

For Sale or Lease

One

Boeing 737-3H4 Aircraft,

Serial Number 23339,

Registration Number N318SW



Offered By:

ACI Aviation Consulting



Updated: August 21, 2006

AIRCRAFT TECHNICAL SPECIFICATIONS

General

General	
<u>Aircraft Manufacturer</u>	Boeing
<u>Aircraft Type</u>	737-3H4
<u>Serial Number</u>	23339
<u>Date of Manufacturer</u>	August 11, 1986
<u>Country of Registration</u>	USA
<u>Registration Number</u>	N318SW
<u>Engine Type</u>	CFM56-3B-1
Operating Weights	
<u>Maximum Taxi Weight</u>	140,000 lbs.
<u>Maximum Take-off Weight</u>	139,500 lbs.
<u>Maximum Landing Weight</u>	114,000 lbs.
<u>Maximum Zero Fuel Weight</u>	105,000 lbs
<u>Fuel Capacity</u>	35,583 lbs.
Interior Configuration	
<u>Current Configuration</u>	137 Single Class Passengers
<u>Number and Location Of Galleys</u>	3 Total (1 Fwd – 2 Aft)
<u>Number and Location of Lavatories</u>	2 Total (1 Fwd – 1 Aft)

Aircraft History

<u>Operator</u>	Southwest Airlines, Inc.
<u>Aircraft Availability</u>	December 31, 2006

Operator Information

<u>Current Operator</u>	Southwest Airlines, Inc.
<u>Average Daily Utilization</u>	8.96 Hours / 8.46 Cycles
<u>Type Of Operation</u>	Part 121 Scheduled Passenger
<u>Operators Main Base</u>	Dallas, TX
<u>Operating Environment</u>	Domestic, USA



Aircraft Maintenance Program Summary

Data Effective Date: August 15, 2006

Total Aircraft Hours	65,525
Total Aircraft Cycles	61,879
Airframe Maintenance Program Summary	
A	21 Days
B	110 Days
C1 thru C4	440 Days
D ¼	913 Days
D ½	1,826 Days
D	3,652 Days

Aircraft Maintenance Status

Data Effective Date: August 15, 2006

Current Status of Intermediate and Heavy Maintenance Visits	Last Accomplished	Next Due
A1-Check	16 Aug 2006	06 Sep 2006
B-Check	12 May 2006	30 Aug 2006
C1-Check	12 May 2006	26 Jan 2007
D ¼ -Check	16 Dec 2005	16 Jun 2008
D ½ -Check	16 Dec 2005	16 Dec 2010
D Check	16 Dec 2005	16 Dec 2015
Historical Yearly Utilization	3,276 Hours	3,094 Cycles

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COMPONENT STATUS

Original Leased Engines

Engine Type: CFM56-3B-1

Data Effective Date: August 16, 2006

Current Location	Serial Number	TT/TC	TSO	Limit Item	Cycles Remaining
Left Engine Position 1	720456	61,757 TT 58,483 TC	1,210 Hours 928 Cycles	HPC Stg 1-9 Spool/ CDP Air Seal/ HPT Shaft & Seal	19,072
Right Engine Position 2	720515	60,423 TT 57,874 TC	5,267 Hours 4,168 Cycles	HPC Front Shaft/ Stg 3 -9 Spool/ HPT Frt Air Seal & Disk	6,168

Note: The above engines are not currently installed on the subject aircraft.

(See Engine Disk sheet on the following page)

Landing Gear

Data Effective Date: August 15, 2006

Position and Location	Serial Number	Cycles Between Overhaul	Cycles Remaining	Percent Remaining
Nose	8P2297	22,000	17,308	79%
Left Body	5P1231	26,000	6,442	25%
Right Body	6P2433	26,000	6,442	25%

ENGINE DISK LIFE
737-3H4 Aircraft MSN#23339
AS OF AUGUST 16, 2006

ITEM	ENGINE S/N 720456		ENGINE S/N 720515	
	Cycle Life Limit	Cycle Life Remaining	Cycle Life Limit	Cycle Life Remaining
Fan Disk	30,000	29,072	30,000	12,963
Booster Spool	30,000	29,072	30,000	12,963
Fan Shaft	30,000	29,072	30,000	6,825
HPC Front Shaft	20,000	19,072	20,000	6,168
Stage 1-2 Spool	20,000	19,072	20,000	15,832
Stage 3 Disk	20,000	19,072	20,000	6,168
Stage 4-9 Spool	20,000	19,072	20,000	6,168
Compressor Rear (CDP) Air Seal	20,000	19,072	20,000	15,832
Front Shaft	20,000	19,072	20,000	15,832
Front Air Seal	20,000	19,072	20,000	6,168
Disk	20,000	19,072	20,000	6,168
Rear Shaft	20,000	19,072	20,000	15,832
Stage 1 Disk	25,000	24,072	25,000	12,589
Stage 2 Disk	25,000	24,072	25,000	12,589
Stage 3 Disk	25,000	24,072	25,000	12,589
Stage 4 Disk	25,000	24,072	25,000	12,589
LPT Shaft	30,000	29,072	30,000	17,589
LPT Stub Shaft	25,000	24,072	25,000	12,589
Conical Support	25,000	24,072	25,000	12,589
SUM TOTALS	450,000	432,368	450,000	220,042
AVERAGES	23,684.21	22,756.21	23,684.21	11,581.16
		96.08%		48.90%

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Auxiliary Power Unit

Data Effective Date: August 15, 2006

Model	Serial Number	Total Time	Total Cycles	Time Remaining
GTCP85-129E/H	60592C	46,656	43,112	4,248

History of Major Airframe Damage:

No: XXX Yes:

According to the aircraft records forwarded to ACI by the operator. Only a comprehensive 100% records review will determine.

FAA Approvals:

None provided by SWA

Interior Configuration Data

<u>Total Number of Passenger Seats</u>	137
<u>Class Breakout</u>	Single Class (3 by 3)
<u>Number and Location of Galleys</u>	(3) 1 Fwd –2 Aft (Cold)
<u>Number and Location of Lavatories</u>	(2) 1 Fwd –1 Aft (Flush Type)
<u>Number of Crew Seats</u>	Cockpit = 3 (2+1) & Flight Attendant = 4 (2+2)
<u>Fuel Capacity</u>	35,583 lbs.
<u>Aircraft Last Date Weighed</u>	December 13, 2005
<u>Aircraft Paint Scheme</u>	SWA Standard New Livery

Additional

<u>Cargo Loading System</u>	No
<u>FAR 121 Compliant</u>	Yes
<u>TCAS</u>	Yes
<u>Windshear</u>	Yes
<u>Extended Range Over Water Operation (ETOPS)</u>	No
<u>FAR part 36, Stage III Noise Compliant</u>	Yes
<u>How Are Operators Manuals Maintained</u>	Unknown
<u>Able Obtain Organizational Chart</u>	No
<u>LOPA Drawing Supplied</u>	Yes



Avionics Inventory
Southwest Airlines N318SW
April 17, 2006

Nomenclature	Manufacturer	Part Number	S/N	Rack
ACARS	Honeywell Mk III	7519200-920	CMUMK3-00-787	Aft Lt 1
ADF 1	Collins 51Y-7	777-1492-005	1664	Aft Lt 4
ADF 2	Empty			Aft Lt 4
Air Conditioning Accessory Unit	Boeing	65-52810-50	D01192	Aft Rt 2
Air Data Computer 1	Honeywell	4061100-901	96092025	Fwd 1
Air Data Computer 2	Honeywell	4061100-901	96042006	Fwd 1
Anti-skid Controller	Crane	42719-01	0761	Aft Rt 2
APU Control Computer	Boeing	65-52801-31	M00628	Aft Rt 3
ATC Transponder Mode S 1	Bendix-King TRA67A	066-01127-1301	12735	Aft Lt 2
ATC Transponder Mode S 2	Bendix-King TRA67A	066-01127-1301	9426	Aft Lt 3
Audio Accessory Unit	Boeing	65-52804-211	D00507	Aft Lt 1
Auto Flight Controls Accy Unit	Boeing	65-52817-5	D00019	Fwd 3
Auto Slat Computer 1	Boeing	65-52818-5	D00080	Fwd 1
Auto Slat Computer 2	Boeing	65-52818-5	M00017	Fwd 1
Auto Speed Brake	Boeing	6584209-21	D00265	Aft Rt 2
Auto Throttle Computer	Empty			Fwd 1
Battery Charger	Eldec	2-792-02	1878	Aft Rt 1
Cabin Pressure Controller	United Technologies	763810-X6	8709353	Fwd 2
Cabin Temp Controller	Garrett	548376-6	044C-9942	Fwd 2
Cockpit Voice Recorder	Not Accessible			Empennage
Comm 2 Transceiver	Collins 618M-3	622-1181-001	14935	Aft Lt 1
Comparator Warning Monitor	Collins 54W-1D	522-3949-002	3640	Aft Rt 4
DFDAU	Honeywell	967-0212-002	10206	Aft Lt 2
Digital Analogue Adapter 1	Honeywell	D61035AB03	090	Fwd 2
Digital Analogue Adapter 2	Honeywell	D61035AB03	024/AB02	Fwd 2
DME 1	Bendix KDM7000B	066-1019-23	21243	Aft Lt 2
DME 2	Bendix KDM7000B	066-1019-23	21023	Aft Lt 2
Drive Electronics Unit	Flight Dynamics	1500-0490-002	7157	Fwd 3
Engine Accessory Unit	Boeing	65-73606-170	D02412	Aft Rt 2
Engine Vib Signal Conditioner	Endevco	6672M213	DA09	Fwd 2
Fire Detection Module	Walter Kidde	899315-05	0085	Aft Rt 3
Flap Slat Position Switches	Boeing	65-52807-39	D00847	Aft Rt 2
Flight Data Recorder	Not Accessible			Empennage

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Nomenclature	Manufacturer	Part Number	S/N	Rack
Flight Instrument Accessory Unit	Boeing	65-52805-339	D00580	Fwd 2
Flt Control Computer A	Honeywell SP-300	4051600-923	85020228	Fwd 3
Flt Control Computer B	Honeywell SP-300	4051600-923	96063942	Fwd 3
Flt Management Computer	Smiths Ind 2907A4	171497-05-01	985	Fwd 2
GPWS	Allied Signal	965-0976-020-217-217	2558	Aft Lt 4
HGS Computer	Flight Dynamics	1500-0471-006	2865	Aft Lt 3
IRU 1	Honeywell	HG1050AD04	1980/01	Rt Mid
IRU 2	Honeywell	HG1050AD04	328/02	Rt Mid
Marker Beacon	Collins 51Z-4	522-2996-011	15159	Aft Lt 4
Miscellaneous Switching Unit	Boeing	65-52806-110	D00312	Aft Rt 2
Overheat Detector	Fenwal	20-035008-300	B0978	Aft Rt 2
PA Amp	Collins 346D-2B	622-4096-001	170	Aft Lt 1
Power Supply Unit 1	Oeco Corp.	080-20325-01	3671	Aft Rt 1
Power Supply Unit 2	Oeco Corp.	080-20325-01	3924	Aft Rt 1
Power Supply Unit 3	Oeco Corp.	080-20325-01	3925	Aft Rt 1
Radio Altimeter 1	Collins 860F-4	622-3890-021	2939	Aft Lt 4
Radio Altimeter 2	Collins 860F-4	622-3890-021	10043	Aft Lt 4
Stall Warning Computer 1	Boeing	65-52822-3	D00248	Fwd 1
Stall Warning Computer 1	Boeing	65-52822-3	D00361	Fwd 1
Static Inverter	Allied Signal	39B168-1-C	N1227	Aft Rt 1
TECAS Unit	Honeywell	06650000-2221	8213	Aft Lt 3
VHF Transceiver 1	Bendix KTR9100A	Not Visible	6054	Aft Lt 1
VHF Transceiver 2	Collins 618M-3	622-1181-001	14935	Aft Lt 1
VHF Transceiver 3	Honeywell	97896	07028	Aft Lt 1
VOR/ILS 1	King KNR6030	066-1060-48	2674	Aft Lt 4
VOR/ILS 2	King KNR6030	066-1060-48	3874	Aft Rt 4
VOR/ILS 3	King KNR6030	066-1060-48	1919	Aft Rt 4
Weather Radar	Allied Signal RTA-4B	066-50008-0406	11283	Nose
Window Heat Controller Lt Fwd	Koito Manufacturing	83000-05601	1704	Aft Rt 3
Window Heat Controller Lt Side	General Dynamics	231-5	7734	Aft Rt 3
Window Heat Controller Rt Fwd	General Dynamics	231-5	8550	Aft Rt 3
Window Heat Controller Rt Side	Pacific Electro	231-2	346	Aft Rt 3
Yaw Damper A	Honeywell	4084042-911	99051248	Fwd 3

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