



FAA REPAIR STATION

7VDR117C

CAPABILITIES LIST

REVISION 25

10/27/2023



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Record of Revision

Revision	Description of Changes	Date:	By:
1	<ul style="list-style-type: none"> • Original Issue 	05/30/14	Scott Walker
2	<ul style="list-style-type: none"> • 2nd State Stator Support (GTCP331-200/-250) – Update Approval Type and Limitations • Add Power Turbine Blade (PW901A) • Add High Turbine Rotor Blade (PW901A) 	06/17/14	Scott Walker
3	<ul style="list-style-type: none"> • Add Ballscrew Housing Assy. (CF6-80C/-80E) • Add Lock Sleeve (CFM56-7) 	07/08/14	Scott Walker
4	<ul style="list-style-type: none"> • Add 3rd Stage Turbine Vane (501-D22A) • Add 4th Stage Turbine Vane (501-D22A) 	07/11/14	Scott Walker
5	<ul style="list-style-type: none"> • Add 3rd Stage Blade (501-D22A) 	08/01/14	Scott Walker
6	<ul style="list-style-type: none"> • Add Inner Transition Liner (GTCP131-9) • Add Engine Compressor Case (GTCP131-9) • Add Driven Centrifugal Compressor Case (GTCP131-9) • Add Stator Support Ring (GTCP131-9) • Add 1st Stage Turbine Nozzle Support (GTCP131-9) • 1st Stage Stator Support (GTCP331-200/-250) – Update Approved Data and Limitations • Add Compressor Shroud (GTCP331-200/-250) • Add HP Turbine Stator Vane Assy. (TSCP700) • Add Compressor Housing Assy (GTCP331-200/-250) • Add 2nd Stage Vane Shroud (S64 E/F) 	11/01/14	Scott Walker
7	<ul style="list-style-type: none"> • Add 1st Stage Turbine Rotor Blade (GTCP131-9) • Add 1st Stage Shroud Segment (GTCP131-9) • Add Bearing (DC10/MD11) • Add 2nd Stage Shroud Segment (GTCP331-350) 	02/03/15	Scott Walker
8	<ul style="list-style-type: none"> • 2nd Stage Turbine Blade (501-D22A) – Update limitations • Add Turbine Stator Support Housing (GTCP331-500) • Stator Support Ring (GTCP131-9) – Update Limitations • 1st Stage Nozzle Segment (GTCP331-350) – Update Limitations • Power Turbine Blade (PW901A) – Update Limitations • Add Bearing Housing (GTCP36-150) • Add 2nd Stage Turbine Rotor Blade (GTCP331-500) 	05/01/15	Scott Walker

	<ul style="list-style-type: none"> • Add Diffuser Assembly (APS2300) • 1st Stage Turbine Blade (501-D22A) – Update Limitations • Add 2nd Stage Stator Seal (GTCP331-200/-250) 		
9	<ul style="list-style-type: none"> • Add 2nd Stage Stator Assy. (GTCP331-200/250) • Add 1st Stage Stator Assy. (GTCP131-9) • Add Fan Disk (TFE731-20/-40) • Add 3rd Stage Stator Seal (GTCP331-200/250) • Add Stationary Air Seal (GTCP331-350) • Add 3rd Stage Turbine Seal Assy. (GTCP331-350) • Add Stationary Air Seal (GTCP131-9) • Add 1st Stage Stator Assy. (GTCP331-200/250) • Add 1st Stage Stator Baffle (GTCP331-200/250) 	08/01/15	Scott Walker
10	<ul style="list-style-type: none"> • Add Inlet Guide Vane Housing (GTCP131-9) • Add Piston Ring Housing (GTCP331-350) • 1st Stage Stator Assy. (GTCP131-9) Correct typo in Limitations 	11/02/15	Scott Walker
11	<ul style="list-style-type: none"> • Add Compressor Stator Assy. (CFE738) • 1st Stage Noz Segment (GTCP131-9) – Update Approved Data and Limitations • 1st Stage Stator Assy. (GTCP331-200/-250) – Update Limitations • 1st Stage Nozzle Segment (GTCP331-350) – Update Approved Data and Limitations • Add 2nd Stage Blade (TPE331) • Add 1st Stage Stator (TPE331) 	02/03/16	Scott Walker
12	<ul style="list-style-type: none"> • Add Centrifugal Impeller (PT6A-21/-27/-28) • IGV Housing (GTCP131-9) Updated Approved Data and Limitations • Add Containment Ring (GTCP131-9) • Add IGV Face Gear (GTCP131-9) • Add Segment Gear (GTCP131-9) • Add Inlet Guide Vane (GTCP131-9) • Add High Pressure Turbine Shroud Segment (PW901A) • Add Front Brg. Support Assy. (501-D22A) • Add Speed Sensor (CFM-56) • Add Turbine Rear Bearing Oil Seal (501-D22A) 	05/03/16	Scott Walker
13	<ul style="list-style-type: none"> • Add Permanent Magnate Alternator Stator (RB211) • 2nd Stage Stator Assembly (GTCP331-200/-250) – Update Limitations • Add Cover Assy, Accessory Drive Housing (501-D22A) 	08/03/16	Scott Walker
14	<ul style="list-style-type: none"> • Add Sensor (CFM 56) • Add N1 Speed Sensor (CFM 56) 	11/03/16	Scott Walker

	<ul style="list-style-type: none"> • Add Acc Drive Hsg Cover Assy (501-D22A) • Add Accessory Gear Box Cover (501-D22A) • Add Blade Retaining Ring (PT6A-21/-27/-28) • Add Diffuser Exit Duct (PW 535E) 		
15	<ul style="list-style-type: none"> • Add Compressor Impeller (GTCP331-500) 	02/03/17	Scott Walker
16	<ul style="list-style-type: none"> • Add Turbine Support Case (PW535E) • Add Load Compressor Impeller (GTCP331-200/-250) 	05/03/17	Scott Walker
17	<ul style="list-style-type: none"> • Add Turbine Support (TPE331) • Add Turbine Nozzle, 2nd Stage (TPE331) • Add Nozzle Segment, 1st Stage (TPE331) • Add HPT Shroud Segment, 1st Stage (AS907) 	03/29/18	Scott Gross
18	<ul style="list-style-type: none"> • Add HPT Rotor Assy, 1st Stage (AS907) 	06/30/18	Scott Gross
19	<ul style="list-style-type: none"> • Add Turbine Rotor Assy, 1st Stage (GTCP131-9) • Add HPT Nozzle Segment, 2nd Stage (AS907) 	11/01/18	Scott Gross
20	<ul style="list-style-type: none"> • Add Aft Outer Fan By-Pass Duct Assy. (AS907) • Add LP Turbine Nozzle Variable Vane (TSCP700) 	03/06/19	Scott Gross
21	<ul style="list-style-type: none"> • Add LPT Nozzle Assy, 2nd Stage (AS907) • Add Combustion Chamber Inner Casing Assy. (501-D22) 	11/07/19	Scott Gross
22	<ul style="list-style-type: none"> • Add Engine Compressor Case (GTCP131-9) • Add Combustor Case (GTCP131-9) • Add Centrifugal Compressor Case (GTCP131-9) • Add Diffuser Housing Assembly (GTCP131-9B) • Add Turbine Rotor Assembly, 2nd Stage (GTCP131-9) 	07/01/20	Scott Gross
23	<ul style="list-style-type: none"> • Add 1st Stage HPT Nozzle Segment (AS907-1-1A) • Add Speed Sensor (CFM 56) • Add Centrifugal Compressor Rotor (GTCP131-9) • Add Bearing Inlet Housing Assy. (GTCP331-200/250) • Add Bearing Inlet Housing Assy. (GTCP331-200/250) • Add Seal Carrier (GTCP331-200/250) 	03/08/21	Scott Gross

24	<ul style="list-style-type: none">• Add Speed Sensor (CFM 56)• Add Combustor (AS907)	04/20/22	Scott Gross
25	<ul style="list-style-type: none">• Add Swirl Ring (AS907)	10/27/23	Scott Gross

Description	Manufacturer	Engine Model	Approved Data	Limitations
2 nd Stage Stator	Honeywell	GTCP131-9	49-26-85 EA-14-008	IRM 49-26-85 Limitations – Repair done in house except for Coat EA-14-008 Limitations – Repair done in house except for strip, FIC, Coat, Heat Treat
1 st Stage Nozzle Segment	Honeywell	GTCP131-9	49-26-85 EA-14-015 EA-14-017 EA-15-019	IRM 49-26-85 Limitations – Inspection Only EA-14-015 Limitations – Repair done in house except for strip, FIC, Coat, Heat Treat EA-14-017 Limitations – Repair done in house except for Coat, Heat Treat EA-15-019 Limitations – None
1 st Stage Turbine Nozzle Support	Honeywell	GTCP131-9	49-26-85	IRM 49-26-85 Limitations – Repair done in house except for Coat
Engine Compressor Case	Honeywell	GTCP131-9	49-26-85 EA-14-021	IRM 49-26-85 Limitations – Repair done in house except for Coat EA-14-021 Limitations – Repair done in house except for Coat
Driven Centrifugal Compressor Case	Honeywell	GTCP131-9	49-26-85 EA-14-020	IRM 49-26-85 Limitations – Repair done in house except for Coat EA-14-020 Limitations – Repair done in house except for Coat
Stator Support Ring	Honeywell	GTCP131-9	49-26-85 EA-15-002	IRM 49-26-85 Limitations – Repair done in house except for Coat EA-15-002 Limitations – Repair done in house except for FIC Clean and Coating
Inner Transition Liner	Honeywell	GTCP131-9	49-26-85	IRM 49-26-85 Limitations – Repair done in house except for Coat
1 st Stage Turbine Rotor Blade	Honeywell	GTCP131-9	49-26-85 EA-14-028	IRM 49-26-85 Limitations – None EA-14-028 Limitations – Repair done in house except for Coat, Heat Treat & Shot Peen
1 st Stage Shroud Segment	Honeywell	GTCP131-9	49-26-85 EA-14-024	IRM 49-26-85 Limitations – None EA-14-024 Limitations – Repair done in house except for FIC Clean

Description	Manufacturer	Engine Model	Approved Data	Limitations
Containment Ring	Honeywell	GTCP131-9	49-26-85	IRM 49-26-85 Limitations – None
Inlet Guide Vane Housing	Honeywell	GTCP131-9	49-26-85 EA-15-014 EA-16-002	IRM 49-26-85 Limitations – None EA-15-014 Limitations – Repair done in house except for surface treatment and coating EA-16-002 Limitations – None
IGV Face Gear	Honeywell	GTCP131-9	49-26-85	IRM 49-26-85 Limitations – None
Inlet Guide Vane	Honeywell	GTCP131-9	49-26-85	IRM 49-26-85 Limitations – None
Segment Gear	Honeywell	GTCP131-9	49-26-85	IRM 49-26-85 Limitations – None
Stationary Air Seal	Honeywell	GTCP131-9	49-26-85 EA-15-010	IRM 49-26-85 Limitations – Repair done in house except for Coat EA-15-010 Limitations – None
1 st Stage Stator Assy.	Honeywell	GTCP131-9	49-26-95	IRM 49-26-95 Limitations – Disassemble Only
1 st Stage Stator Support	Honeywell	GTCP331-200/-250	49-23-49 EA-14-022	IRM 49-23-49 Limitations – Inspect Only EA-14-022 Limitations – Repair done in house except for FIC Clean
1 st Stage Turbine Blade	Honeywell	GTCP331-200/-250	49-23-49 EA-13-013	IRM 49-23-49 Limitations – None EA-13-013 Limitations – Repair done in house except for Strip, Coat, Heat Treat, Peen.
1 st Stage Turbine Stator	Honeywell	GTCP331-200/-250	49-23-49 EA-13-012	IRM 49-23-49 Limitations – Repair done in house except for Coat. EA-13-012 Limitations – Repair done in house except for Strip, Coat, Heat Treat
1 st Stage Stator Assy.	Honeywell	GTCP331-200/-250	49-23-49	IRM 49-23-49 Limitations – None

Description	Manufacturer	Engine Model	Approved Data	Limitations
1 st Stage Stator Baffle	Honeywell	GTCP331-200/-250	49-23-49	IRM 49-23-49 Limitations – Inspect to Zero-Time Criteria Only
1 st Stage Turbine Shroud	Honeywell	GTCP331-200/-250	49-23-49 EA-14-003	IRM 49-23-49 Limitations – Repair done in house except for Coat EA-14-003 Limitations – None
2 nd Stage Stator Support	Honeywell	GTCP331-200/-250	49-23-49 EA-14-019	IRM 49-23-49 Limitations – Repair done in house except for Coat EA-14-019 Limitations – None
2 nd Stage Turbine Blade	Honeywell	GTCP331-200/-250	49-23-49 EA-13-018	IRM 49-23-49 Limitations – None EA-13-018 Limitations – Repair done in house except for Strip, Coat, Heat Treat, Peen.
2 nd Stage Turbine Stator	Honeywell	GTCP331-200/-250	49-23-49 EA-13-015	IRM 49-23-49 Limitations – Repair done in house except for Coat. EA-13-015 Limitations – Repair done in house except for Strip, FIC, Coat, Heat Treat
2 nd Stage Stator Assy.	Honeywell	GTCP331-200/-250	49-23-49	IRM 49-23-49 Limitations – Inspect or Disassemble Only
2 nd Stage Stator Seal	Honeywell	GTCP331-200/-250	49-23-49 EA-15-004	IRM 49-23-49 Limitations – Inspection Only. EA-15-004 Limitations – None
3 rd Stage Turbine Stator	Honeywell	GTCP331-200/-250	49-23-49 EA-13-011	IRM 49-23-49 Limitations – Repair done in house except for Coat. EA-13-011 Limitations – Repair done in house except for Strip, FIC, Coat
3 rd Stage Stator Seal	Honeywell	GTCP331-200/-250	49-23-49 EA-15-005	IRM 49-23-49 Limitations – None EA-15-005 Limitations – Repair done in house except for Coat
Inlet Housing Assembly	Honeywell	GTCP331-200/-250	49-23-49	IRM 49-23-49 Limitations – Repair done in house except for Coat, Surface Treatment, Paint

Description	Manufacturer	Engine Model	Approved Data	Limitations
Transition Liner Assembly	Honeywell	GTCP331-200/-250	49-23-49	IRM 49-23-49 Limitations – Repair done in house except for Coat
Compressor Shroud	Honeywell	GTCP331-200/-250	49-23-49 EA-14-026	IRM 49-23-49 Limitations – Repair done in house except for Coat and Paint. Repair 5 & 6 not done EA-14-026 Limitations – Repair done in house except for Coat
Compressor Housing Assy	Honeywell	GTCP331-200/-250	49-23-49 EA-14-025	IRM 49-23-49 Limitations – Repair done in house except for Coat EA-14-025 Limitations – Repair done in house except for Coat
Load Compressor Impeller	Honeywell	GTCP331-200/-250	ATR49-23-49P	ATR49-23-49P Limitations – Stress Relief Only
1 st Stage Turbine Blade	Honeywell	GTCP331-350	49-25-95 EA-14-013	IRM 49-25-95 Limitations – Inspection Only EA 14-013 Limitations – Repair done in house except for Stripping, Coating, Heat Treat
1 st Stage Nozzle Segment	Honeywell	GTCP331-350	49-25-95 EA-14-011 EA-15-016	IRM 49-25-95 Limitations – Inspection Only EA 14-011 Limitations – Repair done in house except for Stripping, FIC Clean, Coating, Heat Treat and Air Flow EA 15-016 Limitations – None
1 st Stage Shroud Support	Honeywell	GTCP331-350	49-25-95 EA-14-018	IRM 49-25-95 Limitations – Repair done in house except for Coating EA 14-018 Limitations – None
2 nd Stage Turbine Blade	Honeywell	GTCP331-350	49-25-95 EA-14-014	IRM 49-25-95 Limitations – Inspection Only EA 14-014 Limitations – Repair done in house except for Stripping, Coating, Heat Treat
2 nd Stage Nozzle Segment	Honeywell	GTCP331-350	49-25-95 EA-14-012	IRM 49-25-95 Limitations – Inspection Only EA 14-012 Limitations – Repair done in house except for Stripping, FIC Clean, Coating, Heat Treat
2 nd Stage Shroud Segment	Honeywell	GTCP331-350	49-25-95 EA-15-001	IRM 49-25-95 Limitations – Inspection Only EA 15-001 Limitations – Repair done in house except for FIC Clean

Description	Manufacturer	Engine Model	Approved Data	Limitations
3 rd Stage Nozzle	Honeywell	GTCP331-350	49-25-95 EA-14-016	IRM 49-25-95 Limitations – Inspection Only EA 14-016 Limitations – Repair done in house except for Stripping, FIC Clean
Stationary Air Seal	Honeywell	GTCP331-350	49-25-95 EA-15-007	IRM 49-25-95 Limitations – Inspection Only EA 15-007 Limitations – None
3 rd Stage Turbine Seal Assy.	Honeywell	GTCP331-350	49-25-95 EA-15-008	IRM 49-25-95 Limitations – Inspection Only EA 15-008 Limitations – None
Piston Ring Housing	Honeywell	GTCP331-350	49-25-95 EA-15-015	IRM 49-25-95 Limitations – Inspection Only EA 15-015 Limitations – Repair done in house except for Stripping and Coating
1 st Stage Turbine Blade	Honeywell	GTCP331-500	49-24-79 EA-13-023	IRM 49-24-79 Limitations – Inspection Only EA-13-023 Limitations – Repair done in house except for Strip, Coat, Heat Treat
2 nd Stage Turbine Rotor Blade	Honeywell	GTCP331-500	49-24-79 EA-15-003	IRM 49-24-79 Limitations – Inspection Only EA-15-003 Limitations – Repair done in house except for FIC Clean, Coat, Heat Treat, Shot Peen
Turbine Stator Support Housing	Honeywell	GTCP331-500	49-24-79 EA-14-027	IRM 49-24-79 Limitations – Repair done in house except for coating EA-14-027 Limitations – None
Compressor Impeller	Honeywell	GTCP331-500	ATR 49-24-79	ATR 49-24-79 Limitations – Stress relief only
Turbine Bearing Carrier	Honeywell	GTCP36-280/-300	49-26-51	IRM 49-23-49 Limitations – Repair done in house except for Coat and Oil Flow
Bearing Housing	Honeywell	GTCP36-150	GAST EA-04-41	Limitations – EB Weld and X-Ray Only. X-Ray not done in house
HP Turbine Stator Vane Assy.	Honeywell	TSCP700	49-26-53 EA-14-023	IRM 49-26-53 Limitations – Inspection Only EA-14-023 Limitations – Repair done in house except for FIC Clean, Coating, Heat Treat
Compressor Turbine Shroud Housing	Pratt & Whitney Canada	PT6A-21/-27/-28	OHM 3021243 OHM 3013243 EA-13-003 EA-13-004	OHM 3021243 Limitations - None OHM 3013243 Limitations - None EA-13-003 Limitations – None EA-13-004 Limitations – None

Description	Manufacturer	Engine Model	Approved Data	Limitations
Cover Assembly Prop.	Pratt & Whitney Canada	PT6A-21/-27/-28	OHM 3021243 OHM 3013243 OHM 3032143 EA-13-001	OHM 3021243 Limitations- None OHM 3013243 Limitations- None OHM 3032143 Limitations- None EA-13-001 Limitations – Repair Done in house except for Coat
Fuel Nozzle Sheath (Short Uncoated)	Pratt & Whitney Canada	PT6A-21/-27/-28	OHM 3013243 EA-14-001	OHM 3013243 Limitations – Inspection Only EA-14-001 Limitations – None
Fuel Nozzle Sheath (Tall)	Pratt & Whitney Canada	PT6A-21/-27/-28	OHM 3013243 EA-14-004	OHM 3013243 Limitations – Inspection Only EA-14-004 Limitations – None
Gas Generator Case Assy.	Pratt & Whitney Canada	PT6A-21/-27/-28	OHM 3013243 EA-13-022	OHM 3013243 Limitations – Cleaning: 5I & 5(D) Not done in house Inspect: 5(B) & 5(G) not done (Stator air seal is not received with components). Repair: Repair 5(B) not used. Repair 6(B) & 6(C) not done (Bolts, Nuts & Studs not supplied with components). Repair 10 not done (Stator air seal is not received with components). Repair 12 not done. Repair 14(A) not done. Repair 14(B) Not done (DER is used for this repair). Repair 14(C) not done (DER is used for this repair). Repair 23(A)(1) not done – Repair 23(A)(2) is used as an alternate. Repairs are done in house except for Strip, Plate, Coat, Pressure Flush, Oil Flow. EA-13-022 Limitations – None
Gas Generator Case Diffuser Exit Tube Assy.	Pratt & Whitney Canada	PT6A-21/-27/-28	OHM 3013243 EA-13-017 EA-14-002	OHM 3013243 Limitations – Inspection Only EA-13-017 Limitations – None EA-14-002 Limitations – None
PT Shaft Housing	Pratt & Whitney Canada	PT6A-21/-27/-28	OHM 3013243	OHM 3013243 Limitations – None

Description	Manufacturer	Engine Model	Approved Data	Limitations
RGB Front Housing	Pratt & Whitney Canada	PT6A-21/-27/-28	OHM 3013243 EA-13-002	OHM 3013243 Limitations – Repair 6I , 6I, 6(H), 6(I) not performed. Repairs done in house except for Coat and Paint. EA-13-002 Limitations – None
RGB Rear Housing	Pratt & Whitney Canada	PT6A-21/-27/-28	OHM 3032143 OHM 3013244	OHM 3032143 Limitations – Repair done in house except for Coat OHM 3013244 Limitations – Repair done in house except for Coat
Sm. Combustion Chamber Exit Duct	Pratt & Whitney Canada	PT6A-21/-27/-28	OHM 3013243	OHM 3013243 Limitations – None
Centrifugal Impeller	Pratt & Whitney Canada	PT6A-21/-27/-28	OHM 3013243	OHM 3013243 Limitations – FPI Inspection Only
Blade Retaining Ring	Pratt & Whitney Canada	PT6A-21/-27/-28	OHM 3013243	OHM 3013243 Limitations – Install ring on hub and drill rivet holes only
Power Turbine Blade	Pratt & Whitney Canada	PW901A	CMM 49-21-02 EA-14-010	CMM 49-21-02 Limitations – Inspection Only EA-14-010 Limitations – Repair done in house except for Shot Peen
High Turbine Rotor Blade	Pratt & Whitney Canada	PW901A	CMM 49-21-02 EA-14-009	CMM 49-21-02 Limitations – Inspection Only EA-14-009 Limitations – Repair done in house except for Shot Peen
High Pressure Turbine Shroud Segment	Pratt & Whitney Canada	PW901A	CMM 49-21-02 EA-16-003	CMM 49-21-02 Limitations – None EA-16-003 Limitations – Repair done in house except for FIC Clean
2 ND STAGE TURBINE VANE	Rolls-Royce Allison	501-D22A	OHM 72-3-6 EA-14-005	OHM 72-3-6 Limitations – None EA-14-005 Limitations – Repair done in house except for Strip, FIC, Coat, Heat Treat
1 ST STAGE TURBINE BLADE	Rolls-Royce Allison	501-D22A	OHM 72-3-8 EA-13-005	OHM 72-3-8 Limitations – Repair done in house except for Coat

Description	Manufacturer	Engine Model	Approved Data	Limitations
				EA-13-005 Limitations – Repair done in house except for Strip, Coat, Heat Treat, Shot Peen
1 ST STAGE TURBINE VANE	Rolls-Royce Allison	501-D22A	OHM 72-3-6 EA-13-010	OHM 72-3-6 Limitations – Coat and/or Inspect Only EA-13-010 Limitations – Repair done in house except for Strip, FIC, Coat
2 nd STAGE TURBINE BLADE	Rolls-Royce Allison	501-D22A	OHM 72-3-8 EA-13-006	OHM 72-3-8 Limitations – Repair done in house except for Coating EA-13-005 Limitations – Repair done in house except for Strip, Coat, Heat Treat, Shot Peen
3 rd STAGE TURBINE VANE	Rolls-Royce Allison	501-D22A	OHM 72-3-6 EA-14-006	OHM 72-3-6 Limitations – Inspect Only EA-14-006 Limitations – Repair done in house except for FIC Clean
3 rd STAGE BLADE	Rolls-Royce Allison	501-D22A	OHM 72-3-8 EA-13-007	OHM 72-3-8 Limitations – Inspect Only EA-13-007 Limitations – Repair done in house except for Shot Peen
4 th STAGE TURBINE VANE	Rolls-Royce Allison	501-D22A	OHM 72-3-6 EA-14-007	OHM 72-3-6 Limitations – Inspect Only EA-14-007 Limitations – Repair done in house except for FIC Clean
Front Brg. Support Assy.	Rolls-Royce Allison	501-D22A	OHM 72-53-09	OHM 72-3-6 Limitations – Repair done in house except for Electro Plating
Turbine Rear Bearing Oil Seal	Rolls-Royce Allison	501-D22A	OHM 72-53-25	OHM 72-53-25 Limitations – None
Cover Assy., Accessory Drive Housing	Rolls-Royce Allison	501-D22A	OHM 70-21-01	OHM 70-21-01 Limitations – FPI Inspect Only
Acc Drive Hsg Cover Assy	Rolls-Royce Allison	501-D22A	OHM 72-63-03	OHM 70-21-01 Limitations – Machine and FPI Inspect Only
Accessory Gear Box Cover	Rolls-Royce Allison	501-D22A	OHM 72-63-03	OHM 70-21-01 Limitations – Machine and FPI Inspect Only
Ballscrew Housing Assy.	GE	CF6-80C/-80E	EA-D06021	EA-D06021 Limitations – Limited to Routing # D06021-1 Rev B, Operations 40-100

Description	Manufacturer	Engine Model	Approved Data	Limitations
Lock Sleeve	CFM Int'l	CFM56-7	EA-D10034	EA-D10034 Limitations – Limited to Routing # D10034-1 Rev C, Operations 60-120
Speed Sensor	CFM Int'l	CFM56	CMM 77-11-15	CMM 77-11-15 Limitations – Limited to Welding Only
Sensor	CFM Int'l	CFM56	CMM 77-11-13	CMM 77-11-13 Limitations – Limited to Welding Only
N1 Speed Sensor	CFM Int'l	CFM56	CMM 77-11-14	CMM 77-11-14 Limitations – Limited to Welding Only
2 nd Stage Vane Shroud	Erickson Air Crane	S64 E/F	EO-3018-001	Limited to assemble, EB Weld and visually inspect weld Only
Bearing	Boeing	DC10/MD11	EO14E0841	Limited to Machining and/or FPI only
Diffuser Assembly	Hamilton Sundstrand	APS2300	RDE09111	Limited to Stress Relief Only
Fan Disk	Honeywell	TFE731-20/-40	ORI-T43342	Limited to Inspection, Machining, Hand Finish and FPI
Compressor Stator Assy.	Honeywell	CFE738	HMM 72-06-04 Customer PO	Limited to Grind and Inspection of Vanes
1 st Stage Stator	Honeywell	TPE331	72-IR-10 AMT-EA-15-020	72-IR-10 Limitations – None AMT-EA-15-020 Limitations – Repair done in house except for FIC Clean
2 nd Stage Blade	Honeywell	TPE331	72-IR-15 AMT-EA-16-001	72-IR-15 Limitations – None AMT-EA-16-001 Limitations – Repair done in house except for FIC Clean, Coating and Shot Peen
Permanent Magnet Alternator Stator	Rolls Royce	RB211	EAR-17-73-0224/05 ESO 90088	EAR-17-73-0224/05 Limitations – Limited to EB Weld and Pressure Test ESO 90088 Limitations - None
Diffuser Exit Duct	Pratt & Whitney	PW 535E	MM 3072702 AMT-EA-16-010	MM 3072702 Limitations – Inspection Only AMT-EA-16-010 Limitations - Repair done in house except for coating

Description	Manufacturer	Engine Model	Approved Data	Limitations
Turbine Support Case	Pratt & Whitney	PW 535E	MM 3072702 AMT-EA-16-009	MM 3072702 Limitations – Inspection Only AMT-EA-16-009 Limitations - None
Turbine Support Case	Honeywell	TPE331	72-IR-10 Customer PO	72-IR-10 Limitations – None Repair performed in house
Turbine Nozzle, 2 nd Stage	Honeywell	TPE331	72-IR-15 EAM-00149	72-IR-15 Limitations – None Repair performed in house
Nozzle Segment, 1 st Stage	Honeywell	TPE331	72-01-36 IRM AMT-EA-17-007	72-01-36 Limitations – None Repair performed in house
HPT Shroud Segment, 1st Stage	Honeywell	AS907	72-05-12 LMM AMT-EA-16-013	72-05-12 Limitations – None AMT-EA-16-013 Limitations – Repair done in house except for FIC Cleaning, Plasma Spray
HPT Rotor Assy, 1st Stage	Honeywell	AS907	72-51-01 HMM 70-42-00 SPM	72-51-01 Limitations – None Repair performed in house
Turbine Rotor Assy, 1st Stage	Honeywell	GTCP131-9	49-26-85 IRM AMT-EA-15-006	49-26-85 Limitations – Inspection Only AMT-EA-15-006 – Repair done in house except for curvic inspection/repair, balance, shot peen, overspeed test
HPT Nozzle Segment, 2 nd Stage	Honeywell	AS907	72-05-13 HMM AMT-EA-18-002	72-05-13 Limitations – Inspection Only AMT-EA-18-002 Limitations – Repair done in house except for FIC cleaning, platinum aluminide coating
Aft Outer Fan By-Pass Duct Assy.	Honeywell	AS907	72-05-13 HMM S/B AS907-72-9064 AMT-EA-19-003	72-05-13 Limitations – Inspection Only AMT-EA-19-003 Limitations – Repair done in house except for blast, alodine, paint, milliohm check

Description	Manufacturer	Engine Model	Approved Data	Limitations
LP Turbine Nozzle Variable Vane	Honeywell	TSCP700	49-26-53 IRM	49-26-53 Limitations – Inspection Only
LP Turbine Nozzle Assy, 2 nd Stage	Honeywell	AS907	72-05-12 LMM 72-05-13 HMM AMT-EA-18-003	72-05-12 Limitations – Inspection Only AMT-EA-18-003 Limitations - Repair done in house except for FIC
Combustion Chamber Inner Casing Assy.	Rolls-Royce	501-D22	72-44-00 OHM AMT-1066 Dwg. 6789860	72-44-00 Limitations – Inspection Only AMT-1066 Limitations - None
Engine Compressor Case	Honeywell	GTCP131-9	49-26-85 IRM AMT-EA-20-007	49-26-85 Limitations – Inspection Only AMT-EA-20-007
Combustor Case	Honeywell	GTCP131-9	49-26-85 IRM	49-26-85 Limitations – None Repair performed in house
Centrifugal Comp Case	Honeywell	GTCP131-9	49-26-85 IRM AMT-EA-20-009 ORI-1190	49-26-85 Limitations – Inspection Only AMT-EA-20-009 Limitations - Repair performed in house
Diffuser Housing Assembly	Honeywell	GTCP131-9	49-26-85 IRM AMT-EA-20-006	49-26-85 Limitations – Inspection Only AMT-EA-20-006 Limitations - None
Turbine Rotor Assy. 2 nd Stage	Honeywell	GTCP131-9	49-26-85 IRM AMT-EA-20-005	49-26-85 Limitations – Inspection Only AMT-EA-20-005 Limitations – Repair performed in house except curvic inspection, balance & X-Ray
1 st Stage HPT Nozzle Segment	Honeywell	AS907	ORI P35017 72-05-13 HMM	72-05-13 Limitations – Inspection Only ORI P35017 Limitations – Repair performed in house except stripping, FIC, Platinum Aluminide Coating
Speed Sensor	CFM Int'l	CFM 56	CMM 77-11-15	CMM 77-11-15 Limitations – Welding Only
Centrifugal Comp Rotor	Honeywell	GTCP131-9	49-26-85 IRM	Limitations – Inspection Only 49-26-85 Limitations- Repair performed in house except balance, curvic, shot peen
Seal Carrier	Honeywell	GTCP331-200/250	49-23-49 IRM	49-23-49 Limitations – None , repair performed in house except metal spray

Description	Manufacturer	Engine Model	Approved Data	Limitations
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Bearing Inlet Housing Assy.	Honeywell	GTCP331-200/250	49-23-49 IRM	49-23-49 Limitations – None, repair performed in house except metal spray
Bearing Inlet Housing Assy.	Honeywell	GTCP331-200/250	49-23-49 IRM	49-23-49 Limitations – None, repair performed in house except metal spray
Speed Sensor	CFM Int'l	CFM56	77-11-12 CMM	77-11-12 CMM Limitation- Welding Only
Combustor Chamber	Pratt & Whitney	PW535E/PW535E1	FX-968860	72-41-53 CMM Limitations – Welding, machining, Fluorescent Penetrant Inspection.
Swirl Ring	Honeywell	AS907-3-1E	Honeywell ORI-T44245	72-05-19 LMM Limitations- Machining, Fluorescent Penetrant Inspection.