



## The Aircraft

Our Boeing 747-283 B (SF) is one of the most reliable aircraft on the market with a high payload (113 MT) and a long range almost comparable to a B747-400.

This 747 has a TTSN of 66'864 hrs which according to Boeing Industry is about half life. The aircraft was well maintained and preserved and has full maintenance history since new.

This 747 is equipped with Pratt and Whitney JT9D-70A, one of the most powerful engines ever fitted on 747-200 series.

This 747 had a C check in January 2006 and has flown less than 700 hours since that. An upgrade in avionics was done at that time. It is JAR-OPS and EU OPS compliant. The European VAT is paid.

The aircraft is well maintained and all history records are available from day 1. It was manufactured as a passenger aircraft and was converted in cargo in 1996-1997 by IAI. At the time of the conversion, an upgrade in the structure was made to carry more payload.

### Aircraft Specification:

Manufacture: Boeing.

Type and Model: 747-283 B (SF), ICAO B742

MFY: 1979

Configuration: Special Freighter (Cargo).

Location: Europe.

Status: In Storage.

Registration: N

S/N: 21575

VAT status: European taxes paid.

MTOW: 820'128 lbs

MTW: 836'000 lbs

MZFW: 590'058 lbs

MLW: 630'100 lbs

DOW: 341'775 lbs

Max Payload: 248'225 lbs

Fuel Capacity: 53'985 US Gal, 204'333 Liter

Range at Max Payload: 4'600 NM

Range at No Payload: 7'500 NM

JAR OPS (1): YES.

EU OPS: YES

RVSM: YES.

Max Flight Level: 450 FL.

Cruising Speed: M 0.86

Max Speed: M 0.94

Documents: YES, full documental history from Day 1.

Engines: PW JT9D-70A, 4+1 spare

Airframe Status:

TTSN: 66'864:18  
TCSN: 14'939  
FH per Cycle ratio: 4.48  
A Check: every 300 FH.  
C Check: every 3'600 FH.  
Last C Check (C5): January 2006, FH 66'230.  
Section 41: 5'061 Remaining Cycles to next Insp.

APU:

Manufacture: Honeywell.  
Type and Model: 380716-1-3  
S/N: P-37528  
TTSN: 43'139,14

Interior Status:

Cargo Modification Date: 1996  
Modification Done by: IAI, Israel.  
Cargo Modification: STC SA5057NM  
Cargo Transfer System: STC SA5865NM, Aero Union Corp.  
Cargo Loading System: STC SA5014NM, Ancra International LCC.  
Upper Deck Installation: STC SA2980S0  
Increase MTW & MZFW: STC ST00380SE, Becontree Holdings.  
Cargo Door: Side.  
Pallet Capacity: Main Deck: 29 pallets, 96x125 in  
Including 18 with 118 in height  
Lower Deck: 9 pallets, 96x125 in  
: 30 LD-1 containers  
Flight Deck: 3 + 2 Observers  
Crew Rest Area: 4 Seats + 3 beds  
Lavatories: 1

Avionics:

TCAS: Cat II, RVR minima 300m. STC 2676CE  
ACARS: YES  
SATCOM: YES  
Mode S: YES, STC SA2636CE  
DFDR Upgrade: STC ST01106CH  
VHF Upgrade: STC ST00525WI-D, EASA Compliant.  
EGPWS: YES, JAR OPS Compliant.

THE AIRCRAFT IS FULL EU OPS COMPLIANT

Component	Brand	Model	P/N	Comment
VHF Com T/R	Collins	618M	822-1045-006	8.33KHZ, n. 3
HF Com T/R	Collins	628T-2	622-5977-001	n.2
VCVR	Sundstrand	AV557C		
Selcal	Motorola	NA135		
ADF	Collins		822-0761-001	Dual
DME	Collins	8.60E-03		
VHF Nav	Collins	51RV-5B		FM Immunity complied
Marker	Bendix	MKA-28C		
W/X Radar T/R	Bendix	RDR-1F	522-4825-002	
LRRA T/R	Collins	860F-4	622-8971-020	
LRRA Indicator	Collins	339H-2	622-7878-201	
TCAS Processor	Collins			RNAV/RNP-5 Capable
ATC	Collins		965-0876-001	
INU	Litton	LTN-92		
GPWS	Alied Signal	MARK-VII		Used for INU position update
CADC	Collins	APOLLO	787-6148-003	only
GPS	Garmin	2101	980-4100	
CIWS Computer	Collins	54w-3b	ED742951-3	
Flight Recorder	Alied Signal		A15808	
	Hamilton		2540622-932	
FDAU	Std		2540623-911	
Clocks	Airpax		4026270-903	
Pitch Computer	Sperry			
Roll Computer	Sperry			
LCLU/LRCU/MALU	Sperry			
ASTU	Sperry		2082-04	
Auto Throttle Comp	Marconi	rd-700d		
A.D.I.	Sperry			
H.S.I.	Sperry		622-9353-021	
M/ASI	Harowe Sys			IVSI and TA/RA
Altimeter	SIADS	st-3400		
				Standard RMI installed
TCAS/IVSI	Collins		60B00119	
TAWS	Sandel			FAA Standard
DDRMI				
Overspeed Warning Switch				

STC:

SA5865NM, Cargo Transfer System  
SA5014NM, Cargo Loading System  
SA5057NM, Cargo Conversion  
SA2980S0, Upper Deck Gallery Installation  
ST00380SE, increase of Max Zero Fuel Weight and  
Max Taxi Weight.



# BOEING 747-283 B (SF), S/N 21575 ENGINE P&W JT9D-70A

ENGINE 1, S/N 689167

TTSN	TCSN	Next Limitation	Remaining Cycles	TTSO	TCSO	LAST O/H	MADE BY
44'313	10'032	Disk T2	1623	3'097	667	17.07.2003	IBERIA

ITEM	S/N	TTSN	TCSN	TTSO	TCSO
FAN ROTOR	G00031	43790	10081	15406	3740
FAN CASE	HL2951	40437	9155	11531	2863
LOW COMPRESSOR	A89167	44313	10032	15406	6165
HIGH COMPRESSOR	B01866	38043	10382	3097	667
DIFF. CASE	K00002	44313	10032	15406	3740
HIGH TURBINE	C02388	30170	7579	3097	667
LOW TURBINE	D01855	35861	10908	11585	2863
EXHAUST CASE	GH0930	40437	9155	11531	2863
MAIN GEARBOX	F01851	37008	10271	15406	3740

ITEM	S/N	REMAINING CYCLES/TIME
DISK C1	J21425	4919
DISK C1.5	S41430	4968
DISK C10	K18606	4618
DISK C11	K091177	4618
DISK C12	J64884	4618
DISK C13	K08913	4618
DISK C14	AJ4011	12697
DISK C15	L65220	10014
DISK C2	L59418	6581
DISK C3	7A7691	4968
DISK C4	1B3246	4968
DISK C5	J75057	4618
DISK C6	K18200	4618
DISK C7	J92771	4618
DISK C8	J64960	4618
DISK C9	K30261	7109
DISK T1	J75748	5421
DISK T2	K18892	1623
DISK T3	H83754	4092
DISK T4	J09702	4092
DISK T5	J01142	4092
DISK T6	J01142	11260
STAGE 6 AIR SEAL		11234
STAGE 2 AIR SEAL	AKLBG46313	14333
VANE & BLEED CTL	91237	2536 HRS

**ENGINE 2, S/N 689185**

TTSN	TCSN	Next Limitation	Remaining Cycles	TTSO	TCSO	LAST O/H MADE BY
47'288	10'554	Disk C2, C3, C4	2911	476	106	18.11.2005 IBERIA

ITEM	S/N	TTSN	TCSN	TTSO	TCSO
FAN ROTOR	J21422	54085	10799	476	106
FAN CASE LOW	H00047	41786	9970	N/A	N/A
COMPRESSOR HIGH	A01874	25256	12064	476	106
COMPRESSOR DIFF. CASE	B02408	65621	9325	N/A	N/A
HIGH TURBINE	GU7159	8451	1961	476	726
LOW TURBINE	C02084	39850	14768	476	106
EXHAUST CASE	D02232	49887	13707	476	106
MAIN GEARBOX	E01875	29286	14819	N/A	N/A
	F89182	46496	10546	476	106

ITEM	S/N	REMAINING CYCLES/TIME
DISK C1	J21422	3678
DISK C1.5	K81674	2911
DISK C10	K76881	5650
DISK C11	K76647	5650
DISK C12	K39942	5650
DISK C13	J41624	5109
DISK C14	R55846	8053
DISK C15	AENCAK5310	14020
DISK C2	K81962	2911
DISK C3	K63654	2911
DISK C4	K81931	2911
DISK C5	K58467	5650
DISK C6	K50520	5650
DISK C7	J92808	5650
DISK C8	K40241	5650
DISK C9	M14200	7707
DISK T1	AKLBE31738	11014
DISK T2	AKLBAH2034	6729/12969 HRS
DISK T3	ALDLBF9664	14262
DISK T4	J52433	3125
DISK T5	J51491	4301
DISK T6	ALDLBD3202	13321
STAGE 6 AIR SEAL	ALDLAM2950	11614
STAGE 2 AIR SEAL VANE & BLEED CTL	AKLBG81587 84348	11234 7665 HRS

## ENGINE 3, S/N 68856

TTSN	TCSN	Next Limitation	Remaining Cycles	TTSO	TCSO	LAST O/H MADE BY
44'801	9'846	Disk T2	2'775	3'392	726	26.01.2004 BEDEK

ITEM	S/N	TTSN	TCSN	TTSO	TCSO
FAN ROTOR	GG73234	44801	9810	14967	3294
FAN CASE	H00006	44801	9846	14967	3294
LOW COMPRESSOR	A01874	34321	7981	14967	3294
HIGH COMPRESSOR	B02318	31835	6894	3392	726
DIFF. CASE	K00006	44636	9749	3392	726
HIGH TURBINE	C02258	34530	8199	3392	726
LOW TURBINE	D88852	44404	9926	14967	3294
EXHAUST CASE	L00004	42427	9832	3392	726
MAIN GEARBOX	F89169	42323	10070	14967	3294
C/C INNER	WX4427	44636	9749	3392	726
C/C OUTER	LZ9104	44636	9749	3392	726

ITEM	S/N	REMAINING CYCLES/TIME
DISK C1	G73234	4438
DISK C1.5	J90981	6743
DISK C10	H47866	7401
DISK C11	J92199	8080
DISK C12	J64899	8080
DISK C13	J68200	8080
DISK C14	S93163	11680
DISK C15	J65124	8080
DISK C2	K30589	6743
DISK C3	K09530	6743
DISK C4	J90378	6743
DISK C5	J41159	8080
DISK C6	J73407	8080
DISK C7	J92776	8080
DISK C8	J64927	8080
DISK C9	K09158	5884
DISK T1	7B6803	3240
DISK T2	J86880	2775
DISK T3	4A6954	5048
DISK T4	5A8898	5048
DISK T5	5A9042	5048
DISK T6	5A9013	5048
STAGE 6 AIR SEAL	A436AA0259	12237
STAGE 2 AIR SEAL	SV2015	9365
VANE & BLEED CTL	91095	6535 HRS

## ENGINE 4, S/N 689166

TTSN	TCSN	Next Limitation	Remaining Cycles	TTSO	TCSO	LAST O/H MADE BY
44'760	10'570	Disk T2	1'450	6'901	1'854	22.06.2003 BEDEK

ITEM	S/N	TTSN	TCSN	TTSO	TCSO
FAN ROTOR	G00002	42261	9595	6901	1854
FAN CASE	HE2404	44760	10570	13783	3325
LOW COMPRESSOR	A89185	42413	9468	6901	1854
HIGH COMPRESSOR	B01867	36904	10154	6901	1854
DIFF. CASE	JY0340	44760	10303	6901	1854
HIGH TURBINE	C02390	38808	9171	6901	1854
LOW TURBINE	D01851	38495	10385	20797	4910
EXHAUST CASE	GV5201	44760	10245	6901	1854
MAIN GEARBOX	F01899	29740	10570	13775	6039
C/C INNER	MB0262	U.N.K	U.N.K	6901	1854
C/C OUTER	RX721	U.N.K	U.N.K	6901	1854

ITEM	S/N or P/N	REMAINING CYCLES/TIME
DISK C1	2A1836	5765
DISK C1.5	G74516	5892
DISK C10	K18609	5206
DISK C11	K18874	5206
DISK C12	J64671	5206
DISK C13	J86903	5206
DISK C14	T33452	9321
DISK C15	J64527	5206
DISK C2	H46704	5892
DISK C3	H22010	5892
DISK C4	H46765	5892
DISK C5	J75066	5206
DISK C6	K18286	5206
DISK C7	J92765	5206
DISK C8	J64946	5206
DISK C9	L20364	7471
DISK T1	K17130	4189
DISK T2	K30375	1450
DISK T3	D01851	4975
DISK T4	H30268	4975
DISK T5	J29992	8434
DISK T6	H56921	4975
STAGE 6 AIR SEAL	A436AA0358	9874
STAGE 2 AIR SEAL	SV2015	9365

**ENGINE 5, S/N 689169 (Spare Engine)**

TTSN	TCSN	Next Limitation	Remaining Cycles	TTSO	TCSO	LAST O/H	MADE BY
53'324	11'876	Disk T2	104	6'613	1'409	27.05.2002	IBERIA

ITEM	S/N	TTSN	TCSN	TTSO	TCSO
FAN ROTOR	G00035	42062	9084	21939	5021
FAN CASE	H00003	53324	11866	6614	5021
LOW COMPRESSOR	A02385	46655	9842	6614	1399
HIGH COMPRESSOR	B89183	40471	9370	21940	5021
DIFF. CASE	K00004	47306	10995	6614	1399
HIGH TURBINE	C01856	42371	10896	6614	1399
LOW TURBINE	D01854	45214	12803	21939	5021
EXHAUST CASE	KZ6196	53324	11866	6614	5021
MAIN GEARBOX	F89184	50565	10966	21939	5021

ITEM	S/N or P/N	REMAINING CYCLES/TIME
DISK C1	H85834	6060
DISK C1.5	J90970	5158
DISK C10	G00006	4592
DISK C11	H20167	5630
DISK C12	H02152	5630
DISK C13	5B3789	3973
DISK C14	G08669	3973
DISK C15	H01907	5630
DISK C2	K30586	5158
DISK C3	H22010	5892
DISK C4	J90956	5158
DISK C5	H02050	5630
DISK C6	H47983	5630
DISK C7	H22300	5630
DISK C8	H01852	5630
DISK C9	K38784	5991
DISK T1	J10877	2104
DISK T2	J20534	104
DISK T3	H83451	2197
DISK T4	J01255	2197
DISK T5	H81958	2197
DISK T6	H84735	2197
STAGE 6 AIR SEAL	AA0454	11513
STAGE 2 AIR SEAL	UJ4302	11513



















