

AIRCRAFT TECHNICAL SPECIFICATION

ATR 72-212A

1. AIRCRAFT TYPE

Model:	ATR 72-212A (500)
Manufacturer Serial Number:	
Date of first flight:	
Month / Year of 1st Delivery:	2005
Current Operator:	
Previous Operator:	
Current Registration:	
Total Flight Hours Since New:	28666:27
Total Cycles Since New:	35355

2. ENGINES

	No.1 (LH)	No.2 (RH)
Manufacturer Type:	PW127M	PW127M
TM Manufacturer Serial Number:	5948:16	4684:20
Time (FH) since New:	11013	6096
Cycles since New:	173:49	4684:20
Time (FH) since HSI:	5948:16	4684:20
Time (FH) since Overhaul:		
Time (FH) since Repair:	0.00	N/A
RGB Manufacturer Serial Number:	5950:38	4684:20
Time (FH) since New:	5950:38	4684:20
Time (FH) since Overhaul:		

Engine LCF

		No.1 (LH)		No.2 (RH)	
	TBO	Elapsed	Remaining	Elapsed	Remaining
Impeller, LP	15,000	11042 Cy	3,958 Cy	6,096 Cy	8,904 Cy
Impeller, HP	15,000	11042 Cy	3,958 Cy	6,096 Cy	8,904 Cy
Cover, HP Turbine Front	15,000	170 Cy	14,830 Cy	6,096 Cy	8,904 Cy
Disk, HP, Turbine	15,000	148 Cy	14,852 Cy	6,096 Cy	8,904 Cy
Cover, HP Turbine Rear	15,000	148 Cy	14,852 Cy	6,096 Cy	8,904 Cy
Seal Air Interstage	15,000	184 Cy	14,816 Cy	6,096 Cy	8,904 Cy
Disk LP, Turbine	15,000	10,865 Cy	4135 Cy	6,096 Cy	8,904 Cy
Disk, PT 1st Stage	30,000	3,852 Cy	26,148 Cy	6,096 Cy	23,904 Cy
Disk, PT 2nd Stage	30,000	3,852 Cy	26,148 Cy	6,096 Cy	23,904 Cy
PT Blades	25,000	2,145:12 FH	22,854:48 FH	4684:20 FH	20,315:40 FH

3. PROPELLERS

	No.1 (LH)	No.2 (RH)
Manufacturer Type:	568F-1	568F-1
Manufacturer Serial Number:	28,963:50	26,631:02
Time (FH) since New:	8,697:32	568:15
Hub Time (FH) since Overhaul:	3,402:28	11,531:45
HubTime (FH) to next Overhaul:		Nov-2029
Hub Months (MO) to next Overhaul:	Nov-2030	4,521:55
Actuator (FH) since Overhaul:	314:42	

* LH Hub to be replaced during delivery

LH	BLADE 1	BLADE 2*	BLADE 3*	BLADE 4	BLADE 5*	BLADE 6
P/N	R815505-6	R815505-6	R815505S3W	R815505-6	R815505-6	R815505-6
S/N	FR201202065RT	FR201103066RT	FR2020010042RT	FR201405013RT	FR2017040033RT	FR201110064RT
TSN	4,023:50	16,700:226	3,164:58	16,260:32	5,824:13	13,373:15
TSO	4,023:50	161:20	3,164:58	5,895:50	161:20	3,435:35
TTO	6,476:10	10,338:40	7,335:02	4,604:10	10,338:40	7,064:25
MTO	Jun-2027	Nov-2030	Jul-2027	Oct-2025	Nov-2030	Oct-2027
RH	BLADE 1*	BLADE 2	BLADE 3	BLADE 4*	BLADE 5*	BLADE 6
P/N	R815505-6	R815505-6	R815505-6	R815505-6	R815505-6	R815505-6
S/N	FR2016100116RT	FR20060525RT	FR2017010133RT	FR2016100142RT	FR2016100116RT	FR2016110048RT
TSN	8,958:21	19,903:57	6,095:21	8958:21	8958:21	11437,27
TSO	161:11	6,801:42	6,095:21	161:11	161:11	951,27
TTO	10,338:49	3,698:18	4,404:39	10,338:49	10,338:49	9548,33
MTO	Nov-2030	Jun-2025	Nov-2025	Nov-2030	Nov-2030	Aug-2029

* to be replaced during working party by blades meeting delivery conditions

4. LANDING GEARS

	NLG	LH-MLG	RH-MLG
LG Part Number:	D22698172-107	D23189000-26	D23190000-26
LG Manufacturer Serial Number:		122	177
LG Cycles since New:	33,688	122	177
LG Cycles since Overhaul:	3,456		19,823
LG Cycles to next Overhaul:	16,544	19,878	Apr 2032
LG Date of next Overhaul	May 2030	Nov 2032	

5. AIRCRAFT WEIGHTS

Weights	Kg
Maximum Take-Off Weight (MTOW)	22,500
Maximum Landing Weight (MLW)	22,350
Operational Empty Weight (OEW)	13,240
Maximum Zero Fuel Weight (MZFW)	20,500
Maximum Payload	7,259
Maximum Fuel	5,000

6. AIRFRAME MAINTENANCE SCHEDULE

*Summarised description of the maintenance program:
(Designation of checks and current intervals)*

Block program with A (and multiple A) checks every 750 flight hours, C (and multiple C) checks every 8,000 flight hours, Main Structural Inspections: 8 years and 36,000 cycles

Intervals following MRBR rev 28/MPD rev 35:

Check " 1C ":	remain	3,315:33 FH
Check " 2C ":	remain	8,615:33 FH
Check " 4C ":	remain	18,112:33 FH

Check " 2 Ye ":	next	Nov 2025
Check " 4 Ye ":	next	Jan 2026
Check " 8 Ye ":	next	Oct 2029
Check " 12 Ye ":	next	Dec 2029
Check " A1 ":	next	588:33 FH
Check " A2 ":	next	1323:33 FH
Check " A3 ":	next	2075:33 FH
Check " A4 ":	next	2838:33 FH

36 kCy check expected to be performed during delivery check

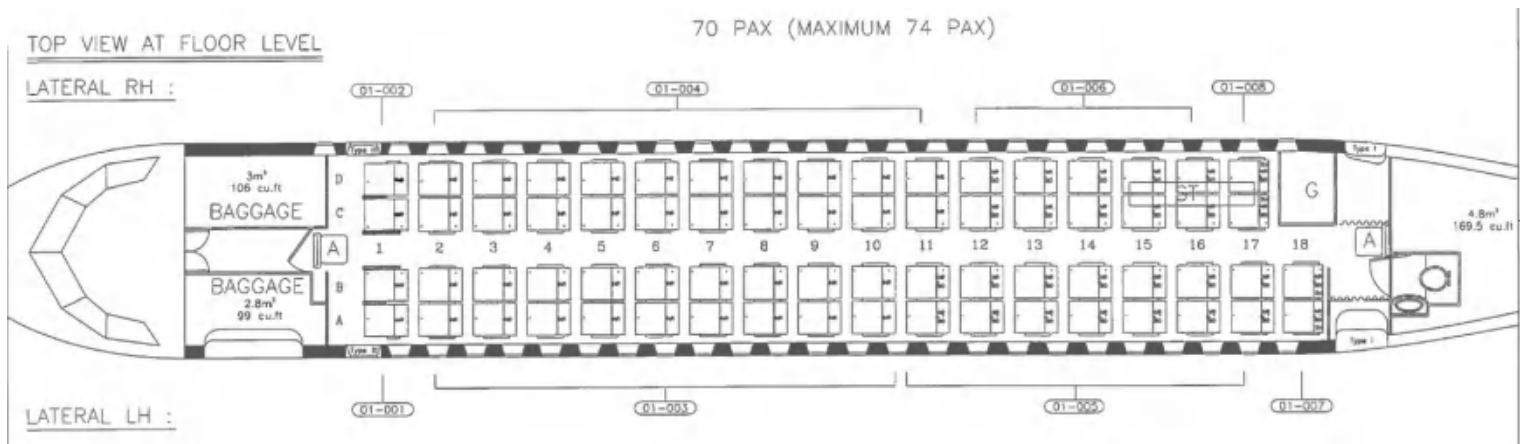
7. CABIN LAYOUT

NUMBER OF SEATS : **70**

PITCH : 30" & 29" (Last Row)

MANUFACTURER : GEVEN "Neo Classic"
COVER TYPE : Leather
RECLINABLE : NO

SERIE : D5-01
COLOR : DARK BLUE



8. CABIN CONFIGURATION

Number of Passenger Seats: **70** (Seven Neo Classic, no recline)
Passenger Seat Pitch: **30" and 29"**

Galley Description:

Provision for:

Right Hand Aft Galley (ATLAS Standard):

6 standard units
3 half size trolleys
1 water heater

Added Aft Cargo Compartment Galley:
IAW Conversion Instruction ATR72-98-

2 standard units
2 half size trolleys

Doors

Dimensions according to standard, no modification performed

9. AVIONICS

Designation	Manufacturer	Type	Qty
AFCS	HONEYWELL	FZ600 (Cat II)	1 ea.
EFIS Display	FAIRCHILD	E57A	4 ea.
Weather Radar	HONEYWELL	PRIMUS 660	1 ea.
VHF COM 8.33 KHZ	COLLINS	VHF 22C	2 ea.
VHF COM	COLLINS	VHF 4000	1 ea.
VOR/ILS	COLLINS	VIR 32	2 ea.
DME	COLLINS	DME 42	2 ea.
ADF	COLLINS	ADF 60A	2 ea.
ATC ADSB out	L3 COM	NXT-600	2 ea.
SSDFDR	L3 COM	FA2100	1 ea.
SSCVR	L3 COM	FA2100	1 ea.
ELT	ELTA	ELT96	1 ea.
EGPWS	HONEYWELL	MARK VIII	1 ea.
ACAS ch TCAS 7.1	COLLINS	TTR921	1 ea.
RADIO ALTIMETER	TRT	ERT011	1 ea.
GNSS	HONEYWELL	HT1000	1 ea.
MPC	SAGEM	ED35E	1 ea.

10. OTHER FEATURES

MAIN OPTIONS	
ATA 11	CERTIFIED FOR 15KT TAILWIND LANDING
ATA 21	COCKPIT FORCED VENTILATION
ATA 22	CAT II CAPABILITY
ATA 23	8.33 KHZ CHANNEL SPACING VHF SYSTEM INSTALLED
ATA 25	WINDOW BLINDS PASSENGER ADDRESS TAPE REPRODUCER REINFORCED COCKPIT DOOR STRETCHER SYSTEM INSTALLED JCB GALLEY IN AFT CARGO COMPARTMENT INCLUDING 2 STANDARD UNITS & 1 HALF-SIZE TROLLEY INSTALL
ATA 27	FLAP REINFORCEMENT
ATA 31	ENG PARAMETERS RECORDING SYSTEM PROVISION FOR ELECTRONIC TABLET DEVICE PRINTER INSTALLED IN COCKPIT
ATA 32	NLG Wheel Messier Bugatti (Safran) RUBBER SEALANT COMPOUND PROTECTION APPLIED ON MLG
ATA 33	INDIVIDUAL READING LIGHTS RED LED ANTICOLLISION LIGHTING LED CABIN LIGHTS INSTALLED LED NAVIGATION LIGHTS INSTALLED
ATA 34	ADS-B OUT V2 FUNCTION NAVIGATION - COLLINS TCAS INSTALLED NAVIGATION - TCAS 7.1 INSTALLED ENHANCED GPWS INSTALLED ENHANCED SURVEILLANCE CAPABILITY EFIS LCD DISPLAYS INSTALLED
ATA 35	SMOKE HOOD IN COCKPIT
ATA 46	TWO ELECTRONIC FLIGHT BAG SUPPORTS
ATA 52	2nd SEMI-AUTOMATIC HANDRAIL MLG Wheel & Brake Messier Bugatti (Safran)

AIRCRAFT PICTURES











