



Aircraft Status

Type and Model: ATR 72-212A (-500)

MSN: 0585

Current Registration: HB-ALR

AS OF MARCH 4, 2024



Aircraft Status

ATR 72-212A Bulk Freighter

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1. AIRCRAFT SPECIFICATIONS

Aircraft Specification	
Manufacturer:	ATR
Type and Model:	72-212A
Serial Number	585
Date of Manufacture:	March 1999
Current Registration:	HB-ALR
Country of Registration:	Switzerland
Current Operator:	Zimex Aviation Austria AG
Current Owner:	Zimex Aviation Ltd
Aircraft Operating Limitation:	AFM, Aeroconseil Supplement AFM
Cabin	Aeroconseil Bulk Freight Conversion
Cargo Door	1.275 x 1.53 meter Cargo Door

Current Utilization Status	
Total Airframe Hours:	39'245:23
Total Cycles (Landings):	36'852

Principal Operating Weights	
Max Gross Takeoff Weight:	22'500 Kg
Max Landing Weight:	22'350 Kg
Zero Fuel Weight:	20'300 Kg
Minimum Flight Weight:	13'000 Kg
Operating Empty Weight	11'749 kg

Fuel System	
Number of Fuel Tanks:	2
Total Fuel Tank Capacity:	6'370 lts (5'000kg @ fuel density 0.785kg/l)
Fuel Instrumentation Calibration:	Kilograms



2. MAINTENANCE CHECK STATUS

Check	Last done	Hours / Cycles	Next due
1 C	17.07.2018	35'449.87	43'449.87
2 C	17.07.2018	35'449.87	51'449.87
4 C	17.07.2018	35'449.87	67'449.87
2 YE	01.09.2023	-	01.09.2025
4 YE	28.11.2021	-	28.11.2025
8 YE	28.11.2021	-	16.11.2029
12 YE	28.11.2021	-	28.11.2033
3'000k	01.09.2023	36'770	39'770
6'000k	28.11.2021	34'709	40'709
9'000k	28.11.2021	34'709	43'709
12'000k	28.11.2021	34'709	46'709
18'000k	28.11.2021	34'709	52'709
36'000k	28.11.2021	34'709	-



3. ENGINE

Manufacturer: Pratt & Whitney Canada
 Model: PW127F

3.1. Engine Status

Engine Position	No. 1 (LH)	No. 2 (RH)
Serial Number	PCE-AM0048	PCE-EB0145
Time since New (TSN)	39'009.79	24'570.90
Cycles since New (CSN)	48'818	23'929
Time since Overhaul (TSO)	7'324.79	8'676.07
Cycles since Overhaul (CSO)	11'064	9'933
Time since Hot section Inspection (TSHSI)	7'324.79	8'676.07
Cycles since Hot section Inspection (CSHSI)	11'064	9'933
Limiting Component	HPT Turbine Disk + 3 other	1 st Stage PT Disk
Engine Potential per 04.03.2024	Both Engines are on-condition (ECTM) and with no overhaul limit depending on the borescope inspection that will be performed all 1'000 FH (LH; Hot section due to HPT Vane damage) and 1'500 FH (RH) (600FH for RGB).	

3.2. Engine Life Limited Parts

	Left hand engine			Right hand engine		
	PCE-AM0048			PCE-EB0145		
	Limit	CSN	Remaining	Limit	CSN	Remaining
LP Impeller	15'000	5'430	9'570	15'000	9'933	5'067
HP Impeller	15'000	5'430	9'570	15'000	9'933	5'067
HP Turbine Disk	15'000	11'064	3'936	15'000	9'933	5'067
HP Front Cover	15'000	5'430	8'756	13'043	1'131	13'699
HP Rear Cover	15'000	11'064	3'936	15'000	9'933	5'067
HP Blades	15'000	5'430	9'570	15'000	1'131	13'869
Interstage Air Seal	15'000	5'430	8'213	12'000	1'131	13'586
LP Turbine Disk	15'000	11'064	3'936	15'000	9'933	5'067
1 st Stage PT Disk	30'000	22'734	7'266	30'000	28'523	1'477
2 nd Stage PT Disk	30'000	19'733	10'267	30'000	11'928	18'072



4. PROPELLER

Manufacturer: HAMILTON SUNDSTRAND
 Model: 568F-1

LH Propeller Assy - FR20000951							
Description	P/N	S/N	OVH Limit (MO)	OVH Limit (FH)	TSO	Remaining (FH)	Next OVH Date
Hub	815470-2	242	84	10'500	3'795.51	6'704.49	16.07.2025
Blade 1	R815505S3W	FR2491	84	10'500	3'795.51	6'704.49	16.07.2025
Blade 2	R815505S3W	FR20050321RT	84	10'500	3'795.51	6'704.49	16.07.2025
Blade 3	R815505R3W	FR1693	84	10'500	3'795.51	6'704.49	16.07.2025
Blade 4	R815505R3W	FR530	84	10'500	3'795.51	6'704.49	16.07.2025
Blade 5	R815505R3W	FR20011019RT	84	10'500	3'795.51	6'704.49	16.07.2025
Blade 6	R815505S3W	FR2574	84	10'500	3'795.51	6'704.49	16.07.2025
Actuator	815585-6	20000811	N/A	10'500	3'795.51	6'704.49	N/A
Adjusting Nut	814754-1	DLA200105001	N/A	10'500	3'795.51	6'704.49	N/A
Oil Transfer Tube	815587-2	950310	N/A	12'100	8'727.68	3'372.32	N/A

RH Propeller Assy - FR20051252							
Description	P/N	S/N	OVH Limit (MO)	OVH Limit (FH)	TSO	Remaining (FH)	Next OVH Date
Hub	815470-2	783	84	10'500	3'795.51	6'704.49	16.07.2025
Blade 1	R815505-6	FR20061270RT	84	10'500	3'795.51	6'704.49	16.07.2025
Blade 2	R815505S3W	FR20040225RT	84	10'500	3'795.51	6'704.49	16.07.2025
Blade 3	R815505S3W	FR1764	84	10'500	3'795.51	6'704.49	16.07.2025
Blade 4	R815505R3W	FR1593	84	10'500	3'795.51	6'704.49	16.07.2025
Blade 5	R815505S3W	FR200709071RT	84	10'500	3'795.51	6'704.49	16.07.2025
Blade 6	R815505-6	FR201107064RT	84	10'500	1'666.10	8'833.90	27.11.2028
Actuator	815585-7	20080320	N/A	10'500	3'795.51	6'704.49	N/A
Adjusting Nut	814754-1	2T575-1981	N/A	10'500	1'197.23	9'302.77	N/A
Oil Transfer Tube	815587-2	990813	N/A	12'100	8'727.68	3'372.32	N/A



5. LANDING GEAR

Manufacturer: Safran - Messier Dowty

Landing Gear Status

Description	Part Number	S/N	Last Overhaul		Actual		Remaining	
			CSN	Date	CSN	CSO	Cycles	Date
LH MLG LEG	D23189000-22	MN245	30'045	16.11.2016	34'583	4'538	15'462	16.11.2025
LH MLG SIDE BRACE	D23219000-5	MN247	30'045	16.11.2016	34'583	4'538	15'462	16.11.2025
RH MLG LEG	D23190000-22	MN245	30'045	16.11.2016	34'583	4'538	15'462	16.11.2025
RH MLG SIDE BRACE	D23220000-5	MN253	30'045	16.11.2016	34'583	4'538	15'462	16.11.2025
NOSE LDG LEG	D22698172-107	B370	30'045	16.11.2016	34'583	4'538	15'462	16.11.2025
NLG DRAG BRACE	D22703072-1	B365	30'045	16.11.2016	34'583	4'538	15'462	16.11.2025

6. CARGO CONFIGURATION

Aeroconseil Bulk Freighter Conversion on ATR72



European Aviation Safety Agency

EASA
The Executive Director

Brussels, 22 March 2004
EASA D(2004)

APPROVAL FROM THE EXECUTIVE DIRECTOR

N° 2004-2872

Supplemental Type Certificate for ATR42 ET 72 (ATS International)

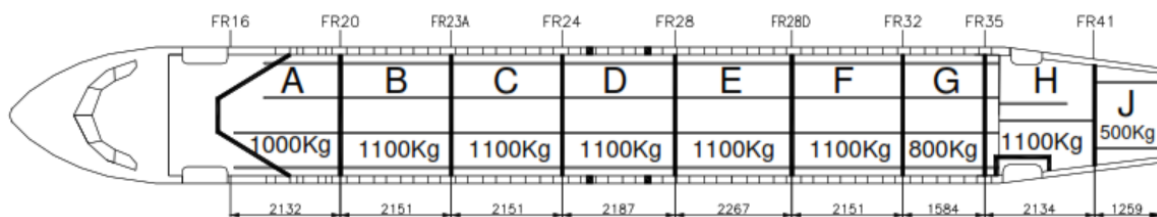
Whereas the Regulation (EC) N° 1592/2002, and in particular its Article 15 empowers the Agency to proceed certification tasks,

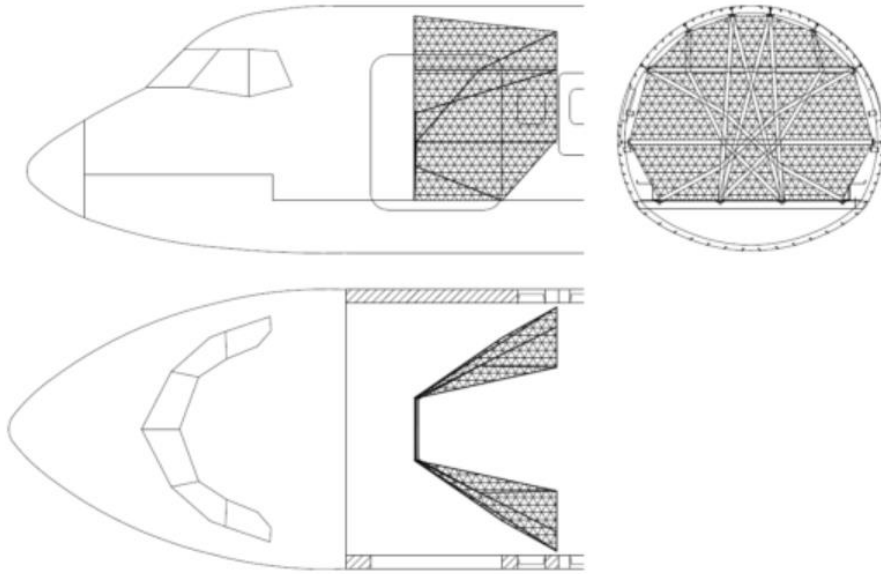
Whereas DGAC France has been entrusted by the Executive Director to carry on the above mentioned tasks,

And

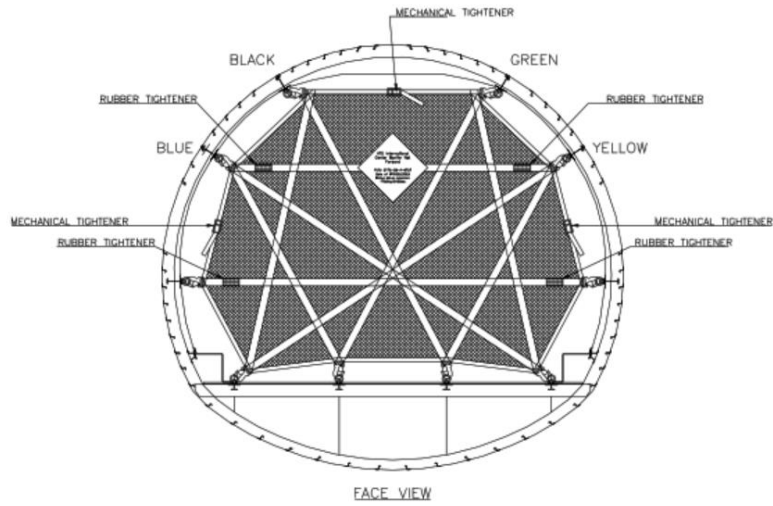
Having regard to the technical visa granted by DGAC France and referenced to as "STC 0110-01

- 9x Cargo areas [A-J] separated by vertical intermediate transverse crash nets
- Standard ATR Cargo door
- 400kg/sg.m floor surface distribution load

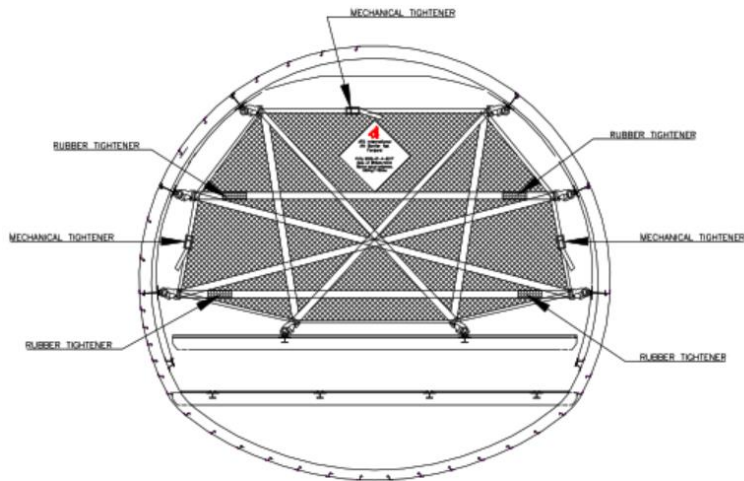




FRONT NET (Zone A)



STANDARD NET (Zones B to H)



AFT NET (Zone J)



7. AVIONICS

ATA Chapter 23 - Communications			
Equipment	Quantity	Manufacturer	Part No.
Cockpit Voice Recorder	1	L3 Harris	S200-0012-00
VHF Communication	2	Collins Aerospace	822-1113-021
HF Communication	2	BendixKing	064-1015-01

ATA Chapter 25 - Equipment Furnishings			
Equipment	Quantity	Manufacturer	Part No.
ELT (406 MHz)	1	Socata	ELT96A256000000

ATA Chapter 31 - Indicating and Recording			
Equipment	Quantity	Manufacturer	Part No.
Flight Data Recorder	1	L3 Harris	2100-4043-00

ATA Chapter 34 - Navigation			
Equipment	Quantity	Manufacturer	Model or Part No.
Automated Flight Control System	1	Sperry	7003974-606
ADF Navigation	2	Collins Aerospace	622-2362-001
AHRU	2	Honeywell	7003360-946
Flight-Data Acquisition Unit (FDAU)	1	SAGEM	ED34A350
RCAU	1	TEAM	CAU2533AC01
Air Data Computer (ADC)	2	Honeywell	7000700-951
VHF Navigation Receiver	2	Rockwell Collins	VIR32
UHF Navigation Receiver	2	Rockwell Collins	VIR32
MKR	1	Collins	VIR32
ATC Transponder	2	GARMIN	011-01997-00
DME Transceiver	2	Rockwell Collins	DME42
EFIS Display Processor Unit	2	Honeywell	7004544-714
EFIS Display Screen (CRT)	4	Honeywell	7003110-912
GPS Receiver	1	GARMIN	011-04432-00
EGPWS Computer	1	Honeywell	965-1216-011
TCAS II	1	Rockwell Collins	TTR921
Weather Radar Transceiver	1	Sperry	WX800
Radar Altimeter	1	TRT	ERT011



8. INCIDENT / ACCIDENT HISTORY

None to report