	01/21/98
63	Hartzell Propeller Inc.	HA-B3Z	P-914	01/21/98
64	Hartzell Propeller Inc.	HA-12U	P-824	01/21/98
65	Hartzell Propeller Inc.	HC-A2X, BHC-A2X	P-908	01/21/98
66	Hartzell Propeller Inc.	HC-A3X, PHC-A3X	P-913	01/21/98
67	Hartzell Propeller Inc.	HC-B3P	P-29EA	01/21/98
68	Hartzell Propeller Inc.	HC-B3M	P9NE	01/21/98
69	Hartzell Propeller Inc.	HC-B3T	P15EA	01/21/98

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ITEM	PROPELLER MAKE	PROPELLER MODEL (SERIES)	ORIGINAL TYPE CERTIFICATE	AML AMENDMENT DATE
70	Hartzell Propeller Inc.	HC-B3Z	P-907	01/21/98
71	Hartzell Propeller Inc.	HC-C2Y,BHC-C2Y,CHC-C2Y,DHC-C2Y	P-920	01/21/98
72	Hartzell Propeller Inc.	HC-A3V,PHC-A3V,EHC-A3V	P6EA	01/21/98
73	Hartzell Propeller Inc.	( ) HC-C3Y	P25EA	01/21/98
74	Hartzell Propeller Inc.	HC-E2Y, DHC-E2Y	P9EA	01/21/98
75	Hartzell Propeller Inc.	HC-E3Y, HC-13Y, PHC-13Y	P33EA	01/21/98
76	Hartzell Propeller Inc.	HC-12X	P-845	01/21/98
77	Hartzell Propeller Inc.	HC-13X	P-888	01/21/98
78	Hartzell Propeller Inc.	HC-42XF	3P1	01/21/98
79	Hartzell Propeller Inc.	HC-52X20	3P2	01/21/98
80	Hartzell Propeller Inc.	HC-82X	P-878	01/21/98
81	Hartzell Propeller Inc.	HC-83X	P-884	01/21/98
82	Hartzell Propeller Inc.	HC-92W, BHC-92W	P16EA	01/21/98
83	Hartzell Propeller Inc.	HC-92Z, BHC-92Z	P-892	01/21/98
84	Hartzell Propeller Inc.	HC-93Z	P-891	01/21/98
85	Hartzell Propeller Inc.	HC-112Y	P-896	01/21/98
86	Hartzell Propeller Inc.	HC-12Y, BHC-12Y	P42GL	01/21/98
87	Hartzell Propeller Inc.	EHC-L3Y, PHC-L3Y	P41EA	01/21/98
88	Hartzell Propeller Inc.	HC-M2Y	P43GL	01/21/98
89	Hartzell Propeller Inc.	HC-12V	P46GL	01/21/98
90	Hartzell Propeller Inc.	HC-D2V	P48GL	01/21/98
91	Hartzell Propeller Inc.	HC-D3V	P51GL	01/21/98
92	Hartzell Propeller Inc.	HC-D4N, HC-D4P, HC-E4A, HC-E4N, HC-F4P	P10NE	01/21/98



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ITEM	PROPELLER MAKE	PROPELLER MODEL (SERIES)	ORIGINAL TYPE CERTIFICATE	AML AMENDMENT DATE
93	Hartzell Propeller Inc.	HC-B4M	P56GL	01/21/98
94	Hartzell Propeller Inc.	HC-B4T	P40EA	01/21/98
95	Hartzell Propeller Inc.	HC-C4Y	P52GL	01/21/98
96	Hartzell Propeller Inc.	HC-F4Y	P53GL	01/21/98
97	Hartzell Propeller Inc.	HC-F2Y	P27EA	01/21/98
98	Hartzell Propeller Inc.	HC-G3YF	P55GL	01/21/98
99	Hartzell Propeller Inc.	HC-A6A	P14NE	01/21/98
100	Hartzell Propeller Inc.	HC-B5M	P44GL	01/21/98
101	Hartzell Propeller Inc.	BHC-J2Y	P37EA	01/21/98
102	Hartzell Propeller Inc.	BHC-L2Y, HC-L2Y	P39EA	01/21/98
103	Hartzell Propeller Inc.	HC-D3F	P18NE	01/21/98
104	Hartzell Propeller Inc.	HC-E5	P20NE	01/21/98
105	Hartzell Propeller Inc.	HC-J3Y, PHC-J3Y	P36EA	01/21/98
106	Hawker Siddeley Dynamics, LTD.	PD-/212/	P-897	01/21/98
107	Hawker Siddeley Dynamics, LTD.	PD-/4N6/	P-900	01/21/98
108	Hawker Siddeley Dynamics, LTD.	PD-/466/	P-903	01/21/98
109	Hawker Siddeley Dynamics, LTD.	PD-/312/	P-916	01/21/98
110	Hawker Siddeley Dynamics, LTD.	PD-/323/	P-915	01/21/98
111	Hawker Siddeley Dynamics, LTD.	PD-/476/	7P3	01/21/98
112	McCauley Accessory Division	1A110	858	01/21/98
113	McCauley Accessory Division	C-1000	823	01/21/98
114	McCauley Accessory Division	D-1093	815	01/21/98
115	McCauley Accessory Division	MAC20 41D5926	781	01/21/98

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ITEM	PROPELLER MAKE	PROPELLER MODEL (SERIES)	ORIGINAL TYPE CERTIFICATE	AML AMENDMENT DATE
116	McCauley Accessory Division	2C36	895	01/21/98
117	McCauley Accessory Division	2A31C, B2A31C	P-919	01/21/98
118	McCauley Accessory Division	2A34C, D2A34C, E2A34C, C2A34C, F2A34C	P3EA	01/21/98
119	McCauley Accessory Division	2A36, B2A36, C2A36, D2A36	P-880	01/21/98
120	McCauley Accessory Division	2AF31C, 2AF34C, D2AF34C	P5EA	01/21/98
121	McCauley Accessory Division	2AF36C, D2AF36C	P-911	01/21/98
122	McCauley Accessory Division	2B36	P-889	01/21/98
123	McCauley Accessory Division	2D34C, B2D34C, B2D37C	P7EA	01/21/98
124	McCauley Accessory Division	2D34CT, B2D34CT	P18EA	01/21/98
125	McCauley Accessory Division	2D36	P-901	01/21/98
126	McCauley Accessory Division	2DF36C	P-912	01/21/98
127	McCauley Accessory Division	2E34C	P11EA	01/21/98
128	McCauley Accessory Division	D3A32C, 3A32C	P21EA	01/21/98
129	McCauley Accessory Division	3A32C(4XX), D3A32C(4XX), D3A34C(4XX), D3A36C(4XX)	P47GL	01/21/98
130	McCauley Accessory Division	3AF32C, 3AF34C, D3AF32C	P22EA	01/21/98
131	McCauley Accessory Division	3AF32C(5-), 3AF34C(5-), 3AF36C(5-), 3AF37C(5-)	P57GL	01/21/98
132	McCauley Accessory Division	3FF32C	P45GL	01/21/98
133	McCauley Accessory Division	3GFR34C	P54GL	01/21/98
134	McCauley Accessory Division	B3D32C, B3D34C, B3D36C, C3D36C	P58GL	01/21/98
135	McCauley Accessory Division	3GFR34C(700)	P60GL	01/21/98
136	McCauley Accessory Division	4HFR34C(6-), 4HFR34C(7-), 4JFR34C(7-)	P3NE	01/21/98
137	McCauley Accessory Division	5JFR36C(10-), B5JFR36C(11-), C5JFR36C(11-)	P15NE	01/21/98

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INSTALLATION OF POLYURETHANE PROPELLER TAPE

ITEM	PROPELLER MAKE	PROPELLER MODEL (SERIES)	ORIGINAL TYPE CERTIFICATE	AML AMENDMENT DATE
138	Panstwowe Zaklady Lotnicze	US-133000	P23NE	01/21/98
139	Ratier-Figeac	FH76	P11N	01/21/98
140	Ratier-Figeac	FH146	P1EU	01/21/98
141	Schweizer Aircraft Corp.	J-5404/MA96K, SR-5404/MA96K, SR-5404R/MA96K	P8EA	01/21/98
142	TRW Hartzell Propeller	HA-B3P	P30EA	01/21/98
143	TRW Hartzell Propeller	HC-B3W, BHC-B3W	P2EA	01/21/98
144	TRW Hartzell Propeller	HC-B4W	P10EA	01/21/98
145	TRW Hartzell Propeller	HC-D2X	P-917	01/21/98
146	TRW Hartzell Propeller	HC-D3X	P1EA	01/21/98
147	TRW Hartzell Propeller	HC-82V	P23EA	01/21/98
148	TRW Hartzell Propeller	HC-83V	P14EA	01/21/98
149	TRW Hartzell Propeller	HC-A2V, BHC-A2V	P24EA	01/21/98
150	TRW Hartzell Propeller	HC-B3R	P28EA	01/21/98
151	TRW Hartzell Propeller	HC-F3Y	P31EA	01/21/98
152	TRW Hartzell Propeller	HC-H3Y	P35EA	01/21/98
153	TRW Hartzell Propeller	HA-A2V	P59GL	01/21/98
154	Univair Aircraft Corporation	F12, FH250	P-902	01/21/98
155	Western Propeller Repair	W2-1-9'-0"	6P1	01/21/98
156	Wytwornia Sprzetu Komunikacyjnego	US-132000/A	P4NE	01/21/98

FAA Approved   
 for Gaetano Sciortino  
 Manager, New York Aircraft Certification Office

Date of Reissuance: May 23, 2013