

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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Page 1 of 6

Part Name	Part Number	Approved Replacement For	FAA Approval Basis and Approved Design Data	Installation Eligibility: MAKE	Installation Eligibility: MODEL
De-ice Modular Brush Assembly	RA2142-1	Goodrich P/N 3E2042-1	Test & Computations Design per 14CFR § 21.303(c). Rapco Dwg. RA2142-1 Rev. A, Dtd 12/01/97 *	AeroSpace Technologies	N22B, N24A; N22S
				Cessna	210F, T210F, 210G, T210G, 210H, T210H, 210J, T210J, 210K, T210K, 210L, T210L, 210M, T210M, 337, 337A, 337B, 337C, 337D, 337E, 337F, M337B
				Construcciones Aeronauticas, S.A. (CASA)	C-212-CB, -CC, -CD, -CE, -CF, -DF, -DE
				Dornier Luftfahrt GmbH	Dornier 228-100, -101, -200, -201, -202, -212
				Fairchild	SA26-T, SA26-AT, SA226-T, SA226-AT, SA226-T(B), SA227-AT, SA227-TT, SA226-TC, SA227-AC (C-26A), SA227-PC, SA227-BC (C-26A), SA227-CC, SA227-DC (C-26B)
				Mitsubishi	MU-2B-10, -20, -15, -30, -35, -25, -36, -26, -26A, -36A, -40, -60

Contd next page

PMA NO. PQ2101CE-D
 PRODUCTION APPROVAL LISTING - SUPPLEMENT NO. 70
 DATED: June 23, 2003

Part Name	Part Number	Approved Replacement For	FAA Approval Basis and Approved Design Data	Installation Eligibility: MAKE	Installation Eligibility: MODEL
	RA2142-1 (cont)			Mooney	M20J, M20K
				Piper	PA-31P, PA-34-200T, PA-34-220T
				Raytheon	35-33, 35-A33 35-B33, 35-C33, 35-C33A, E33, E33A, E33C, F33, F33A, F33C, G33, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 36, A36, A36TC, 65-90. 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B, 95-C55, 95-C55A, D55, D55A, E55, E55A, B100
				Short Brothers & Harland, Ltd.	SC-7 Series 2, SC-7 Series 3
				Twin Commander	500-A, 560-F, 680F, 680FL, 680FL(P), 680T, 680V, 680W, 681, 690, 685, 690A, 690B, 690C, 690D, 695, 695A
				Vulcanair S.p.A.	P68TC "Observer" AP68TP300 AP68TP600

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Brush Module Assy	RA2144-1	Goodrich P/N 3E2044-1	Test & Computations Design per 14CFR § 21.303(c).	British Aerospace	HP.137 Jetstream Mk. 1
			Rapco Dwg. RA2144-1 Rev. (-), Dtd 10/28/96 *	Cessna	425
				Douglas	DC3A-S4C4G
				Embraer	EMB-110P1, EMB-110P2
				Harbin (HAMC)	Y121V
				Israel Aircraft Industries	ARAVA 101, ARAVA 101B
				Fairchild	SA26-T, SA26-AT, SA226-T, SA226-AT, SA226-T(B)
				Mooney	M20J
				Pilatus	PC-6
				Piper	PA-31T, PA-31T1, PA-31T2, PA-42
				Raytheon	E50 (L-23D, RL23D), F50, G50, H50, J50, D18S, E18S, E18S-9700, G18S, H18S, 65, 65-80, 65-88, 65-90, F90, 99, 100, A100 (U-21F), 200, A100-1(U-21J)
				Short Brothers	SD3-30
				Twin Commander	560-A, 560-E, 680, 680E, 720

PMA NO. PQ2101CE-D
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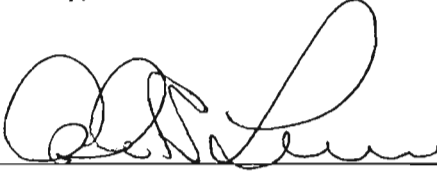
Part Name	Part Number	Approved Replacement For	FAA Approval Basis and Approved Design Data	Installation Eligibility: MAKE	Installation Eligibility: MODEL
Brush Module Assy	RA2146-1	Goodrich P/N 3E2046-1	Test & Computations Design per 14CFR § 21.303(c). Rapco Dwg. RA2146-1 Rev. (-), Dtd 10/29/96 *	Aerostar	PA-60-600, PA-60-601, PA-60-601P, PA-60-602P
				B-N Group Ltd.	BN-2, BN-2A, BN2A MKIII
				Evangel-Air	4500-300
				Piper	PA-23-250, PA-31, PA-31-300, PA-31-350, PA-32-300, PA-32R-300, PA-32RT-300, PA-32RT-300T
				Raytheon	65, 65-80, 65-88, E55, E55A, 58, 58A
Brush Module Assy	RA2146-3	Goodrich P/N 3E2046-3	Test & Computations Design per 14CFR § 21.303(c). Rapco Dwg. RA2146-3 Rev. (-), Dtd 10/29/96 *	Aerostar	PA-60-600, PA-60-601, PA-60-601P, PA-60-602P
				B-N Group Ltd.	BN-2, BN-2A, BN2A MKIII
				Evangel-Air	4500-300
				Piper	PA-23-250, PA-31-350, PA-32-300, PA-32R-300, PA-32RT-300, PA-32RT-300T
				Raytheon	54, 65-80, 65-88, 58, 58A
Brush Module Assy	RA2162-1	Goodrich P/N 3E2062-1	Test & Computations Design per 14CFR § 21.303(c). Rapco Dwg. RA2162-1 Rev. (-), Dtd 10/29/96 *	Raytheon	560-F, 680F, 680FL, 680FL(P), 690, 690A, 690B A36 with Soloy conversion
				Vulcanair S.p.A.	AP68TP300

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Part Name	Part Number	Approved Replacement For	FAA Approval Basis and Approved Design Data	Installation Eligibility: MAKE	Installation Eligibility: MODEL
Brush Module Assy	RA2162-2	Goodrich P/N 3E2062-2	Test & Computations Design per 14CFR § 21.303(c). Rapco Dwg. RA2162-2 Rev. (-), Dtd 10/29/96 *	B-N Group Ltd.	BN-2T BN-2T-4R
				Cessna	206 WITH Solyo conversion
				Construcciones Aeronauticas, S.A. (CASA)	C-212-CB, -CC, -CD, -CE, -CF, -DF, -DE
				Mooney	M20M
Brush Module Assy	RA2171	Goodrich P/N 3E2071	Test & Computations Design per 14CFR § 21.303(c). Rapco Dwg. RA2171 Rev. (-), Dtd 10/29/96 *	Piper	PA-34-200T, PA-34-220T
				Raytheon	F33A, V35B, A36, A36TC, B36TC, 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B, 95-C55, 95-C55A, D55, D55A, E55, E55A, B100
				Acrostar	PA-60-600, PA-60-601, PA-60-601P, PA-60-602P, PA-60-700P
				Cessna	TR182
Brush Module Assy	RA2190-1	Goodrich P/N 3E2090-1	Test & Computations Design per 14CFR § 21.303(c). Rapco Dwg. RA2190-1 Rev. (-), Dtd 10/30/96 *	Piper	PA-31P-350, PA-46-310P, PA-46-350P
				Raytheon	E55, E55A, 58, 58A
				Cessna	208
				Pilatus	PC-7
Brush Module Assy	RA2190-1	Goodrich P/N 3E2090-1	Test & Computations Design per 14CFR § 21.303(c). Rapco Dwg. RA2190-1 Rev. (-), Dtd 10/30/96 *	Piper	PA-31T, PA-31T1, PA-31T2, PA-31T3, PA-44-180
				Raytheon	65-90, A100 (U-21F), 200, A100-1 (U-21J), F90, 300, 300LW, B300, B300C, 1900, 1900C
				Short Brothers	SD3-60

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Note: * Denotes "Or Later FAA Approved Revision"

FAA Approved: 
Andrew B. Lown
Manager, Minneapolis MIDO