

Insp Due List A/C S/N 760312

MAJOR INSPECTION STATUS N139CC S76B 760324

A/C TT : 1938.0 Date : 9-Jul-2008
 Ldgs : 2910

Insp	Due		Remaining	Last C/W	
	Hrs	Date		Hrs	Date
25 Hr	1945.7		7.7	1920.7	20-Jun-08
50 Hr	1970.7		32.7	1920.7	20-Jun-08
100 Hr	1978.2		40.2	1878.2	14-May-08
200 Hr	N/A by mod status				
300 Hr	2069.2		131.2	1769.2	19-Dec-07
340 Hr	N/A by mod status				
500 Hr	2269.2		331.2	1769.2	19-Dec-07
600 Hr	2369.2		431.2	1769.2	19-Dec-07
900 Hr	2669.2		731.2	1769.2	19-Dec-07
1250 Hr	3	Yr	3019.2	1769.2	19-Dec-07
1500 Hr	3269.2		1331.2	1769.2	19-Dec-07
1500 Hr M/R servo leak test	2994.1		1056.1	1494.1	
3000 Hr M/R blade	11750.0				

Calendar Insp Items

Insp Item	Due	Last C/W
3 Mos	18-Sep-08	18-Jun-08
6 Mos	18-Dec-08	18-Jun-08
12 Mos	19-Dec-08	19-Dec-07
18 Mos	19-Dec-08	19-Dec-07
24 Mos	19-Dec-09	19-Dec-07
3 Yr Fuel supply line	Dec 10	19-Dec-07
3 Yr M/R Swashplate	Dec 10	19-Dec-07
3 Yr M/R comp. and bolts	Dec 10	19-Dec-07
3 Yr eng fire ext manifolds	Dec 10	19-Dec-07

Overhaul Items

A/C S/N 760324

Aircraft TT : 1938.0

Landings : 2910

Component	Life	Part No.	Serial No.	Due Overhaul	Due Retire	Remaining Life	Inst A/C TT	TT/TSO comp
AFCS Actuator Pitch	3000	76900-01802-106	8107681	3107.5		1169.5	107.5	0.0
AFCS Actuator Pitch	3000	76900-01802-106	8107695	3000.0		1062.0	0.0	0.0
AFCS Actuator Roll	3000	76900-01802-106	8312638	3000.0		1062.0	0.0	0.0
AFCS Actuator Roll	3000	76900-01802-106	80101796	4241.8		2303.8	1241.8	0.0
AFCS Actuator Yaw	3000	76900-01802-106	8107584	4370.8		2432.8	1370.8	0.0
AFCS Actuator Yaw	3000	76900-01802-106	8107608	3000.0		1062.0	0.0	0.0
Starter-Generator	1000	76550-00911-101	163	2932.6		994.6	1932.6	0.0
Starter-Generator	1000	23092-002	257	2766.1		828.1	1766.1	0.0
Fuel Selector Valve	10 Yrs	65317-03006-109	0903	Dec 2017				
Fuel selector Valve	10 Yrs	65317-03006-110	0561	Dec 2017				
Eng Fire Extinguisher	5 Yrs	472258	81051EK	Jul-2012				
Eng Fire Extinguisher	5 Yrs	472258	71846EK	Jul-2012				
MGB	3250	76351-09600-041	A231-00020	3250.0		1312.0	0.0	0.0
IGB	4500	76357-05600-041	A242-00077	6269.2		4331.2	1769.2	0.0
TGB	4000	76358-05600-041	A239-00010	4000.0		2062.0	0.0	0.0
T/D/S Support	3000	76361-04007-042	SD-0242	4728.2		2790.2	1728.2	0.0
T/D/S Support	3000	76361-04007-042	A348-00266	4730.5		2792.5	1730.5	0.0
T/D/S Support	3000	76361-04007-042	A348-284-002	4728.2		2790.2	1728.2	0.0
T/D/S Sppt Bearing	5 Yrs	SB1138-102	B626-58735		Apr-2011		Apr-2006	0.0
T/D/S Sppt Bearing	5 Yrs	SB1138-102	B626-60330		May-2011		May-2006	0.0
T/D/S Sppt Bearing	5 Yrs	SB1138-102	B626-58734		Apr-2011		Apr-2006	0.0
M/R Servo	3000	76650-09805-110	0478	4494.1		2556.1	1494.1	0.0
M/R Servo	3000	76650-09805-110	0129	4494.1		2556.1	1494.1	0.0
M/R Servo	3000	76650-09805-110	0587	4494.1		2556.1	1494.1	0.0
T/R Servo	On Cond.	76650-05803-102	B243-00032				101.4	265.8

Life Limits

A/C S/N 760324

Aircraft TT : 1938.0

Landings : 2910

Component	Life	Part No.	Serial No.	Due Retire	Remaining Life	Inst A/C TT	TT/TSO comp	Inst A/C Ldg	Comp Ldg
MLG Components LH									
Assy	On Cond.	76250-02500-101	S0905						
Cylinder LH	108000	2071-2	CPT 0134JK	108000	105090			0	0
Piston	128700	2071-4	CPC 0771CPI	128700	125790			0	0
Axle Support Fttg	33300	2071-12	CPT 0009SNM	33300	30390			0	0
Pin, Univ to cyl	72000	2071-29	CPT 0038X	72000	69090			0	0
Pin, pos rod-upper tq arm	112500	2071-32	CPT 0023X	112500	109590			0	0
Drag Brace rod end	107388	2071-35	CPT 0057BI	107388	104478			0	0
Upper tq arm	120730	2071-46	CPC 0764JK	120730	117820			0	0
Lwr Tq arm	53676	2071-47	CPT 0050	53676	50766			0	0
Lwr drag brace	207000	2071-74	CPC 0770HSM	207000	204090			0	0
Retraction brace	184500	2071-76-XX	CPT 0114JK	184500	181590			0	0
Axle	105210	2071-85	CPC 0858PTM	105210	102300			0	0
Rod end, pos rod	61200	2071-235	CPT 0025X	61200	58290			0	0
Landing Actuator LH									
Assy	On Cond.	1945G200-1	CPT 0861JK						
Cylinder	31950	1945F302	CPC 1007JK	31950	29040			0	0
Piston	148500	1945E314	324-06	148500	145590			0	0
Piston Rod End	36000	01-747-061	324-07	36000	33090			0	0
MLG Components RH									
Assy	On Cond.	76250-02500-102	S0916						
Cylinder RH	108000	2071-2	CPT 0109JK	108000	105090			0	0
Piston	128700	2071-4	CPC 0700	128700	125790			0	0
Axle Support Fttg	33300	2071-12	CPT 0038SNM	33300	30390			0	0
Pin, Univ to cyl	72000	2071-29	CPT 0019X	72000	69090			0	0
Pin, pos rod-upper tq arm	112500	2071-32	CPT 0010X	112500	109590			0	0
Drag Brace rod end	107388	2071-35	CPT 0077BI	107388	104478			0	0
Upper tq arm	120730	2071-46	CPC 0686JK	120730	117820			0	0
Lwr Tq arm	53676	2071-47	CPT 0041X	53676	50766			0	0
Lwr drag brace	207000	2071-74	CPC 0673HSM	207000	204090			0	0
Retraction brace	184500	2071-76-XX	CPC 0371JK	184500	181590			0	0
Axle	105210	2071-85	CPC 0659PTM	105210	102300			0	0
Rod end, pos rod	61200	2071-235	CPT 0039K	61200	58290			0	0
Landing Actuator RH									
Assy	On Cond.	1945G200-02	CPC 0770JK						
Cylinder	31950	1945F302	CPC 1400JK	31950	29040			0	0
Piston	148500	1945E314	324-05	148500	145590			0	0
Piston Rod End	36000	01-747-061	324-04	36000	33090			0	0
Nose Landing Gear									
Assy	On Cond.	76250-01000-111	S0861						
Axle	224248	2070-85	CPC 0031X	224248	221338			0	0

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Component	Life	Part No.	Serial No.	Due Retire	Remaining Life	Inst A/C TT	TT/TSO comp	Inst A/C Ldg	Comp Ldg
Fork	144000	2070-60	CPC 0356JK	144000	141090			0	0
Piston	161451	2070-4	CPO 0481	161451	158541			0	0
Cylinder	60750	2070-2	CPT 0019X	60750	57840			0	0
Nose Actuator	On Cond.	2070A200	CPT 0608ADE						
Act Cyl terminal	103500	2070-201	CPT 0126ADE	104533	101623			1490	457
Piston Terminal	180000	2070-212	CPT 0307ADE	181033	178123			1490	457
Piston Rod	99000	1944E204	CPT 0171ADE	100490	97580			1490	0
Fuselage									
Eng mount fwd crossbeam	26400	76070-20526-050	A255-00019	26400.0	24462.0	0.0	0.0		
MGB Support Fttg, LH	23400	76209-03001-051	None	23400.0	21462.0	0.0	0.0		
MGB Support Fttg, RH	23400	76209-03001-052	None	23400.0	21462.0	0.0	0.0		
Stabilizer	37700	76080-20063-046	A253-00034	37700.0	35762.0	0.0	0.0		
Stab Retaining Fitting	14000	76209-04004-042	SS-02	14000.0	12062.0	0.0	0.0		
Stab Support Fttg	14000	76209-04004-045	SS-01	14000.0	12062.0	0.0	0.0		
Main Rotor									
M/R Blade	28000	76150-09100-051A	A086-01474	28000.0	26062.0	0.0	0.0		
Blade Spar	37000	76150-09004-102	Unknown	37000.0	35062.0	0.0	0.0		
M/R Blade	28000	76150-09100-051A	A086-01475	28000.0	26062.0	0.0	0.0		
Blade Spar	37000	76150-09004-102	Unknown	37000.0	35062.0	0.0	0.0		
M/R Blade	28000	76150-09100-051A	A086-01476	28000.0	26062.0	0.0	0.0		
Blade Spar	37000	76150-09004-102	Unknown	37000.0	35062.0	0.0	0.0		
M/R Blade	28000	76150-09100-051A	A086-01477	28000.0	26062.0	0.0	0.0		
Blade Spar	37000	76150-09004-102	Unknown	37000.0	35062.0	0.0	0.0		
M/R Hub	18000	76103-08010-050	B027-00228	18000.0	16062.0	0.0	0.0		
M/R spindle	5000	76102-08001-045	D134-00144	5000.0	3062.0	0.0	0.0		
Spindle Nut	5000	76102-08003-102	B186-02319	5000.0	3062.0	0.0	0.0		
Horn	21700	76102-08011-046	C050-00020	21700.0	19762.0	0.0	0.0		
Outer Race (Kahr Brg)	1250	SB5206-202	B99-19588	3019.2	1081.2	1769.2	0.0		
M/R spindle	5000	76102-08001-045	D134-00311	5000.0	3062.0	0.0	0.0		
Spindle Nut	5000	76102-08003-102	B186-02394	5000.0	3062.0	0.0	0.0		
Horn	21700	76102-08011-046	C050-00035	21700.0	19762.0	0.0	0.0		

Life Limits

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Component	Life	Part No.	Serial No.	Due Retire	Remaining Life	Inst A/C TT	TT/TSO comp	Inst A/C Ldg	Comp Ldg
Outer Race (Kahr Brg)	1250	SB5206-202	B199-19627	3019.2	1081.2	1769.2	0.0		
M/R spindle	5000	76102-08001-045	D134-00440	5000.0	3062.0	0.0	0.0		
Spindle Nut	5000	76102-08003-102	B186-01484	5000.0	3062.0	0.0	0.0		
Horn	21700	76102-08011-046	C050-00063	21700.0	19762.0	0.0	0.0		
Outer Race (Kahr Brg)	1250	SB5206-202	B199-19598	3019.2	1081.2	1769.2	0.0		
M/R spindle	5000	76102-08001-045	A134-01500	5000.0	3062.0	0.0	0.0		
Spindle Nut	5000	76102-08003-102	B186-02155	5000.0	3062.0	0.0	0.0		
Horn	21700	76102-08011-046	C050-00044	21700.0	19762.0	0.0	0.0		
Outer Race (Kahr Brg)	1250	SB5206-202	B199-19597	3019.2	1081.2	1769.2	0.0		
M/R spindle attach bolts	19600		None	19600.0	17662.0	0.0	0.0		
Bifilar Support Arm	29400	76107-08001-045	A173-00323	29400.0	27462.0	0.0	0.0		
Bifilar Weight	29400	76107-08004-053	A188-00607	29400.0	27462.0	0.0	0.0		
Bifilar Weight	29400	76107-08004-053	A188-00543	29400.0	27462.0	0.0	0.0		
Bifilar Weight	29400	76107-08004-053	A188-00734	29400.0	27462.0	0.0	0.0		
Bifilar Weight	29400	76107-08004-053	A188-00641	29400.0	27462.0	0.0	0.0		
M/R Swashplate	19200	76104-08500-041	A238-00019	19200.0	17262.0	0.0	0.0		
T/R Outer Ret Plate	9100	76102-05001-047	A131-00294	9100.0	7162.0	0.0	0.0		
T/R Paddle	On Cond.	76101-05501-041	A245-00045						
T/R Spar	On Cond.	76101-05017-045	A116-01516	On Cond.					
T/R Blade	20000	76101-05020-046	02117	20001.0	18063.0	5.1	4.1		
T/R Horn	12000	76101-05006-042	A334-02117	12001.0	10063.0	5.1	4.1		
T/R Blade	20000	76101-05020-046	02119	20001.0	18063.0	5.1	4.1		
T/R Horn	12000	76101-05006-042	A334-02119	12001.0	10063.0	5.1	4.1		
T/R Paddle	On Cond.	76101-05501-041	A245-00042						
T/R Spar	On Cond.	76101-05017-045	A116-01495	On Cond.					
T/R Blade	20000	76101-05020-046	2088	20000.7	18062.7	5.1	4.4		
T/R Horn	12000	76101-05006-042	A334-2088	12000.7	10062.7	5.1	4.4		
T/R Blade	20000	76101-05020-046	2110	20000.7	18062.7	5.1	4.4		
T/R Horn	12000	76101-05006-042	A334-2110	12000.7	10062.7	5.1	4.4		
Drive Train									
MGB Quill Shaft	9000	76351-09628-101	A212-00050	9000.0	7062.0	0.0	0.0		
MGB Spline Adp. Shaft	37000	76351-09626-101	A211-00027	37000.0	35062.0	0.0	0.0		
MGB Shaft & Spur Pin.	On Cond.	76351-09612-101							
M/R Shaft	4900	76351-09630-041	B213-00033	4900.0	2962.0	0.0	0.0		

Life Limits

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Aircraft TT : 1938.0

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Component	Life	Part No.	Serial No.	Due Retire	Remaining Life	Inst A/C TT	TT/TSO comp	Inst A/C Ldg	Comp Ldg
Martin Baker seat harness	Not Installed								
Emergency float bottles	Not Installed								
M/L/G Door Explosive Link	Not Installed								
L/G Blow Down Bottle	15 yr	76650-01801	969	Jun 2013					
Hydro test	3 yr			Jul 2010					

Rev 8

Life Limits

Engine TT : 1923.4 Engine Starts : 2370 Engine Flights : 2370

Item	Part No.	Serial No.	FCF	Cycle Factor	Life Limit		Item Installed				Remaining		Cycle Calculation	Start calc	Flt calc	
					Hours	Cycles	eng hours	eng start	eng flts	comp TT	Comp TC	hours				cycles
Compressor Hub	3018111	8R714	3	2	15000	110000						13076.6	102890.0	7110.0	2370	2370
2nd Stage Disk	3018312	7R885	1	2	----	22500							20130.0	2370.0	2370	2370
3rd Stage Disk	3017713	6R895	1	2	----	28000							25630.0	2370.0	2370	2370
Impeller	3027798	5C986	1	3	----	29000							26630.0	2370.0	2370	2370
Compressor Disk	3024211	9R651	1.6	4	----	16000							12208.0	3792.0	2370	2370
Power Turbine Disk	3022312	7R099	1.9	32	15000	57000						13076.6	52497.0	4503.0	2370	2370

Overhaul

Engine O/H		36035			3500									1576.6		
HMU O/H	3035598	A9693			3500									1576.6		
Alternator O/H	787223-1	F12373			3500		1754.6			0.0				3331.2		

Inspections

	<u>Next due</u>		<u>Last C/W</u>	
	hrs	Date	Hrs	Date
50	1956.1		1906.1	20-Jun-08
150	2056.1		1906.1	20-Jun-08
300	2054.6		1754.6	19-Dec-07
500	N/A by P/N			
600	2354.6		1754.6	19-Dec-07
1200	2954.6		1754.6	19-Dec-07
6 mos		20-Dec-08	1906.1	20-Jun-08
12 mos		19-Dec-08	1754.6	19-Dec-07
24 mos oil filter replace		19-Dec-09	1754.6	19-Dec-07

Rev 8

Life Limits

Engine TT : 1938.0 Engine Starts : 2380 Engine Flights : 2380

Item	Part No.	Serial No.	FCF	Cycle Factor	Life Limit		Item Installed				Remaining		Cycle Calculation	Start calc	Flt calc	
					Hours	Cycles	eng hours	eng start	eng flts	comp TT	Comp TC	hours				cycles
Compressor Hub	3018111	8R770	3	2	15000	110000						13062.0	102860.0	7140.0	2380	2380
2nd Stage Disk	3018312	7R844	1	2	----	22500							20120.0	2380.0	2380	2380
3rd Stage Disk	3017713	6R939	1	2	----	28000							25620.0	2380.0	2380	2380
Impeller	3027798	5C973	1	3	----	29000							26620.0	2380.0	2380	2380
Compressor Disk	3024211	9R624	1.6	4	----	16000							12192.0	3808.0	2380	2380
Power Turbine Disk	3022312	7R080	1.9	32	15000	57000						13062.0	52478.0	4522.0	2380	2380

Overhaul

Engine O/H		36042			3500								1562.0			
HMU O/H	3035598	A9641			3500								1562.0			
Alternator O/H	3033809	A5217			3500								1562.0			

Inspections

	<u>Next due</u>		<u>Last C/W</u>	
	hrs	Date	Hrs	Date
50	1970.7		1920.7	20-Jun-08
150	2070.7		1920.7	20-Jun-08
300	2054.6		1754.6	19-Dec-07
500	N/A by P/N			
600	2354.6		1754.6	19-Dec-07
1200	2954.6		1754.6	19-Dec-07
6 mos		19-Jun-08	1920.7	20-Jun-08
12 mos		19-Dec-08	1754.6	19-Dec-07
24 mos oil filter replace		19-Dec-09	1754.6	19-Dec-07