



TECHNICAL SPECIFICATIONS

OF

ATR 72 - 212A / ATR 72 - 600

MSN: 1047

REG: F - WNUA



Status at:

Flight Hours: 7,759.17

Cycles: 6,737.00

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 : 05 December 2017
Aircraft Type : ATR 72 - 212A
Aircraft Configuration: Passenger
Date of Manufacture : 26 September 2012
A/C Age (yrs) : 5.19
Airframe Total Time: 7,759.17
Airframe Total Cycles : 6,737.00
Aircraft Registration : F - WNUA
Aircraft Serial Number : 1047

ENGINES

Manufacturer : Pratt & Whitney
Model : PW127 M

	<u>LH ENGINE (No 1)</u>	<u>RH ENGINE (No 2)</u>
Manufacturer Type:	PW127	PW127
Manufacturer Serial Number:	ED0549	ED0547
Time Since New (TSN):	7,596.17	6,635.90
Cycles Since New (CSN):	6,572.00	5,939.00

	<u>Turbomachinery</u>		<u>RGB</u>		<u>Turbomachinery</u>		<u>RGB</u>	
Manufacturer Serial Number:	ED0549	ED0549	ED0547	ED0547	ED0547	ED0547	ED0547	ED0547
Overhaul Limit (mnths):	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Overhaul Limit (fhrs):	"On Condition"	"On Condition"	"On Condition"	"On Condition"	"On Condition"	"On Condition"	"On Condition"	"On Condition"
Time Since Overhaul (TSO):	7,596.17	7,596.17	6,635.90	6,635.90	6,635.90	6,635.90	6,635.90	6,635.90
Cycles Since Overhaul (CSO):	6,572.00	6,572.00	5,939.00	5,939.00	5,939.00	5,939.00	5,939.00	5,939.00
Time to Next Overhaul:	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Time Since Hot Section (TSHS):	847.40	n/a	2.74	n/a	2.74	n/a	n/a	n/a
Time to Next Hot Section:	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

	<u>LH ENGINE (No 1) ED0549</u>			<u>RH ENGINE (No 2) ED0547</u>		
	<u>Limit</u>	<u>CSN</u>	<u>Remaining</u>	<u>Limit</u>	<u>CSN</u>	<u>Remaining</u>
PT Disk Stg 1	30,000	6,572	23,428	30,000	5,939	24,061
PT Disk Stg 2	30,000	6,572	23,428	30,000	5,939	24,061
HPT Cover Frnt	15,000	8,530	6,470	15,000	6,830	8,170
HPT Cover Rear	15,000	6,575	8,425	15,000	5,940	9,060
HP impeller	15,000	6,584	8,416	15,000	5,941	9,059
HP Turbine Disk	15,000	6,575	8,425	15,000	5,940	9,060
LP impeller	15,000	6,581	8,419	15,000	5,941	9,059
LP Turbine Disk	15,000	6,576	8,424	15,000	5,940	9,060
Interstage seal	15,000	9,576	5,424	15,000	7,424	7,576
HP Turbine Blades	15,000	6,572	8,428	15,000	5,939	9,061

PROPELLERS

Manufacturer : HAMILTON SUNDSTRAND

	<u>LH PROP</u>		<u>RH PROP</u>	
	<u>ASSY</u>	<u>HUB</u>	<u>ASSY</u>	<u>HUB</u>
Manufacturer Serial Number:	FR20120667	2012050054	FR20120159	2011100141
Type / Part number:	568F-1	815470-1	568F-1	815470-2
Overhaul Limit (mnths):	84.00 mths	84.00 mths	84.00 mths	84.00 mths
Overhaul Limit (fhrs):	10,500.00	10,500.00	10,500.00	10,500.00
Time Since New (TSN):	7,759.17	7,759.17	7,759.17	7,759.17
Time Since Overhaul (TSO):	7,759.17	7,759.17	7,759.17	7,759.17
Time to Next Overhaul:	2,740.83	2,740.83	2,740.83	2,740.83
Installation / Last Overhaul date:	28/09/2012	28/09/2012	29/08/2012	29/08/2012
Next Overhaul Date:	25/09/2019	25/09/2019	26/08/2019	26/08/2019
Remaining Months:	21.70 mths	21.70 mths	20.71 mths	20.71 mths

<u>LH PROP BLADE INFORMATION :</u>	<u>BLADE 1</u>	<u>BLADE 2</u>	<u>BLADE 3</u>	<u>BLADE 4</u>	<u>BLADE 5</u>	<u>BLADE 6</u>
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):	6,233.05	7,759.17	7,759.17	4,604.76	7,599.70	7,759.17
Time Since Overhaul (TSO):	6,233.05	7,759.17	7,759.17	4,604.76	7,599.70	7,759.17
Time to Next Overhaul:	4,266.95	2,740.83	2,740.83	5,895.24	2,900.30	2,740.83
Installation / Last Overhaul date:	28/11/2012	28/09/2012	28/09/2012	27/02/2014	29/06/2012	28/09/2012
Next Overhaul Date:	25/11/2019	25/09/2019	25/09/2019	23/02/2021	26/06/2019	25/09/2019
Remaining Months:	23.70 mths	21.70 mths	21.70 mths	38.70 mths	18.70 mths	21.70 mths

<u>RH PROP BLADE INFORMATION :</u>	<u>BLADE 1</u>	<u>BLADE 2</u>	<u>BLADE 3</u>	<u>BLADE 4</u>	<u>BLADE 5</u>	<u>BLADE 6</u>
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):	7,759.17	7,759.17	7,759.17	7,759.17	7,759.17	7,759.17
Time Since Overhaul (TSO):	7,759.17	7,759.17	7,759.17	7,759.17	7,759.17	7,759.17
Time to Next Overhaul:	2,740.83	2,740.83	2,740.83	2,740.83	2,740.83	2,740.83
Installation / Last Overhaul date:	29/08/2012	29/08/2012	29/08/2012	29/08/2012	29/08/2012	29/08/2012
Next Overhaul Date:	26/08/2019	26/08/2019	26/08/2019	26/08/2019	26/08/2019	26/08/2019
Remaining Months:	20.71 mths	20.71 mths	20.71 mths	20.71 mths	20.71 mths	20.71 mths

<u>LANDING GEARS</u>	<u>LH-MLG</u>	<u>RH-MLG</u>	<u>NLG</u>
Manufacturer Serial Number:	MN635	MN633	12B12071
Type / Part number:	D23189000-23	D23190000-23	D22698500-6
Overhaul Limit (mnths):	20,000	20,000	18,000
Overhaul Limit (fhrs):	108 mths	108 mths	108 mths
Cycles Since New (CSN):	6,737.00	6,737.00	6,737.00
Cycles Since Overhaul (CSO):	6,737.00	6,737.00	6,737.00
Cycles to Next Overhaul:	13,263.00	13,263.00	11,263.00
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:	46.61 mths	46.61 mths	46.61 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)	21/06/2017	21/06/2018	12 mths	5.63 mths	MONTH
Airframe SI (CAL) 2-year	21/06/2017	21/06/2019	24 mths	17.63 mths	MONTH
Airframe SI (CAL) 4-year	21/06/2017	20/06/2021	48 mths	41.64 mths	MONTH
Airframe SI (CAL) 8-year	26/09/2012	24/09/2020	96 mths	33.68 mths	MONTH
12 YEAR CHECK	26/09/2012	23/09/2024	144 mths	81.71 mths	MONTH
1C Checks	7,756.00	n/a	5,000.00	4,997.00	FHRS
2C Checks	7,756.00	n/a	10,000.00	9,997.00	FHRS
4C Checks	n/a	n/a	20,000.00	12,241.00	FHRS
36K CYCLE CHECK	n/a	n/a	36,000.00	29,263.00	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 COMMUNUCATION	FA2100	1
INTEGRATED AVIONICS DISPLAY	THALES AVIONICS	IAD68-MK2	5
MULTI PURPOSE COMPUTER	SAGEM	MPC-ED36	1
HF COMM	COLLINS	HF9000	1
RADIO ALTIMETER	ALES COMMUNICATIO	ERT-550	1
VHF COMMS	ROCKWELL COLLINS	VHF 4000	3
SSCVR	L3 COMMUNUCATION	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:	13,639.00 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

PASSENGER SEATS AND GALLEY DESCRIPTION

Number of Seats:	70	Pitch:	'30
Manufacturer:	GEVEN	Serie:	D1-06
Cover Type:	Leather	Color:	Grey
Reclinable:	Yes		

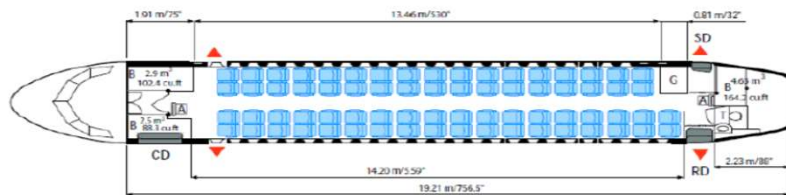
Hot Jugs:	1
Half Size Trolley:	3
Standard Unit:	5

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

ATR 72-600 CABIN LAYOUT - AZUL

FRONT CARGO DOOR - 70 SEATS AT 30° PITCH
With 2° Backrest reclining on last right hand row and A+D TYPE GALLEY



- A : Attendant seat
- B : Baggage compartment
- CD : Cargo door
- G : Galley
- ▲ : Emergency exit
- RD : Rear entrance door
- SD : Service door
- I : Toilet

VOLUMES	m ³	cu.ft
Baggage compartment	10.05	354.9
Baggage per pax	0.144	5.09
Total baggage	13.44	474.6
Total baggage per pax	0.192	6.78