



AIRCRAFT TECHNICAL SPECIFICATIONS

ATR 42-500 / MSN 621

GENERAL DESCRIPTION

Aircraft Type / Model:	ATR 42-500	Operator:	SATENA
Serial Number:	621	Previous Operator(s):	AIR TAHITI
Date of Manufacture:	Nov 13-2003	Current Registration:	HK-4949 (FAC-111)
Variable No.	N/A	Country of Registration:	Colombia
Line No.	N/A	Interior Config.:	Passengers

WEIGHTS / FUEL CAPACITY

	Pounds	Kilos
Maximum Take Off Weight:	41.005	18.600
Maximum Landing Weight:	40.344	18.300
Maximum Zero Fuel Weight:	36.816	16.700
Fuel Capacity:	9.920	4.500

CURRENT STATUS

Date	Total Time	Total Cycles
April 30 th , 2016	20807,86	24586

Check	Date of Check	TT at Check	Remaining	Estimate Due Date
1A	17/02/2016	20427,06	123,13	21/05/2016
2A	24/09/2015	19935,61	131,15	22/05/2016
3A	14/06/2015	19354,76	50,83	09/05/2016
4A	09/07/2015	19481,72	671,38	20/08/2016
C	08/04/2015	19211,26	3407,33	19/11/2017
2C	20/10/2011		3833,73	29/01/2018
4C	20/10/2011		13833,73	23/08/2022
T:1YR	17/04/2016	20273,85	12 mo	17/04/2017
I:2YE	19/04/2015	19211,26	12 mo	19/04/2017
T:2YE/2YE	18/04/2015	19211,26	12 mo	18/04/2017
T:4YE/2YE	18/04/2015	19211,26	12 mo	18/04/2017
I:4YE	14/04/2015	19211,26	35,9 mo	14/04/2019
T:4YE/4YE	15/04/2015	19211,26	35,9 mo	15/04/2019
I:8Y	20/10/2011		41,3mo	20/10/2019
T:8YE/4YE	14/04/2015	19211,26	35,9mo	14/04/2019
T:8YE/8YE	20/10/2011		41,3mo	20/10/2019
I:12YE	30/04/2015	19211,26	132mo	30/04/2027
T:12YE/12YE	20/04/2015	19211,26	132mo	20/04/2027

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T:3000FC/I:3000FC	21/04/2015	19211,26	957	28/08/2016
T:18000CY/6000CY	19/09/2011		10124	18/10/2019
T:24000CY/3000CY	15/04/2015	19211,26	957	28/08/2016
T:24000CY/6000CY	15/04/2015	19211,26	3957	07/09/2017
T:24000CY/12000CY	20/04/2015	19211,26	9957	27/09/2019
T:36000CY/3000CY	13-nov-03		11422	28/03/2020
T:36000CY/6000CY	13-nov-03		11422	28/03/2020
T:36000CY/9000CY	13-nov-03		11422	28/03/2020
T:36000CY/12000CY	13-nov-03		11422	28/03/2020
T:36000CY/18000CY	13-nov-03		11422	28/03/2020
T:36000CY/24000CY	13-nov-03		11422	28/03/2002

ENGINES		
	Engine No. 1	Engine No. 2
Manufacturer:	Pratt & Whitney Canada	Pratt & Whitney Canada
Model:	PW127F	PW127F
Serial Number:	EB0164	EB0048
Total Time:	20353,6	23380,8
Total Cycles:	25594	29216
Time Since OVH:	3822,1	4412,0
Cycles Since OVH:	4894	5661
CREM to 1st LLP:	HP IMPELLER	HP IMPELLER
	HP TURBINE DISK	HP TURBINE DISK
	HP TURBINE REAR COVER	HP TURBINE REAR COVER
		LP TURBINE DISK
Last Shop Visit:	25-may-13	22-AUG-2012
Time Since Last Shop Visit:	3914,4	4504,4
RGB S/N	EB0164	EB0048
Time Since OVH:	3822,1	4412,0
Cycles Since OVH:	4894	5661

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ENGINES LLPs at April 30th, 2016		
DESCRIPTION	REMAINING CY	REMAINING CY
	Engine No. 1	Engine No. 2
LP Impeller:	7510	5113
HP Impeller:	4181	675
HP Turbine Disk:	4181	675
HP Turbine Front Cover:	9396	8514
HP Turbine Rear Cover:	4181	675
Interstage Air Seal:	8923	7964
LP Turbine Disk:	10106	675
First Stage PT Disk:	8778	6357
Second Stage PT Disk:	8778	6357

LANDING GEAR			
	NOSE LANDING GEAR	Left	Right
Part Number:	D22698500-3	D22685500-5	D22686500-5
Serial Number:	B335	MN406	MN407
Total Cycles:	29777	29777	29777
TBO	18.000 Cycles/	18.000 Cycles/	18.000 Cycles/
	09 Years	09 Years	09 Years
Date Last Overhaul:	7-AUG-2009	7-AUG-2009	7-AUG-2009
Cycles Since Overhaul:	12231	12231	12231

PROPELLERS		
	Prop No. 1	Prop No. 2
Manufacturer:	Hamilton	Hamilton
Model:	815500-3	815500-03
	HUB PN 815470-2	HUB PN 815470-2
Serial Number:	FR960455	FR20031051
	HUB S/N 45	HUB SN 501
Total Time:	28574,39	20117,62

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DESCRIPTION	S/N	Time Since OVH	Remaining FH	Date OVH YR	Remaining MTHS	NEXT DUE DATE	NEXT FH DUE
PN815500-3//SNFR960455POSLH							
Blade 1-1	FR20020740RT	6613,67	3886,33	11/04/2011	23,5 Mths	11/04/2018	07/02/2018
Blade 1-2	FR20060636RT	6612,98	3887,02	25/03/2011	23 Mths	25/03/2018	07/02/2018
Blade 1-3	FR20020743RT	6393,92	4106,08	30/05/2011	25 Mths	30/05/2018	16/03/2018
Blade 1-4	FR20020350RT	6143,50	4356,50	11/06/2011	25,5 Mths	11/06/2018	26/04/2018
Blade 1-5	FR20060422RT	5718,57	4781,43	12/09/2011	28,5 Mths	12/09/2018	06/07/2018
Blade 1-6	FR2050	4422,50	6077,50	23/10/2012	41,5 Mths	23/10/2019	07/02/2019
Actuator Assembly 1	FR2014120028	425,30	10074,70	10/03/2015	-	-	04/12/2020
OH PROP HUB 1	45	2330,62	8169,39	06/10/2014	65,2 Mths	06/10/2021	22/01/2020
PN815500-3//SNFR20031051POSRH							
Blade 2-1	FR757	6520,50	3979,50	06/01/2011	20,2 Mths	06/01/2018	23/02/2018
Blade 2-2	FR557	6627,35	3872,65	04/07/2011	26,5 Mths	04/07/2018	05/02/2018
Blade 2-3	FR1654	6204,49	4295,51	20/01/2012	32,2 Mths	20/01/2019	16/04/2018
Blade 2-4	FR485	6055,05	4444,95	09/09/2011	28,5 Mths	09/09/2018	11/05/2018
Blade 2-5	FR20020213RT	4712,44	5787,56	10/10/2012	41,5 Mths	10/10/2019	21/12/2018
Blade 2-6	FR1902	2695,70	7804,30	03/09/2014	64,2 Mths	03/09/2021	22/11/2019
Actuator Assembly 2	20040814	9893,75	606,25	04/05/2014	-	-	09/08/2016
OH PROP HUB 2	501	9893,45	606,55	25/06/2009	2 Mths	25/06/2016	09/08/2016

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INTERIOR				
SEATS				
Qty	Deck	Class	Model/Part	Type / Mfr
48	Passenger	-	12PP4Z2H24KX 70690-403-003 70690-404-003 70691-411-003 70691-412-003 70691-462-003 70691-465-003 70691-464-003 70691-467-003	Aviointeriors SRL. and Brice Manufacturing Company, Inc.
1	Flight Attendant	-	1340422G88	Sicma Aero Seat
1	Observer	-	1250822	Sicma Aero Seat
2	Crew	-	3A063-0079-03-4 3A063-0080-03-4	Ipeco Europe Limited Aviation Way

GALLEYS			
Qty	Position	Type / Mfr	Model / Part
1	RH	ELDEC	6528607069

LAVATORIES		
Qty	Location	Type
1	AFTER LH	WASTE / DISPOSAL

AVIONICS				
Description	Manufacturer	Model	P/N	QTY
AP Computer	Honeywell	FZ-600	7003974-608	1
HF	Rockwell Collins	HF-9031A	822-0101-002	2
VHF COM	Collins	VHF 22A	622-6152-031	2
ELT	ELTA	ADT406	01N65900	1
SSFDR	L-3 Communications	FA2100	2100-4043-00	1
SSCVR	L-3 Communications	FA2100	2100-1020-02	1
EFIS Indicator	Honeywell	ED-800	7003110-912	4
Weather WXR Transceiver	Honeywell	WU-660	7021450-601	1
VOR/ILS	Collins	VIR-32	622-6137-201	2
DME	Collins	DME-42	622-6263-003	1
ADF Receiver	Collins	ADF-60A	622-2362-001	2
ATC Transponder Mode S	Collins	TDR-94D	622-9210-005	2
EGPWS	Honeywell	MK VIII	965-1206-011	1
GNSS	Honeywell	HT1000	82425-00-0060	1
TCAS II	Collins	TTR921	822-1293-002	1
LRRA Radio Altimeter	THALES (Thomson)	ERT011	9599-607-14562	1
MPC	SAGEM	ED35E	ED35E109-01-05	1

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