



B737-522
Current Registration LY-AWF
MSN 26707

SPECIFICATION SUMMARY



Avia Asset Management
Tel.: (8 5) 252 55 25, fax: (8 5) 252 55 24, e-mail: info@aviaam.lt

SPECIFICATION AND/OR DESCRIPTION ARE PROVIDED AS INTRODUCTORY ONLY AND DO NOT CONSTITUTE REPRESENTATIONS OR WARRANTIES OF AVIA ASSET MANAGEMENT. ACCORDINGLY, YOU SHOULD RELY ON YOUR OWN INSPECTION OF THE AIRCRAFT

AIRCRAFT IDENTIFICATION

Aircraft Model	B737-522	Current Registration	LY-AWF
Serial Number	26707	Registration Authority	Lithuania
Line Number	2512	Previous Operator	Sky Europe
Manufacture Date	09 Aug 1993	Current Operator	Tajik Air

OPERATING LIMITATIONS

Maximum Taxi Weight (MTW)	59,420 kg
Maximum Take-Off Weight (MTOW)	58,967 kg
Maximum Landing Weight (MLW)	49,895 kg
Maximum Zero Fuel Weight (MZFW)	46,493 kg
Basic Empty Weight (BEW)	31,665 kg
Fuel Capacity	20,104 liters
Auxiliary Fuel	NONE

AIRFRAME STATUS

Total Airframe Hours	42,410
Total Cycles	25,270
Status Date	27 June 2010

MAINTENANCE INTERVALS

	A check cycle (250 FH per cycle – 16 per C check)															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
2A		x		x		x		x		x		x		x		x
4A				x				x				x				x
8A								x								x
1C																x

	C check (4000 FH per cycle – 6 per SI)					
	1	2	3	4	5	6
1C	x	x	x	x	x	x
2C		x		x		x
4C				x		x
6C						x
SI						x

AIRCRAFT MAINTENANCE STATUS

Check	Date	TSN	CSN
D	22 Mar 2003	27,691	17,647
4C	30 Oct 2009	40,374	24,650

MAIN ENGINES

Engine Model	CFM56-3C1
Engine Thrust Rating	20,000 lbs
Engine position	No. 1
Serial No	727424
TSN	43,582
CSN	28,988
TSLSV (Performance Restoration)	8,153
CSLSV (Performance Restoration)	3,641
Date	27 Jun 2010

Engine S/N
727424

Engine Name Plate
CFM 56-3C1

TSN: **43582**
CSN: **28988**

TSLSV: **8153**
CSLSV: **3641**

LY-AWF Pos. 1

CURRENT THRUST: 20000 LBS (CAT A)

Designation	Part Number	Serial Number	Total HRS	Total Cycles	Total Cycles			Life Limit (Cycles)			Remaining Cycles		
					Cat A	Cat B	Cat C	Cat A	Cat B	Cat C	Cat A	Cat B	Cat C
Booster Spool	335-009-306-0	R023326	43582	28988	28988	0	0	30000	30000	30000	1012	1012	1012
Stage 1 Fan Disk	335-014-511-0	BA943706	21702	13213	13213	0	0	30000	24900	20100	16787	13933	11247
Fan Shaft	335-006-414-0	J165113	43582	28988	28988	0	0	30000	30000	30000	1012	1012	1012
HPC Front Shaft	1275M37P02	GWN02121	19167	10892	10892	0	0	20000	20000	20000	9108	9108	9108
HPC Stage 1/2 Spool	1589M66G02	GWNBW471	28003	16029	15019	1010	0	20000	20000	20000	3971	3971	3971
HPC Stage 3 Disk	1590M59P01	GWN01G4J	19167	10892	10892	0	0	20000	20000	20000	9108	9108	9108
HPC Stage 4/9 Spool	1590M29G01	GWN023CG	19167	10892	10892	0	0	20000	20000	15800	9108	9108	7195
HPC Rear Air Seal	1319M25P02	GFF59G9P	22482	15226	15226	0	0	20000	18000	15000	4774	4297	3581
HPT Front Shaft	1385M90P04	XAE35483	18720	10520	10520	0	0	20000	17300	17000	9480	8200	8058
HPT Front Air Seal	1282M72P05	XAE34330	18720	10520	10520	0	0	20000	15800	15100	9480	7489	7157
HPT Disk	1475M29P02	GWN02G6C	18720	10520	10520	0	0	20000	18500	16600	9480	8769	7868
HPT Rear Shaft	9514M71P07	TMTMS732	18720	10520	10520	0	0	25000	20000	15800	14480	11584	9151
LPT Stage 1 Disk	301-331-126-0	BB425300	18720	10520	10520	0	0	25000	25000	25000	14480	14480	14480
LPT Stage 2 Disk	301-331-224-0	R005432	30932	20456	3641	16815	0	25000	25000	25000	4544	4544	4544
LPT Stage 3 Disk	301-331-322-0	BA988688	24122	13447	12592	855	0	25000	25000	25000	11553	11553	11553
LPT Stage 4 Disk	301-331-429-0	DB143140	25655	20794	20794	0	0	25000	25000	25000	4206	4206	4206
LPT Conical Support	305-056-115-0	J162212	37862	19591	5701	8479	5411	25000	23800	21700	4159	3959	3610
LPT Shaft	301-330-067-0	LA005391	18720	10520	10520	0	0	30000	30000	30000	19480	19480	19480
LPT Stub Shaft	301-330-624-0	R008343	30943	20752	14238	6514	0	25000	25000	20000	4248	4248	3398

Engine Limited at: **30000** 30000 30000

First Limited Part: **1012** 1012 1012

ENGINE was repaired by MTU Maintenance Canada at 35429 HRS / 25347 CYC on 01 May 2006.

ENGINE was installed at Aircrat 34256 HRS / 21629 CYC on 11 May 2006

MAIN ENGINES

Engine Model	CFM56-3C1
Engine Thrust Rating	20,000 lbs
Engine position	No. 2
Serial No	721689
TSN	58,845
CSN	33,420
TSLSV (Performance Restoration)	8,835
CSLSV (Performance Restoration)	4,002
Date	27 Jun 2010

Engine S/N **721689** Engine Name Plate **CFM 56-3C1** **TSN: 58845** TSLSV: **8835**
 LY-AWF Pos. 2 CURRENT THRUST: 20000 LBS (CATA) **CSN: 33420** CSLSV: **4002**

Designation	Part Number	Serial Number	Total HRS	Total Cycles	Total Cycles			Life Limit (Cycles)			Remaining Cycles		
					Cat A	Cat B	Cat C	Cat A	Cat B	Cat C	Cat A	Cat B	Cat C
Booster Spool	335-009-306-0	DA092139	25295	22156	22124	32	0	30000	30000	30000	7844	7844	7844
Stage 1 Fan Disk	335-014-553-0	R022916	43437	26799	26767	32	0	30000	25100	20500	3195	2673	2183
Fan Shaft	335-006-414-0	DA144944-7	25025	23401	23369	32	0	30000	30000	30000	6599	6599	6599
HPC Front Shaft	1275M37P02	GWN021WP	20723	12312	12280	32	0	20000	20000	20000	7688	7688	7688
HPC Stage 1/2 Spool	1589M66G02	GWN04WTL	18704	11964	11932	32	0	20000	20000	20000	8036	8036	8036
HPC Stage 3 Disk	1590M59P01	GWN03EMW	22041	14689	14657	32	0	20000	20000	20000	5311	5311	5311
HPC Stage 4/9 Spool	1590M29G01	GWN0249H	20723	12312	12280	32	0	20000	20000	15800	7688	7688	6074
HPC Rear Air Seal	1319M25P02	GFFR8A68	24756	14726	14694	32	0	20000	18000	15000	5270	4743	3953
HPT Front Shaft	1385M90P04	TMTKW759	24756	14726	14694	32	0	20000	17300	17000	5269	4558	4479
HPT Front Air Seal	1282M72P05	GWNSD575	24756	14726	14694	32	0	20000	15800	15100	5265	4160	3975
HPT Disk	1475M29P02	GWN01FPE	20723	12312	12280	32	0	20000	18500	16600	7685	7109	6379
HPT Rear Shaft	9514M71P07	TMTMS689	20723	12312	12280	32	0	25000	20000	15800	12680	10144	8014
LPT Stage 1 Disk	301-331-126-0	BB334692	20990	11646	11614	32	0	25000	25000	25000	13354	13354	13354
LPT Stage 2 Disk	301-331-227-0	BB345186	20990	11646	11614	32	0	25000	25000	25000	13354	13354	13354
LPT Stage 3 Disk	301-331-322-0	BB345215	20990	11646	11614	32	0	25000	25000	25000	13354	13354	13354
LPT Stage 4 Disk	301-331-429-0	BA955188	20990	11646	11614	32	0	25000	25000	25000	13354	13354	13354
LPT Conical Support	305-056-116-0	DA703149U	27378	15117	13097	2020	0	25000	25000	25000	9883	9883	9883
LPT Shaft	301-330-067-0	LA066926	28237	19895	19863	32	0	30000	30000	30000	10105	10105	10105
LPT Stub Shaft	301-330-626-0	DA727953-5	20990	11646	11614	32	0	25000	25000	25000	13354	13354	13354

Engine Limited at: **33420** 33420 33420

First Limited Part: **5265** 4160 3953

1) ENGINE was repaired by MTU Maintenance Canada at 50010 HRS / 29418 CYC on 15 Jan 2006

2) ENGINE was installed at Aircraft 33674 HRS / 21300 CYC on 02 Mar 2006

3) ENGINE (S/N 721689):

was removed from a/c LY-AWF at 19 SEP 2009 (for temporary installation on LY-FLC pos# 1) with data at replacement //ENG TT 56709 HRS 45 MIN // TC 32768 CYC,

AUXILIARY POWER UNIT

Manufacturer and Model	Hamilton APS2000-62T
Part Number	170101-106B
Serial Number	SP-E932410
TSN	13,408
TSLSV	6,128

LANDING GEAR

Type	P/N, S/N	Interval		Overhaul	
		Months	Cycles	Date	CSO
Left MLG	65-73761-127, SS3884	120	21,000	16 Aug 2001	9,888
Right MLG	65-73761-128, SS3907	120	21,000	08 Aug 2001	9,888
Nose LG	65-73762-21, CPT0794ETM	120	21,000	08 Aug 2001	9,888

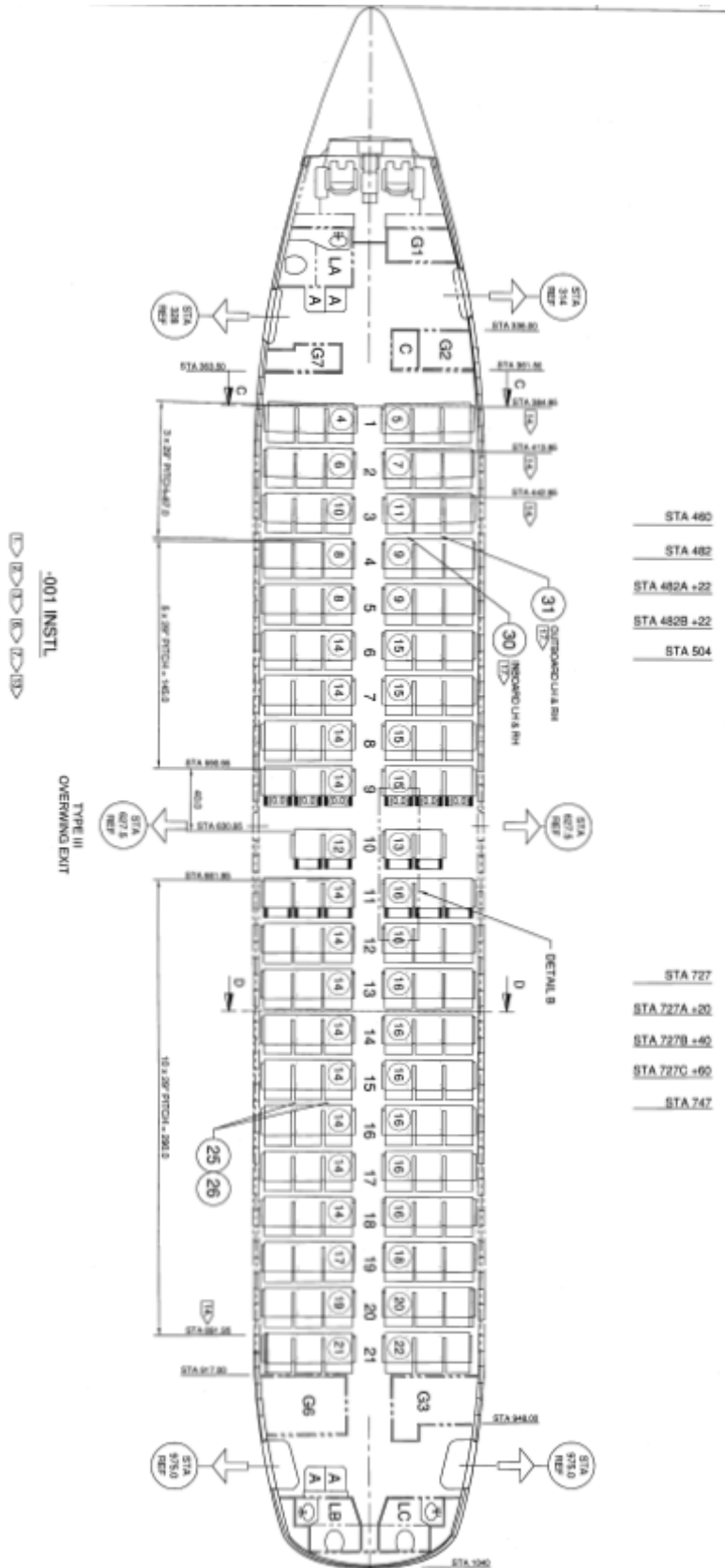
WHEELS AND BRAKES

	Manufacturer	Part No
Brake	B.F. Goodrich	2-1474-5
Main Wheel	B.F. Goodrich	3-1439-5
Nose Wheel	B.F. Goodrich	3-1438-1

INTERIOR CONFIGURATION / INFORMATION

Passenger Seats, Economy (only)	124
Galleys (ATLAS Standard)	G1, G2, G3, G6, G7
Lavatories	3

PASSENGER SEATS LAYOUT



AVIONICS

System	Qty	Manufacturer	Part Number
ADF Transciever	2	Collins	51Y-7
ATC System	2	Collins	822-1338-003
Air Data Computer	2	Honeywell	4061100-901
Auto Throttle	1	Smiths Industries	10-62017-30
Automatic Flight Control System	2	Honeywell	4051600-914
CVR	1	Sundstrand	980-6020-001
Distance Measuring Equipment	2	Collins	860E-5
Flight Data Recorder	1	Fairchild	S800-2000-00
Flight Director	2	Honeywell	SP300
Flight Management Computer	1	Smiths Industries	168925-05-01
GPWS	1	Honeywel	965-0976-003
HF Transiever			
Inertial Reference Unit	2	Honeywell	HG1050AD-05
Marker Beacon Installed	1	Collins	51Z-4
Radio Altimeter Transeiver	2	Sextant	F6170
SELCAL Decoder			
TCAS	1	Collins	622-8971-020
VHF Navigation Transeiver	2	Collins	51RV-5B
VHF Transeiver	2	Collins	VHF-700B
Weather Radar Computer	1	Collins	WXR-700X
Yaw Damper	1	Honeywell	4054042-911