



## **TECHNICAL SPECIFICATIONS**

of

**ATR 72 - 212A / ATR 72 - 600**

**MSN: 1076**

**REG: F - WNUE**



### **Status at:**

**Flight Hours: 6,699.18**

**Cycles: 5,764.00**

**Year of Manufacture: 2013**

*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 :** 01 March 2013  
**A/C Age (yrs) :** 4.77  
**Airframe Total Time:** 6,699.18  
**Airframe Total Cycles :** 5,764.00  
**Aircraft Registration :** F - WNUUE  
**Aircraft Serial Number :** 1076

### 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:	ED0632	ED0633
Time Since New (TSN):	6,376.20	6,699.18
Cycles Since New (CSN):	5,508.00	5,764.00

	<u>Turbomachinery</u>	<u>RGB</u>	<u>Turbomachinery</u>	<u>RGB</u>
Manufacturer Serial Number:	ED0632	ED0632	ED0633	ED0633
Overhaul Limit (mnlths):	n/a	n/a	n/a	n/a
Overhaul Limit (fhrs):	"On Condition"	"On Condition"	"On Condition"	"On Condition"
Time Since Overhaul (TSO):	6,376.20	6,376.20	6,699.18	6,699.18
Cycles Since Overhaul (CSO):	5,508.00	5,508.00	5,764.00	5,764.00
Time to Next Overhaul:	n/a	n/a	n/a	n/a
Time Since Hot Section (TSHSI):	624.57	n/a	0.00	n/a

	<u>LH ENGINE (No 1) ED0632</u>			<u>RH ENGINE (No 2) ED0633</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	5,508	24,492	30,000	5,764	24,236
PT Disk Stg 2	30,000	5,508	24,492	30,000	5,764	24,236
HPT Cover Frnt	15,000	5,595	9,405	15,000	6,632	8,368
HPT Cover Rear	15,000	5,512	9,488	15,000	5,766	9,234
HP impeller	15,000	563	14,437	15,000	5,774	9,226
HP Turbine Disk	15,000	5,512	9,488	15,000	5,766	9,234
LP impeller	15,000	560	14,440	15,000	5,771	9,229
LP Turbine Disk	15,000	5,512	9,488	15,000	5,767	9,233
Interstage seal	15,000	5,656	9,344	15,000	8,770	6,230
HP Turbine Blades	15,000	5,508	9,492	15,000	5,764	9,236

### 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:	FR20121059	2012090071	FR20121060	2012090093
Type / Part number:	568F-1	815470-2	568F-1	815470-2
Overhaul Limit (mnlths):	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):	6,699.18	6,699.18	6,699.18	6,699.18
Time Since Overhaul (TSO):	6,699.18	6,699.18	6,699.18	6,699.18
Time to Next Overhaul:	3,800.82	3,800.82	3,800.82	3,800.82
Installation / Last Overhaul date:	24/01/2013	24/01/2013	24/01/2013	24/01/2013
Next Overhaul Date:	21/01/2020	21/01/2020	21/01/2020	21/01/2020
Remaining Months:	25.58 mths	25.58 mths	25.58 mths	25.58 mths

<b>LH PROP BLADE INFORMATION :</b>	<b>BLADE 1</b>	<b>BLADE 2</b>	<b>BLADE 3</b>	<b>BLADE 4</b>	<b>BLADE 5</b>	<b>BLADE 6</b>
Manufacturer Serial Number:	FR201108074RT	FR201209093RT	FR201210030RT	FR201210046RT	FR201210053RT	FR201210055RT
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):	6,699.18	6,699.18	6,699.18	6,699.18	6,699.18	6,699.18
Time Since Overhaul (TSO):	6,699.18	6,699.18	6,699.18	6,699.18	6,699.18	6,699.18
Time to Next Overhaul:	3,800.82	3,800.82	3,800.82	3,800.82	3,800.82	3,800.82
Installation / Last Overhaul date:	24/01/2013	24/01/2013	24/01/2013	24/01/2013	24/01/2013	24/01/2013
Next Overhaul Date:	21/01/2020	21/01/2020	21/01/2020	21/01/2020	21/01/2020	21/01/2020
Remaining Months:	25.58 mths	25.58 mths	25.58 mths	25.58 mths	25.58 mths	25.58 mths

<b>RH PROP BLADE INFORMATION :</b>	<b>BLADE 1</b>	<b>BLADE 2</b>	<b>BLADE 3</b>	<b>BLADE 4</b>	<b>BLADE 5</b>	<b>BLADE 6</b>
Manufacturer Serial Number:	FR201209075RT	FR201209094RT	FR201107012RT	FR201210023RT	FR201210025RT	FR201210043RT
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):	6,699.18	6,699.18	7,884.00	6,699.18	6,699.18	6,699.18
Time Since Overhaul (TSO):	6,699.18	6,699.18	7,884.00	6,699.18	6,699.18	6,699.18
Time to Next Overhaul:	3,800.82	3,800.82	2,616.00	3,800.82	3,800.82	3,800.82
Installation / Last Overhaul date:	24/01/2013	24/01/2013	27/07/2011	24/01/2013	24/01/2013	24/01/2013
Next Overhaul Date:	21/01/2020	21/01/2020	23/07/2018	21/01/2020	21/01/2020	21/01/2020
Remaining Months:	25.58 mths	25.58 mths	7.59 mths	25.58 mths	25.58 mths	25.58 mths

<b>LANDING GEARS</b>	<b>LH-MLG</b>	<b>RH-MLG</b>	<b>NLG</b>
Manufacturer Serial Number:	MN664	MN664	12B13257
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):	5,764.00	5,764.00	5,764.00
Cycles Since Overhaul (CSO):	5,764.00	5,764.00	5,764.00
Cycles to Next Overhaul:	14,236.00	14,236.00	12,236.00
Installation / Last Overhaul date:	16/03/2013	16/03/2013	16/03/2013
Next Overhaul Date:	14/03/2022	14/03/2022	14/03/2022
Remaining Months:	51.32 mths	51.32 mths	51.32 mths

<b>SCHEDULED INSPECTIONS</b>	<b>LAST ACTUAL INSP</b>	<b>NEXT INSPECTION</b>	<b>INTERVAL</b>	<b>REMAINING</b>	<b>UOM</b>
Airframe SI (CY)	11/07/2017	11/07/2018	12 mths	7.17 mths	MONTH
Airframe SI (CAL) 2-year	11/07/2017	11/07/2019	24 mths	19.18 mths	MONTH
Airframe SI (CAL) 4-year	11/07/2017	10/07/2021	48 mths	43.19 mths	MONTH
Airframe SI (CAL) 8-year	01/03/2013	27/02/2021	96 mths	38.82 mths	MONTH
12 YEAR CHECK	01/03/2013	26/02/2025	144 mths	86.84 mths	MONTH
1C Checks	6,695.00	n/a	5,000.00	4,996.00	FHRS
2C Checks	6,695.00	n/a	10,000.00	9,996.00	FHRS
4C Checks	n/a	n/a	20,000.00	13,301.00	FHRS
36K CYCLE CHECK	n/a	n/a	36,000.00	30,236.00	CYCLES

<b>AVIONICS MAIN FEATURES</b>	<b>MANUFACTURER</b>	<b>TYPE</b>	
ATC MODE S	ACSS	RCZ-852	2
GNSS	THALES AVIONICS	TOPSTAR 200NG	2
T2CAS	ACSS	TT-950	1
ELT	ELTA	ADT406	1
SSFDR	3 COMMUNUCATIO	FA2100	1
INTEGRATED AVIONICS DISPLAY	THALES AVIONICS	IAD68-MK2	5
MULTI PURPOSE COMPUTER	SAGEM	MPC-ED36	1
HF COMM	COLLINS	HF9000	1
RADIO ALTIMETER	LES COMMUNICATI	ERT-550	1
VHF COMMS	ROCKWELL COLLINS	VHF 4000	3
SSCVR	3 COMMUNUCATIO	FA2100	1
VOR / ILS	ROCKWELL COLLINS	NAV-4500	2
VOR / ILS / ADF	ROCKWELL COLLINS	NAV-4000	2
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:	13,580.00 kg	29,938.00 lbs
Maximum Zero Fuel Weight:	MZFW:	21,000.00 kg	46,297.00 lbs
Maximum Payload:		7,420.00 kg	16,358.00 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:	No		

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
- PASSENGER ADDRESS TAPE REPRODUCER
- 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

