



TECHNICAL SPECIFICATIONS

OF

ATR 72 - 212A / ATR 72 - 600

MSN: 1057

REG: F - WNUB



Status at:

Flight Hours: 7,271.09

Cycles: 6,303.00

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: 7,271.09
Airframe Total Cycles : 6,303.00
Aircraft Registration : F - WNUB
Aircraft Serial Number : 1057

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:	ED0581	ED0580
Time Since New (TSN):	6,944.24	6,860.38
Cycles Since New (CSN):	6,008.00	5,936.00

	<u>Turbomachinery</u>	<u>RGB</u>	<u>Turbomachinery</u>	<u>RGB</u>
Manufacturer Serial Number:	ED0581	ED0581	ED0580	ED0580
Overhaul Limit (mnths):	n/a	n/a	n/a	n/a
Overhaul Limit (fhrs):	"On Condition"	"On Condition"	"On Condition"	"On Condition"
Time Since Overhaul (TSO):	6,944.24	6,944.24	6,860.38	6,860.38
Cycles Since Overhaul (CSO):	6,008.00	6,008.00	5,936.00	5,936.00
Time to Next Overhaul:	n/a	n/a	n/a	n/a
Time Since Hot Section (TSHSI):	26.39	n/a	26.39	n/a

ENGINE ROTABLE - LIFE LIMITS

	<u>LH ENGINE (No 1) ED0581</u>			<u>RH ENGINE (No 2) ED0580</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	6,008	23,992	30,000	5,936	24,064
PT Disk Stg 2	30,000	6,008	23,992	30,000	5,936	24,064
HPT Cover Frnt	15,000	7,188	7,812	15,000	1,968	13,032
HPT Cover Rear	15,000	6,012	8,988	15,000	5,940	9,060
HP impeller	15,000	6,026	8,974	15,000	5,954	9,046
HP Turbine Disk	15,000	6,012	8,988	15,000	5,940	9,060
LP impeller	15,000	6,021	8,979	15,000	5,949	9,051
LP Turbine Disk	15,000	6,013	8,987	15,000	5,941	9,059
Interstage seal	15,000	7,819	7,181	15,000	3,011	11,989
HP Turbine Blades	15,000	6,008	8,992	15,000	5,936	9,064

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:	FR20120850	FR2012080064	FR20120851	2012070032
Type / Part number:	568F-1	815470-2	568F-1	815470-2
Overhaul Limit (mnths):	84.00 mnths	84.00 mnths	84.00 mnths	84.00 mnths
Overhaul Limit (fhrs):	10,500.00	10,500.00	10,500.00	10,500.00
Time Since New (TSN):	7,271.09	7,271.09	7,271.09	7,271.09
Time Since Overhaul (TSO):	7,271.09	7,271.09	7,271.09	7,271.09
Time to Next Overhaul:	3,228.91	3,228.91	3,228.91	3,228.91
Installation / Last Overhaul date:	26/10/2012	26/10/2012	26/10/2012	26/10/2012
Next Overhaul Date:	23/10/2019	23/10/2019	23/10/2019	23/10/2019
Remaining Months:	22.62 mnths	22.62 mnths	22.62 mnths	22.62 mnths

LH PROP BLADE INFORMATION :

	<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:	FR201302105RT	FR201304903RT	FR201202062RT	FR201207065RT	FR201207057RT	FR201206063RT
Type / Part number:	R815505-6	R815505-6	R815505-6	R815505-6	R815505-6	R815505-6
Overhaul Limit (mnths):	84.00 mnths	84.00 mnths	84.00 mnths	84.00 mnths	84.00 mnths	84.00 mnths
Overhaul Limit (fhrs):	10,500	10,500	10,500	10,500	10,500	10,500
Time Since New (TSN):	6,267.30	2,629.80	6,963.30	7,271.10	7,271.10	6,508.00
Time Since Overhaul (TSO):	6,267.30	2,629.80	6,963.30	7,271.10	7,271.10	6,508.00
Time to Next Overhaul:	4,232.70	7,870.20	3,536.70	3,228.90	3,228.90	3,992.00
Installation / Last Overhaul date:	30/04/2013	25/10/2014	12/04/2012	31/10/2012	31/10/2012	12/10/2012
Next Overhaul Date:	26/04/2020	21/10/2021	09/04/2019	28/10/2019	28/10/2019	09/10/2019
Remaining Months:	28.74 mnths	46.60 mnths	16.14 mnths	22.78 mnths	22.78 mnths	22.16 mnths

RH PROP BLADE INFORMATION :	BLADE 1	BLADE 2	BLADE 3	BLADE 4	BLADE 5	BLADE 6
Manufacturer Serial Number:	FR201206010RT	FR201207066RT	FR201207063RT	FR201006066RT	FR201207058RT	FR201207043RT
Type / Part number:	R815505-6	R815505-6	R815505-6	R815505-6	R815505-6	R815505-6
Overhaul Limit (mths):	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):	7,271.10	7,271.10	7,271.10	12,988.30	7,271.10	7,271.10
Time Since Overhaul (TSO):	7,271.10	7,271.10	7,271.10	5,053.30	7,271.10	7,271.10
Time to Next Overhaul:	3,228.90	3,228.90	3,228.90	5,446.70	3,228.90	3,228.90
Installation / Last Overhaul date:	30/10/2012	30/10/2012	30/10/2012	26/07/2013	30/10/2012	30/10/2012
Next Overhaul Date:	27/10/2019	27/10/2019	27/10/2019	22/07/2020	27/10/2019	27/10/2019
Remaining Months:	22.75 mths	22.75 mths	22.75 mths	31.60 mths	22.75 mths	22.75 mths

LANDING GEARS	LH-MLG	RH-MLG	NLG
Manufacturer Serial Number:	MN644	MN644	12B13008
Type / Part number:	D23189000-23	D23190000-23	D22698500-6
Overhaul Limit (mths):	20,000	20,000	18,000
Overhaul Limit (fhrs):	108 mths	108 mths	108 mths
Cycles Since New (CSN):	6,303.00	6,303.00	6,303.00
Cycles Since Overhaul (CSO):	6,303.00	6,303.00	6,303.00
Cycles to Next Overhaul:	13,697.00	13,697.00	11,697.00
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:	47.80 mths	47.80 mths	47.80 mths

SCHEDULED INSPECTIONS	LAST ACTUAL INSP	NEXT INSPECTION	INTERVAL	REMAINING	UOM
Airframe SI (CY)	28/06/2017	28/06/2018	12 mths	6.74 mths	MONTH
Airframe SI (CAL) 2-year	28/06/2017	28/06/2019	24 mths	18.75 mths	MONTH
Airframe SI (CAL) 4-year	28/06/2017	27/06/2021	48 mths	42.76 mths	MONTH
Airframe SI (CAL) 8-year	15/11/2012	13/11/2020	96 mths	35.33 mths	MONTH
12 YEAR CHECK	15/11/2012	12/11/2024	144 mths	83.36 mths	MONTH
1C Checks	7,268.00	n/a	5,000.00	4,997.00	FHRS
2C Checks	7,268.00	n/a	10,000.00	9,997.00	FHRS
4C Checks	n/a	n/a	20,000.00	12,729.00	FHRS
36K CYCLE CHECK	n/a	n/a	36,000.00	29,697.00	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 COMMUNICATION	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

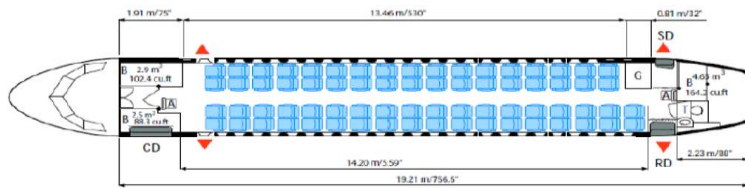
Hot Jugs: 1
 Half Size Trolley: 3
 Standard Unit: 5

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

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