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CF34-10 TURBOFAN

Component Maintenance Manuals February 1, 2012

The manuals are listed in publication number order.

The Rev. Cycle column indicates the following planned revision frequency for each publication listed:

90 - - - - - 90 day revision cycle (Quarterly updates)
180 - - - - - 180 day revision cycle (Semi-annual updates)

365 - - - - - 365 day revision cycle (Annual updates)
AR - - - - - As Required revision cycle

<u>ATA Number</u>	<u>Publication Number</u>	<u>Engine Model</u>	<u>Nomenclature</u>	<u>Part Number</u>	<u>VIN</u>	<u>OEM Name (Vendor Code)</u>	<u>Basic Issue Date</u>	<u>Rev. No.</u>	<u>Rev. Date</u>	<u>Rev. Cycle</u>
24-11-06	GEK 112694 (Supplied by Goodrich)	-10E	Oil Cooler and Relief Bypass Valve Assembly	-	341D8010-501	Goodrich Industries (51563)	1/15/05	-	-	AR
30-20-01	GEK 112688 (Supplied by Goodrich)	-10E	Anti-Ice Pressure Transducer	-	PMP3065-9122-02 (SPEC No. 341D8026-503)	Goodrich Industries (51563)	4/30/06	-	-	AR
30-21-02	GEK 112677 (Supplied by Goodrich)	-10E	Thermal Anti-Ice Valve	-	421865-2 341D8003-505	Whittaker Controls Inc. (79318) Goodrich Industries (51563)	4/30/06	-	-	AR

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71-00-19	GEK 112678 (Supplied by Goodrich)	-10E	Tubes Ducts and Hoses	-	A10109-501 A10109-503 A10109-505 A10109-507 H158006-700CD H158006-702CD H158010-700HP H158010-702HP H158010-700FM H158010-702FM H158016-700HR H158016-702HR H158016-704HR H158020-702FS M1796-501 M1796-503 M1796-505 M1796-519 M1796-521 M1796-527 M1796-529 M1796-531 M1796-533 M1796-535 M1796-537 M1796-539 M1796-541 M1796-543 M1796-545 M1796-547 M1796-549 M1796-551 M1796-553 M1796-555 M1796-557 M1796-559	Goodrich Industries (51563)	4/30/06	9	11/1/11	AR

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71-00-19 (Cont.)	GEK 112678 (Cont.)	-10E (Cont.)	Tubes Ducts and Hoses (Cont.)	-	M1796-561 M1796-563 M1796-565 M1796-567 M1796-569 M1796-571 M1796-573 341-1270-501 341-1400-501 341-1430-501 341-5101-501 341-5102-501 341-5103-503 341-5104-503 341-5104-505 341-5161-509 341-5161-511 341-5162-507 341-5162-509 341-5174-501 341-5193-501 341-5194-501 341-5195-501 341-5201-501 341-5202-505 341-5202-507 341-5267-501 341-5267-503 341-5905-501 341-5905-503 341-5906-501 341-5906-503 341-5907-501 341-5907-503 341-5951-501 341-5951-503 341-5952-501 341-5953-501 341-5954-501	Goodrich Industries (51563) (Cont.)	4/30/06 (Cont.)	7	11/1/09	AR

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71-00-19 (Cont.)	GEK 112678 (Cont.)	-10E (Cont.)	Tubes Ducts and Hoses (Cont.)	-	341-5954-503 341-5955-503 341-5955-505 714109-1	Goodrich Industries (51563) (Cont.)	4/31/06 (Cont.)	7	11/1/09	AR
71-10-10	GEK 112219 (Supplied by Goodrich)	-10E	Inlet Cowl Assembly	-	341-1010-507 341-1010-509	Goodrich Industries (51563)	4/30/06	7	5/1/10	AR
71-12-01	GEK 112691 (Supplied by Goodrich)	-10E	Toggle Hook Latch Assembly/ Adjusta- Keeper Assembly	-	341D8021-501 341D8021-503 341D8021-505 341D8021-507	Goodrich Industries (51563)	4/30/06	-	-	AR
71-13-10	GEK 112218 (Supplied by Goodrich)	-10E	Left Hand Fan Cowl	-	341-2001-507 341-2001-513 341-2001-515	Goodrich Industries (51563)	4/30/06	4	5/1/09	AR
71-14-10	GEK 112217 (Supplied by Goodrich)	-10E	Right Hand Fan Cowl	-	341-2002-507 341-2002-509	Goodrich Industries (51563)	4/30/06	6	5/1/09	AR
71-50-10	GEK 112216 (Supplied by Goodrich)	-10E	Wire Harness Assemblies	-	341W1421-501 341W1422-501 341W5809-501 341W5810-501 341W5811-501 341W5812-501 341W5813-501 341W5814-501 341W5815-503 341W5816-505 341W5817-501 341W5818-501 341W5818-503 341W5818-507	Goodrich Industries (51563)	4/30/06	7	5/1/10	AR

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73-10-16	GEK 112681	-10E/-10A	Fuel Nozzle	2254M19P03 2254M19P04 2254M19P05 2254M19P06	142697/157464 149122/157463 159596 159595	Goodrich – Turbine Fuel Technologies (71895)	10/10/07	3	5/25/11	AR
73-11-02	GEK 112637	-10E	Fuel Pump	2043M12P03 2043M12P04 2043M12P05	837600-3 837600-4 837600-5	Argo-Tech (59875)	1/31/05	1	1/31/07	AR
73-11-72	GEK 112683	-10E/-10A	Fuel/Oil Heat Exchanger	1962M41P02 1962M41P03	UA544051-2 UA544051-3	Triumph Thermal Systems (78943)	8/31/05	-	-	AR
73-20-04	GEK 112639	-10E	W3, W4, W6, W7, Harness	2043M25P01 2043M27P01 2043M21P03 2043M23P03 2043M21P04 2043M21P05 2043M23P04 2043M23P05 2043M25P02 2043M27P02 2043M25P03 2043M27P03	421511 421513 502425-1 502430-1 504444-1 504444-2 504445-1 504445-2 504994-1 504995-1 508040-1 508041-1	Unison (59501)	12-9-05	1	2/28/11	AR
73-21-05	GEK 112642	-10E	Fuel Metering Unit	2043M10P05	8063-884	Woodward Aircraft Engine Systems (65065)	5/31/06	1	05/05/11	AR
73-21-12	GEK 112644 (Supplied by BAE Systems)	-10E/-10A	FADEC	2043M11P04 2043M11P05 2043M11P07	114E7099G1 114E7099G2 115E1154G1	BAE Systems (89954) *	4/11/06	2	6/9/11	AR

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73-30-01	GEK 112051	-8C5/-8E/ -10E/-10A	Engine Configuration Plug	2162M48P02 2162M48P03	0510HT2 0510HT2A	Goodrich A.K.A. Rosemount (60678)	5/1/03	1	7/15/06	AR
73-30-01	GEK 112689 (Supplied by Goodrich)	-10E/-10A	Low Pressure Fuel Switch	-	8H0025-1G (SPEC No. 341D8001-503)	Goodrich Aerospace (51563)	4/30/06	-	-	AR
74-11-06	GEK 105112	-8C5/-8E/ -10E/-10A	Permanent Magnet Alternator	4120T07P01 4120T08P01 4120T07P02	430145 430146 430233	Unison Industries (59501)	3/15/03	1	7/31/05	AR
74-11-12	SEI 823 (Alternate number GEK-85091)	-10E/-10A	Ignition Exciter	9238M66P05 9238M66P07 9238M66P08 9238M66P11	10-617980-1 10-631045-1 10-631045-2 10-631045-3	Unison Industries (59501)	3/30/84	10	8/23/10	AR
74-21-25	GEK 112638	-10E	Ignition Lead	2043M43P02	500290-2	Unison Industries (59501)	2/28/06	-	-	AR
74-21-36	GEK 112643	-8E/-10E/ -10A	Main Ignition Plug	1374M12P01 1374M12P10	9044035-1 9072215-1	Unison Industries (59501)	6/30/87	5	2/28/10	AR
75-21-33	GEK 112221	-10E/-10A	Transient Bleed Valve	2043M45P02	3291680-3	Honeywell (59364)	12/4/08	-	-	AR
75-22-17	GEK 112222	-10E	HPTCC Valve	2043M46P04	3291682-5	Honeywell (59364)	8/11/06	-	-	AR
75-24-73	GEK 112695	-10E	Low Pressure Turbine Active Clearance Control Valve	2123M21P01 2123M21P02	5040908-102 5040308-103	Parker Hannifin (92003)	8/23/07	-	-	AR

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75-30-01	GEK 112641	-10E/-10A	VSV Actuator	2043M18P02	8100-151	Woodward Aircraft Engine Systems (65065)	12/30/05	-	-	AR
75-30-02	GEK 112640	-10E/-10A	VBV Actuator	2043M17P03	8100-052	Woodward Aircraft Engine Systems (65065)	12/30/05	-	-	AR
77-10-48	GEK 112631	-10E/-10A	Sensor, N1 Fan Speed	2043M14P01 2043M14P02	8TJ163AAD1 8TJ163AAF1	Ametek (97424)	8/8/05	1	6/26/09	AR
77-10-49	GEK 112633	-10E/-10A	N2 Sensor	1963M68P01	8TJ205ABB1	Ametek (97424)	8/8/05	-	-	AR
77-20-13	GEK 112223	-10E	T3 Temperature Sensor	2043M16P03	8TC34ACA3	Ametek (97424)	8/8/05	-	-	AR
77-20-14	GEK 112627	-10E	Turbine Clearance Temperature Sensor	2043M32P02	8TC34ACC1	Ametek (97424)	10/12/05	-	-	AR
77-20-15	GEK 112628	-10E	EGT Probe	2043M47P04 2043M60P03	8TE32ABN3 8TE32ABP2	Ametek (97424)	9/23/05	-	-	AR
77-20-16	GEK 112629	-10E/-10A	Thermocouple Cable Harness	2043M33P01 2043M33P02 2139M85P02	8TH32AAA1 8TH32AAD1 8TH32CAA1	Ametek (97424)	3/25/05	1	4/26/11	AR
77-20-17	GEK 112634	-10E/-10A	T2.5 Temperature Sensor	2043M15P02	8TW32AAB1	Ametek (97424)	8/8/05	1	6/18/11	AR

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77-20-18	GEK 112635	-10E/-10A	T1.2 Inlet Fan Temperature Sensor	2043M31P01	8TW32BAA1 8TW32BAA2	Ametek (97424)	8/8/05	1	5/21/11	AR
77-30-01	GEK 112632	-10E/-10A	Differential Pressure Switch	2043M39P01	8TJ201JAA1	Ametek (97424)	8/8/05	1	3/18/11	AR
77-41-02	GEK 105128	-8C1/ -8C5/-8E/ -10E	Oil Pressure Transmitter	4120T16P01	APTE-4-1250-130D	Kulite Semiconductor (34345)	10/20/99	-	-	AR
77-41-03	GEK 105129	-8C1/ -8C5/-8E/ -10E	Oil Pressure Switch	4120T17P02 4120T17P01	21SN04-422B 21SN04-422A	Eaton Aerospace (02750)	5/13/03	3	12/15/08	AR
78-10-10	GEK 112215 (Supplied by Goodrich)	-10E	Nozzle Center Body and Center Vent Tube Assemblies	-	341-3001-503 341-3101-503 341-3121-503 341-3201-501 341-3201-503 341-3501-503	Goodrich Industries (51563)	4/1/05	8	11/1/11	AR
78-30-01	GEK 112690 (Supplied by Goodrich)	-10E	Ground Maintenance Override Push Button Switch	-	63138 Spec 341D8028	Goodrich Aerospace (51563)	4/30/06	1	5/1/10	AR
78-30-17	GEK 112679 (Supplied by Smiths)	-10E	Isolation Control Unit	-	P536A0001-01	GE Aviation (60029)	12/19/03	2	5/12/10	AR
78-30-18	GEK 112676 (Supplied by GE Aviation)	-10E	Directional Control Unit	-	P537A0001-01	GE Aviation (60029)	12/19/03	2	2/28/09	AR

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78-30-19	GEK 112675 (Supplied by GE Aviation)	-10E	PDO Actuator	-	P547A0001-00 P547A0001-01 P547A0001-02	GE Aviation (60029)	12/22/03	4	7/18/11	AR
78-30-21	GEK 112693 (Supplied by GE Aviation)	-10E	Tras Locking Actuator Assembly	-	2U2202-3	GE Aviation (60029)	9/29/04	1	6/4/10	AR
78-30-22	GEK 112649 (Supplied by GE Aviation)	-10E	Locking Actuator Right	-	2U2202-4	GE Aviation (60029)	3/11/05	1	6/4/10	AR
78-30-23	GEK 112692 (Supplied by GE Aviation)	-10E	Feedback Actuator Left	-	2U2203-3	GE Aviation (60029)	9/29/04	1	11/30/08	AR
78-30-24	GEK 112648 (Supplied by GE Aviation)	-10E	Feedback Actuator Right	-	2U2203-4	GE Aviation (60029)	3/11/05	2	7/18/11	AR
78-30-25	GEK 112650 (Supplied by GE Aviation)	-10E	Cowl Lock	-	2U2211-1	GE Aviation (60029)	10/15/04	1	5/15/09	AR
78-30-26	GEK 112680 (Supplied by GE Aviation)	-10E	Manual Drive	-	7U7943-3	GE Aviation (60029)	9/26/04	1	6/30/10	AR

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78-32-00	GEK 112674 (Supplied by Goodrich)	-10E	Thrust Reverser Assembly	-	601E0100-515 601E0100-516 601E0100-517 601E0100-518 601E0100-533 601E0100-534 601E0100-535 601E0100-536 601E0100-539 601E0100-540 601E0100-541 601E0100-542	Goodrich Industries (51563)	11/1/06	11	05/1/11	180
79-11-05	GEK 112646	-10E	Oil Tank	-	B1316-00084	Tech Space Aero (B1316)	12/15/05	-	-	AR
79-20-01	GEK 112686	-10E/-10A	Fuel Cooled Oil Cooler	1962M23P02	45732-1397	Serck Aviation (U6578)	6/20/06	-	-	AR
79-20-03	GEK 112687	-10E	Vent Valve	2043M74P02	B1316-00177	Tech Space Aero (B1316)	12/15/05	-	-	AR
79-21-01	GEK 105134	-8C1/ -8C5/-8E/ -10E	Lune and Scavenge Pump	4119T01P01 4119T01P04	LR47050D LR4750G	Lear Romec (51663)	3/24/00	1	8/4/07	AR
79-21-02	GEK 112636	-10E	Lube and Scavenge Pump	4119T01P02 4119T01P03	LR47050E LR47050F	Lear Romec (51663)	1/31/05	1	8/20/07	AR
79-21-03	GEK 105135	-8C/-8C5/ -8E/-10E	Filter Module Assembly	4119T04P01 4119T04P02 2230M80P02	LR47170 LR47170A LR47730	Lear Romec (51663)	3/10/00	2	7/20/07	AR

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79-21-05	GEK 105137	-8C1/ -8C5/-8E/ -10E	Electrical Chip Detector	5071T99P02	3009051.02	Allen Aircraft Products (82829)	5/1/00	-	-	AR
79-22-01	GEK 112697	-10E	Aft Sump Supply Check Valve	2121M57P01	B5241-04	Aero Controlex Group In. (98939)	6/27/05	-	-	AR
79-24-74	GEK 112698	-10E/-10A	Delta P3 Sensor	2043M34P03	PD8158-100-24628	Ametek (99564)	1/30/09	-	-	AR
79-30-15	GEK 112630	-10E	Oil Level and Temperature Sensor	2043M37P03	8TJ146CFE1	Ametek (97424)	5/27/05	1	7/27/07	AR
79-31-00	SEI 851	-1A/-3A /-3A1/-3A2/ -3B/-3B1/ -8C1/-8C5/ -8E/-10E/ -10A	Oil Filter Bypass Sensor	4060T64P01 4060T64P03 4060T64P04	RD910VL086 RD910VL086Y2 RD910VL086Y4	Aircraft Porous Media Inc. (18350)	9/30/83	ACMM	6/16/10	AR
80-11-99	GEK 105140	-8C1/-8C5/ -8E/-10E	Air Turbine Engine Starter	4120T06P01 4120T06P02 4120T06P04	3505953-1 3505953-2 3505953-4	Honeywell (59364)	6/28/02	1	4/29/05	AR
80-12-61	GEK 112220	-10E	Starter Air Valve	2043M13P01	3291675-1	Honeywell (59364)	8/11/06	-	-	AR

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