

Aircraft Technical Specifications

Information Date : 31-Aug-2023
Aircraft Type : ATR72-212A (500)
Aircraft configuration: Passenger
First flight : 2-Dec-2003
Airframe Total Time: 36,035
Aircraft situation : Maintenance - Delivery works

Aircraft Registration : TBA
Aircraft Ser. Number : TBA
Aircraft Location : S.E.Asia
Last recorded flight : 13-Dec-2022
Airframe Total Cycles : 34,742

ENGINES:

Manufacturer :	PRATT & WHITNEY	PRATT & WHITNEY
Model :	PW127F	PW127F
Position :	LEFT # 1	RIGHT # 2

TURBOMACHINERY

Overhaul limit (fhrs) :	On condition
TMM serial number :	AV0084
TMM TSN :	39,302
TMM CSN :	37,722
TMM TSO :	6,137
TMM TSHSI :	6,137
LIMITATION BY LAST BSI :	1000 FH

TURBOMACHINERY

Overhaul limit (fhrs) :	On condition
TMM serial number :	EB0147
TMM TSN :	32,576
TMM CSN :	31,595
TMM TSO :	3,704
TMM TSHSI :	3,704
LIMITATION BY LAST BSI :	1500 FH

engine fresh from FOD repair and hot section access

REDUCTION GEARBOX

RGB serial number :	AV0084
RGB TSN :	39,302
RGB CSN :	37,722
RGB TSO :	6,137

REDUCTION GEARBOX

RGB serial number :	EB0147
RGB TSN :	32,576
RGB CSN :	31,595
RGB TSO :	3,704

Engine Life Limited Parts

Left hand engine

Right hand engine

	<u>Limit</u>	<u>CSN</u>	<u>Remaining</u>		<u>Limit</u>	<u>CSN</u>	<u>Remaining</u>
Cover, HP Turbine Front	15000	9,255	5,745		15000	9,997	5,003
Cover, HP Turbine Rear	15000	9,830	5,170		15000	3,760	11,240
Disk, HP, Turbine	15000	9,830	5,170		15000	3,760	11,240
Impeller, HP	15000	5,559	9,441		15000	2,370	12,630
HP Blades	15000	950	14,050		15000	0	15,000
Disk LP, Turbine	15000	9,830	5,170		15000	3,760	11,240
Impeller, LP	15000	5,559	9,441		15000	0	15,000
Disk, PT 1st Stage	30000	9,830	20,170		30000	3,760	26,240
Disk, PT 2nd Stage	30000	9,830	20,170		30000	3,760	26,240
Seal Air Interstage	15000	10,210	4,790		15000	4,700	10,300

PROPELLERS:

Manufacturer :
Model :

HAMILTON SUNDSTRAND
586F-1

HAMILTON SUNDSTRAND
586F-1

Left Hand Propeller Assembly

Serial number :

FR2018060018

Right Hand Propeller Assembly

FR2018060019

Left Hand Propeller Hub

Part number :
Serial number :
Overhaul limit (mnths) :
Overhaul limit (fhrs) :
TSO :
FH to next overhaul :
Next OVH Date :

815470-2
2018030011
84
10,500
6,138
4,362
13-Jul-2025

Right Hand Propeller Hub

815470-2
2018030033
10,500
84
6,074
4,426
13-Jul-2025

LEFT HAND PROPELLER 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>
Part number :	R815505-6	R815505-6	R815505-6	R815505-6	R815505S3W	R815505-6
Serial number :	FR2018040034RT	FR200809035RT	FR201211122RT	FR2018050011RT	FR20020635RT	FR2018050045RT
Overhaul limit (fhrrs):	10,500	10,500	10,500	10,500	10,500	10,500
Overhaul limit (mnths):	84	84	84	84	84	84
TSO :	6,074	1,270	5,093	5,788	6,436	5,208
Time to next overhaul :	4,426	9,230	5,407	4,712	4,064	5,292
Next OVH Date :	13-Jul-2025	8-Jan-2026	9-Dec-2025	13-Jul-2025	26-Aug-2025	13-Jul-2025

RIGHT HAND PROPELLER 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>
Part number :	R815505S3W	R815505-6	R815505-6	R815505-6	R815505-6	R815505-6
Serial number :	FR20020913RT	FR20070191RT	FR201112080RT	FR20070687RT	FR2017060057RT	FR2017010153RT
Overhaul limit (fhrrs):	10,500	10,500	10,500	10,500	10,500	10,500
Overhaul limit (mnths):	84	84	84	84	84	84
TSO :	5	381	5,488	2,488	7,447	6,858
Time to next overhaul :	10,495	10,119	5,012	8,012	3,053	3,642
Next OVH Date :	28-Oct-2028	23-Dec-2025	28-Mar-2026	25-Nov-2025	15-Mar-2025	1-Sep-2025

LANDING GEARS :

Manufacturer : Messier Bugatti Dowty

	<u>LH LEG ASSEMBLY</u>	<u>RH LEG ASSEMBLY</u>	<u>NOSE LEG ASSEMBLY</u>
Part number :	D23190000-21	D23190000-21	D22698172-107
Serial number :	MN311	MN280	B458
Overhaul limit (months):	108	108	108
Overhaul limit (cycles) :	20,000	20,000	20,000
CSO :	7	7	7
Cycles to next overhaul :	19,993	19,993	19,993
Next OVH date :	1-Aug-2029	1-Aug-2029	1-Aug-2029

SCHEDULED INSPECTIONS :

<u>Event Description</u>	<u>Last actual insp</u>	<u>Remaining / Due Date</u>		<u>Interval</u>
1A	36,026	741	750	FH
2A	36,026	1,491	1500	FH
3A	36,026	2,241	2250	FH
4A	36,026	2,991	3000	FH
1C	35,075	7,040	8,000	FH
2C	30,130	10,095	16,000	FH
4C	30,130	26,095	32,000	FH
1YE	FRESH (expect SEP 2023)	as per the CRS date	12	MONTHS
2YE	FRESH (expect SEP 2023)	as per the CRS date	24	MONTHS
4YE	16-Oct-2020	16-Oct-2024	48	MONTHS
8YE	16-Oct-2020	16-Oct-2027	96	MONTHS
12YE	9-Oct-2015	9-Oct-2027	144	MONTHS
36000FC	34,735	-	36,000	FC

WEIGHT OF THE AIRCRAFT :

OEW	FRESH (expect SEP 2023)
MTOW	22500 Kg
MLW	22350 Kg
MZFW	20300 Kg

AVIONICS LIST :

<u>Designation :</u>	<u>Manufacturer :</u>	<u>Type :</u>	<u>Qty :</u>
AFCS	HONEYWELL	FZ600 (CAT II)	1
VHF COM	COLLINS	VHF22C	2
HF COM	COLLINS	HF9000	1
SSCVR	FAIRCHILD	A200S	1
ELT	SOCATA	ELT96	1
SSFDR	L3 COMMUNICATION	FA2100	1
EFIS	HONEYWELL	ED800	4
WX RADAR	HONEYWELL	WU660	1
VOR / ILS	COLLINS	VIR32	2
DME	COLLINS	DME42	2
ADF	COLLINS	ADF60A	2
ATC MODE S	COLLINS	TDR94D-005	2
EGPWS	SUNDSTRAND	MARK8	1
GNSS	HONEYWELL	HT1000	1
TCAS 7.1 (ACAS II)	COLLINS	TTR921	1

CABIN :

NUMBER OF SEATS : 70
MANUFACTURER : SICMA
COVER TYPE : FABRIC
RECLINABLE : YES
PITCH : 30
SERIE : 9627
COLOR : BLUE

LOPA :



