

## Asset Detailed Specification

**Manufacturer:** Airbus SAS  
**Model Designation:** A330-223  
**Serial Number:** On File  
**Registration:** F- (TEMP Reg)



**Currently operating for:** OFF LEASE

**A/C Type:** A330-223  
**MSN:** On File  
**DoM:** Jul/2009  
**As per:** Apr/2017

**Registration:** F-(temp reg)  
**APU Model:** GTCP331-350C  
**Engine Designation:** PW4170  
**TSN:** 28,843.95  
**CSN:** 6,758

## Current Lessee:

Contract Reference: 000154      Lease Type: Operating Lease  
 Lessee: Off Lease  
 Asset Operator: Off Lease  
 Registration Current Lease: N/A      Lease Start - End: 02/Jul/2010      30/Apr/2017  
 Operating Time Since Start Lease: Flight Hours: 28,784.28      Ratio: Started FH: 59.67  
 Flight Cycles: 6,726      4.28      Started FC: 32

Date of Manufacturing: 31/Jul/2009  
 Model Designation: A330-223  
 Asset Owner: AAC 18 Ltd  
 Asset Manager: AAC 19 Limited

## Asset Specific Data:

Aircraft Weights:	Current		Purchased / Leased	
	(kg)	(lb)	(kg)	(lb)
Description:				
Maximum Take Off Weight	233,000	513,676	233,000	513,677
Maximum Zero Fuel Weight	170,000	374,785	170,000	374,785
Maximum Landing Weight	182,000	401,241	182,000	401,241
Maximum Taxi Weight	233,900	515,661	233,900	515,661

Description:

Comments:

### Aircraft - General

Certification Base (FAA/EASA/Other)	EASA Certified	
Type Certificate Data Sheet	EASA.A.004	
Area Navigation (BRNAV/PRNAV)	BRNAV and PRNAV	
Autoland Capabilities - Approach Category	CAT III	
Noise Category Compliance	Yes	ICAO Annex 16 Chapter 4
Extended Twin Engine Operations (ETOPS)	Yes	180 minutes

### Aircraft - Build Info

Door Configuration		Type A doors at L1, R1, L2, R2, L4 and R4 Type I doors at L3 and R3
Winglets Installed	Yes	

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**Fuel Information**

Fuel Tank Locations and Capacity	Wing Tank, Centre Tank and Trim Tank	Wing Tanks: 24,120 US Gallons (91,300 litres)
		Centre Tank: 10,980 US Gallons (41,560 litres)
		Trim Tank: 1,646 US Gallons (6,230 litres)
		Total Fuel: 36,746 US Gallons (139,090 litres)
Fuel Tank Flammability Reduction System	No	

**Interior Information**

Cockpit Observer Seats	2	
Cabin Class Configuration	280 seats - 24 B/C and 256 Y/C	B/C - 62" Pitch, 6 abreast Y/C - 31"/ 33" pitch, 8/7 abreast
Cabin Seat Manufacturer - Models and Part Number	Sicma and Weber Aircraft	B/C - Sicma - P/N 14052XX-XXX Y/C - Weber Aircraft - P/N 862082-XXX
Galley Manufacturer, Locations and Part Numbers	AIM Aviation Henshall	G1 - 3302A701GA00 G1F - 3302RV1FGA00 G2 - 3302A702GA00 G5 - 3302RV4FGA00 G6 - 3302A706GA00 G7 - 3302A707GA00
Lavatory - Number and Location	7	1 Fwd, 4 Mid and 2 Aft

**Engine Information**

Engine Thrust Rating - Purchased	70,000 lbs
Engine Thrust Rating - Current Operating	70,000 lbs

**Landing Gear Information**

Brakes Manufacturer and Part Number	BF Goodrich	P/N 2-1577-X
Wheel Manufacturer and Part Number	BF Goodrich	Main Wheels: P/N 3-1546 Nose Wheel: P/N 3-1596

**Avionics/Communication**

In Flight Entertainment - Highlights	Yes	Panasonic in-seat video system
Compliance with: EGPWS	Yes	
Elementary Surveillance (ELS)	Yes	
Enhanced Surveillance (EHS)	Yes	
Predictive Windshear	Yes	
GPS installed	Yes	
SATCOM installed	Yes	

**Operational Requirements**

Compliance with: ELT 121.5/406 MHz	Yes	
Compliance with: RVSM, FM Immunity and 8.33 KHz channel spacing	Yes	
Compliance with: TCAS	Yes	Change 7.0
Cockpit Door Surveillance System	Yes	

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#### Cargo Compartments

Cargo Compartment - Fwd		Volume: 62.6 cubic metres
Cargo Compartment - Aft		Volume: 53.7 cubic metres
Cargo Compartment - Bulk		Volume: 19.7 cubic metres
Cargo Loading System	Yes	Semi-automatic cargo loading system
Fire Detection/Protection - Category / Class	Class C	



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## Engines:

**Serial No.:** P735001

**Engine Model:** PW4170

**Manufacturer:** P&W

**Location:** On Aircraft

**Status:** On Aircraft

**Thrust Level:** 70,000 lbs

	<b>As per:</b>	<b>FH:</b>	<b>FC:</b>	<b>Ratio:</b>	<b>Lowest Limiter FC remaining:</b>
<b>Totals Since New:</b>	30/Apr/2017	26,717.05	6,313	4.23	3,207

<b>Shop Visit:</b>	<b>Date:</b>	<b>FH:</b>	<b>FC:</b>	<b>Since Last Shop Visit</b>		
				<b>Days:</b>	<b>Hours:</b>	<b>Cycles:</b>
HPT Repair	14/Apr/2017	26,717	6,313	16	0	0
Performance Restoration	11/Apr/2014	15,319	3,550	1,115	11,398	2,763
HPT Blade Damage						

The LLP data below is based upon the LLP snapshot as at **Creation date** 14/Apr/2017

<b>LLP Descriptor</b>	<b>LLP Part Number</b>	<b>LLP Serial Number</b>	<b>Life Limit</b>	<b>FC Remaining at 30/Apr/2017</b>
LPC - DRUM ROTOR (1.3,1.6,2,3,4 STAGES)	50B882-01	CBUDCM1780	15,000	8,687
LPC - FRONT HUB	52B021	CBUDCN1639	15,000	8,687
LPC -/LPT TURB SHAFT COUPLING	51A275	CLDLDC1543	15,000	8,687
HPC - 5TH STAGE DISK	54H405	CENCBE4272	15,000	8,687
HPC - DRIVE SHAFT	54H767	CENCDL8208	15,000	8,687
HPC - DRUM ROTOR (13-15 STAGES)	50S813-01	CENCDM7791	15,000	8,687
HPC - DRUM ROTOR (6-12 STAGES)	50S106-01	CLDLDF3871	15,000	8,687
HPC - FRONT HUB	51H572	CENCCY6581	15,000	8,687
HPC - INLET/DIFFUSER AIRSEAL (REF 1435)	54H792	CENCDG6911	15,000	8,687
HPT - FRONT T1 HUB	55L111	CKLBKF8922	15,000	8,687
HPT - REAR INTERMEDIATE T2 HUB	55L102	CKLBKF9283	15,000	8,687
HPT - T1 AIRSEAL OUTER ROTATING (REF 1752)	50L879	CKLBJS5832	12,900	6,587
HPT - T1 RING AIRSEAL (REF 1756)	50L664	CKLBKD8640	14,800	8,487
HPT - T2 AIRSEAL (ROTATING)	53L030	CKLBJ68405	12,700	6,387
HPT - T2 BLADE RETAINING PLATE	50L242	CKLBJ59309	15,000	8,687
LPT - 3RD STAGE AIRSEAL (REF 1224)	50N521	CLDLC19099	15,000	8,687
LPT - 3RD STAGE DISK	50N803	CLDLDF9022	15,000	8,687
LPT - 4TH STAGE AIRSEAL	51N038	CLDLD25942	15,000	15,000
LPT - 4TH STAGE DISK	51N404	CLDLDG2574	15,000	8,687
LPT - 5TH STAGE AIRSEAL	50N419	CLDLC89135	9,520	3,207
LPT - 5TH STAGE REAR HUB	51N505	CLDLDH0005	15,000	8,687
LPT - 6TH STAGE DISK	51N706	CLDLDF9996	15,000	8,687
LPT - 7TH STAGE DISK	50N587	CLDLDB5396	15,000	8,687
LPT - SHAFT - FRONT COMPR DRIVE	52A519-01	CLDLDF9505	15,000	8,687

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## Engines:

<b>Serial No.:</b>	<b>P735002</b>				
Engine Model:	PW4170	Location:	On Aircraft		
Manufacturer:	P&W	Status:	On Aircraft		
		Thrust Level:	70,000 lbs		
	As per:	FH:	FC:	Ratio:	Lowest Limiter FC remaining:
Totals Since New:	30/Apr/2017	27,131.36	6,396	4.24	3,124

Shop Visit:	Date:	FH:	FC:	Since Last Shop Visit		
				Days:	Hours:	Cycles:
HPT Repair	13/Apr/2017	27,131	6,396	17	0	0
Performance Restoration	19/Aug/2014	17,446	3,995	985	9,685	2,401

The LLP data below is based upon the LLP snapshot as at **Creation date** 13/Apr/2017

LLP Descriptor	LLP Part Number	LLP Serial Number	Life Limit	FC Remaining at 30/Apr/2017
LPC - DRUM ROTOR (1.3,1.6,2,3,4 STAGES)	50B882-01	CBDUCM1782	15,000	8,604
LPC - FRONT HUB	52B021	CBDUCY2264	15,000	15,000
LPC -/LPT TURB SHAFT COUPLING	51A275	CLDLDC1552	15,000	8,604
HPC - 5TH STAGE DISK	54H405	CENCDE4268	15,000	8,604
HPC - DRIVE SHAFT	54H767	CENC DL8204	15,000	8,604
HPC - DRUM ROTOR (13-15 STAGES)	50S813-01	CENCDM7793	15,000	8,604
HPC - DRUM ROTOR (6-12 STAGES)	50S106-01	CLDL DH3301	15,000	8,604
HPC - FRONT HUB	51H572	CENCCY6574	15,000	8,604
HPC - INLET/DIFFUSER AIRSEAL (REF 1435)	54H792	CENCDM9387	15,000	10,504
HPT - FRONT T1 HUB	55L111	CKLBKE9882	15,000	8,604
HPT - REAR INTERMEDIATE T2 HUB	55L102	CKLBKF8764	15,000	8,404
HPT - T1 AIRSEAL OUTER ROTATING (REF 1752)	50L879	CKL BJS5831	12,900	6,504
HPT - T1 RING AIRSEAL (REF 1756)	50L664	CKLBKD8635	14,800	8,404
HPT - T2 AIRSEAL (ROTATING)	53L030	CKLBJ68409	12,700	6,304
HPT - T2 BLADE RETAINING PLATE	50L242	CKLBJ59317	15,000	8,604
LPT - 3RD STAGE AIRSEAL (REF 1224)	50N521	CLDL C19105	15,000	8,604
LPT - 3RD STAGE DISK	50N803	CLDL DF9015	15,000	8,604
LPT - 4TH STAGE AIRSEAL	51N038	CLDL C57223	15,000	8,604
LPT - 4TH STAGE DISK	51N404	CLDL DG2581	15,000	8,604
LPT - 5TH STAGE AIRSEAL	50N419	CLDL C89147	9,520	3,124
LPT - 5TH STAGE REAR HUB	51N505	CLDL DH0009	15,000	8,604
LPT - 6TH STAGE DISK	51N706	CLDL DG0106	15,000	8,604
LPT - 7TH STAGE DISK	50N587	CLDL DB5398	15,000	8,604
LPT - SHAFT - FRONT COMPR DRIVE	52A519-01	CLDL DF9508	15,000	8,604

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<b>DoM:</b>	<b>Jul/2009</b>	<b>Engine Designation:</b>	<b>PW4170</b>
<b>As per:</b>	<b>Apr/2017</b>	<b>TSN:</b>	<b>28,843.95</b>
		<b>CSN:</b>	<b>6,758</b>

## Landing Gears:

<b>Serial No.:</b>	<b>MDL986</b>	<b>Location:</b>	On aircraft
<b>Part Number:</b>	10-210101-003	<b>Status:</b>	On Aircraft
<b>Description:</b>	<b>Left Main Landing Gear</b>		<b>Since:</b>
<b>Manufacturer:</b>	Messier Dowty	<b>FH:</b>	<b>FC:</b>
		<b>As per:</b>	<b>Years:</b> <b>Days:</b>
<b>Totals Since New:</b>	28,843.95	6,758	30/Apr/2017 7.8 2,860
<b>Program:</b>		17,000	10.0 3,650
<b>Last Event:</b>	0.00	0	31/Jul/2009 7.8 2,830
<b>Remaining:</b>		10,242	2.1 820
<b>Shop Visit:</b>	<b>Date:</b>	<b>FH:</b>	<b>FC:</b>
Installed at new	31/Jul/2009	0	0
		<b>Days:</b>	<b>Hours:</b> <b>Cycles:</b>
		2,830	28,844 6,758
<b>Serial No.:</b>	<b>MDL986</b>	<b>Location:</b>	On Aircraft
<b>Part Number:</b>	10-210201-003	<b>Status:</b>	On Aircraft
<b>Description:</b>	<b>Right Main Landing Gear</b>		<b>Since:</b>
<b>Manufacturer:</b>	Messier Dowty	<b>FH:</b>	<b>FC:</b>
		<b>As per:</b>	<b>Years:</b> <b>Days:</b>
<b>Totals Since New:</b>	28,843.95	6,758	30/Apr/2017 7.8 2,860
<b>Program:</b>		17,000	10.0 3,650
<b>Last Event:</b>	0.00	0	31/Jul/2009 7.8 2,830
<b>Remaining:</b>		10,242	2.1 820
<b>Shop Visit:</b>	<b>Date:</b>	<b>FH:</b>	<b>FC:</b>
Installed at new	31/Jul/2009	0	0
		<b>Days:</b>	<b>Hours:</b> <b>Cycles:</b>
		2,830	28,844 6,758
<b>Serial No.:</b>	<b>B951</b>	<b>Location:</b>	On aircraft
<b>Part Number:</b>	NA20182-25	<b>Status:</b>	On Aircraft
<b>Description:</b>	<b>Nose Landing Gear</b>		<b>Since:</b>
<b>Manufacturer:</b>	Messier Dowty	<b>FH:</b>	<b>FC:</b>
		<b>As per:</b>	<b>Years:</b> <b>Days:</b>
<b>Totals Since New:</b>	28,843.95	6,758	30/Apr/2017 7.8 2,860
<b>Program:</b>		17,000	10.0 3,650
<b>Last Event:</b>	0.00	0	31/Jul/2009 7.8 2,830
<b>Remaining:</b>		10,242	2.1 820
<b>Shop Visit:</b>	<b>Date:</b>	<b>FH:</b>	<b>FC:</b>
Installed at new	31/Jul/2009	0	0
		<b>Days:</b>	<b>Hours:</b> <b>Cycles:</b>
		2,830	28,844 6,758



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## APU:

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<b>Serial No.:</b>	<b>P-1112</b>	<b>Location:</b>	On aircraft
<b>Part Number:</b>	3800454-6	<b>Status:</b>	On Aircraft
<b>Model:</b>	GTCP331-350C		
<b>Manufacturer:</b>	Honeywell		

	<b>As per:</b>	<b>Hours:</b>	<b>Cycles:</b>	<b>Ratio:</b>
<b>Totals Since New:</b>	30/Apr/2017	11,621.00	8,114	1.43

Shop Visit:	Date:	Hours:	Cycles:	Since Last Shop Visit		
				Days:	Hours:	Cycles:
Repair	04/Aug/2016	11,104	7,705	269	517	409
Repair	29/Sep/2012	4,465	3,352	1,674	7,156	4,762

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## Configuration Components:

ATA:	Description:	Manufacturer:	Part Number:	Family:	QTY:	Comment:
<b>Avionics</b>						
2200	Flight Management Guidance Computer	Thales Avionics	C13039CA01		2	
2200	MCDU	Thales Avionics	C19266BA01		3	
2300	HF Com Transceiver	Rockwell Collins	822-0330-020		2	
2300	Radio Management Panel	Thales Avionics	C12848CA01		3	
2300	Solid State Cockpit Voice Recorder	Fairchild	S200-0012-00	120 Minutes	1	
2300	VHF Comm. Transceiver (Incl. 8.33 & FM im)	Rockwell Collins	822-1250-020		2	
2500	ELT - Fixed - 121.5/243/406 MHz	Thales Avionics	S1821502-02		1	
3100	Digital Flight Data Recorder	Honeywell	980-4700-042	25 Hr@256 Words/sec	1	
3100	Flight Warning Computer	Airbus SAS	LA2E20202T30000		2	
3400	ADF Receiver	Rockwell Collins	822-0299-020		1	
3400	Air Data Inertial Reference Unit	Litton Aero Products	465020-03030316		3	
3400	ATC Transponder - Mode S - ELS & EHS Compliant	L3-Communications	7517800-10005		2	
3400	ATC/TCAS Control Unit	Thales Avionics	C12404AB02		1	
3400	DME Interrogator	Rockwell Collins	822-0329-020		2	
3400	Radio Altimeter Transceiver	Thales Optronique	9599-607-19504		2	
3400	T2CAS Computer (TAWS)	L3-Communications	9000000-11313		1	
3400	VOR Receiver (incl. FM immunity)	Rockwell Collins	822-0297-020		2	
3400	Weather Radar Transceiver	Rockwell Collins	822-1710-203		2	