



AIRCRAFT MARKETING SPECIFICATION



A310 -304F	
MSN:	538
REGISTRATION:	VT-EQS
VINTAGE:	1990
LAST OPERATOR:	AIR INDIA
ENGINE TYPE:	CF6-80C2A2

AIRFRAME STATUS

AIRFRAME STATUS (As of September 14, 2011)	
Total Airframe Hours:	53,234 Hours
Total Airframe Cycles:	20,752 Cycles
Last "C" check done: ("C" check interval is 18 months)	26 Feb 2009
Last 5Y/6Y check status:	12 Sept 2005
Last 10Y/12Y check status:	12 Sept 2005

PRINCIPAL OPERATING WEIGHTS

PRINCIPAL OPERATING WEIGHTS		
Maximum Taxi Weight:	339,350 lbs.	153,900 Kilos.
Maximum Take-Off Weight:	337,365 lbs.	153,000 Kilos.
Basic Empty weight:	168,608 lbs.	76,480 Kilos.
Zero Fuel Weight:	249,165 lbs.	113,000 Kilos.
Maximum Landing Weight:	271,215 lbs.	123,000 Kilos.
Total Fuel Capacity:	107,744 lbs.	48,872 Kilos.

LANDING GEAR COMPONENTS

LANDING GEARS			
Position:	Nose Landing Gear	Left Main Landing Gear	Right Main Landing Gear
Part Number:	C23137010-13	D22121300-15	D22122300-15
LANDING GEAR MAINTENANCE			
Overhaul Intervals:	12,000 cycles or 9 yrs	16,000 cycles or 8 yrs	16,000 cycles or 8 yrs
Last Overhaul Done:	18 MAY 2007	26 APR 2010	16 APR 2010
Next Overhaul Due:	18 MAY 2016	26 APR 2018	16 APR 2018

AUXILIARY POWER UNIT (APU)

INSTALLED AUXILIARY POWER UNIT (APU)	
Manufacturer:	Honeywell
Model-P/N:	Model: GTCP 331-250H / P/N: 381388-1
Serial Number:	S/N: P-1004
APU Total Time / Total Cycles:	30,811 Hours 52,702 Cycles
Hours / Cycles Since Last SVI:	929 Hours 601 Cycles



ENGINE STATUS

As of: *September 14th, 2010*

MODEL:	ESN:	TOTAL TIME:	TOTAL CYCLES:	TSLSV CSLSV	CYCLE LIMITER	LAST OPERATOR:
CF6-80C2A2	690313	53,607	17,803	4,453 1,242	1,713	AIR INDIA

FAN ROTOR	Module Serial	21X95105	TSN	44,468	CSN	15,874
			TSO	17,411	CSO	5,135
	DESCRIPTION	PART NUMBER	SERIAL NUMBER	Life Limit	Total Cycles	Cycles Remaining
	Fan Disk 1	1703M91P06	MPOS5784	20,000	18,287	1,713
	Forward Shaft	1277M75G07	GWNY0795	20,000	15,874	4,126
	Fan Spool 2-5	9373M84G05	VOL02668	20,000	17,803	2,197
	Mid Shaft	1862M41P01	RPMBT119	20,000	16,655	3,345

COMP ROTOR	Module Serial	31X90316	TSN	51,604	CSN	14,874
			TSO	4,453	CSO	1,242
	DESCRIPTION	PART NUMBER	SERIAL NUMBER	Life Limit	Total Cycles	Cycles Remaining
	HPC Disk 1	9380M26P02	SNG07244	14,480	11,745	2,735
	HPC Disk 2	9380M27P03	SNG03929	20,000	14,874	5,126
	Spool 3-9	1856M15G02	VOLB2114	20,000	7,065	12,935
	Stg. 10 Disk	9380M29P03	SNE00248	20,000	14,874	5,126
	Spool 11-14	1531M21G01	MPOY8892	20,000	14,874	5,126
CDP Seal Disk	1347M31P01	LKM50906	20,000	14,874	5,126	

HPT ROTOR	Module Serial	53X95101	TSN	52,782	CSN	18,332
			TSO	10,663	CSO	3,353
	DESCRIPTION	PART NUMBER	SERIAL NUMBER	Life Limit	Total Cycles	Cycles Remaining
	HPT Stg. 1 Disk	1531M84G12	GWNO8EA5	15,000	5,769	9,231
	HPT Stg. 2 Disk	2047M62P01	BTAC4136	15,000	11,157	3,843
	Spacer, Impeller	1539M12P02	GFFR86H7	15,000	10,299	4,701
	Vane-Ring, Dif	9290M28P15	BTABS268	15,000	11,185	3,815

LPT ROTOR	Module Serial	57X95105	TSN	51,403	CSN	16,819
			TSO	4,453	CSO	1,242
	DESCRIPTION	PART NUMBER	SERIAL NUMBER	Life Limit	Total Cycles	Cycles Remaining
	LPT Stg 1 Disk	9373M51P04	SNG04838	20,000	15,231	4,769
	LPT Stg 2 Disk	9373M52P04	SNG04922	20,000	15,231	4,769
	LPT Stg 3 Disk	9373M53P05	SNE90020	20,000	16,819	3,181
	LPT Stg 4 Disk	9373M54P04	MPOS8625	20,000	16,819	3,181
	LPT Stg 5 Disk	9373M55P04	FIA2F584	20,000	15,244	4,756
LPTR Shaft	9382M59P05	GWNC5455	20,000	16,819	3,181	

* THE ABOVE DATA WAS COMPILED BASED ON THE ENGINE RECORDS SUPPLIED BY THE PREVIOUS OWNER, REPAIR STATION AND OPERATOR OF THE ENGINE



ENGINE STATUS

As of: **March 1, 2011**

MODEL:	ESN:	TOTAL TIME:	TOTAL CYCLES:	TSLSV CSLSV	CYCLE LIMITER	LAST OPERATOR:
CF6-80C2A2	690330	47,832	14,914	5,237 1,436	1,640	AIR INDIA

FAN ROTOR	Module Serial	21X95311	TSN	42,561	CSN	15,247
			TSO	11,235	CSO	3,664
	DESCRIPTION	PART NUMBER	SERIAL NUMBER	Life Limit	Total Cycles	Cycles Remaining
	Fan Disk 1	1703M78P08	SNG06823	20,000	16,804	3,196
	Forward Shaft	1277M75G07	MPOT4554	20,000	18,360	1,640
	Fan Spool 2-5	1856M71P01	VOL06899	20,000	15,247	4,753
	Mid Shaft	1862M41P01	MPOT3906	20,000	18,360	1,640

COMP ROTOR	Module Serial	31X90314	TSN	42,050	CSN	13,528
			TSO	20,538	CSO	7,240
	DESCRIPTION	PART NUMBER	SERIAL NUMBER	Life Limit	Total Cycles	Cycles Remaining
	HPC Disk 1	1644M21P04	BC262722	20,000	3,664	16,336
	HPC Disk 2	9380M27P03	RRG00790	20,000	13,528	6,472
	Spool 3-9	1856M15G02	VOLB2329	20,000	7,240	12,760
	Stg. 10 Disk	9380M29P03	SNE02155	20,000	13,528	6,472
	Spool 11-14	1531M21G01	MPOAC648	20,000	17,523	2,477
	CDP Seal Disk	1347M31P01	NCE56957	20,000	13,528	6,472

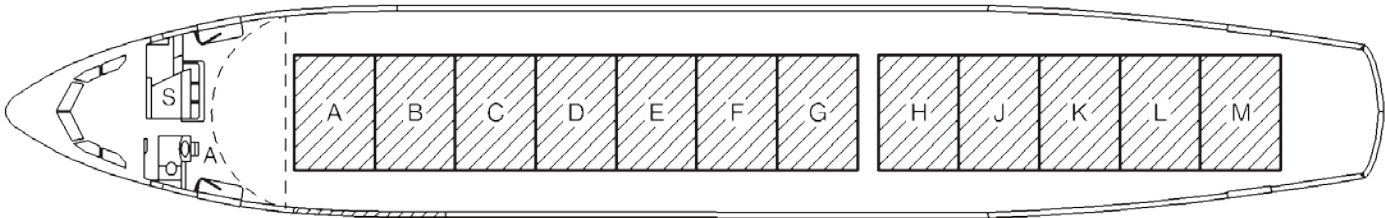
HPT ROTOR	Module Serial	53X90330	TSN	47,448	CSN	15,775
			TSO	5,237	CSO	1,436
	DESCRIPTION	PART NUMBER	SERIAL NUMBER	Life Limit	Total Cycles	Cycles Remaining
	HPT Stg. 1 Disk	1531M84G12	GWNOF8TT	15,000	1,436	13,564
	HPT Stg. 2 Disk	9362M43P04	MUNDD861	12,545	5,119	7,426
	Spacer, Impeller	1539M12P02	GFFN7160	15,000	9,235	5,765
	Vane-Ring, Dif	9290M28P15	BTABS214	15,000	8,777	6,223

LPT ROTOR	Module Serial	57X90313	TSN	46,316	CSN	13,475
			TSO	5,237	CSO	1,436
	DESCRIPTION	PART NUMBER	SERIAL NUMBER	Life Limit	Total Cycles	Cycles Remaining
	LPT Stg 1 Disk	9373M51P04	FIA1F774	20,000	13,475	6,525
	LPT Stg 2 Disk	9373M52P04	SNG04626	20,000	13,475	6,525
	LPT Stg 3 Disk	9373M53P05	SNG04888	20,000	13,475	6,525
	LPT Stg 4 Disk	9373M54P04	RRA00932	20,000	13,475	6,525
	LPT Stg 5 Disk	9373M55P04	FIA2F579	20,000	13,475	6,525
	LPTR Shaft	9382M59P06	RRA00545	20,000	13,475	6,525

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MAIN DECK CARGO COMPARTMENT

12 ULD's 88" x 125" Single Row Layout



4 courier seats positioned against front bulkhead

AVIONICS LIST

AVIONICS EQUIPMENT					
Location	Description	Model	Part No.	Qty.	Manufacture
E & E Bay Fwd	W/Radar Transceiver	WRT-701X	622-5132-105	2	COLLINS
E & E Bay Fwd	Regulator Windshield Temp		6664157	2	R.F.SAYWELL
E & E Bay RH	Aircraft Battery		2520	3	SAFT
E & E Bay RH	Transponder S Mode		066-01127-1402	2	HONEYWELL
E & E Bay RH	TCAS Processor		066-50000-2120	1	ALLIED SIGNAL
91VU RH	Pneumatic Sys Controller		627248-1	1	GARRETT
91VU RH	Pack Temp Control		617512-3	2	GARRETT
91VU RH	Control Unit-Fire Det.		2739-02	1	SYSTRON
91VU RH	APU Pack Demand Controller		617924-3	1	GARRETT
91VU RH	Zone Temp Controller		627396-1	1	GARRETT
92VU RH	Flt Warning Computer		35-0B5-3005-313	1	AEROSPATIALE
92VU RH	ECAM SGU		9612670326	1	THALES
92VU RH	Selcal Panel Selection		BC2065C	1	TEAM
92VU RH	E.F.C.U		3905300101	1	SEXTANT
92VU RH	Computer-Slat And Flap		49-079-05	1	MARCONI AVIONICS
92VU RH	Controller Cabin Pr		82010C051100	1	ABG-SEMCA
92VU RH	Computer Fuel Quantity		SIC5083-1	1	ZODIAC
93VU RH	Flt Warning Computer		35-0B5-3005-313	1	AEROSPATIALE
93VU RH	ECAM SGU		9612670326	1	THALES
93VU RH	E.F.C.U		3905300101	1	THOMSON

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93VU RH	Computer-Slat And Flap		49-079-05	1	MARCONI AVIONICS
93VU RH	Jamming Detection Control Unit		35-315-2003	1	AE TOULOUSE
93VU RH	Electronics Unit Prox.Sys		BDM300-3	1	PETERCEM
94VU RH	System Data Analog Convtr		66501-005-1	1	SEXTANT
94VU RH	Acquisition Unit-Di		2227000-27	1	TELEDYNE
94VU RH	Brake System Control Unit		C20101310-401	1	BUGATTI
94VU RH	Det Unit-Brake Temp		35-467-2001	1	AE TOULOUSE
94VU RH	Dimmer Indicator Light		35-493-2002	1	AEROSPATIALE
94VU RH	CGCC		B473ACM4	1	SEXTANT
95VU RH	HF Comm Transceiver		622-5272-001	2	COLLINS
95VU RH	Conditioner Unit-Signal		241-137-000-301	1	VIBRO-METER
96VU RH	Controller Cabin Pr		82010C051100	1	COLLINS
96VU RH	Control Unit Level		722-113	1	INTERTECHNIQUE

AVIONICS LIST (continued)

AVIONICS EQUIPMENT					
Location	Description	Model	Part No.	Qty.	Manufacture
96VU RH	VHF Comm Transceiver		822-1044-003	1	COLLINS
96VU RH	Control Unit-Fire Det.		2739-02	2	SYSTRON
96VU RH	Det Smoke, Amplifier Rack		RCGSK10-02	1	CERBERUS
96VU RH	Pneu. Sys Controller		627248-1	1	GARRETT
96VU RH	Computer-Air Data		4045053-903	1	SPERRY
E & E Center	Transformer Rectifier U/T		F11QY3714	3	BRONZAVIA
E & E Center	Charge Limiter Unit		389GC01Y03	3	ECE
E & E Center	Inverter		35-840-1001	1	AE TOULOUSE
E & E Center	Control Unit Generator		740120B	3	SUNDSTRAND
E & E BAY LH	Inertial Referential Unit		461800-0300-2203	3	LITTON SYS
81VU LH	Protection Unit Ground		740147A	1	SUNDSTRAND
81VU LH	Det Smoke, Amp Rack		RCGSK10-05	3	SIEMENS SAS
81VU LH	Computer Thrust Control		B472AAM	2	SFENA
81VU LH	Selcal Decoder		SC2253A	1	TEAM
83VU LH	Computer Fuel/Limitation		35-900-1012-011	1	AEROSPATIALE
83VU LH	Flight Management Comp		745SUE4B4	1	SMITHS
83VU LH	Flight Augmentation Comp		B471ABM5	1	SEXTANT
83VU LH	FCC		B350AAM6	1	SFENA
83VU LH	Adf Receiver		622-5222-002	1	COLLINS
84VU LH	Computer Fuel/Limitation		35-900-1010-011	1	AEROSPATIALE

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84VU LH	Flight Management Comp		745SUE4B4	1	SMITHS
84VU LH	Flight Augmentation Comp		B471ABM5	1	SEXTANT
84VU LH	FCC		B350AAM6	1	SFENA
84VU LH	ADF Receiver		622-5222-002	1	COLLINS
85VU LH	EFIS SGU		9612660321	2	THOMSON CSF
85VU LH	DME Interrogator		622-4540-001	1	COLLINS
85VU LH	VOR /Marker Receiver		822-0726-002	1	COLLINS
85VU LH	ILS Receiver		822-0282-002	1	COLLINS
86VU LH	Computer-Air Data		4045053-903	1	SPERRY
86VU LH	EGPWS		965-0976-003-206-206	1	ALLIED SIGNAL
86VU LH	DME Interrogator		622-4540-001	1	COLLINS

AVIONICS LIST (continued)

AVIONICS EQUIPMENT					
Location	Description	Model	Part No.	Qty.	Manufacture
86VU LH	EFIS SGU		9612660321	1	THOMSON CSF
86VU LH	VOR / Marker Receiver		822-0726-002	1	COLLINS
86VU LH	ILS Receiver		822-0282-002	1	COLLINS
86VU LH	VHF Comm Transceiver		822-1044-003	1	COLLINS
AFT Location	LRRA Transceiver		9599-607-14901	2	TRT
AFT Location	Solid State CVR (SSCVR)		980-6022-001	1	HONEYWELL
AFT Location	ULB Battery		DK120	1	DUKANE
AFT Location	Solid State DFDR (SSDFR)		2100-4043-00	1	L3 COMMUNICATION
AFT Location	ULB Battery		DK120	1	DUKANE
AFT Location	Box Electronic Control		2117402-12	1	ALLIED SIGNAL
AFT Location	Emergency Locator Xmitter		453-0406	1	ARTEX

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