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Aircraft Specifications

AIRCRAFT

Type and Model	:	ATR 42-300 Cargo Configured
Serial Number	:	228
Registration	:	N422WA
Manufacture Date	:	1991
Owner	:	Magellan Group
Base	:	Hayden, Idaho USA
Specification Date	:	April 22, 2010

AIRFRAME

Total Airframe Hours Since New	:	32,430 Hours
Total Airframe Cycles Since New	:	31,368 Cycles

ENGINES

Engine Type and Model	:	Pratt & Whitney PW-120	
Operator Approved Engine TBO	:	On Condition	
		Left Engine	Right Engine
Serial Number	:	120905	121021
Hours Since New	:	28,806 Hours	27,930 Hours
Cycles Since New	:	32,343 Cycles	27,015 Cycles
Hours Since Overhaul	:	2,305 Hours	5,932 Hours
Cycles Since Overhaul	:	1,539 Cycles	4,952 Cycles
Hours Since HSI	:	Zero (0) Hours	Zero (0) Hours
First LLP Cycle Limiter	:	6,712	2,753

Reduction Gearbox

	1	2
Serial No.	120905	120626
Total Time Since New	28,837 Hours	32,690 Hours
Time Since Overhaul	2,381 Hours	12,347 Hours

Landing Gear

	Nose	Left Main	Right Main
Serial Number	MN163	MN307	MN160
Total Cycles Since New	40,739 Cycles	20,322 Cycles	35,150 Cycles
Cycles Since Overhaul	2,242 Cycles	Zero (0) Cycles	Zero (0) Cycles
Cycles To Next Overhaul	15,758 Cycles	18,000 Cycles	18,000 Cycles
Date to Next Overhaul	13 May 2012	February 2018	February 2018

PROPELLERS

Propeller Type & Model	:	Hamilton Standard 14SF-5	
Operator Approved Propeller TBO	:	9000 Hours	
		Left Propeller	Right Propeller
Serial Number	:	1737-7	1489-5
Hours Since New	:	15,313 Hours	20,613 Hours
Hours Since Overhaul	:	3,569 Hours	2,318 Hours
Hours To Next Overhaul	:	6,431 Hours	7,682 Hours
Date To Next Overhaul	:	30 Nov 2010	29 Feb 2012
Blade # 1 Time To Next Overhaul	:	6,241 Hours	6,242 Hours
Blade # 2 Time To Next Overhaul	:	7,781 Hours	7,449 Hours
Blade # 3 Time To Next Overhaul	:	7,049 Hours	7,683 Hours
Blade # 4 Time To Next Overhaul	:	6,302 Hours	6,242 Hours

AVIONICS

<u>Component</u>	<u>Manufacturer/Model</u>
ATC Controller	Rockwell Collins CTL-92
ADF Controller	Rockwell Collins CTL-62
ADF	Rockwell Collins ADF-60
Air Data Computer (2)	Honeywell AZ-810
Air Speed Indicator (2)	Honeywell SI-285
Altimeter (2)	Honeywell BA-141
A/P Display Unit	Honeywell ID-800
Audio Integrating	Team CAU28583
Audio Control Panels (2)	Team ACP 2531
AHRS	Honeywell AH-600
Cockpit Voice Recorder	Fairchild A100A
Control Adapter	Rockwell Collins CAD-870
Control Adapter	Rockwell Collins CAD-62
DME	Rockwell Collins DME-42
Distributed Flight Data Aq Unit	Parker G733440-5
EFIS Displays (4)	Honeywell ED-800
EFIS Controllers (2)	Honeywell DC-810
EGPWS	Honeywell MKVIII
FDR	Fairchild F800
Flight Data Entry Panel	Sfim
Flight Data Acquisition Unit	Sfim 360451710
Flight Guidance Computer	Honeywell FG-600
Flight Guidance Controller	Honeywell GC-600
Flux Valves	Honeywell FX-600
Radio Altimeter	Thales ERT -011
Radio Magnetic Indicator (2)	
Remote Compensator	Honeywell CS-412
Selcal	Team
Standby Altimeter	Thales
Standby Horizon (ADI)	Sfena
Symbol Generator (2)	Honeywell SG-811
TCAS Computer	Rockwell Collins TTR-920
TCAS Controller	Rockwell Collins CTL-92T
Transponder	Rockwell Collins TDR-90
Transponder Mode S	Rockwell Collins TDR-94
Vertical Speed Indicator	TVI-9200
VHF Comm Controller (2)	Rockwell Collins CTL-22
VHF Nav Controller (2)	Rockwell Collins CTL-32
Weather Radar Control	Honeywell WC-800
Weather Radar Transmitter	Honeywell WR-800



*Note: This ATR is equipped with Honeywell SPZ-6000 Digital Automatic Flight Control System and Rockwell Collins Pro Line II Comm/Nav/Pulse avionics systems. The TCAS System is also Rockwell Collins and installed under New Systems STC.

WEIGHTS

Maximum Take-off Weight	:	37,258 lbs / 16,900 Kg
Maximum Landing Weight	:	36,156 lbs / 16,400 Kg
Maximum Zero-Fuel Weight	:	34,259 lbs / 15,540 Kg
Empty Operating Weight	:	22,149 lbs / 10,684 Kg
Maximum Net Payload	:	12,374 lbs / 5,613 Kg
Maximum Fuel Capacity	:	9,920 lbs / 4,500 Kg

OTHER INFORMATION: M7 Cargo Interior



Maintenance Program Data

Maintenance Program

(ATR MRB Recommended Intervals)

<u>Check</u>	<u>Interval</u>	<u>Last Done</u>	<u>Next Due</u>	<u>Remaining</u>
1A Check	500 H	32,430 H	32,930 H	500 H
2A Check	1,000 H	32,430 H	33,430 H	1,000 H
3A Check	1,500 H	32,430 H	33,930 H	1,500 H
4A Check	2,000 H	32,052 H	34,052 H	1,630 H
C Check	5,000 H	29,284 H	34,284 H	1,854 H
3,000 Cy Ck	3,000 C	29,825 C	32,825 C	1,457 C
33,000 Cy Ck	33,000 C	N/A	33,000 C	1,632 C
1 Year		March 2010	March 2011	1 Year
2 Year		March 2010	March 2012	2 years
4 Year		March 2010	March 2014	4 Years

Both Engines have fresh HSI Inspections and the Two (2) main landing gear have fresh overhauls.

- Current 1A, 2A, 3A, 4A, 1C, 2C, 4C, 1 Year, 2 Year and 4 Year Checks
- MRB Revision 1Z and MPD Bridging

SPECIFICATIONS ARE SUBJECT TO VERIFICATION UPON INSPECTION. THIS AIRCRAFT IS OFFERED SUBJECT TO PRIOR SALE OR LEASE AND MAY BE WITHDRAWN FROM THE MARKET WITHOUT PRIOR NOTICE.

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