

Specifications ATR-42-500



AIRCRAFT DATA

Model
 Manufacturer's Serial Number
 Date of entry into service
 Current Registration
 Current Operator
Total Time (TSN)
Total Flights (CSN)

ATR 42-500
29-Nov-2004
37681
46106

Aircraft specs as of date:

19-Apr-2026

ENGINES PW127 E/F

Manufacturer Type
 Manufacturer Serial Number
 TSN
 CSN
 TSO
 CSO
 TSHSI
 CSHSI

No. 1 (LH) No. 2 (RH)

	PW127F	PW127F
	EB0190*	EB0126**
	30565	37649
	42130	51064
	3717	1049
	5792	1491
	3717	1049
	5792	1491

* EB0190 currently installed into airframe MSN 513
 ** EB0126 currently installed into airframe MSN 603

LCF (LLP) tables

Engine #1, s/n EB0190

LP Impeller
 HP Impeller
 Cover HPT Front
 HPT Disk
 Cover HPT Rear
 Interstage Air Seal
 LPT Disk
 PT Disk 1st Stage
 PT Disk 2nd Stage
 HPT Blades

	Life Limit, FC	P/N	S/N	CSN	Remaining FC
	15000	3072764-01	EAAF000K711	5792	9208
	15000	3072766-01	A0055TMT	5792	9208
	13043	3039640	A004Y13T	8807	4236
	15000	3041511	A00565NC	5792	9208
	15000	3039639	A0056CLF	5792	9208
	12000	3039172-02	MDA20014068	8807	3193
	15000	3039412	A00512N3	5792	9208
	30000	3038513	A00450BL	13620	16380
	30000	3033914	A0045882	13620	16380
	15000	3115601-01	various, 38ea	5792	9208

Engine #2, s/n EB0126

LP Impeller
 HP Impeller
 Cover HPT Front
 HPT Disk
 Cover HPT Rear
 Interstage Air Seal
 LPT Disk
 PT Disk 1st Stage
 PT Disk 2nd Stage
 HPT Blades

	Life Limit, FC	P/N	S/N	CSN	Remaining FC
	15000	3072764-01	EAAH000A724	1491	13509
	15000	3072766-01	A005FP54	1491	13509
	13043	3039640	A005EFH7	1491	11552
	15000	3041511	A0050YF7	8747	6253
	15000	3039639	A005F75D	1491	13509
	12000	3039172-02	MDA24033035	1491	10509
	15000	3039412	A0050ETX	8747	6253
	30000	3038513	A003AX0E	23089	6911
	30000	3033914	A003ANAD	23089	6911
	15000	3115601-01	various, 38ea	1491	13509

PROPELLERS

TITLE PROPELLER #1 , HS 568F-1, s/n FR20041051 (currently installed in MSN 969)

Prop #1 Hub Assy HT Components

	Hub	Actuator	Adjusting Nut	Transfer Tube
P/N	815470-2	815585-7	814754-1	815587-3
S/N	905	FR2015040084	108	20010311
TBO (FH)	12100	10500	12100	12100
TSO (FH)	8418	2962	2126	5369
Time (FH) to next OH	3682	7538	9974	6731
Next calendar OH due	23-Jul-2028	n/a	n/a	n/a
Note				

Prop #1 Blade Assy

	Blade #1	Blade #2	Blade #3	Blade #4	Blade #5	Blade #6
P/N	R815505-6	R815505-6	R815505-6	R815505-6	R815505-9	R815505-9
S/N	FR201605105RT	FR2018110025RT	FR2018120022RT	FR2020020094RT	FR2023060054RT	FR2024040026RT
TBO (FH)	10500	10500	10500	10500	10500	10500
TSO	4689	2284	1950	5783	4689	1402
Time (FH) to next OH	5811	8216	8550	4717	5811	9098
Next calendar OH due	19-Dec-2030	8-Jan-2032	28-Feb-2032	21-Nov-2029	19-Dec-2030	24-May-2032

TITLE PROPELLER #2 , HS 568F-1, s/n FR20041050 (currently installed in MSN 1201)

Prop #2 Hub Assy HT Components

	Hub	Actuator	Adjusting Nut	Transfer Tube
P/N	815470-2	815585-7	814754-1	815587-3
S/N	2012110158	FR2019090011	119	201505031
TBO (FH)	12100	10500	12100	12100
TSO (FH)	9375	3708	6358	1783
Time (FH) to next OH	2725	6792	5742	10317
Next calendar OH due	22-Jun-2028	n/a	n/a	n/a
Note				

Prop #2 Blade Assy

	Blade #1	Blade #2	Blade #3	Blade #4	Blade #5	Blade #6
P/N	R815505-6	R815505-6	R815505-6	R815505-6	R815505-9	R815505-6
S/N	FR201104033RT	FR201411081RT	FR201502088RT	FR2021090019RT	FR2023060043RT	FR2018020035RT
TBO (FH)	10500	10500	10500	10500	10500	10500
TSO	8860	7333	7407	6746	4171	3397
Time (FH) to next OH	1640	3167	3093	3754	6329	7103
Next calendar OH due	27-Aug-2028	26-May-2029	16-May-2029	16-Aug-2029	29-Sep-2030	31-May-2031

LANDING GEARS

P/N
S/N
CSN
CSO
Remaining FC (TBO 20000 FC)
Calendar due OH (TBO 9YE)
Note

	NLG	MLG (LH)	MLG (RH)
P/N	D22698500-6	D22685500-6	D22686500-6
S/N	B427	MN420	MN420
CSN	37329	38643	37222
CSO	0	1421	0
Remaining FC (TBO 20000 FC)	20000	18579	20000
Calendar due OH (TBO 9YE)	tbd	Jul-2034	tbd
Note	In shop at OH	-	In shop at OH

AIRFRAME MAINTENANCE PROGRAM ACCOMPLISHMENT

	Last done	Interval	Next due	Remaining time	Unit
C check (FH)	31738	8000	39738	2057	FH
2C check (FH)	24293	16000	40293	2612	FH
4C check (FH)	14615	32000	46615	8934	FH
2YE Check	15-Aug-24	24	16-Aug-26	4	MO
4YE Check	15-Aug-24	48	15-Aug-28	28	MO
8YE check	08-Jan-21	96	8-Jan-29	33	MO
12YE check	15-Aug-24	144	15-Aug-36	124	MO
I:3000 FC	44796	3000	47796	1690	FC
I:6000 FC	41913	6000	47913	1807	FC
T:36000/I:9000 FC	41913	9000	50913	4807	FC
T:36000/I:12000 FC	45661	12000	57661	11555	FC

WEIGHTS

	Kg
MTOW	18600
Max. Landing Weight	18300
Basic Operating Weight	11700
Max Zero Fuel Weight	17000
Fuel capacity	4500

