



# Aircraft Technical Specifications

**Information Date :** 18/02/2019  
**Aircraft Type :** ATR72-212A  
**Aircraft configuration:** PASSENGER  
**Date of manufacture :** 03/03/2008  
**Airframe Total Time:** 18 039

**Registration :** SE-MDA  
**Aircraft MSN :** 778  
**Aircraft Operator :** BRAATHENS  
**Aircraft Status :** In Maintenance  
**Airframe Total Cycles :** 20 316

**ENGINES:**

**Manufacturer :** PRATT & WHITNEY CANADA  
**Model :** PW127F  
**Overhaul limit (fhrs) :** On condition  
**Part Number :** 3047600  
**Serial Number :** EB0364  
**TSN :** 17337  
**CSN :** 19 546  
**TSO :** 4 076  
**TSHSR :** 430

**Left hand engine**

PRATT & WHITNEY CANADA

PW127F

**Turbomachinery**

On condition

3047600

EB0364

17337

19 546

4 076

430

**Right hand engine**

PRATT & WHITNEY CANADA

PW127F

**Turbomachinery**

On condition

3047600

EB0365

17 459

19 592

4 031

4 031

	<u>Limit</u>	<u>Since New</u>	<u>Remaining</u>		<u>Limit</u>	<u>Since New</u>	<u>Remaining</u>
1st Stage PT Disk	30 000	495	29'505		30 000	19'592	10'408
2nd Stage PT Disk	30 000	19'546	10'454		30 000	19'592	10'408
HP Cover - front (FCF=1,15)	15 000	7'813	5'230		15 000	10'324	2'719
HP Cover - rear	15 000	4'665	10'335		15 000	4'592	10'408
HP Impeller	15 000	4'665	10'335		15 000	4'592	10'408
HP Turbine Disk	15 000	4'665	10'335		15 000	4'592	10'408
LP Impeller	15 000	4'665	10'335		15 000	4'592	10'408
LP Turbine Disk	15 000	4'665	10'335		15 000	4'592	10'408
Interstage air seal (FCF=1,25)	15 000	7'813	4'187		15 000	10'324	1'676
HPT Blades	15 000	430 H			15 000	4031 H	
1st Stage PT Blades	20 000	6526 H			20 000	4031 H	

NOTE: ALL ENGINE LIFE LIMITED PARTS ARE SUBJECT TO LIFE LIMIT IN FLIGHT CYCLES. ONLY 1ST STAGE PT BLADES AND LPT BLADES ARE SUBJECT TO FLIGHT HOURS (SOFT TIME)

**PROPELLERS:**

**Manufacturer :** HAMILTON SUNDSTRAND  
**Model :** 568F-1

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**Model :** 568F-1

**Left Hand Propeller Assembly**

**Part number :** 815500-3  
**Serial number :** FR20071256  
**Time Since New :** 17 825  
**Time Since Installation :** 9 967

**Right Hand Propeller Assembly**

**Part number :** 815500-3  
**Serial number :** FR20100755  
**Time Since New :** 12 592  
**Time Since Installation :** 617

**Left Hand Propeller Hub**

**Part number :** 815470-2  
**Serial number :** 862  
**Overhaul limit (mnths) :** 84  
**Overhaul limit (fhrs) :** 10 500  
**FH to next overhaul :** 533  
**Next Overhaul date :** 10 june.2019

**Right Hand Propeller Hub**

**Part number :** 815470-2  
**Serial number :** 2010031141  
**Overhaul limit (mnths) :** 84  
**Overhaul limit (fhrs) :** 10 500  
**FH to next overhaul :** 7 721  
**Next Overhaul date :** 19.Apr.2024

**Left Hand Propeller Actuator**

**Part number :** 815585-7  
**Serial number :** 20071212  
**Overhaul limit (fhrs) :** 10 500  
**FH to next overhaul :** 533

**Right Hand Propeller Actuator**

**Part number :** 815585-7  
**Serial number :** 2010060014  
**Overhaul limit (fhrs) :** 10 500  
**FH to next overhaul :** 7 721

**Left Hand Propeller Transfer Tube**

**Part number :** 815587-1  
**Serial number :** 20071128  
**Overhaul limit (fhrs) :** 12 100  
**FH to next overhaul :** 2 133

**Right Hand Propeller Transfer Tube**

**Part number :** 815587-1  
**Serial number :** 201003025  
**Overhaul limit (fhrs) :** 12 100  
**FH to next overhaul :** 9 321

**Left Hand Propeller Adjusting Nut**

**Part number :** 814754-1  
**Serial number :** 570  
**Overhaul limit (fhrs) :** 10 500  
**FH to next overhaul :** 533

**Right Hand Propeller Adjusting Nut**

**Part number :** 814754-1  
**Serial number :** 961  
**Overhaul limit (fhrs) :** 10 500  
**FH to next overhaul :** 7 721

**LEFT HAND PROPELLER BLADES 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>
Part number :	R815505-6	R815505-6	R815505-6	R815505-6	R815505-6	R815505-6
Serial number :	FR201202086RT	FR200712058RT	FR200707102RT	FR200712057RT	FR200710028RT	
Overhaul limit (fhhrs):	10 500	10 500	10 500	10 500	10 500	10 500
Overhaul limit (mnths):	84	84	84	84	84	84
FH to next overhaul :	533	533	533	2 305	533	
Next Overhaul date :	10.Jun.2019	10.Jun.2019	10.Jun.2019	09.Jun.2020	10.Jun.2019	10.Jun.2019

**RIGHT HAND PROPELLER BLADES 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>
Part number :	R815505-6	R815505-6	R815505-6	R815505-6	R815505-6	R815505-6
Serial number :	FR201007033RT	FR201007034RT	FR201007042RT	FR201007037RT	FR201007038RT	FR201007039RT
Overhaul limit (fhhrs):	10 500	10 500	10 500	10 500	10 500	10 500
Overhaul limit (mnths):	84	84	84	84	84	84
FH to next overhaul :	7 721	7 721	7 721	7 721	7 721	7 721
Next Overhaul date :	19.Apr.2024	19.Apr.2024	19.Apr.2024	19.Apr.2024	19.Apr.2024	19.Apr.2024

**LANDING GEAR :**

Manufacturer : Messier Bugatti Dowty

	<u>NOSE LEG ASSEMBLY</u>	<u>DRAG BRACE</u>	<u>LH MAIN LEG ASSY</u>	<u>LH SIDE BRACE</u>	<u>RH MAIN LEG ASSY</u>	<u>RH SIDE BRACE</u>
Part number :	D22698500-6	D22703500-3	D23189000-23/B	D23219000-5/B	D23190000-23/B	D23220000-5/B
Serial number :	B570	B576	MN519	MN526	MN519	MN530
Overhaul limit (mnths):	108	108	108	108	108	108
Overhaul limit (cycles):	20 000	20 000	20 000	20 000	20 000	20 000
CSO :	3 000	3 000	15 873	15 873	15 873	15 873
Cycles to next overhaul :	17 000	17 000	4 127	4 127	4 127	4 127
Next Overhaul date :	02.Oct.25	02.Oct.25	19.aug.2019	19.aug.2019	19.aug.2019	19.aug.2019

**SCHEDULED INSPECTIONS :**

AIRCRAFT UNDER LOW UTILISATION PROGRAM

<u>Event Description</u>	<u>Last actual inspection</u>	<u>Remaining FH/FC or DUE DATE</u>		<u>Interval</u>
1A	18 039	500	FH	500
1C	16 623	3 584	FH	5 000
2C	9 063	1 023	FH	10 000
4C	0	1 960	FH	20 000
1YE	31.Jul.2018		31/07/2019	12
2YE	26.Jan.2018		17/01/2020	24
4YE	17.Jan.2016		17/01/2020	48
8YE	17.Jan.2016		17.Jan.2024	96
12YE	NA		03/03/2020	144

**AVIONICS & MAIN EQUIPMENT LIST:**

<u>Designation :</u>	<u>Part Number :</u>	<u>Designation :</u>	<u>Part Number :</u>
ADF RECEIVER 1	622-2362-001		
ADF RECEIVER 2	622-2362-001		
ADF CONTROL PANEL 1	822-2180-003		
ADF CONTROL PANEL 2	822-2180-003		
AHRU 1	7003360-946		
AHRU 2	7003360-946		
ATC 1	622-9210-108		
ATC 2	622-9210-108		
AUTO PILOT COMPUTER	7003974-606		
CVR	2100-1020-02		
CVR/FDR ULB	266-E5542-00		
DME REVEIVER 1	622-6263-003		
DME RECEIVER 2	622-6263-003		
EFIS L BOTTOM	7003110-912		
EFIS L TOP	7003110-912		
EFIS R BOTTOM	7003110-912		
EFIS R TOP	7003110-912		

EGPWS	965-1206-011
ELT	01N65900
FDAU	ED34A350
FDR	2100-4043-00

**CABIN :**

72 passenger seats in blue leather