



TECHNICAL SPECIFICATIONS

OF

ATR 72 - 212 A

MSN: 1057

REG: PR - AQC

(Prepared for Aircraft Leasing & Management Limited)

Status at:

Flight Hours: 7,245.00

Cycles: 6,292.00

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: 15 November 2012
A/C Age (yrs) : 3.70
Airframe Total Time: 7,245.00
Airframe Total Cycles : 6,292.00
Aircraft Registration : PR - AQC
Aircraft Serial Number : 1057

ENGINES

Manufacturer : Pratt & Whitney
Model : PW127M

LH ENGINE (No 1)

Manufacturer Type: PW127M
Manufacturer Serial Number: ED0581
Time Since New (TSN): 6,917.85
Cycles Since New (CSN): 5,997.00

RH ENGINE (No 2)

Manufacturer Type: PW127M
Manufacturer Serial Number: ED0580
Time Since New (TSN): 6,834.99
Cycles Since New (CSN): 5,925.00

Turbomachinery

RGB

Manufacturer Serial Number: ED0581 ED0581
Overhaul Limit (mnths): n/a n/a
Overhaul Limit (fhrs): "On Condition" "On Condition"
Time Since Overhaul (TSO): 6,917.85 6,917.85
Cycles Since Overhaul (CSO): 5,997.00 5,997.00
Time to Next Overhaul: n/a n/a
Time Since Hot Section (TSHS): 0.00 n/a

Turbomachinery

RGB

Manufacturer Serial Number: ED0580 ED0580
Overhaul Limit (mnths): n/a n/a
Overhaul Limit (fhrs): "On Condition" "On Condition"
Time Since Overhaul (TSO): 6,834.99 6,834.99
Cycles Since Overhaul (CSO): 5,925.00 5,925.00
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:	FR20120850	FR2012080064
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):	7,245.00	7,245.00
Time Since Overhaul (TSO):	7,245.00	7,245.00
Time to Next Overhaul:	3,255.00	3,255.00
Installation / Last Overhaul date:	n/a	29/10/2012
Next Overhaul Date:	n/a	26/10/2019
Remaining Months:	n/a	39.00 mths

RH PROP

	ASSY	HUB
Manufacturer Serial Number:	FR20120851	2012070032
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):	7,245.00	7,245.00
Time Since Overhaul (TSO):	7,245.00	7,245.00
Time to Next Overhaul:	3,255.00	3,255.00
Installation / Last Overhaul date:	n/a	29/10/2012
Next Overhaul Date:	n/a	26/10/2019
Remaining Months:	n/a	39.00 mths

LH PROP BLADE INFORMATION :

	BLADE 1	BLADE 2	BLADE 3	BLADE 4	BLADE 5	BLADE 6
Manufacturer Serial Number:	FR201207057RT	FR201207065RT				
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):	7,245.00	7,245.00				
Time Since Overhaul (TSO):	7,245.00	7,245.00				
Time to Next Overhaul:	3,255.00	3,255.00				
Installation / Last Overhaul date:	29/10/2012	29/10/2012				
Next Overhaul Date:	26/10/2019	26/10/2019				
Remaining Months:	39.00 mths	39.00 mths				

RH PROP BLADE INFORMATION :

	BLADE 1	BLADE 2	BLADE 3	BLADE 4	BLADE 5	BLADE 6
Manufacturer Serial Number:	FR201207066RT	FR201207063RT	FR201006066RT	FR201207058RT	FR201207043RT	FR201206010RT
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):	7,245.00	7,245.00		7,245.00	7,245.00	7,245.00
Time Since Overhaul (TSO):	7,245.00	7,245.00		7,245.00	7,245.00	7,245.00
Time to Next Overhaul:	3,255.00	3,255.00		3,255.00	3,255.00	3,255.00
Installation / Last Overhaul date:	29/10/2012	29/10/2012		29/10/2012	29/10/2012	29/10/2012
Next Overhaul Date:	26/10/2019	26/10/2019		26/10/2019	26/10/2019	26/10/2019
Remaining Months:	39.00 mths	39.00 mths		39.00 mths	39.00 mths	39.00 mths

LANDING GEARS	LH-MLG	RH-MLG	NLG
Manufacturer Serial Number:	MN644	MN644	12813008
Type / Part number:	D23189000-23	D23190000-23	D22698500-6
Overhaul Limit (mths):	20,000	20,000	18,000
Overhaul Limit (fhirs):	108 mths	108 mths	108 mths
Cycles Since New (CSN):	6,292.00	6,292.00	6,292.00
Cycles Since Overhaul (CSO):	6,292.00	6,292.00	6,292.00
Cycles to Next Overhaul:	13,708.00	13,708.00	11,708.00
Installation / Last Overhaul date:	29/11/2012	29/11/2012	29/11/2012
Next Overhaul Date:	27/11/2021	27/11/2021	27/11/2021
Remaining Months:	64.08 mths	64.08 mths	64.08 mths

SCHEDULED INSPECTIONS	LAST ACTUAL INSP	NEXT INSPECTION	INTERVAL	REMAINING	UOM
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	15/11/2012	13/11/2020	96 mths	51.61 mths	MONTH
12 YEAR CHECK	15/11/2012	12/11/2024	144 mths	99.64 mths	MONTH
1C Checks	n/a	n/a	5,000.00	5,000.00	FHRS
2C Checks	n/a	n/a	10,000.00	10,000.00	FHRS
4C Checks	n/a	n/a	20,000.00	12,755.00	FHRS
A - CHECK	n/a	n/a	500.00	500.00	FHRS
36K CYCLE CHECK	n/a	n/a	36,000.00	29,708.00	CYCLES

AVIONICS MAIN FEATURES	MANUFACTURER	TYPE	
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

AIRCRAFT WEIGHTS			
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:	13,550.00 kg	29,871.00 lbs
Maximum Zero Fuel Weight:	MZFW:	21,000.00 kg	46,297.00 lbs
Maximum Payload:		7,451.00 kg	16,425.00 lbs
Maximum Fuel:		5,000.00 kg	11,023.00 lbs

PASSENGER SEATS AND GALLEY DESCRIPTION			
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
TOILET OCCUPIED SIGN