

Report Date: **18-okt-2021**
Aircraft Model: Fokker F28 Mark 0070
Serial Number: 11536
Date of Manufacture: 15-mrt-1995
Aircraft registration: 5B-DDA

Utilization as per: 14-okt-2020
Total Airframe Hours Since New (TSN): 46.737
Total Airframe Cycles Since New (CSN): 42.715
Current Operator: TUS Air
Country: Cyprus



MAINTENANCE HISTORY AND FORECAST

Heavy Maintenance Recommended	Last performed		Next Due		Remaining	
	TSN (FH)	Date	TSN (FH)	Date	FH	Days
1C-check (5,000 FH / 5 Yr)	46.671	12-jul-2019	51.671		4.934	
2C-check (10,000 FH / 10 Yr)	46.671	12-jul-2019	56.671		9.934	
3C-check (15,000 FH / 15 Yr)	36.913	11-okt-2012	51.913		5.176	
6 Yr		23-sep-2015		22-sep-2021		-26
8 Yr		12-jul-2019		12-jul-2027		2.092
12 Yr		12-jul-2019		12-jul-2031		3.553

Line Maintenance - Recommended	Interval
Daily maintenance	Daily
Weekly Service Check	125 FH / 7 Days, whichever is first
A-Check	600 FH / 6 Months, whichever is first
Annual Intermediate Check	1 Yr
Half C-check	2,500 FH / 3 Yr, whichever is first

LANDING GEARS

Main Landing Gear Manufacturer: Goodrich

	Partnumber	Serial Nr.	CSN	CSO	Remaining	Due date
Nose Gear Overhaul limit: 20,000 Cycles / 12 Yr						
NLG Assy	201461001	M-DG-0057	35.205	8.810	11.190	17-dec-2025
LH Main Gear Overhaul limit: 20,000 Cycles / 10 Yr						
LH MLG Assy	41050-15	MAL0057	32.666	6.541	13.459	17-feb-2025
RH Main Gear Overhaul limit: 20,000 Cycles / 10 Yr						
RH MLG Assy	41050-16	MAL0074	40.015	6.541	13.459	17-feb-2025

APU

APU Type / Model: GTCP-36-150RJ
APU Partnumber:

APU Serial Number:	P-144C
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Actual Times & Cycles	APU
TSO	2.743
Remaining to HSI	3.257

Aircraft Configuration and Modification Status

Interior

80 Seating, single class, ACRO seats
Galley: G1, G2, G3
Blue pattern cloth seat covers
Blue carpet
Galleys fully equipped
Lavatory: FWD, AFT

Additional Equipment / Modifications

Pax Door - Plug Type
ELT installation i.a.w. JAR-OPS 1.820. (406 Mhz Fixed ELT).
Enhanced Ground Proximity Warning System (EGPWS).
Change 7.1 Software for the TCAS Computer.
ATC Mode S Transponder Elementary Surveillance.
VHF Comm 8.33 kHz channel spacing capability.
Reduced Vertical Separation Minimum (RVSM).
Solid (Universal) Flight Data Recorder (SSUFDR).
Solid State Cockpit Voice Recorder (SSCVR).
3 Large Cargo Doors
CAT 3 Navigation Standard
EASA / EU and ACASA Ops Compliant

Optional: Freight conversion to carry medical equipment
(contact AFS for more information)

Avionics

Description	Mfr	Part Number	QTY
Flight Control Computer	Collins	622-7476-503	2
Flight Augmentation Computer	Collins	622-7478-411	1
Maintenance Control Computer	Collins	622-7479-411	1
HF Comm Receiver / Transmitter	Collins	622-5272-001	1
Transceiver VHF Comm	Collins	622-5219-004	2
Passenger Address Amplifier	Collins	622-5342-001	1
Audio Management Unit	Gables	G6938-12	1
Cockpit Voice Recorder	Fairchild	2100-1020-02	1
Digital Flight Data Acquisition Unit	Teledyne	2236000-4A	1
Digital Flight Data Recorder	Honeywell	2100-4042-00	1
Flight Warning Computer	Grimes	80-0610-3-50	1
Multifunction Display Unit	Collins	622-8047-541	2
Multifunction Control Panel	Collins	622-7957-302	1
Digital Air Data Computer	Honeywell	4045053-912	2
Standby Altimeter	Smiths Industries	WL1704AM9	1
Inertial Reference Unit	Honeywell	HG2001BC02	2
EFIS Display	Collins	622-7484-421	4
EFIS Control Panel	Collins	622-7485-411	2
Radio Magnetic Indicator	Collins	622-5001-701	2
Receiver - Marker Beacon	Collins	822-0726-103	1
Standby Magnetic Compass	Smiths Industries	KCA0106W	1
ATC Transponder	Allied Signal	066-01127-1101	1
ATC Control Panel	Allied Signal	071-01477-0025	2
Flight Management Computer	Honeywell	4052502-953	2
Receiver - ADF	Collins	622-5222-002	2
Interrogator - DME	Collins	622-4540-001	2
Receiver ILS	Collins	822-0282-002	2
Radio Altimeter	Collins	622-4542-121	2
Transceiver Weather Radar	Collins	622-5132-109	1
TCAS Computer 7.1	Allied Signal	066-50000-2120	1
EGPWS	Honeywell	965-0976-003-212-212	1

Engine - Lefthand

Engine Type / Model: Rolls Royce TAY-620-15

Engine Serial Number:	17155
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Actual Times & Cycles	TSN	51.478		
	CSN	39.562		
	TIME SINCE MIDLIFE	5.350		Midlife date: 23-mei-2014
	CYCLES SINCE MIDLIFE	5.996		
	TLSV	5.350		Last SV Date: 23-mei-2014
	CSLSV	5.996		

Life Limited Parts - LH Engine

First Limiter (Cycles remaining):	4.333	(Flightplan A)
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Description	Module	Partnumber	Serial number	Life Limit	Life remain
LPC Fan Blades	Module 01	JR31983	Various	12.000	6.004
Disc LPC Fan	Module 01	JR34563A	STDK36993	22.000	5.833
IP Comp Stage 1 Disc	Module 02	JR28921	STDK36172	22.000	5.833
IP Comp Stage 2 Disc	Module 02	JR28922	STDK36651	22.000	5.833
IP Comp Stage 3 Disc	Module 02	JR29568	DTDK921	22.000	5.833
IP Compressor Rotor Shaft	Module 02	JR35036	PAVN9027	22.000	5.833
HPC Rotor Rear Drive Shaft	Module 03	JR35207A	PABX24824	22.000	5.833
LPC Rotor Rear Drive Shaft	Module 03	JR35037	PABX24846	22.000	5.833
HP Comp Rotor Stage 1 Disc	Module 03	JR18049	EEBE3503	22.000	5.833
HP Comp Rotor Stage 2 Disc	Module 03	JR18742	SETP14767	22.000	5.833
HP Comp Rotor Stage 3 Disc	Module 03	JR18743	EEBE3129	22.000	5.833
HP Comp Rotor Stage 4 Disc	Module 03	JR18744	EEBE2629	22.000	5.833
HP Comp Rotor Stage 5 Disc	Module 03	JR18746	EEBE3343	22.000	5.833
HP Comp Rotor Stage 6 Disc	Module 03	JR18748	EEBE3192	22.000	5.833
HP Comp Rotor Stage 7 Disc	Module 03	JR13814	EEBE3298	22.000	5.833
HP Comp Rotor Stage 8 Disc	Module 03	JR13815	EEBH7585	22.000	5.833
HP Comp Rotor Stage 9 Disc	Module 03	JR13816	EEBH7570	22.000	5.833
HP Comp Rotor Stage 10 Disc	Module 03	JR18750	EEBH7564	22.000	5.833
HP Comp Rotor Stage 11 Disc	Module 03	JR18751	EEBH7214	22.000	5.833
HP Comp Rotor Stage 12 Disc	Module 03	JR18449	EEBH7639	20.500	4.333
HP Turb.Shaft & Seal Assy	Module 04	JR35030A	EABX3865	22.000	5.833
Disc HP Turbine Stage 1	Module 04	JR28878	SETM23854	22.000	5.833
Disc HP Turbine Stage 2	Module 04	JR28879A	EEBH6651	22.000	5.833
Sleeve HP Turbine Stage 2	Module 04	JR33123	200141D04993	22.000	16.004
Shaft LP Turbine	Module 05	JR35038A	PAVN9185A	22.000	5.833
Disc LP Turbine Stage 1	Module 05	JR32318A	EETM8234	22.000	5.833
Disc LP Turbine Stage 2	Module 05	JR32319	EETM7878	22.000	5.833
Disc LP Turbine Stage 3	Module 05	JR32320A	EETM7940	22.000	5.833

Engine - Righthand

Engine Type / Model: Rolls Royce TAY-620-15

Engine Serial Number:	17034
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Actual Times & Cycles	TSN	40.546		
	CSN	29.920		
	TIME SINCE MIDLIFE	18.135		Midlife date: 12-feb-2003
	CYCLES SINCE MIDLIFE	18.542		
	TLSV	14.353		Last SV Date: 16-sep-2005
	CSLSV	14.915		

Life Limited Parts - LH Engine

First Limiter (Cycles remaining):	1.958	(Flightplan A)
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Description	Module	Partnumber	Serial number	Life Limit	Life remain
LPC Fan Blades	Module 01	JR31983	Various	12.000	3.101
Disc LPC Fan	Module 01	JR34563A	STDK31874	22.000	3.458
IP Comp Stage 1 Disc	Module 02	JR28921	CTDK8438	22.000	3.458
IP Comp Stage 2 Disc	Module 02	JR28922	CTDK8237	22.000	3.458
IP Comp Stage 3 Disc	Module 02	JR29568	STDK31744	22.000	3.458
IP Compressor Rotor Shaft	Module 02	JR35036	PAVH6852	22.000	3.458
HPC Rotor Rear Drive Shaft	Module 03	JR35207A	PABX22408A	22.000	3.458
LPC Rotor Rear Drive Shaft	Module 03	JR35037	PABX22485	22.000	3.458
HP Comp Rotor Stage 1 Disc	Module 03	JR18049	SETP10281	22.000	3.458
HP Comp Rotor Stage 2 Disc	Module 03	JR18742	SETP13837	22.000	3.458
HP Comp Rotor Stage 3 Disc	Module 03	JR18743	SETP13879	22.000	3.458
HP Comp Rotor Stage 4 Disc	Module 03	JR18744	DETP9972	22.000	3.458
HP Comp Rotor Stage 5 Disc	Module 03	JR18746	EEBE0023	22.000	3.458
HP Comp Rotor Stage 6 Disc	Module 03	JR18748	SETP13822	22.000	3.458
HP Comp Rotor Stage 7 Disc	Module 03	JR13814	SETP09904	22.000	3.458
HP Comp Rotor Stage 8 Disc	Module 03	JR13815	SETM11218	22.000	3.458
HP Comp Rotor Stage 9 Disc	Module 03	JR13816	SETM14390	22.000	3.458
HP Comp Rotor Stage 10 Disc	Module 03	JR18750	DETM18519	22.000	3.458
HP Comp Rotor Stage 11 Disc	Module 03	JR18751	SETM21548	22.000	3.458
HP Comp Rotor Stage 12 Disc	Module 03	JR18449	SETM21777	20.500	1.958
HP Turb.Shaft & Seal Assy	Module 04	JR35030A	PABX22438A	22.000	3.458
Disc HP Turbine Stage 1	Module 04	JR28878	SETM21448	22.000	3.458
Disc HP Turbine Stage 2	Module 04	JR28879A	SETM21477	22.000	3.458
Sleeve HP Turbine Stage 2	Module 04	JR33123	200141D03347	22.000	13.101
Shaft LP Turbine	Module 05	JR35038A	PAVN6875A	22.000	3.458
Disc LP Turbine Stage 1	Module 05	JR32318A	RRSUNDG853	22.000	13.101
Disc LP Turbine Stage 2	Module 05	JR32319	SETM216SO	22.000	3.458
Disc LP Turbine Stage 3	Module 05	JR32320A	RRSUNDF791	22.000	13.101