

# Specifications ATR-42-500

MSN 631

HK-5104



### AIRCRAFT DATA

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

<b>ATR 42-500</b>
<b>631</b>
29-Nov-2004
HK-5104
Satena
<b>36741</b>
<b>44776</b>

Aircraft specs as of date:

<b>17-Sep-2025</b>
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### ENGINES PW127 E/F

Manufacturer Type  
 Manufacturer Serial Number  
 TSN  
 CSN  
 TSO  
 CSO  
 TSHSI  
 CSHSI

No. 1 (LH)      No. 2 (RH)

	PW127E	PW127E
Manufacturer Serial Number	<b>EB0190*</b>	<b>EB0126**</b>
TSN	29790	36679
CSN	40872	49663
TSO	2942	79
CSO	4534	90
TSHSI	295	79
CSHSI	4534	90

\* 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
LP Impeller	<b>15000</b>	3072764-01	EAAF000K711	4534	<b>10466</b>
HP Impeller	<b>15000</b>	3072766-01	A0055TMT	4534	<b>10466</b>
Cover HPT Front	<b>13043</b>	3039640	A004Y13T	7549	<b>5494</b>
HPT Disk	<b>15000</b>	3041511	A00565NC	4534	<b>10466</b>
Cover HPT Rear	<b>15000</b>	3039639	A0056CLF	4534	<b>10466</b>
Interstage Air Seal	<b>12000</b>	3039172-02	MDA20014068	7549	<b>4451</b>
LPT Disk	<b>15000</b>	3039412	A00512N3	4534	<b>10466</b>
PT Disk 1st Stage	<b>30000</b>	3038513	A00450BL	12362	<b>17638</b>
PT Disk 2nd Stage	<b>30000</b>	3033914	A0045882	12362	<b>17638</b>
HPT Blades	<b>15000</b>	3115601-01	various, 38ea	2942	<b>12058</b>

#### 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
LP Impeller	<b>15000</b>	3072764-01	tbd	90	<b>14910</b>
HP Impeller	<b>15000</b>	3072766-01	tbd	90	<b>14910</b>
Cover HPT Front	<b>13043</b>	3039640	tbd	90	<b>12953</b>
HPT Disk	<b>15000</b>	3041511	A0050YF7	7346	<b>7654</b>
Cover HPT Rear	<b>15000</b>	3039639	A0050XW6	90	<b>14910</b>
Interstage Air Seal	<b>12000</b>	3039172-02	tbd	90	<b>11910</b>
LPT Disk	<b>15000</b>	3039412	A0050ETX	7346	<b>7654</b>
PT Disk 1st Stage	<b>30000</b>	3038513	A003AX0E	21688	<b>8312</b>
PT Disk 2nd Stage	<b>30000</b>	3033914	A003ANAD	21688	<b>8312</b>
HPT Blades	<b>15000</b>	3115601-01	various, 38ea	90	<b>14910</b>

**PROPELLERS**

**TITLE PROPELLER #1** , HS 568F-1, s/n **FR20041051** (currently installed in ATR42-500 MSN 1203 reg. HK-5130)

**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	2T575-1626	201501013
TBO (FH)	12100	10500	12100	12100
TSO (FH)	7676	2210	9853	8240
Time (FH) to next OH	<b>4424</b>	<b>8290</b>	<b>2247</b>	<b>3860</b>
Next calendar OH due	<b>23-Jul-2028</b>	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	R815505-9	R815505-6	R815505-6	R815505-6	R815505-9
S/N	FR2020020094RT	FR2023060054RT	FR201605105RT	FR2018110025RT	FR2018120022RT	FR2024040026RT
TBO (FH)	10500	10500	10500	10500	10500	10500
TSO	5041	3948	3948	1542	1209	660,08
Time (FH) to next OH	<b>5459</b>	<b>6552</b>	<b>6552</b>	<b>8958</b>	<b>9291</b>	<b>9840</b>
Next calendar OH due	<b>21-Nov-2029</b>	<b>19-Dec-2030</b>	<b>19-Dec-2030</b>	<b>8-Jan-2032</b>	<b>28-Feb-2032</b>	<b>24-May-2032</b>

**TITLE PROPELLER #2** , HS 568F-1, s/n **FR20041050** (currently installed in MSN 631 pos. #1)

**Prop #2 Hub Assy HT Components**

	Hub	Actuator	Adjusting Nut	Transfer Tube
P/N	815470-2	815585-6	814754-1	8155873
S/N	2014110049	FR2014120031	146	201503013
TBO (FH)	12100	10500	12100	12100
TSO (FH)	7744	7744	6352	3064
Time (FH) to next OH	<b>4356</b>	<b>2756</b>	<b>5748</b>	<b>9036</b>
Next calendar OH due	<b>18-Oct-2028</b>	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	FR201502088RT	FR201411081RT	FR2021090019RT	FR2023060043RT	FR2018020035RT
TBO (FH)	10500	10500	10500	10500	10500	10500
TSO	7874	6422	6348	5760	3185	2411
Time (FH) to next OH	<b>2626</b>	<b>4078</b>	<b>4152</b>	<b>4740</b>	<b>7315</b>	<b>8089</b>
Next calendar OH due	<b>27-Aug-2028</b>	<b>16-May-2029</b>	<b>26-May-2029</b>	<b>16-Aug-2029</b>	<b>29-Sep-2030</b>	<b>31-May-2031</b>

**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	37222	37222
CSO	0	0	0
Remaining FC (TBO 20000 FC)	<b>20000</b>	<b>20000</b>	<b>20000</b>
Calendar due OH (TBO 9YE)	<b>tdb</b>	<b>tdb</b>	<b>tdb</b>
Note	In shop at OH	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	<b>39738</b>	2997	FH
2C check (FH)	24293	16000	<b>40293</b>	3552	FH
4C check (FH)	14615	32000	<b>46615</b>	9874	FH
2YE Check	15-Aug-24	24	<b>16-Aug-26</b>	11	MO
4YE Check	15-Aug-24	48	<b>15-Aug-28</b>	35	MO
8YE check	08-Jan-21	96	<b>8-Jan-29</b>	40	MO
12YE check	15-Aug-24	144	<b>15-Aug-36</b>	131	MO
I:3000 FC	41913	3000	<b>44913</b>	137	FC
I:6000 FC	41913	6000	<b>47913</b>	3137	FC
T:36000/I:9000 FC	41913	9000	<b>50913</b>	6137	FC
T:36000/I:12000 FC	33565	12000	<b>45565</b>	789	FC

**WEIGHTS**

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

**AVIONICS EQUIPMENT**

Item	Manufacturer	Model	Qty
VHF COM	COLLINS	VHF-22A	2 ea
ADC	HONEYWELL	AZ-810	2 ea
SSCVR	L-3 COM	A200S	1 ea
ELT	ELTA	ADT406AF	1 ea
SSFDR	L-3 COM	FA2100	1 ea
WEATHER RADAR	HONEYWELL	WU-660	1 ea
VOR / ILS	COLLINS	VIR-32	2 ea
DME	COLLINS	DME-42	2 ea
ATC (MODE S)	ACSS	NXT-600	2 ea
RADIO ALT	TRT	ERT 011	1 ea
EGPWS	HONEYWELL	MK VIII	1 ea
GNSS	HONEYWELL	HT-1000	1 ea
TCAS 7.1	COLLINS	TTR-921	1 ea
ADF	COLLINS	ADF-60A	2 ea
AP/FD	HONEYWELL	FZ-600	1 ea
SYMBOL GENERATOR	HONEYWELL	SG-811	2 ea
FDAU	SAGEM/SFIM	ED34A340	1 ea
MPC	SAGEM	ED35E109	1 ea
HF COMM	COLLINS	HF-9000	1 ea

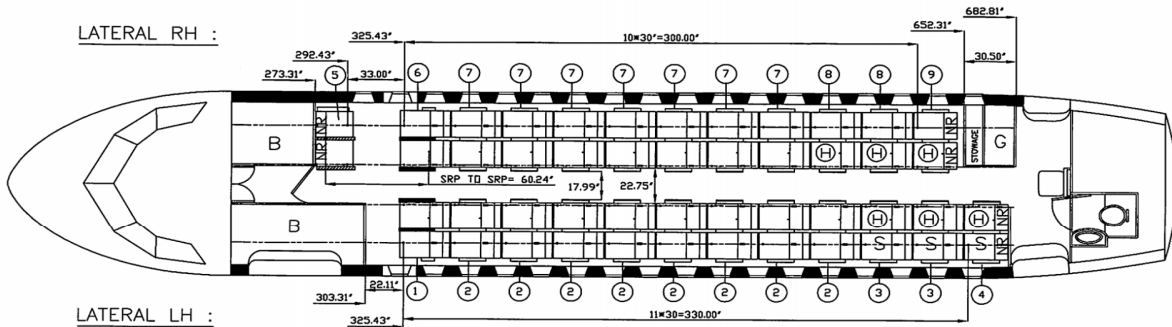
(ADS-B/Out compliant)

**OTHER**

Number of passenger seats: 48, at 30" pitch, blue leather covers  
 Passenger Seating: Brice B1010SS, all except 1RH which is Avio Interiors -Futura  
 Individual Air Outlets: YES  
 Individual Reading Lights: YES  
 Window Blinds: YES  
 Lavatory: YES, 1ea  
 Galley: RH AFT Standard Unit with Oven and 2ea Hot Jugs  
 Reinforced Cockpit Doors NO

**LOPA**

TOP VIEW AT FLOOR LEVEL



ITEM/PN	MANUFACTURER	DESCRIPTION	QTY
1 70690-403-003	BRICE	SEAT ASSY., DOUBLE FJR., LH (40.13") Short wall Arm	1
2 70691-411-003	BRICE	SEAT ASSY., DOUBLE STD., LH (40.38")	8
3 70691-465-003	BRICE	SEAT ASSY., DOUBLE HDCP., Stretcher, LH (40.38")	2
4 70691-467-003	BRICE	SEAT ASSY., DOUBLE HDCP., Stretcher, NO REC., NO FOODTRAY, LH (40.38")	1
5 12PP42H24KX	AVIO	DBL SEAT, IAT RH AFT FACING NO REC, NO RR TBL	1
6 70690-404-003	BRICE	SEAT ASSY., DOUBLE FJR., RH (40.13") Short wall Arm	1
7 70691-412-003	BRICE	SEAT ASSY., DOUBLE STD., RH (40.38")	7
8 70691-462-003	BRICE	SEAT ASSY., DOUBLE HDCP., RH (40.38")	2
9 70691-464-003	BRICE	SEAT ASSY., DOUBLE HDCP., NO REC., NO FOODTRAY, RH (40.38")	1

SEAT CHARACTERISTICS :  
 ■ IN ARM TABLE  
 ⊕ FACILITIES FOR HANDICAPPED  
 S SEAT STRETCHER LOCATION  
 ALL SEAT LOCATING DIMENSIONS ARE TO FRONT STUD CENTERLINE

**NOTES**

Specifications are subject to change due to course of regular maintenance.  
 All data are as reported by operator and subject to verification upon inspection.