

## Aircraft General Specifications



Boeing  
737-500

Total Flight Hours: 41,377

Total Flight Cycles: 25,799

As Of: 31-May-08

Serial Number:

25009

## Aircraft General Specifications

**Boeing**

**737-522**

**Serial Number:**

**25009**



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This version of the Aircraft General Specification replaces any previous version(s) issued, and are therefore hereby invalidated.

# Aircraft General Specifications



Boeing Total Flight Hours: 41,377  
**737-500** Total Flight Cycles: 25,799 As Of: 31-May-08 **Serial Number: 25009**

### Current Lessee:

Operator: Siberia Airlines  
 Sub Lessee: (n/a)  
 Registration current Lease: VP-BTF Lease start - end: 01-Nov-05 01-Dec-08  
 Operating time since start Lease: Flight Hours: 3,138 Ratio: Started @ 38,239  
Flight Cycles 1,356 2.31 Started @ 24,443  
 Date of build: 21-Feb-91  
 Aircraft Make: 737-500  
 Aircraft Owner: Tribeca Aviation Partners II LLC  
 Asset Manager: Apollo Aviation Lease Management LLC

### Aircraft Specific Data:

Description

**General Requirements**

- Provisions for

Aircraft Redelivery Information

**AIRFRAME:**

Aircraft will be delivered fresh out of C check.

**PAINT:**

Aircraft will be stripped and painted all white with a gray bottom to the waterline.

**INTERIOR:**

Cabin will be delivered in one neutral color including carpets, lavatories, class dividers and seat covers.

**LANDING GEAR:**

Current gear will be exchanged with a serviceable unit having zero time since overhaul at the time of A/C delivery.

**TIRES AND BRAKES:**

Have no less than 50% on avg. tread-life remaining on each of the tires.

Have no less than 50% on avg. service wear life remaining on all brakes.

- Approach Category

CAT III

- Cockpit indications (Metric/English), for FMS, Cockpit Temp, Airco.Temp and Fuel amount:

EFIS

**Weights, Operational**

- MTW - Maximum Taxi Weight

123,500lbs.-56,018kg.

- MTOW - Maximum Take Off Weight

122,500lbs.-55,565

- MLW - Maximum Landing Weight

110,000lbs.-49,895kg

- MZFW - Maximum Zero Fuel Weight

102,500lbs.-46,493kg.

- OEW - Operating Empty Weight

69,213lbs.-31,394kg.

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### Interior

- Cabin Class Configuration	8c/96y	
- Seat Pitch	NOTE :	SEE LOPA
- Cockpit Observer Seats	1	
- Number of Flight Attendant Seats	4	
- Galley Locations	3 Fwd/ 2 Aft	
- Lavatory Locations	1 Fwd/ 2 Aft	

### Cargo Compartments

- Cargo Loading System	Standard Boeing
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### Fuel

- Usable Fuel capacity	36,100lbs.-16,370kg.- 5,388 gallons
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### Maintenance Records

- Aircraft weighing: Date last performed	N/A
Aircraft weighing:	

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<b>Airframe Checks:</b>
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Remark Mx-Program: Aircraft will be returned with a fresh C Check.

Planned Utilization per year: FH: 1,212 FC: 528 Ratio: 2.3

(FH/FC/Calendar calculations as of date in Header)

	Days	FH	FC		Date / Days	FH	FC
C Check	4,000			Last performed:	29-Dec-07	40,879	25,550
				Since Check:	154	498	249
				Remaining:		3,502	
				Projected (calc. first due):	20-Apr-11	44,879	27,324
				Customer planning date:			
				Remark:			
6C / SI	24,000			Last performed:	25-Feb-01	28,604	18,391
				Since Check:	2,652	12,773	7,408
				Remaining:		11,227	
				Projected (calc. first due):	01-Sep-17	52,604	30,690
				Customer planning date:			
				Remark:			

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<b>Landing Gears:</b>
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(\* FH/FC/Calendar calculated per date in the Header)

ATA	Part No.	Serial No.	Location	Yrs	Days	FH	FC
32-00	65-98371-401	SS0330	LEFT	Since New:		3,139	1,356
				Program:	3,650		
				Last event:	18-Mar-99	0	0
				Remaining:	0.8    288		
<b>Remark:</b> Current gear will be exchanged with a serviceble unit having zero time since overhaul at the time of A/C delivery.							
32-00	65-98372-192	CPT0255ET	NOSE	Since New:		3,139	1,356
				Program:	3,650		
				Last event:	18-Mar-99	0	0
				Remaining:	0.8    288		
<b>Remark:</b> Current gear will be exchanged with a serviceble unit having zero time since overhaul at the time of A/C delivery.							
32-00	65-98371-400	SS0609	RIGHT	Since New:		3,139	1,356
				Program:	3,650		
				Last event:	18-Mar-99	0	0
				Remaining:	0.8    288		
<b>Remark:</b> Current gear will be exchanged with a serviceble unit having zero time since overhaul at the time of A/C delivery.							

## PROJECTED CFM56-3C1 ENGINE LIFE LIMITED PARTS STATUS SHEET



Engine Total Time :	41,771
Engine Total Cycles :	25,823
Engine TSLSV:	254
Engine CSLSV:	120

ENG SERIAL NUMBER	AIRCRAFT	POSITION	DATE INSTALLED	ACFT AT INSTALL			SINCE INSTALL		CURRENT ACFT			LOWEST REMAINING
				DATE	HOURS	CYCLES	HOUR	CYCLES	DATE	HOURS	CYCLES	CYCLES
724632	25009	#1	11/29/2007	TBD	0.0	0	0.0	62	5/31/2008	0.0	0	FAN SHAFT 3478

COMPONENT	MANUFACTURER S PART NUMBER	SERIAL NUMBER	SPEC LIMITS			ENG TIME AT INSTALL			CONTINUED TIME			REMAINING TIME			SPECIAL NOTES:
			A CYC	B CYC	C CYC	A CYC	B CYC	C CYC	A CYC	B CYC	C CYC	A CYC	B CYC	C CYC	
FAN DISK	335-014-511-0	ROQ2673	30000	24900	20100	25047	0	0	25109	0	0	4891	4060	3277	
BOOSTER SPOOL	335-009-306-0	R007849	30000	30000	30000	25810	13	0	25872	13	0	4115	4115	4115	
FAN SHAFT	335-006-414-0	R004275	30000	30000	30000	23341	3119	0	23403	3119	0	3478	3478	3478	
HPC FRONT SHAFT	1275M37P02	GWN00RFE	20000	20000	20000	9195	0	0	9257	0	0	10743	10743	10743	
STAGE 1-2 SPOOL	1589M66G02	GWNPW599	20000	20000	20000	9818	3738	0	9880	3738	0	6382	6382	6382	
STAGE 3 DISK	1590M59P01	GWN016P2	20000	20000	20000	9195	0	0	9257	0	0	10743	10743	10743	
STAGE 4-9 SPOOL	1590M29G01	GWN01798	20000	20000	15800	9195	0	0	9257	0	0	10743	10743	8487	
CDP SEAL	1319M25P02	GFFR8NAG	20000	18000	15000	9195	0	0	9257	0	0	10743	9669	8057	
HPT FRONT SHAFT	1385M90P04	TMTKW926	20000	17300	17000	9195	0	0	9257	0	0	10743	9293	9132	
HPT FRONT AIRSEAL	1282M72P05	GWN00WE0	20000	15800	15100	9195	0	0	9257	0	0	10743	8487	8111	
HPT DISK	1475M29P02	GWN015VV	20000	18500	16600	9195	0	0	9257	0	0	10743	9937	8917	
HPT REAR SHAFT	9514M71P04	TNTAH175	25000	20000	15800	20213	45	0	20275	45	0	4669	3735	2951	
LPT SHAFT	301-330-067-0	F001240	30000	30000	30000	25645	0	0	25707	0	0	4293	4293	4293	
STUB SHAFT	301-330-624-0	JN80311	25000	25000	20000	1224	0	11579	1286	0	11579	9240	9240	7392	
CONICAL SUPPORT	305-056-116-0	DA864734	25000	25000	25000	9548	0	0	9610	0	0	15390	15390	15390	
LPT STAGE 1 DISK	301-331-125-0	J215707	25000	25000	18800	1224	19987	0	1286	19987	0	3727	3727	2803	
LPT STAGE 2 DISK	301-331-224-0	R005532	25000	25000	25000	20050	0	0	20112	0	0	4888	4888	4888	
LPT STAGE 3 DISK	301-331-322-0	J191578	25000	25000	25000	21150	0	0	21212	0	0	3788	3788	3788	
LPT STAGE 4 DISK	301-331-419-0	JN00399	20000	20000	20000	1224	0	9408	1286	0	9408	9306	9306	9306	

\*\* Time and Cycles are projected as of May 2008.

## PROJECTED CFM56-3C1 ENGINE LIFE LIMITED PARTS STATUS SHEET



Engine Total Time :	39,667
Engine Total Cycles :	26,197
Engine TSO:	254
Engine CSO:	120

ENG SERIAL NUMBER	AIRCRAFT	POSITION	DATE INSTALLED	ACFT AT INSTALL			SINCE INSTALL		CURRENT ACFT			LOWEST REMAINING
				DATE	HOURS	CYCLES	HOUR	CYCLES	DATE	HOURS	CYCLES	CYCLES
725879	25009	#2	11/26/2007	TBD	0.0	0	0.0	62	1/4/2008	0.0	0	LPT STAGE 4 DISK 2610

COMPONENT	MANUFACTURER S PART NUMBER	SERIAL NUMBER	SPEC LIMITS			ENG TIME AT INSTALL			CONTINUED TIME			REMAINING TIME			SPECIAL NOTES:
			A CYC	B CYC	C CYC	A CYC	B CYC	2C1 CYC	A CYC	B CYC	2C1 CYC	A CYC	B CYC	C CYC	
FAN DISK	335-014-557-0	R006948	30000	30000	24800	19953	6440	0	20015	6440	0	3545	3545	2931	
BOOSTER SPOOL	335-009-306-0	R007922	30000	30000	30000	22771	3119	0	22833	3119	0	4048	4048	4048	
FAN SHAFT	335-006-414-0	R020831	30000	30000	30000	26197	0	0	26259	0	0	3741	3741	3741	
HPC FRONT SHAFT	1275M37P02	GWNSD800	20000	20000	20000	11592	0	0	11654	0	0	8346	8346	8346	
STAGE 1-2 SPOOL	1589M66G02	GWNO1FG	20000	20000	20000	3165	0	957	3227	0	957	15816	15816	15816	
STAGE 3 DISK	1590M59P01	GWNJS955	20000	20000	20000	11592	0	0	11654	0	0	8346	8346	8346	
STAGE 4-9 SPOOL	1590M29G01	GWNWS668	20000	20000	15800	3165	0	2681	3227	0	2681	13379	13379	10570	
CDP SEAL	1319M25P02	GFFR8DVM	20000	18000	15000	11592	0	0	11654	0	0	8346	7511	6260	
HPT FRONT SHAFT	1385M90P04	TMTKW723	20000	17300	17000	11592	0	0	11654	0	0	8346	7219	7094	
HPT FRONT AIRSEAL	1282M72P05	GWNSC531	20000	15800	15100	11592	0	0	11654	0	0	8346	6593	6301	
HPT DISK	1475M29P02	GWNJA624	20000	18500	16600	11592	0	0	11654	0	0	8346	7720	6927	
HPT REAR SHAFT	9514M71P04	DED23201	25000	20000	15800	3165	0	4661	3227	0	4661	14398	11518	9100	
LPT SHAFT	301-330-067-0	F016884	30000	30000	30000	21676	0	0	21738	0	0	8262	8262	8262	
STUB SHAFT	301-330-624-0	J175580	25000	25000	25000	21676	0	0	21738	0	0	3262	3262	3262	
CONICAL SUPPORT	305-056-116-0	J174888	25000	25000	25000	21676	0	0	21738	0	0	3262	3262	3262	
LPT STAGE 1 DISK	301-331-126-0	BB652960	25000	25000	25000	4759	0	0	4821	0	0	20179	20179	20179	
LPT STAGE 2 DISK	301-331-227-0	BB647621	25000	25000	25000	4759	0	0	4821	0	0	20179	20179	20179	
LPT STAGE 3 DISK	301-331-322-0	BA729464	25000	25000	25000	8558	1344	0	8620	1344	0	15036	15036	15036	
LPT STAGE 4 DISK	301-331-425-0	RO17126	25000	25000	25000	20737	1591	0	20799	1591	0	2610	2610	2610	

\*\* Time and Cycles are projected as May 31, 2008.

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**APU:**

**APU SN: SP-E932358**      Model: APS2000                    Alt. model                    Loc: 25009

Totals Since New:    TSN: 22,744

As per\*: 31-May-08    CSN: 30,932                    (\* FH/FC/Calendar calculated per this date)

Method of APU FH/FC Calc

Shop visit history:	SV Level:	SV Date:	Days:	TSO:	CSO:
	Refurbishment/Overhaul	25-Feb-04	1,557	9,382	12,765



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### **Avionics / Communication:**

ATA	Part Description	Manufacturer:	Model:	Part Number	Qty	Location
22-00	Flight Management computer	Smiths Industries		2904d13	1	
22-00	Flight control computer	Honeywell		SP-300	2	
22-30	Auto Throttle Computer	Smiths Industries		735SUE10-12	1	
23-00	Cockpit Voice Recorder	AlliedSignal		980-6005-079	1	
23-00	Audio Reproduer Unit	Sony		980-9800-001	1	
23-00	ACARS	Rockwell Collins		DLM-700B	1	
23-00	VHF Communication Transceiver	Rockwell Collins		VHF-700	3	
23-30	Main Multiplexer	Matsushita		RD-AX1011	1	
25-00	PA Amplifier	Rockwell Collins		522-4538-005	1	
31-00	Digital Flight Data Recorder	AlliedSignal		69-37325-52	1	
31-00	Digital Flight Data Acquisition Unit	AlliedSignal		967-0205-001	1	
31-00	EFIS Symbol Generator	Rockwell Collins		EFIP-701E	2	
31-00	Digital Air Data Computer	Honeywell		HG180E1	2	
31-32	Digital/Analog Adapter	Honeywell		DG1035AB03	2	
34-00	VHF Navigation Receiver	Rockwell Collins		51RV-4B	2	
34-00	ADF Receiver	Rockwell Collins		51Y-7/777-1492-005	1	
34-00	Marker Beacon Receiver	Rockwell Collins		51Z-4	1	
34-00	Digital Tracking Filter	Endevco		6672M201	1	
34-00	Distance measuring equipment	Rockwell Collins		860E-5	2	
34-00	Weather Radar	Honeywell		RTA-4B/066-5008-0405	1	
34-00	ATC Transponder	Rockwell Collins		TRP-720	2	
34-00	TCAS	Rockwell Collins		TTR-920	1	
34-10	Inertial Reference Unit	Honeywell		HG1050AD04	1	
34-10	Inertial Reference Unit	Honeywell		HG1050AD05	1	
34-33	Radio Altimeter Transceiver	Thales		9599-607-14931	2	
34-46	Ground Proximity Warning Computer, Enhanced	Honeywell		965-0976-003	1	

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737-500

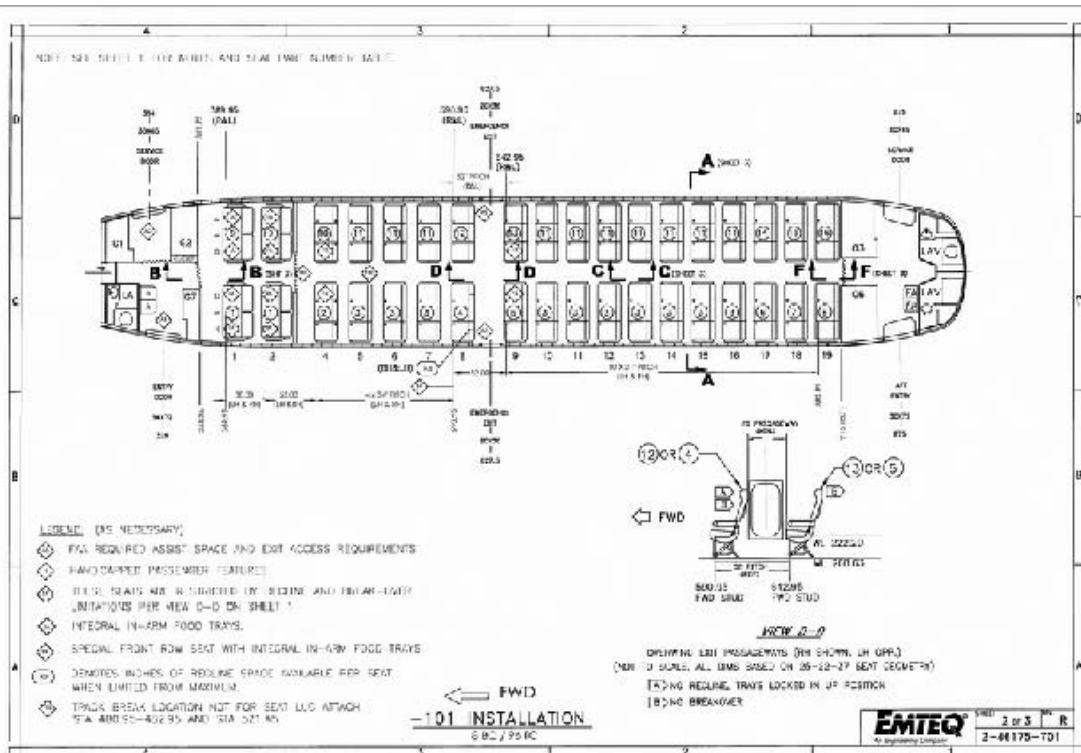
Total Flight Hours: 41,377  
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## Pictures:



Description: Interior: Proposed Seats at Aircraft Delivery



Description: General: LOPA