

SPECIFICATIONS



ATR42-600

REF: A2025-074

Date: 25-SEP-2025

AIRCRAFT IDENTIFICATION

Aircraft Model	ATR42-600
Manufacture Year	2014
Engines Model	PW100-127M

WEIGHTS` OPERATIONAL	Metric	US Customary
Maximum Taxi Weight (MTW)	18`770 [Kg]	41`380 [Lbs]
Maximum Take Off Weight (MTOW)	18`600 [Kg]	41`006 [Lbs]
Maximum Landing Weight (MLW)	18`300 [Kg]	40`345 [Lbs]
Maximum Zero Fuel Weight (MZFW)	17`000 [Kg]	37`478 [Lbs]
Basic Empty Weight (BEW)	11`763 [Kg]	25`932 [Lbs]

AIRFRAME STATUS

Total Airframe Hours	15`260
Total Cycles	29`226
Status Date	01-SEP-2025

MAINTENANCE STATUS

	Check Interval	Last Done @ (FH)	Next Due
1C - CHECK	8`000 FH	03-SEP-2022 @ 10`909 FH	18`909 FH
2C - CHECK	16`000 FH	03-SEP-2022 @ 10`909 FH	26`909 FH
4C - CHECK	32`000 FH	NONE	--
1Y - Check interval	12 MO	15-MAY-2025 @ 14`638 FH	15-MAY-2026
2Y - Check interval	24 MO	09-JUN-2024 @ 13`606 FH	09-JUN-2026
4Y - Check interval	48 MO	03-SEP-2022 @ 10`909 FH	21-AUG-2026
8Y - Check interval	96 MO	03-SEP-2022 @ 10`909 FH	21-AUG-2030
12Y - Check interval	144 MO	NONE	--
36K FC - Check interval	36`000 FC	NONE	--

LDG DETAILS	NLG		LH MLG		RH MLG	
	GEAR ASSY	DRAG BRACE	GEAR ASSY	BRACE ASSY	GEAR ASSY	BRACE ASSY
Manufacturer	Safran		Safran		Safran	
Part Number	D22698500-8	D22703500-3	D22685500-8	D23557000-3	D22686500-8	D22703500-3
CSN	9`945	22`423	2`948	2`948	9`672	9`672
Overhaul DUE Date	JUL-2028	AUG-2028	JUN-2030	JUN-2030	FEB-2028	MAR-2027
Status Date	01-SEP-2025		01-SEP-2025		01-SEP-2025	

ENGINE DETAILS	Engine 1	Engine 2
Manufacturer	Pratt & Whitney	Pratt & Whitney
Model	PW100-127M	PW100-127M
Thrust Rating	2`750 SHP	2`750 SHP
Maintenance Program	On Condition	On Condition

ENGINE STATUS	Engine #1 LH	Engine #2 RH
Total Time Since New	18`353	19`443
Total Cycle Since New	23`126	21`994
Last Overhaul	26-APR-2022	19-JAN-2022
Time Since Last Overhaul	5`009	6`087
Cycles Since Last Overhaul	8`459	7`352
TSHSI	NO H.S.I HAS BEEN PERFORMED	367
First Limiter	6`541	7`648
Status Date	01-SEP-2025	01-SEP-2025

ENGINE Pos.#1 – LLP					
Engine Type:		TSN: 18'353	TSO: 5'009	Date:	
PW127M		CSN: 23'126	CSO: 8'459	01-SEP-2025	
NO.	PART NAME	TOTAL HOURS	TOTAL CYCLES	CYCLES LIMIT	REMAINING CYCLES
1)	HP IMPELLER	5'009	8'459	15'000	6'541
2)	LP IMPELLER	5'009	8'459	15'000	6'541
3)	HP DISK	5'009	8'459	15'000	6'541
4)	LP DISK	5'009	8'459	15'000	6'541
5)	PT DISC 1ST STAGE	18'353	23'126	30'000	6'874
6)	PT DISC 2ND STAGE	18'353	23'126	30'000	6'874
7)	HPT FRONT COVER	5'009	8'459	15'000	6'541
8)	HPT REAR COVER	5'009	8'459	15'000	6'541
9)	AIR SEAL	5'009	8'459	15'000	6'541
10)	HPT BLADES	5'009	8'459	15'000	6'541
					LOWEST LIMITER 6'541

ENGINE Pos.#2 – LLP					
Engine Type:		TSN: 19'443	TSO: 6'087	Date:	
PW127M		CSN: 21'994	CSO: 7'352	01-SEP-2025	
NO.	PART NAME	TOTAL HOURS	TOTAL CYCLES	CYCLES LIMIT	REMAINING CYCLES
1)	HP IMPELLER	6'087	7'352	15'000	7'648
2)	LP IMPELLER	6'087	7'352	15'000	7'648
3)	HP DISK	6'087	7'352	15'000	7'648
4)	LP DISK	6'087	7'352	15'000	7'648
5)	PT DISC 1ST STAGE	19'443	21'994	30'000	8'006
6)	PT DISC 2ND STAGE	19'443	21'994	30'000	8'006
7)	HPT FRONT COVER	367	417	15'000	14'583
8)	HPT REAR COVER	6'087	7'352	15'000	7'648
9)	AIR SEAL	367	417	15'000	14'583
10)	HPT BLADES	367	417	15'000	14'583
					LOWEST LIMITER 7'648

PROPELLERS

PROPELLERS STATUS	Propeller #1 LH	Propeller #2 RH
Manufacturer	UTC	UTC
Model	Collins 568F-1	Collins 568F-1
Maintenance Interval	10`500FH or 7YE	10`500FH or 7YE
Last Overhaul	19-FEB-2019	30-OCT-2018
Hours Remaining (Hub)	5`968	5`632
Due Date (Hub)	02-NOV-2026	24-MAY-2026
Status Date	01-SEP-2025	01-SEP-2025

PROPELLER #1 COMPONENT DATA

NO.	PROP DETAILS	P/N	INTERVAL	TSO	REM FH	DUE
1)	HUB	815470-2	12`100FH or 7YE	6`132	5`968	02-NOV-2026
2)	ACTUATOR	815585-7	10`500FH	6`132	4`368	03-JAN-2028
3)	BLADE 1	R815505-9	10`500FH or 7YE	3`485	7`015	21-MAY-2029
4)	BLADE 2	R815505-6	10`500FH or 7YE	8`613	1`887	17-SEP-2026
5)	BLADE 3	R815505-6	10`500FH or 7YE	2`719	7`781	14-OCT-2029
6)	BLADE 4	R815505-6	10`500FH or 7YE	5`869	4`631	29-OCT-2026
7)	BLADE 5	R815505-6	10`500FH or 7YE	5`869	4`631	20-DEC-2026
8)	BLADE 6	R815505-6	10`500FH or 7YE	7`584	2`916	21-DEC-2025
9)	TRANSFER TUBE	815587-3	12`100FH	6`132	5`968	02-NOV-2028
10)	ADJUSTING NUT	814754-1	12`100FH	6`132	5`968	02-NOV-2028

PROPELLER #2 COMPONENT DATA

NO.	PROP DETAILS	P/N	INTERVAL	TSO	REM FH	DUE
1)	HUB	815470-2	12`100FH or 7YE	6`468	5`632	24-MAY-2026
2)	ACTUATOR	815585-7	10`500FH	6`468	4`032	31-OCT-2027
3)	BLADE 1	R815505-6	10`500FH or 7YE	6`023	4`477	23-JAN-2028
4)	BLADE 2	R815505-6	10`500FH or 7YE	1`700	8`800	26-APR-2030
5)	BLADE 3	R815505-6	10`500FH or 7YE	3`136	7`364	26-JUL-2029
6)	BLADE 4	R815505-6	10`500FH or 7YE	6`667	3`833	21-JUN-2026
7)	BLADE 5	R815505-6	10`500FH or 7YE	6`831	3`669	23-APR-2026
8)	BLADE 6	R815505-6	10`500FH or 7YE	6`831	3`669	29-MAR-2026
9)	TRANSFER TUBE	815587-3	12`100FH	9`095	3`005	18-APR-2027
10)	ADJUSTING NUT	814754-1	12`100FH	6`468	5`632	31-AUG-2028

MAJOR AVIONICS EQUIPMENT

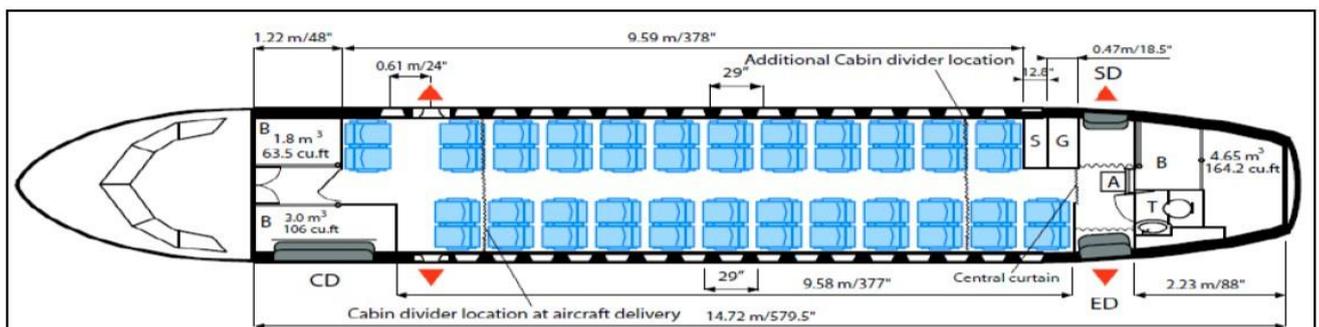
ABREVIATION	DESCRIPTION	VENDOR	PART NUMBER	QTY
ATA – 22	AUTO FLIGHT			
MCDU	MULTIPURPOSE CONTROL & DISPLAY UNIT	BARCO	K9321050A031	2
ATA – 23	COMMUNICATIONS			
HF	HIGH FREQUENCY TRANSCEIVER	COLLINS	822-0101-002	2
VHF	VERY HIGH FREQUENCY TRANSCEIVER	COLLINS	822-1468-110 822-1468-310	2 1
ACARS	AIRCRAFT COMMUNICATIONS AND ADDRESSING & REPORTING SYSTEM	COLLINS	822-1739-511	1
SSCVR	SOLID STATE COCKPIT VOICE RECORDER	L3-COMM	2100-1220-02	1
ATA – 31	INDICATING/RECORDING SYSTEMS			
P	PRINTER	MILTOPE	497126-2	1
SSDFDR	SOLID STATE DIGITAL FLIGHT DATA RECORDER	L3-COMM	2100-4245-00	1
ATA – 34	NAVIGATION			
GPS	GPS ACTIVE	THALES	C17149JA02	2
WR	WEATHER RADAR TRANSCEIVER	HONEYWELL	7021450-601	1
EFIS CP	EFIS CONTROL PANEL	TBA	C12428EB C12428FB	1 1
RA	RADIO ALTIMETER TRANSCEIVER	THALES	9599-607-19993	1
TCAS II	TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM COMPUTER	ACSS	9000000-10309	1
DME	DISTANCE MEASURING EQUIPMENT INTEROGATOR	COLLINS	822-1466-001	2
ATC	AIR TRAFFIC CONTROL TRANSPONDER	ACSS	7510700-961	TBA
VOR	VERY HIGH FREQUENCY OMNI-DIRECTIONAL RANGE RECEIVER	COLLINS	822-1465-001	2

CAPABILITIES AND MODIFICATION STATUS	COMPLIANCE	NOTES
Airworthiness Compliance	EASA	
Fuel Tank Inerting System	No	
Nitrogen Gas System	No	
Electronic Flight Bag (EFB)	Yes	
ETOPS Capability	Yes	120 mins
Datalink Printer	Yes	
Reserve take Off (RTO) Power Capability	Yes	enables extra uplift 300kg average
Brake Overtemperature warning system	Yes	
Indication Units	Metric	kgs/ Deg C
Auxiliary Fuel Capacity	No	
Fire suppression system	No	
Cockpit Door Surveillance System	Yes	
Brake Cooling Fans Installed	No	
Cargo Loading System	No	
Cockpit 4 th occupant seat	No	
Fast Box with Propeller Vibration Monitoring	Yes	STC ST11053SC
Traffic Collision Avoidance System [TCAS]	Yes	
Software version 7.1	Yes	
Enhanced Surveillance [EHS], ATC Transponder	Yes	
Elementary Surveillance [ELS], ATC Transponder	Yes	
ATC Mode S Transponder ADS-B Out DO 260Bcapability	Yes	
ACARS – A/C Comm., Addressing & Reporting System	Yes	
GPS Installed	Yes	
FM Immunity [COMM & NAV]	Yes	
VHF 8.33 kHz Chanel spacing	Yes	
ATN B1 Data Link [CPDLC] Installed or Provisions	No	
CVR with Data Link Recording	No	
SSCVR 2Hrs	Yes	
ELT 121.5 / 406 MHz - Fixed	Yes	One
ELT 121.5 / 243 / 406 MHz - Portable	Yes	One

INTERIOR CONFIGURATION

Galleys	1	Galley Standard	ATLAS
Coffee Maker/Hot Cup/Basin	0/2/1	Ovens/Water Boilers/Ice Drawer	0/0/0
Galley Chilling	No	Carts – Full Size/Carts – Half Size	0/1
Stowage	1	Standard Units	3
Attendant Seats	1	Cabin Divider	Yes
Lavatories	1	Baggage Compartment	Yes
In-Flight Entertainment Systems	No	In seat power	No
Floatation Devices	Life Vests	Life Rafts	Yes

Seats	Quantity	Manufacturer
Economy Class	48	GEVEN



<ul style="list-style-type: none"> A : Attendant seat B : Baggage compartment CD : Cargo door ED : Entrance door G : Galley ▲ : Emergency exit S : Stowage SD : Service door T : Toilet 	VOLUMES	m³	cu.ft
	Baggage compartment	9.45	333.7
	Baggage per pax	0.197	6.95
	Total baggage (incl. stowage & overhead bins)	12.20	430.9
	Total baggage per pax	0.254	8.98