



TECHNICAL SPECIFICATIONS

OF

ATR 72 - 212 A

MSN: 1047

REG: PR - ATZ

(Prepared for Aircraft Leasing & Management Limited)

Status at:

Flight Hours: 7,731.00

Cycles: 6,727.00

Year of Manufacture: 2012

This document represents the Technical Status of the Aircraft and does not constitute a contractual commitment. This document will be updated at time of inspection to reflect the redelivery status of the Aircraft.

Aircraft Technical Specifications



Information Date : 28 July 2016
Aircraft Type : ATR 72 - 212 A
Aircraft Configuration: Passenger
Date of First Flight: 26 September 2012
A/C Age (yrs) : 3.84
Airframe Total Time: 7,731.00
Airframe Total Cycles : 6,727.00
Aircraft Registration : PR - ATZ
Aircraft Serial Number : 1047

ENGINES

Manufacturer : Pratt & Whitney
Model : PW127M

LH ENGINE (No 1)

Manufacturer Type: PW127M
Manufacturer Serial Number: ED0549
Time Since New (TSN): 7,568.00
Cycles Since New (CSN): 6,562.00

RH ENGINE (No 2)

Manufacturer Type: PW127M
Manufacturer Serial Number: ED0547
Time Since New (TSN): 7,731.00
Cycles Since New (CSN): 6,727.00

Turbomachinery

RGB

Manufacturer Serial Number: ED0549 ED0549
Overhaul Limit (mnths): n/a n/a
Overhaul Limit (fhrs): "On Condition" "On Condition"
Time Since Overhaul (TSO): 7,568.00 7,568.00
Cycles Since Overhaul (CSO): 6,562.00 6,562.00
Time to Next Overhaul: n/a n/a
Time Since Hot Section (TSHS): 819.00 n/a

Turbomachinery

RGB

Manufacturer Serial Number: ED0547 ED0547
Overhaul Limit (mnths): n/a n/a
Overhaul Limit (fhrs): "On Condition" "On Condition"
Time Since Overhaul (TSO): 7,731.00 7,731.00
Cycles Since Overhaul (CSO): 6,727.00 6,727.00
Time to Next Overhaul: n/a n/a
Time Since Hot Section (TSHS): 0.00 n/a

PROPELLERS

Manufacturer : HAMILTON SUNDSTRAND

LH PROP

	ASSY	HUB
Manufacturer Serial Number:	FR20120667	2012050054
Type / Part number:	568F-1	815470-2
Overhaul Limit (mnths):	84.00 mths	84.00 mths
Overhaul Limit (fhrs):	10,500.00	10,500.00
Time Since New (TSN):	7,731.00	7,731.00
Time Since Overhaul (TSO):	7,731.00	7,731.00
Time to Next Overhaul:	2,769.00	2,769.00
Installation / Last Overhaul date:	n/a	29/09/2012
Next Overhaul Date:	n/a	26/09/2019
Remaining Months:	n/a	38.01 mths

RH PROP

	ASSY	HUB
Manufacturer Serial Number:	FR20120159	2011100141
Type / Part number:	568F-1	815470-2
Overhaul Limit (mnths):	84.00 mths	84.00 mths
Overhaul Limit (fhrs):	10,500.00	10,500.00
Time Since New (TSN):	7,731.00	7,731.00
Time Since Overhaul (TSO):	7,731.00	7,731.00
Time to Next Overhaul:	2,769.00	2,769.00
Installation / Last Overhaul date:	n/a	30/08/2012
Next Overhaul Date:	n/a	27/08/2019
Remaining Months:	n/a	37.03 mths

LH PROP BLADE INFORMATION :

	BLADE 1	BLADE 2	BLADE 3	BLADE 4	BLADE 5	BLADE 6
Manufacturer Serial Number:	FR201207082RT	FR201206057RT	FR201206060RT	FR201308049RT	FR201202088RT	FR201206064RT
Type / Part number:	R815505-6	R815505-6	R815505-6	R815505-6	R815505-6	R815505-6
Overhaul Limit (mnths):	84.00 mths	84.00 mths	84.00 mths	84.00 mths	84.00 mths	84.00 mths
Overhaul Limit (fhrs):	10,500	10,500	10,500	10,500	10,500	10,500
Time Since New (TSN):	6,206.00	7,731.00	7,731.00	4,576.00	7,571.00	7,731.00
Time Since Overhaul (TSO):	6,206.00	7,731.00	7,731.00	4,576.00	7,571.00	7,731.00
Time to Next Overhaul:	4,294.00	2,769.00	2,769.00	5,924.00	2,929.00	2,769.00
Installation / Last Overhaul date:	29/12/2012	29/09/2012	29/09/2012	28/02/2014	30/06/2012	29/09/2012
Next Overhaul Date:	26/12/2019	26/09/2019	26/09/2019	24/02/2021	27/06/2019	26/09/2019
Remaining Months:	41.01 mths	38.01 mths	38.01 mths	55.02 mths	35.02 mths	38.01 mths

RH PROP BLADE INFORMATION :

	BLADE 1	BLADE 2	BLADE 3	BLADE 4	BLADE 5	BLADE 6
Manufacturer Serial Number:	FR201112111RT	FR201112116RT	FR201201011RT	FR201201017RT	FR201201019RT	FR201201021RT
Type / Part number:	R815505-6	R815505-6	R815505-6	R815505-6	R815505-6	R815505-6
Overhaul Limit (mnths):	84.00 mths	84.00 mths	84.00 mths	84.00 mths	84.00 mths	84.00 mths
Overhaul Limit (fhrs):	10,500	10,500	10,500	10,500	10,500	10,500
Time Since New (TSN):	7,731.00	7,731.00	7,731.00	7,731.00	7,731.00	7,731.00
Time Since Overhaul (TSO):	7,731.00	7,731.00	7,731.00	7,731.00	7,731.00	7,731.00
Time to Next Overhaul:	2,769.00	2,769.00	2,769.00	2,769.00	2,769.00	2,769.00
Installation / Last Overhaul date:	30/08/2012	30/08/2012	30/08/2012	30/08/2012	30/08/2012	30/08/2012
Next Overhaul Date:	27/08/2019	27/08/2019	27/08/2019	27/08/2019	27/08/2019	27/08/2019
Remaining Months:	37.03 mths	37.03 mths	37.03 mths	37.03 mths	37.03 mths	37.03 mths

<u>LANDING GEARS</u>	<u>LH-MLG</u>	<u>RH-MLG</u>	<u>NLG</u>
Manufacturer Serial Number:	MN635	MN633	12812071
Type / Part number:	D23189000-23	D23190000-23	D22698500-6
Overhaul Limit (mnths):	20,000	20,000	18,000
Overhaul Limit (fhirs):	108 mths	108 mths	108 mths
Cycles Since New (CSN):	6,727.00	6,727.00	6,727.00
Cycles Since Overhaul (CSO):	6,727.00	6,727.00	6,727.00
Cycles to Next Overhaul:	13,273.00	13,273.00	11,273.00
Installation / Last Overhaul date:	24/10/2012	24/10/2012	24/10/2012
Next Overhaul Date:	22/10/2021	22/10/2021	22/10/2021
Remaining Months:	62.89 mths	62.89 mths	62.89 mths

<u>SCHEDULED INSPECTIONS</u>	<u>LAST ACTUAL INSP</u>	<u>NEXT INSPECTION</u>	<u>INTERVAL</u>	<u>REMAINING</u>	<u>UOM</u>
Airframe SI (CY)	01/12/2016	01/12/2017	12 mths	16.15 mths	MONTH
Airframe SI (CAL) 2-year	01/12/2016	01/12/2018	24 mths	28.16 mths	MONTH
Airframe SI (CAL) 4-year	01/12/2016	30/11/2020	48 mths	52.17 mths	MONTH
Airframe SI (CAL) 8-year	26/09/2012	24/09/2020	96 mths	49.97 mths	MONTH
12 YEAR CHECK	26/09/2012	23/09/2024	144 mths	97.99 mths	MONTH
1C Checks	4,449.35	9,449.35	5,000.00	5,000.00	FHRS
2C Checks	0.00	10,000.00	10,000.00	10,000.00	FHRS
4C Checks	0.00	20,000.00	20,000.00	12,269.00	FHRS
A - CHECK	7,499.09	7,999.09	500.00	268.00	FHRS
36K CYCLE CHECK	n/a	n/a	36,000.00	29,273.00	CYCLES

<u>AVIONICS MAIN FEATURES</u>	<u>MANUFACTURER</u>	<u>TYPE</u>	
ATC MODE S	ACSS	RCZ-852	2
GNSS	THALES AVIONICS	TOPSTAR 200NG	2
T2CAS	ACSS	TT-950	1
ELT	ELTA	ADT406	1
SSFDR	L3 COMMUNICATION	FA2100	1
INTEGRATED AVIONICS DISPLAY	THALES AVIONICS	IAD68-MK2	5
MULTI PURPOSE COMPUTER	SAGEM	MPC-ED36	1
HF COMM	COLLINS	HF9000	1
RADIO ALTIMETER	THALES COMMUNICATIONS	ERT-550	1
VHF COMMS	ROCKWELL COLLINS	VHF 4000	3
SSCVR	L3 COMMUNICATION	FA2100	1
VOR / ILS	ROCKWELL COLLINS	NAV-4500	1
VOR / ILS / ADF	ROCKWELL COLLINS	NAV-4000	1
WEATHER RADAR	HONEYWELL	WU 660	1

<u>AIRCRAFT WEIGHTS</u>			
Maximum Take Off Weight:	MTOW:	23,000.00 kg	50,706.00 lbs
Maximum Landing Weight:	MLW:	22,350.00 kg	49,273.00 lbs
Operational Empty Weight:	OEW:	13,639.00 kg	30,069.00 lbs
Maximum Zero Fuel Weight:	MZFW:	21,000.00 kg	46,297.00 lbs
Maximum Payload:		7,361.00 kg	16,228.00 lbs
Maximum Fuel:		5,000.00 kg	11,023.00 lbs

<u>PASSENGER SEATS AND GALLEY DESCRIPTION</u>			
Number of Seats:	70	Pitch:	'30
Manufacturer:	GEVEN	Serie:	D1-06
Cover Type:	Leather	Color:	Grey
Reclinable:	Yes		
Hot Jugs:	1		
Half Size Trolley:	3		
Standard Unit:	5		

OTHER FEATURES
ENG PARAMETERS RECORDING SYSTEM
FUEL QTY IN KG
COCKPIT FORCED VENTILATION
INDIVIDUAL AIR OUTLETS
INDIVIDUAL READING LIGHTS
WINDOW BLINDS
REINFORCED COCKPIT DOOR
SECOND ATTENDANT SEAT