

ATR 42-600 – YOM 2014



Photo for illustration purposes only.

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

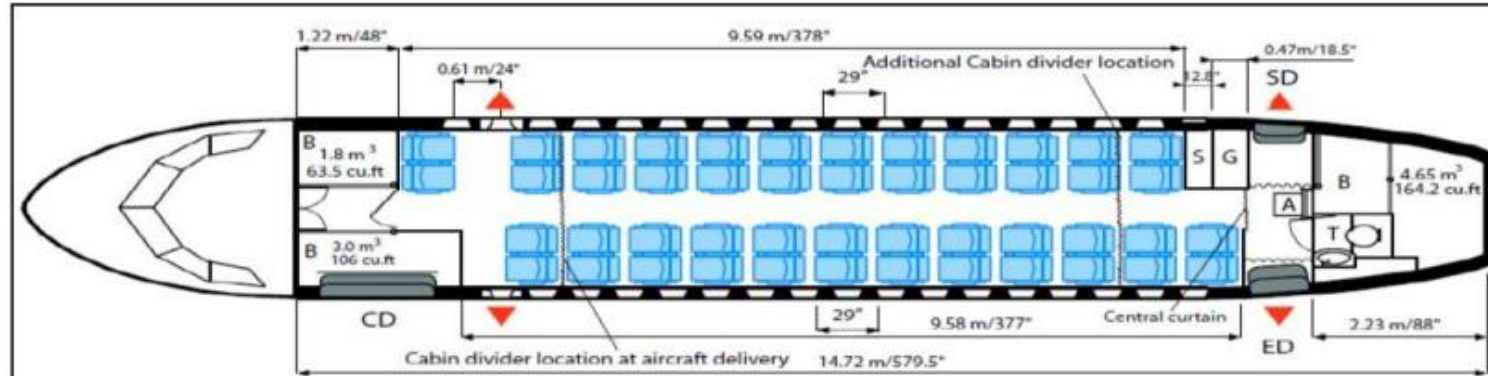
NO.	PROP DETAILS	P/N	INTERVAL	TSO	REM FH	DUE
1)	HUB	815470-2	12`100FH or 7YE	6`468	5`632	24-MAY-2026
2)	ACTUATOR	815585-7	10`500FH	6`468	4`032	31-OCT-2027
3)	BLADE 1	R815505-6	10`500FH or 7YE	6`023	4`477	23-JAN-2028
4)	BLADE 2	R815505-6	10`500FH or 7YE	1`700	8`800	26-APR-2030
5)	BLADE 3	R815505-6	10`500FH 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	2
			822-1468-310	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	1
			C12428FB	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

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

<u>Seats</u>	<u>Quantity</u>	<u>Manufacturer</u>
Economy Class	48	GEVEN



- A : Attendant seat
- B : Baggage compartment
- CD : Cargo door
- ED : Entrance door
- G : Galley
- ▲ : Emergency exit
- S : Stowage
- SD : Service door
- T : Toilet

VOLUMES	m ³	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