ATR42-320

Technical Specifications

AIRCRAFT GENERAL DATA

As Of: 20-Feb-2026

Total Time Since New	:	51,491 hours
Total Cycles Since New	:	49,005 cycles
Date of Manufacture	:	04-10-1991
Date of last flight	:	20th February 2026
Current status :		Temporary storage (up to 6 months) as per ATR line maintenance manual Rev 01Jan 26

AIRCRAFT MAIN FEATURES

Approach Cat.	:	II	TCAS Version	:	7.1
EGPWS	:	Yes	Enhanced Mode-S	:	Yes
8.33 KHz Spacing	:	Yes	MPC	:	ED35E109-01-05
Fuel Qty. indication	:	Kilos	Cockpit video surveillance	:	Not required
Reinforced cockpit door	:	Not required			

AIRCRAFT MAIN FEATURES

Passenger Seats: 48 - **Seat Type:** Sigma 74 series - **Pitch:** 20" – **Covers:** Blue Leather

Galley Configuration: One aft galley

Attendant Stations: One (aft)

Lavatory: One (aft)

AIRCRAFT WEIGHTS

Current Aircraft Weights		**(In Kilos)**	**(in Pounds)**
Max. Take-Off Weight	:	16,700	36,817
Max. Landing Weight	:	16,400	36,155
Max. Zero Fuel Weight	:	14,800	32,628
Operatint Empty Weight	:	11,250	24,802
Date of Last Weighing	:	Oct-22	

Engine Manufacturer	:	Pratt & Whitney Canada
Left Hand Engine		
Engine Type	:	PW121
Serial Number	:	120424
Total Time Since New	:	49,848
Total Cycles Since New	:	49,519
Time Since Overhaul	:	9,857
Time Since HSI	:	2,817

Engine Manufacturer	:	Pratt & Whitney Canada
Right Hand Engine		
Engine Type	:	PW121
Serial Number	:	120230
Total Time Since New	:	37,674
Total Cycles Since New	:	36,389
Time Since Overhaul	:	5,547
Time Since HSI	:	1,626

ENGINE LLP STACKS

Left Hand Engine LCF's	Cycles Since New	Cycles Remaining
LP Impeller	**10159**	**19841**
HP Impeller	**20795**	**4205**
PT Disc 1st Stage	**10159**	**19841**
PT Disc 2nd Stage	**10159**	**19841**
Air Seal	**5816**	**9,184**
LP Disc	**10159**	**19841**
HPT Front Cover	**5816**	**9184**
HPT Rear Cover	**5816**	**9184**
HP Disc	**5816**	**9184**
HPT Blades	**13397**	**1603**

ENGINE LLP STACKS

Right Hand Engine LCF's	Cycles Since New	Cycles Remaining
LP Impeller	27378	2622
HP Impeller	21941	3059
PT Disc 1st Stage	21713	6663
PT Disc 2nd Stage	19398	8978
Air Seal	12243	2757
LP Disc	11492	18508
HPT Front Cover	12508	2492
HPT Rear Cover	8701	6299
HP Disc	12129	2871
HPT Blades	18369	1631HRS

PROPELLERS (as of 01-Apr-26) **Maintenance Requirements:** Overhaul at 10,500 FH or 7 Years (84 months)

LEFT HAND PROPELLER ASSY.

Manufacturer	Model	Hours Remaining (Hub)	Months Remaining (Hub)
Hamilton Sundstrand	14SF-5	8912	586
Description	**Assy. Part No.**	**Hours remaining (blades)**	**Months remaining (blades)**
Blade 1	SFA13M1R0A	7698	OH AT DELIVERY
Blade 2	SFA13M1R0A	9359	1459
Blade 3	SFA13M1R0A	9720	1758
Blade 4	SFA13M1R0A	7831	OH AT DELIVERY

RIGHT HAND PROPELLER ASSY .

Manufacturer	Model	Hours Remaining (Hub)	Months Remaining (Hub)
Hamilton Standard	14SF-5	8204	595
Description	**Assy. Part No.**	**Hours remaining (blades)**	**Months remaining (blades)**
Blade 1	SFA13M1R0A	9666	1717
Blade 2	SFA13M1R0A	8742	1041
Blade 3	SFA13M1R0A	9747	1797
Blade 4	SFA13M1R0A	9720	1758

LANDING GEARS **Maintenance Requirements –** 20,000CY or 9 Years

Nose Gear

Part Number	:	D22698100-7
Serial Number	:	N188
Total Cycles	:	38.463
Cycles Since OH	:	244
Next Overhaul due on	:	**Mar 2033**

LH Main Gear			**RH Main Gear**		
Part Number	:	D22685040-16	Part Number	:	D22686040-16
Serial Number	:	MN69	Serial Number	:	MN207
Total Cycles	:	50,548	Total Cycles	:	48.523
Cycles Since OH	:	2,793	Cycles Since OH	:	66
Next Overhaul due on	:	Sept 2026 EXT **Mar 2027**	Next Overhaul due on	:	**May 2030**

MAINTENANCE HISTORY **As Of:** April 2026

		Last Performed			Interval				
Pack No.	Description	Date	TSN	CSN	Amount	UOM	Strateg	Remaining	UOM
500FH	500FH	14nov25	51388.47	48909	500	Hs	Non	397.09	Hs
8yrs-Part3	8 years	16mar23	50318.90	47809	8	Yrs	Non	4.72	yrs
2.5	2.5 years	17jul25	51265.63	48781	5000	Hs	Wof	4774.25	Hs
2.5	2.5 years	17jul25	51265.63	48781	2	Hs	Wof	1.56	yrs
6000FC	6000FC	16aug23	50545.06	48019	6000	Cs	Non	5014.00	Cs
8Years-Part4	8 years	16mzr23	50318.90	47809	8	Yrs	Non	4.72	Yrs
2.5	2.5years	17jul25	51265.63	48781	5000	Hs	Wof	4774.25	Hs
2.5	2.5years	17jul25	51265.63	48781	2	Yrs	Wof	1.56	Yrs
6000FC	6000FC	18dec23	50657.91	48134	6000	Cs	Non	5129.0	Cs
8years-Part5	8years	08mar23	50309.06	47799	8	Yrs	Non	4.70	Yrs
2.5	2.5years	17jul25	51265.63	48781	5000	Hs	Wof	4774.25	Hs
2.5	2.5years	17jul25	51265.63	48781	2	Yrs	Wof	1.56	Yrs
6MO-1200	6MO	03nov25	51377.55	48897	1200	Hs	Wof	1086.17	Hs
6MO-1200	6MO	03nov25	51377.55	48897	6	Mon-s	Wof	-1.66	Mos
8years-Part6	8years	09mar23	50309.06	47799	8	Yrs	Non	4.70	Yrs
2MO/400FH	2MO/400FH	26dec25	51436.38	48955	400	Hs	Wof	345.00	Hs
7Days	7Days work	14apr25	51491.47	49005	7	Ds	Non	4.74	Ds
8years-Part7	8years	23mar23	50328.31	47818	8	Yrs	Non	4.74	Yrs
2years	2 years	05jun26	51491.47	49005	2	Yrs	Non	1.95	Yrs
7MP/750FH	7MO/750FH	27feb26	51491.47	49005	750	Hs	Wof	750.09	Hs
7MO/750FH	7MO/750FH	27feb26	51491.47	49005	7	Mos	Wof	3.15	Mos
8Years-Part8	8years	09mar23	50309.06	47799	8	Yrs	Non	4.70	Yrs
2years/4000FH	2years	28mar25	51182.96	48669	4000	Hs	Wof	3691.58	Hs
2years/4000FH	2years	28mar25	51182.96	48669	2	Yrs	Non	0.76	Yrs
8years-Part1	8years	06apr23	50364.06	47844	8	Yrs	Non	4.78	Yrs
8years-Part9	8years	09mar23	50309.06	47799	8	Yrs	Non	4.70	Yrs
3000FC	3000FC	16aug23	50545.06	48019	3000	Cs	Non	2014.00	Cs
8years	8years	09mar23	50309.06	47799	8	Yrs	Non	4.70	Yrs
A4Group	A4 interval	01aug24	50925.72	48412	3000	Hs	Wof	2434.34	Hs
A4Group	A4 interval	01aug24	50925.72	48412	28	Mos	Wof	5.25	Mos
12000FC	12000FC	18dec23	50657.91	48134	12000	Cs	Non	11129.00	Cs

AVIONICS

Designation	Manufacturer	Type	Qty
Weather Radar	Sperry	WR800	1
VHF COM	Honeywell	KTR-908	2
VOR / ILS	Honeywell	KNR-634	2
DME	Honeywell	KDM-706A	2
ADF	Honeywell	KDF-806	1
FDR	L3 Com / Fairchild	F-1000	1
CVR	L3 Com / Fairchild	A200S	1
EGPWS	Honeywell	MK VIII	1
TCAS	Rockwell / Collins	TTR-920	1
FDAU	SFIM	36045172A01	1
GPS system	King	KLN-90B	1
ATC	Rockwell / Collins	TDR94D	1
RAD ALT	Thales	ERT011	1
AP/FD	Honeywell	FZ-600	1
ELT	SOCATA	ELT96 (AP) (AF)	1
AHRU	Honeywell	AH-600	2
ADC	Honeywell	AZ-810	2
Symbol Generator	Honeywell	SG-811	2
Crew Alert	Aerospatiale	350	1
PSEU	ELDEC	8-425-030A	1
RCAU	TEAM	CAU2503AB03	1
PA Amplifier	TEAM	PA2532	1

Aircraft LOPA

