

PRODUCTION APPROVAL LISTING - SUPPLEMENT NO. 1

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

THERMAL STRUCTURES, INC.
 2362 RAILROAD STREET
 CORONA, CALIFORNIA 91720

<u>FAA-Approved Design Data</u>	<u>Approved Replacement For</u>	<u>FAA Design Approval Means</u>	<u>Installation Eligibility</u>
Heat Shield P/N: 6-770012-1 P/N: 6-770012-2 Dwg: 6-770012 Rev. "B" dtd 11/26/79 or later FAA Appr. Rev.	Pratt & Whitney P/N: 505509A P/N: 505506A	Identical Design per FAR 21.303(c)	Pratt & Whitney: JT8-D Engine
Heat Shield P/N: 6-772401 Dwg: 6-772401 Rev. "A" dtd 11/26/79 or later FAA Appr. Rev.	Pratt & Whitney P/N: 586918A1		
Heat Shield P/N: 6-782069 Dwg: 6-782069 Rev. "B" dtd 11/26/79 or later FAA Appr. Rev.	Pratt & Whitney P/N: 499941 P/N: 749609		
Heat Shield P/N: 10-792030 Dwg: 10-792030 Rev. "A" dtd 11/28/79 or later FAA Appr Rev.	Pratt & Whitney P/N: 468559		

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Insulation Blanket Power Turbine Shaft Housing P/N: 1-860003 Dwg: 1-860003 Rev. "E" dtd 5/7/86 or later FAA Appr. Rev.	Pratt & Whitney P/N: 3011755	Identical Design per FAR 21.303(c)	Pratt & Whitney PT6A Engine Models: 6*, 6A*, 6B*, 20*, 20A*, 20B, 21, 25, 27, 28, 34A, 34B, 34AG, 36, 38, 40, 41, 42, 45A, 45B, 45R, 114, 116, 135, 135A. *Engines prior to S/N PC-E21793 require incorporation of SB1089
Thermal Insulation Blankets P/N: 11-810101-1 P/N: 11-810101-2 P/N: 11-810101-3 P/N: 11-810101-4 P/N: 11-810101-5 P/N: 11-810102-1 P/N: 11-810102-2 P/N: 12-810104-1 P/N: 12-810101-1 P/N: 12-810101-2 P/N: 12-810102-1 P/N: 12-810102-2 P/N: 12-810102-3 P/N: 12-810102-4 P/N: 12-810102-5 P/N: 12-810103-1 P/N: 12-810105-1 P/N: 12-810106-1 Dwg: DL TSI-8602- CFM-86 dtd 1/30/87 or later Appr.Rev.	GE/SNECMA P/N: 305-389-101-0 P/N: 305-389-001-0 P/N: 305-389-201-0 P/N: 305-389-301-0 P/N: 305-389-401-0 P/N: 305-389-601-0 P/N: 305-389-701-0 P/N: 305-390-101-0 P/N: 305-389-801-0 P/N: 305-389-901-0 P/N: 305-393-801-0 P/N: 305-393-901-0 P/N: 305-394-001-0 P/N: 305-394-101-0 P/N: 305-394-201-0 P/N: 305-390-001-0 P/N: 305-385-202-0 P/N: 305-390-201-0	Identical Design per FAR 21.303(c)	GE/SNECMA Engines: CFM-56-2, -2C1, -2C3, -3B1, -3B2

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Shield-Heat #6 Bearing Assy Of P/N: 10-890037 Dwg: 10-890037 Rev. "N/C" dtd 2/8/90 or later FAA Appr. Rev.	Pratt & Whitney P/N: 5006653-01	Identical Design per FAR 21.303(c)	Pratt & Whitney: JT8D
Shield-Heat #6 Bearing Assy Of P/N: 10-890038 Dwg: 10-890038 Rev. "N/C" dtd 2/8/90 or later FAA Appr. Rev.	Pratt & Whitney P/N: 5006655-01		
Shield Heat #4 Bearing Assy Of P/N: 10-890039 Dwg: 10-890039-1 Rev. "N/C" dtd 2/8/90 or later FAA Appr. Rev.	Pratt & Whitney P/N: 777538		
Insulation Blanket #4 Bearing Assy Of P/N: 10-890040 Dwg: 10-890040 Rev. "N/C" dtd 2/8/90 or later FAA Appr. Rev.	Pratt & Whitney P/N: 800136-01		
Blanket Insul Exhaust Pipe P/N: 4-900018 Dwg: 4-900018 Rev. "N/C" dtd 4/10/90 or later FAA Appr. Rev.	Fairchild P/N: 7278006-511		SAAB-Fairchild: 340 Aircraft

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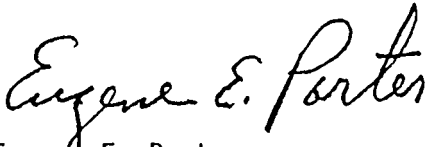
<u>FAA-Approved Design Data</u>	<u>Approved Replacement For</u>	<u>FAA Design Approval Means</u>	<u>Installation Eligibility</u>
Shield-Heat #4 -#5 Bearing, Rear Assy P/N: 3-900013 Dwg: 3-900013 Rev. "N/C" dtd 4/10/90 or later FAA Appr. Rev.	Pratt & Whitney P/N: 749609	Identical Design per FAR 21.303(c)	Pratt & Whitney: JT8D-1 through -219
Thermal Insul Blanket P/N: 12-810104-1 P/N: 12-810102-3 Dwg: DL TSI8602- CFM-056 "Issue 4" dtd 5/22/90 or later FAA Appr. Rev.	GE/SNECMA P/N: 305-390-101-0 P/N: 305-394-001-0		GE/SNECMA: CFM-56
Insulation Blanket Turbine Housing P/N: 4-652568-3 P/N: 4-652568-5 P/N: 4-652568-7 P/N: 4-652568-9 Dwg: 4-652568 Rev. "F" dtd 1/24/91 or later FAA Appr. Rev.	Piper P/N: 452-907 P/N: 452-908 P/N: 452-909 P/N: 452-982	Identical Design per FAR 21.303(c)	Piper Aircraft: PA-31, PA-31-325, PA-23-250 (C, D, E, & F) PA-32RT- 300T and PA-32R- 301T

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Insulation Blanket Turbine Housing P/N: 6-727341-3 P/N: 6-727341-5 P/N: 6-727341-7 Dwg: 6-727341 Rev. "D" dtd 1/24/91 or later FAA Appr. Rev.	Piper P/N: 452-940 P/N: 452-941 P/N: 452-939	Identical Design per FAR 21.303(c)	Piper Aircraft: PA-31-350 PA-31P-350



Eugene E. Porter
Manager, Los Angeles Manufacturing
Inspection District Office

December 2, 1991
Supersedes All Previously Issued Supplements