

A109 POWER

REGISTRATION MARK:	<input type="text"/>	S/N:	<input type="text"/>
AIRWORTHINESS CERTIFICATE:	<input type="text"/>	LANDINGS/FLIGHTS:	2083
A/C T.S.N.:	1197.2	SITUATION DATE:	August 4, 2010

ENGINE TYPE

PW206C

	Engine # 1	Engine # 2
SN :	<input type="text"/>	<input type="text"/>
Engine T.S.N.	1197.2	1197.2
Cycle impeller :	1019	1006
Cycle C.T.D. (N.1)	1262	1288
Cycle P.T.D. (N.2)	1519	1505
Recorded Starts:	1390	1390

INSPECTION PROGRAM - LUBRICATION and SERVICING -

Helicopter Registration: - S/N: - Up to A/C T.S.N: 1197.2 Up To: 04-Aug-10
 Engine # 1 S/N : - T.S.N. - 1197.2 Cycles: 1,019
 Engine # 2 S/N : - T.S.N. - 1197.2 Cycles: 1,006

Lubrication & Servicing Chart (Ref. Chapter 5 of the A109E Maintenance Planning Manual at revision 0 - 1st December 2005)

INSPECTION TYPE	ACCOMPLISH EACH		LAST INSPECTION		NEXT INSPECTION		REMANING		Remarks
	HOURS	MONTHS	HOURS	DATE	HOURS	DATE	HOURS	DAYS	
AIRFRAME									
WD-40 M/R Blades every 7 Days		0.25	1197.2	29-Jan-2010	-	5-Feb-2010	-	Expired !	
Floating Ring, Swashplate	50	3	1197.2	29-Jan-2010	1247.2	30-Apr-2010	50.0	Expired !	
T/R T/X oil replace	100	6	1197.2	29-Jan-2010	1297.2	30-Jul-2010	100.0	Expired !	
L/G torque links, Tyres, Accum., M/R servos	200	12	1197.2	29-Jan-2010	1397.2	29-Jan-2011	200.0	178	
M/R T/X Oil/Filter replace	300	12	1197.2	29-Jan-2010	1497.2	29-Jan-2011	300.0	178	
M/R & T/R Servo Act. levers	400	12	1197.2	29-Jan-2010	1597.2	29-Jan-2011	400.0	178	
M/R dampers, T/R P/C Brg.	400	24	1197.2	29-Jan-2010	1597.2	29-Jan-2012	400.0	543	
T/R D/S Bearings	300		1197.2	29-Jan-2010	1497.2	-	300.0	-	
L/G oil change.	1600		0.0		1600.0	-	402.8	-	
L/G nitrogen, Wheel brgs., Cargo hook		12	1197.2	29-Jan-2010	-	29-Jan-2011	-	178	
OPTIONAL EQUIPMENT SERVICING									
Lubricate the turbine blower (ECS)	600		1197.2	29-Jan-2010	1797.2	-	600.0	-	

STANDARD INSPECTION PROGRAM - INSPECTION PROGRAM -

Helicopter Registration: - S/N: -
 Engine # 1 S/N : - T.S.N. - 1197.2
 Engine # 2 S/N : - T.S.N. - 1197.2

Up to A/C T.S.N: 1197.2

Up To: 04-Aug-2010

Cycles: 1,019
 Cycles: 1,006

Inspection Program (Ref. Chapter 5 Maintenance Planning Manual A109E New Issue 1st December 2005 - Original Issue)

INSPECTION TYPE	ACCOMPLISH EACH		LAST INPECTION		NEXT INSPECTION		REMANING	
	HOURS	MONTHS	HOURS	DATE	HOURS	DATE	HOURS	DAYS
STANDARD INSPECTIONS - AIRFRAME								
Each 100 Hours	100		1197.2	29-Jan-2010	1297.2	-	100.0	-
Each 400 Hours	400		1197.2	29-Jan-2010	1597.2	-	400.0	-
Each 800 Hours	800		823.8	30-Nov-2007	1623.8	-	426.6	-
Each 3200 Hours	3200		0.0		3200.0	-	2002.8	-
Each 12 Months		12	1197.2	29-Jan-2010	-	29-Jan-2011	-	178
Ni-Cad Deep Cycle		12	1197.2	29-Jan-2010	-	29-Jan-2011	-	178
Weight & Balance		36	0.0	29-Oct-2008	-	29-Oct-2011	-	451
A/F Fuel Filter Replace	400	12	1197.2	29-Jan-2010	1597.2	29-Jan-2011	400.0	178
STANDARD INSPECTIONS - ENGINES X 2								
40-50 Hour LCF Consistency Check	50		1197.2	29-Jan-2010	1247.2	-	50.0	-
Power Assurance Check (MAX interval)	175		1197.2	29-Jan-2010	1372.2	-	175.0	-
Each 800 Hours	800		823.8	30-Nov-2007	1623.8	-	426.6	-
Each 12 Months		12	1197.2	29-Jan-2010	-	29-Jan-2011	-	178
SPECIAL INSPECTIONS								
Each 25 Hours	25				-	-	-	-
T/R Balance	100		1197.2	29-Jan-2010	1297.2	-	100.0	-
M/R Dampers	150		1197.2	29-Jan-2010	1347.2	-	150.0	-
T/R Elastomeric Bushings & Retention Bolt	200		1197.2	29-Jan-2010	1397.2	-	200.0	-
Starter/Gen Brushes	300				-	-	-	-
M/R Dampers/Slippage Bush	600		1197.2	29-Jan-2010	1797.2	-	600.0	-
Each 1200 Hours	1200		1197.2	29-Jan-2010	2397.2	-	1200.0	-
Each 1600 Hours	1600		0.0		1600.0	-	402.8	-
Each 2400 Hours	2400		0.0		2400.0	-	1202.8	-
M/R & T/R Chip Detectors	200	12	1197.2	29-Jan-2010	1397.2	29-Jan-2011	200.0	178
M/R Swashplate	400	24	1197.2	29-Jan-2010	1597.2	29-Jan-2012	400.0	543
Landing Gear Actuators	600	24			-	-	-	-
Landing Gear Actuators	900	36			-	-	-	-
Landing Gear Actuators	1800	72			-	-	-	-

STANDARD INSPECTION PROGRAM - INSPECTION PROGRAM -

Helicopter Registration: - S/N: -
 Engine # 1 S/N : - T.S.N. - 1197.2
 Engine # 2 S/N : - T.S.N. - 1197.2

Up to A/C T.S.N: **1197.2**

Up To: **04-Aug-2010**

Cycles: 1,019
 Cycles: 1,006

Inspection Program (Ref. Chapter 5 Maintenance Planning Manual A109E New Issue 1st December 2005 - Original Issue)

INSPECTION TYPE	ACCOMPLISH EACH		LAST INSPECTION		NEXT INSPECTION		REMANING	
	HOURS	MONTHS	HOURS	DATE	HOURS	DATE	HOURS	DAYS
RECURRING AIRWORTHINESS DIRECTIVES								
AD/ENG/5A9 Req 1.1(b)	100	12	1197.2	29-Jan-2010	1297.2	29-Jan-2011	100.0	178
AD/ENG/7	100	12	1197.2	29-Jan-2010	1297.2	29-Jan-2011	100.0	178
AD/RAD/43A6 & 47A1		24	1025.7	31-Oct-2008	-	31-Oct-2010	-	88
AD/INST/8 or 9		36	823.8	30-Nov-2007	-	29-Nov-2010	-	117
RECURRING SERVICE BULLETINS								
109EP-41 Functional Test of the Emergency Bus-Bar Relay	300	12	1197.2	29-Jan-2010	1497.2	29-Jan-2011	300.0	178
OPTIONAL EQUIPMENT								
Rotor Brake Inspection	100		1197.2	29-Jan-2010	1297.2	-	100.0	-
Rotor Brake Linings	400		1197.2		1597.2	-	400.0	-
Rotor Brake Operational Test		12	1197.2	29-Jan-2010	-	29-Jan-2011	-	178
ECS - Inspection	100		1197.2	29-Jan-2010	1297.2	-	100.0	-
ECS - Operational Test		12	1197.2	29-Jan-2010	-	29-Jan-2011	-	178
ECS - Insp Heat Exchanger	200		1197.2	29-Jan-2010	1397.2	-	200.0	-
ECS - Lubricate Turbine Blower	600		1197.2		1797.2	-	600.0	-
Bleed Air Pipe - Detailed Insection		24		29-Jan-2010	-	29-Jan-2012	-	543
E.L.T. 110-4 or C406-2-HM		12		29-Jan-2010	-	29-Jan-2011	-	178
Engine Fire Extinguishers		12		29-Jan-2010	-	29-Jan-2011	-	178
Fire Extinguishers Cartridge Test		36	0.0	29-Jan-2010	-	28-Jan-2013	-	908
F/E Bottles Hydrostatic Test		60	0.0	6-Mar-2009	-	6-Mar-2014	-	1310
Landing / search light	100	12	1197.2	29-Jan-2010	1297.2	29-Jan-2011	100.0	178

INSPECTION PROGRAM - COMPONENT OVERHAUL SCHEDULE -

Helicopter Type: **A109E** S/N: T.S.N. - 1197.2 Up To 4-Aug-2010
 Engine # 1 S/N: T.S.N. - 1197.2 Cycles: 1,019
 Engine # 2 S/N: T.S.N. - 1197.2 Cycles: 1,006

Overhaul Component: (Ref. Chapter 5 of the A109E Maintenance Planning Manual at revision 0 - 1st December 2005)

P/N	DESCRIPTION	S/N	OVERHAUL INTERVAL		INSTALLATION REFERENCE					COMPONENT TODAY				RESIDUAL LIFE COMPONENT		REMOVE AT		NOTE
			HOURS	YEARS	HELICOPTER		COMPONENT			HOURS		YEARS		HOURS	YEARS	HOURS	DATE	
					HOURS	DATE	T.S.N.	T.S.O.	YEARS	Y. T.S.O.	TOT	T.S.O.	TOT					
AIRFRAME																		
109-0400-03-109	Main Rotor Gearbox	K44	4800		0.0	01-May-04	0.0	0.0			1197.2	0.0			3602.8		4800.0	
109-0440-01-121	Tail Rotor Gear Box	K44	3000		0.0	01-May-04	0.0	0.0			1197.2	0.0			1802.8		3000.0	
109-0162-02-101	Tail Rotor Hub Assy	L91M	3000		0.0	01-May-04	0.0	0.0			1197.2	0.0			1802.8		3000.0	
109-0110-42-124	M/R Servo Actuator Assy	3153	1800		0.0	01-May-04	0.0	0.0			1197.2	0.0			602.8		1800.0	
109-0110-42-125	M/R Servo Actuator Assy	5143	1800		0.0	01-May-04	0.0	0.0			1197.2	0.0			602.8		1800.0	
109-0110-42-126	M/R Servo Actuator Assy	7138	1800		0.0	01-May-04	0.0	0.0			1197.2	0.0			602.8		1800.0	
109-0040-51-103	T/R Servo Actuator Assy	956	1800		0.0	01-May-04	0.0	0.0			1197.2	0.0			602.8		1800.0	
160SG139Q-2-1	Starter-Generator No: 1	2430XL2	1000		1149.9	22-May-09	1116.0	0.0			1163.3	47.3			952.7		2149.9	
160SG139Q-2-1	Starter-Generator No: 2	2368XL2	1000		1149.9	22-May-09	1107.4	0.0			1154.7	47.3			952.7		2149.9	
OPTIONAL EQUIPMENT																		
5010C000-002	Heat Exchanger E.C.S.	1015	3000		0.0	01-May-04	0.0	0.0			1197.2	0.0			1802.8		3000.0	
1538D000-002	Turbine E.C.S.	N.S.N.	5000		0.0	01-May-04	0.0	0.0			1197.2	0.0			3802.8		5000.0	
POWERPLANT																		
206C	Engine # 1	PCE-BC0451	0		0.0	01-May-04	0.0	0.0			1197.2	0.0			-		-	On Condition
3058551-01	Turbomachinery Module #1	TM-BC0451	3500		0.0	01-May-04	0.0	0.0			1197.2	0.0			2302.8		3500.0	
3059394-01	Reduction Gear Box Module #1	RGB-BC0451	3500		0.0	01-May-04	0.0	0.0			1197.2	0.0			2302.8		3500.0	
3045896-05	F.M.M. #1	13666509	4000		0.0	01-May-04	0.0	0.0			1197.2	0.0			2802.8		4000.0	
206C	Engine # 2	PCE-BC0450	0		0.0	01-May-04	0.0	0.0			1197.2	0.0			-		-	On Condition
3058551-01	Turbomachinery Module #2	TM-BC0450	3500		0.0	01-May-04	0.0	0.0			1197.2	0.0			2302.8		3500.0	
3059394-01	Reduction Gear Box Module #2	RGB-BC0450	3500		0.0	01-May-04	0.0	0.0			1197.2	0.0			2302.8		3500.0	
3045896-05	F.M.M. #2	13650159	4000		0.0	01-May-04	0.0	0.0			1197.2	0.0			2802.8		4000.0	
COMPONENT INSPECTIONS																		
109-0501-28-107	N.L.G. Eddy Current Insp.	MN710	1200		1197.2	29-Jan-10	0.0	0.0			0.0	0.0			1200.0		2397.2	
109-0111-06-103	Damper	2561	600		1197.2	29-Jan-10	0.0	0.0			0.0	0.0			600.0		1797.2	
109-0111-06-103	Damper	2562	600		1197.2	29-Jan-10	0.0	0.0			0.0	0.0			600.0		1797.2	
109-0111-06-103	Damper	2550	600		1197.2	29-Jan-10	0.0	0.0			0.0	0.0			600.0		1797.2	
109-0111-06-103	Damper	2551	600		1197.2	29-Jan-10	0.0	0.0			0.0	0.0			600.0		1797.2	

INSPECTION PROGRAM - AIRWORTHINESS LIMITATIONS -

Helicopter Type: **A109E**

S/N: -

T.S.N. - **1197.2**

Up To **4-Aug-2010**

Engine # 1 S/N : -

T.S.N. - 1197.2

Cycles: 1019

Engine # 2 S/N : -

T.S.N. - 1197.2

Cycles: 1006

Airworthiness Limitation: (ref: Chapter 04 Airworthiness Limitations of the A109E Maintenance Planning Manual @ Issue 5, Revision 0)

PN	DENOMINATION	S/N	LIFE LIMIT		INSTALLATION REFERENCE				LIFE TODAY		RESIDUAL LIFE		REMOVE AT	
					HELICOPTER		COMPONENT		COMPONENT		COMPONENT		AT	
			HOURS	YEARS	HOURS	DATE	HOURS	YEARS	HOURS	YEARS	HOURS	YEARS	HRS. HELI	DATE
MAIN ROTOR HUB AND BLADES														
709-0103-01-109	Main Rotor Blade	K105	25000		0.0	01-May-04	24670.0		25867.2		Expired !		330.0	
709-0103-01-109	Main Rotor Blade	K163	25000		0.0	01-May-04	8.3		1205.5		23794.5		24991.7	
709-0103-01-109	Main Rotor Blade	L169	25000		0.0	01-May-04	0.0		1197.2		23802.8		25000.0	
709-0103-01-109	Main Rotor Blade	L188	25000		0.0	01-May-04	0.0		1197.2		23802.8		25000.0	
109-0111-05-121	Grip Assy	J94354	10000		0.0	01-May-04	0.0		1197.2		8802.8		10000.0	
109-0111-05-121	Grip Assy	K144	10000		0.0	01-May-04	0.0		1197.2		8802.8		10000.0	
109-0111-05-121	Grip Assy	K145	10000		0.0	01-May-04	0.0		1197.2		8802.8		10000.0	
109-0111-05-121	Grip Assy	K156	10000		0.0	01-May-04	0.0		1197.2		8802.8		10000.0	
109-8101-47-109	Blade Pin	F137092	30000		0.0	01-May-04	0.0		1197.2		28802.8		30000.0	
109-8101-47-109	Blade Pin	F13093	30000		0.0	01-May-04	0.0		1197.2		28802.8		30000.0	
109-8101-47-109	Blade Pin	F137094	30000		0.0	01-May-04	0.0		1197.2		28802.8		30000.0	
109-8101-47-109	Blade Pin	F137102	30000		0.0	01-May-04	0.0		1197.2		28802.8		30000.0	
109-8101-47-109	Blade Pin	F137112	30000		0.0	01-May-04	0.0		1197.2		28802.8		30000.0	
109-8101-47-109	Blade Pin	F137119	30000		0.0	01-May-04	0.0		1197.2		28802.8		30000.0	
109-8101-47-109	Blade Pin	F137121	30000		0.0	01-May-04	0.0		1197.2		28802.8		30000.0	
109-8101-47-109	Blade Pin	F137127	30000		0.0	01-May-04	0.0		1197.2		28802.8		30000.0	
109-0111-08-105	Pitch Control Lever	K71	30000		0.0	01-May-04	0.0		1197.2		28802.8		30000.0	
109-0111-08-105	Pitch Control Lever	K74	30000		0.0	01-May-04	0.0		1197.2		28802.8		30000.0	
109-0111-08-105	Pitch Control Lever	K75	30000		0.0	01-May-04	0.0		1197.2		28802.8		30000.0	
109-0111-08-105	Pitch Control Lever	K76	30000		0.0	01-May-04	0.0		1197.2		28802.8		30000.0	
109-0111-06-103	Damper	1665	2400		0.0	01-May-04	0.0		1197.2		1202.8		2400.0	
109-0111-06-103	Damper	1666	2400		0.0	01-May-04	0.0		1197.2		1202.8		2400.0	
109-0111-06-103	Damper	1675	2400		0.0	01-May-04	0.0		1197.2		1202.8		2400.0	
109-0111-06-103	Damper	1676	2400		0.0	01-May-04	0.0		1197.2		1202.8		2400.0	
109-0111-03-113	Yoke	K17	25000		0.0	01-May-04	0.0		1197.2		23802.8		25000.0	
109-0111-04-101	Elastromeric Brg	LK0737	See note		0.0	01-May-04	0.0		1197.2		-		Insp every 100 Hrs.	
109-0111-04-101	Elastromeric Brg	LK0739	See note		0.0	01-May-04	0.0		1197.2		-		Insp every 100 Hrs.	
109-0111-04-101	Elastromeric Brg	LK0740	See note		0.0	01-May-04	0.0		1197.2		-		Insp every 100 Hrs.	
109-0111-04-101	Elastromeric Brg	LK0741	See note		0.0	01-May-04	0.0		1197.2		-		Insp every 100 Hrs.	

INSPECTION PROGRAM - AIRWORTHINESS LIMITATIONS -

Helicopter Type: **A109E**

S/N: -

T.S.N. - **1197.2**

Up To **4-Aug-2010**

Engine # 1 S/N : -

T.S.N. - 1197.2

Cycles: 1019

Engine # 2 S/N : -

T.S.N. - 1197.2

Cycles: 1006

Airworthiness Limitation: (ref: Chapter 04 Airworthiness Limitations of the A109E Maintenance Planning Manual @ Issue 5, Revision 0)

PN	DENOMINATION	S/N	LIFE LIMIT		INSTALLATION REFERENCE				LIFE TODAY		RESIDUAL LIFE		REMOVE AT	
					HELICOPTER		COMPONENT		COMPONENT		COMPONENT		AT	
			HOURS	YEARS	HOURS	DATE	HOURS	YEARS	HOURS	YEARS	HOURS	YEARS	HRS. HELI	DATE
MAIN TRANSMISSION														
109-0405-76-107	Shaft Assy	J116138	10000		0.0	01-May-04	0.0		1197.2		8802.8		10000.0	
109-0403-05-111	Pinion Gear	J115042	6100		0.0	01-May-04	0.0		1197.2		4902.8		6100.0	
109-0403-04-3	Driver Gear	J82304	8300		0.0	01-May-04	0.0		1197.2		7102.8		8300.0	
109-0402-24-9	Upper Case	??	33000		0.0	01-May-04	0.0		1197.2		31802.8		33000.0	
TAIL-ROTOR HUB & BLADE ASSEMBLY														
109-8132-01-111	Tail Rotor Blade	-	1000						-		-		-	NOT FITTED
109-8132-01-111	Tail Rotor Blade	-	1000						-		-		-	NOT FITTED
109-8131-07-1	Retention Strap Assy	K257	1800		0.0	01-May-04	0.0		1197.2		602.8		1800.0	
109-8131-07-1	Retention Strap Assy	K258	1800		0.0	01-May-04	0.0		1197.2		602.8		1800.0	
109-8131-08-1	Strap Pin	K104	5000		0.0	01-May-04	0.0		1197.2		3802.8		5000.0	
109-8131-08-1	Strap Pin	K105	5000		0.0	01-May-04	0.0		1197.2		3802.8		5000.0	
109-8131-06-1	Strap Plug	K1	5000		0.0	01-May-04	0.0		1197.2		3802.8		5000.0	
109-8131-06-1	Strap Plug	K2	5000		0.0	01-May-04	0.0		1197.2		3802.8		5000.0	
109-0131-06-101	T/R Hub	K22	3000		0.0	01-May-04	0.0		1197.2		1802.8		3000.0	
109-8131-09-1	Bolt Retention Stap	-	5000		0.0	01-May-04	0.0		1197.2		3802.8		5000.0	
109-8131-09-1	Bolt Retention Stap	-	5000		0.0	01-May-04	0.0		1197.2		3802.8		5000.0	
109-8131-29-101	Grip Assy	-	3000		0.0	01-May-04	0.0		1197.2		1802.8		3000.0	
109-8131-29-101	Grip Assy	-	3000		0.0	01-May-04	0.0		1197.2		1802.8		3000.0	
709-0160-47-101	BOLT	L456	5000		208.6	25-May-05	0.0		988.6		4011.4		5208.6	
709-0160-47-101	BOLT	L457	5000		208.6	25-May-05	0.0		988.6		4011.4		5208.6	
709-0160-48-101	Tail Rotor Blade	M409	15000		208.6	25-May-05	0.0		988.6		14011.4		15208.6	
709-0160-48-101	Tail Rotor Blade	L363	15000		208.6	25-May-05	0.0		988.6		14011.4		15208.6	
709-0160V01-101	Elastromeric Brg	-	See note		208.6	25-May-05	0.0		988.6		-		Insp every 200 Hours	
709-0160V01-101	Elastromeric Brg	-	See note		208.6	25-May-05	0.0		988.6		-		Insp every 200 Hours	
709-0160V01-101	Elastromeric Brg	-	See note		208.6	25-May-05	0.0		988.6		-		Insp every 200 Hours	
709-0160V01-101	Elastromeric Brg	-	See note		208.6	25-May-05	0.0		988.6		-		Insp every 200 Hours	
TAIL ROTOR GEARBOX														
109-0433-01-107	Pinion Gear	J114253	5600		0.0	01-May-04	0.0		1197.2		4402.8		5600.0	
109-0443-01-103	Crown Gear	J116097	10000		0.0	01-May-04	0.0		1197.2		8802.8		10000.0	

INSPECTION PROGRAM - AIRWORTHINESS LIMITATIONS -

Helicopter Type: **A109E**

S/N: -

T.S.N. - **1197.2**

Up To **4-Aug-2010**

Engine # 1 S/N : -

T.S.N. - 1197.2

Cycles: 1019

Engine # 2 S/N : -

T.S.N. - 1197.2

Cycles: 1006

Airworthiness Limitation: (ref: Chapter 04 Airworthiness Limitations of the A109E Maintenance Planning Manual @ Issue 5, Revision 0)

PN	DENOMINATION	S/N	LIFE LIMIT		INSTALLATION REFERENCE				LIFE TODAY		RESIDUAL LIFE		REMOVE AT	
					HELICOPTER		COMPONENT		COMPONENT		COMPONENT		AT	
			HOURS	YEARS	HOURS	DATE	HOURS	YEARS	HOURS	YEARS	HOURS	YEARS	HRS. HELI	DATE
109-0435-31-1	Sleeve	11609	50000		0.0	01-May-04	0.0		1197.2		48802.8		50000.0	
MAIN ROTOR CONTROLS														
109-0110-90-107	Bolt	J125421	5000		0.0	01-May-04	0.0		1197.2		3802.8		5000.0	
109-0110-90-107	Bolt	J125422	5000		0.0	01-May-04	0.0		1197.2		3802.8		5000.0	
109-0110-42-124	Servo Actuator	3153	20000		0.0	01-May-04	0.0		1197.2		18802.8		20000.0	
109-0110-42-125	Servo Actuator	5143	20000		0.0	01-May-04	0.0		1197.2		18802.8		20000.0	
109-0110-42-126	Servo Actuator	7138	20000		0.0	01-May-04	0.0		1197.2		18802.8		20000.0	
109-0119-05-5	Swashplate Support	???	34000		0.0	01-May-04	0.0		1197.2		32802.8		34000.0	
TAIL ROTOR CONTROLS														
109-0040-51-103	Servo Actuator	956	20000		0.0	01-May-04	0.0		1197.2		18802.8		20000.0	
109-0040-47-1	Link	11609	20000		0.0	01-May-04	0.0		1197.2		18802.8		20000.0	
109-0040-48-117	Bellcrank	11609	20000		0.0	01-May-04	0.0		1197.2		18802.8		20000.0	
109-0040-49-5	Support	11609	20000		0.0	01-May-04	0.0		1197.2		18802.8		20000.0	
TRANSMISSION - OIL COOLER FAN														
109-0455-09-103	Belt Toothed (LH)	M298145	600	2.0	396.8	16-Mar-06	0.0	0.0	800.4	4.4	Expired !	expired !	996.8	15-Mar-08
109-0455-09-103	Belt Toothed (RH)	M298146	600	2.0	396.8	16-Mar-06	0.0	0.0	800.4	4.4	Expired !	expired !	996.8	15-Mar-08
LANDING GEAR														
109-0502-90-101	Shockstrut-MLG (LH)	MN214	10000		259.3	20-Jul-05	253.3		1191.2		8808.8		10006.0	
109-0502-90-102	Shockstrut-MLG (RH)	MN248	10000		0.0	01-May-04	0.0		1197.2		8802.8		10000.0	
109-0900-39-105	Servo Actuator-MLG	3042	10000		0.0	01-May-04	0.0		1197.2		8802.8		10000.0	
109-0900-39-105	Servo Actuator-MLG	3043	10000		0.0	01-May-04	0.0		1197.2		8802.8		10000.0	
FUSELAGE														
109-0200-02-301	Elevator (L/H)	A7-0338	4400		0.0	01-May-04	0.0		1197.2		3202.8		4400.0	
109-0200-02-	Elevator (R/H)	A7-0411	49000		0.0	01-May-04	0.0		1197.2		47802.8		49000.0	
109-0210-03-13	Fitting (Fuselage)	575	5000		0.0	01-May-04	0.0		1197.2		3802.8		5000.0	
109-0210-03-13	Fitting (Fuselage)	568	5000		0.0	01-May-04	0.0		1197.2		3802.8		5000.0	
109-0322-69-103	Pin L/H (MLG Act. Attach)		3000						-		-		-	NOT FITTED
109-0322-69-103	Pin R/H (MLG Act. Attach)		3000						-		-		-	NOT FITTED
MAIN TRANSMISSION SUPPORTS														
109-0325-03-113	Rod AFT	MO.009	31000		0.0	01-May-04	0.0		1197.2		29802.8		31000.0	

INSPECTION PROGRAM - AIRWORTHINESS LIMITATIONS -

Helicopter Type: **A109E**

S/N: -

T.S.N. - **1197.2**

Up To **4-Aug-2010**

Engine # 1 S/N : -

T.S.N. - 1197.2

Cycles: 1019

Engine # 2 S/N : -

T.S.N. - 1197.2

Cycles: 1006

Airworthiness Limitation: (ref: Chapter 04 Airworthiness Limitations of the A109E Maintenance Planning Manual @ Issue 5, Revision 0)

PN	DENOMINATION	S/N	LIFE LIMIT		INSTALLATION REFERENCE				LIFE TODAY		RESIDUAL LIFE		REMOVE AT	
					HELICOPTER		COMPONENT		COMPONENT		COMPONENT		AT	
			HOURS	YEARS	HOURS	DATE	HOURS	YEARS	HOURS	YEARS	HOURS	YEARS	HRS. HELI	DATE
109-0325-03-113	Rod AFT	MO.010	35000		0.0	01-May-04	0.0		1197.2		33802.8		35000.0	
109-0325-08-1	Fitting Lwr X 4		23000						-		-		-	NOT FITTED
MISCELLANEOUS REPLACEMENT SCHEDULE														
455-5012-503	ARTEX E.L.T. battery			5.0	M/Date	01-May-09		0.0		1.3		3.7		30-Apr-14
30600-22	Engines Fire Ext. Cartridges	N.S.N.		10.0		01-May-04		0.0		6.3		3.7		29-Apr-14
30600-22	Engines Fire Ext. Cartridges	N.S.N.		10.0		01-May-04		0.0		6.3		3.7		29-Apr-14
30600-22	Engines Fire Ext. Cartridges	N.S.N.		10.0		01-May-04		0.0		6.3		3.7		29-Apr-14
30600-22	Engines Fire Ext. Cartridges	N.S.N.		10.0		01-May-04		0.0		6.3		3.7		29-Apr-14
A072A02	Cabin Fire Extinguisher	06-2003/03491		10.0	M/Date	01-Jun-03		0.0		7.2		2.8		29-May-13
109-0823-29-105	Vibration Absorber Damper L/H	N.S.N.	1200		1197.2	29-Jan-10	0.0		0.0		1200.0		2397.2	Only for -105 & -106 dampers!
109-0823-29-106	Vibration Absorber Damper R/H	N.S.N.	1200		1197.2	29-Jan-10	0.0		0.0		1200.0		2397.2	

INSPECTION PROGRAM - ENGINES MAINTENANCE PROGRAM - PW206C

Helicopter Type: **A109E**

S/N: -

T.S.N. - **1197.2**

Up To: **4-Aug-2010**

Engine - Inspection / Check (Ref. Chapter 05-20 Pratt & Whitney Maintenance Manual for PW206C/207C Engines P/N. 3043322 @ Revision 17, September 16/2005)

Engine # 1	S/N : -	T.S.N. - 1197.2	Cycles: 1,019
-------------------	---------	------------------------	----------------------

INSPECTION TYPE	ACCOMPLISHED EACH		LAST INSPECTION			NEXT INSPECTION			REMANING			REMARKS
	HOURS	MONTHS	HELICOPT. HOURS	DATE	ENGINE HOURS	HELI. HOURS	DATE	ENGINE HOURS	HELI. HOURS	DAYS	ENGINE HOURS	
Each 25 Hrs.	25					-		-	-		-	NOT APPLICABLE
Each 100 Hrs.	100					-		-	-		-	NOT APPLICABLE
Each 300 Hrs.	300					-		-	-		-	NOT APPLICABLE
Each 800 Hrs.	800		823.8	30-Nov-07	823.8	1623.8		1623.8	426.6		426.6	
Annual		12	1197.2	29-Jan-2010			29-Jan-2011			178		

Engine # 2	S/N : -	T.S.N. - 1197.2	Cycles: 1,006
-------------------	---------	------------------------	----------------------

INSPECTION TYPE	ACCOMPLISHED EACH		LAST INSPECTION			NEXT INSPECTION			REMANING			REMARKS
	HOURS	MONTHS	HELICOPT. HOURS	DATE	ENGINE HOURS	HELI. HOURS	DATE	ENGINE HOURS	HELI. HOURS	DAYS	ENGINE HOURS	
Each 25 Hrs.	25					-		-	-		-	NOT APPLICABLE
Each 100 Hrs.	100					-		-	-		-	NOT APPLICABLE
Each 300 Hrs.	300					-		-	-		-	NOT APPLICABLE
Each 800 Hrs.	800		823.8	30-Nov-07	823.8	1623.8		1623.8	426.6		426.6	
Annual		12	1197.2	29-Jan-2010			29-Jan-2011			178		

ENGINE INSPECTION PROGRAM - AIRWORTHINESS LIMITS PW206C

Helicopter Type: **A109E** S/N: -

T.S.N. - **1197.2**

Up To: **4-Aug-2010**

Engine/Life limited Parts (Ref. Chapter Airworthiness Pratt & Whitney Maintenance Manual for PW206/207C Engines P/N.3043322 issued 15 Dec 1995 @ Rev. 17, Sep 16/2005)

Engine # 1 (L/H)		S/N :	T.S.N.	Cycles Imp:	Cycles C.T.D.	Cycles P.T.D.
		-	1197.2	1,019	1,262	1,519

P/N	DENOMINATION	S/N	TYPE	DUE TO			INSTALLATION REFERENCE						COMPONENT TODAY				RESIDUAL LIFE COMPONENT		REMOVE AT					
				HOURS	CYCLES		HELLI HOURS	ENGINE		COMP. HOURS		COMP. CYCLES		HOURS	CYCLES		HOURS	ENGINE HOURS	ENGINE CYCLES					
Components Life Limits																								
3058672-01 (Post SB 28248)	Impeller	A001EDY7	Life Limit		15,000		0.0	0.0	0	0.0								1,019		-	13,981	-	-	15,000
3048999-01 (Post SB 28193)	Compressor Turbine Disk	A001E8NY	Life Limit		10,000		0.0	0.0	0	0.0								1,262		-	8,738	-	-	10,000
3044188-01 (Post SB 28187)	Power Turbine Disk	A001ENHW	Life Limit		15,000		0.0	0.0	0	0.0								1,519		-	13,481	-	-	15,000

P/N NO 1	DESCRIPTION	S/N	TYPE	LIFE CYCLE LIMIT	INSTALLATION REFERENCE						Component Today			RESIDUAL CYCLES	Cycles per Hour	Estimated Removal at A/C Hrs	Cycle Increase per Flight/Landings (Should be more than 0.31)
					HELICOPTER			ENGINE		COMP CYCLES	Cycles consumed this install	Landings Flights this install	Engine Starts this install				
					T.T.I.S.	Landings/Flights	Engine Starts	TSN	TSO	Cycles at install							
Components Life Limits																	
3058672-01 (Post SB 28248)	Impeller	A001EDY7	Life Limit	15,000	0.0	0	0	0.0	0	0	1,019	2,083	1,390	13,981	0.85	17623.2	0.61
3048999-01 (Post SB 28193)	Compressor Turbine Disk	A001E8NY	Life Limit	10,000	0.0			0.0	0	0	1,262		1,262	8,738	1.05	9486.5	0.61
3044188-01 (Post SB 28187)	Power Turbine Disk	A001ENHW	Life Limit	15,000	0.0			0.0	0	0	1,519		1,519	13,481	1.27	11822.3	0.73

P/N No 2	DENOMINATION	S/N	TYPE	LIFE CYCLE LIMIT	INSTALLATION REFERENCE						Component Today			RESIDUAL CYCLES	Cycles per Hour	Estimated Removal at A/C Hrs
					HELLI			ENGINE		COMP CYCLES	Cycles this install	TOTAL CYCLES				
					HOURS			HOURS	CYCLES	Cycles at install						
Components Life Limits																
3058672-01 (Post SB 28248)	Impeller	A001EDY8	Life Limit	15,000	0.0			0.0	0	0	1,006		1,006	13,994	0.84	17850.9
3048999-01 (Post SB 28193)	Compressor Turbine Disk	A001EM44	Life Limit	10,000	0.0			0.0	0	0	1,288		1,288	8,712	1.08	9295.0
3044188-01 (Post SB 28187)	Power Turbine Disk	A001EM18	Life Limit	15,000	0.0			0.0	0	0	1,505		1,505	13,495	1.26	11932.2

Engine # 2 (R/H)		S/N :	T.S.N.	Cycles Imp:	Cycles C.T.D.	Cycles P.T.D.
		-	1197.2	1,006	1,288	1,505

P/N	DENOMINATION	S/N	TYPE	DUE TO			INSTALLATION REFERENCE						COMPONENT TODAY				RESIDUAL LIFE COMPONENT		REMOVE AT					
				HOURS	CYCLES		HELLI HOURS	ENGINE		COMP. HOURS		COMP. CYCLES		HOURS	CYCLES		HOURS	ENGINE HOURS	ENGINE CYCLES					
Components Life Limits																								
3058672-01 (Post SB 28248)	Impeller	A001EDY8	Life Limit		15,000		4.2	0.0	0	0.0								1,006		-	13,994	-	-	15,000
3048999-01 (Post SB 28193)	Compressor Turbine Disk	A001EM44	Life Limit		10,000		4.2	0.0	0	0.0								1,288		-	8,712	-	-	10,000
3044188-01 (Post SB 28187)	Power Turbine Disk	A001EM18	Life Limit		15,000		4.2	0.0	0	0.0								1,505		-	13,495	-	-	15,000

INSPECTION PROGRAM - STATUS S.B. / P.A. / A.D. REPETITIVE

Helicopter Type	A109E	S/N	-		T.S.N.	1197.2	Up To	04-Aug-2010
Engine # 1 S/N :	-	T.S.N.	1197.2	Cycles	1,019			
Engine # 2 S/N :	-	T.S.N.	1197.2	Cycles	1,006			

B.T. / B.T.T. / P.A.	ACCOMPLISH EACH		LAST INSPECTION		NEXT INSPECTION		REMANING		REMARKS
	HOURS	MONTHS	HOURS	DATE	HOURS	DATE	HOURS	DAYS	
S.B. 109EP-1 Rev.B (P.A.2000-573) Inspection of the Tip Cap of M/R Blades 709-0103-01-(all dash numbers) AD/A109/33 refers	25:								Blade S/N's up to 1428, preceded by code A5 or EM only.
S.B. 109EP-2 Rev. A (P.A. 2002-187) Damper Assy P/N 109-0111-06-103 Insp. AD/A109/36 refers	Daily								Damper S/N's up to 816 only, excluding those with an 'L'suffix, To ascertain possible looseness of metallic clamps. Superseded by BT 109EP-5 Modification.
S.B. 109EP-3 Part III^ (P.A. 98-465) Inspection and Mod of Engine Exhaust Ejectors	25:								Superseded by BT 109EP-11 Modification.
S.B. 109EP-4 Rev. A Part III^ (P.A. 2000-344) Fuel Probes (manufactured by Eldec)	50:								Actuators up to S/N 2331
S.B. 109EP-8 Part II^ Main Rotor Servo Actuators	600:								
S.B. 109EP-14 Rev. A Part I^ (P.A. 2001-094) T/R Blades P/N 109-8132-01-107/-109 only	Daily								
S.B. 109EP-14 Rev. A Part II^ (P.A. 2001-094)	10:								
S.B. 109EP-14 Rev. A Part III^ (P.A. 2001-094)	25:								
S.B. 109EP-20 Part I^ (P.A. 2001-286) Replacement of Hydraulic Pump AD/A109/39 refers	Daily								Replace P/N 109-0760-42-101 with - 103.
S.B. 109EP-26 Rev. B Part I^ Modification of Elevators (Balance Weight attach)	25:								NOT APPLICABLE
S.B. 109EP-30 Rev. B Part II^ (P.A. 2002-597) Inspection of T/R Blades P/N 109-8132-01-111 AD/A109/38 refers	Daily								
S.B. 109EP-30 Rev. B Part III^ (P.A. 2002-597)	25:								
S.B. 109EP-30 Rev. B Part VI^ (P.A. 2002-597)	150:								
S.B. 109EP-31 Part I^ (P.A. 2002-446) Rescue Hoist Assy AD/A109/48A1 refers	Daily								NOT APPLICABLE
S.B. 109EP-41 Functional Test of Emergency Bus Bar	300	12	1197.2	29-Jan-2010	1497.2	29-Jan-11	300.0	178.0	
S.B. 109EP-42 Rev A Part I Inspection & Attachment of the Engine Oil System Hoses	50:				-	-	-	-	Initial Inspection Due
S.B. 109EP-43	10:								Until Part II C/W

S.B. 109EP-20 (AD/A109/39)

INSPECTION PROGRAM - STATUS S.B. / T.T.B. / P.A./ A.D.

Helicopter Type	A109E	S/N	-	T.S.N.	1197.2	Up To	04-Aug-2010
Engine # 1 S/N :	-	T.S.N.	1197.2	Cycles	1,019		
Engine # 2 S/N :	-	T.S.N.	1197.2	Cycles	1,006		

SERVICE BULLETIN	SUBJECT	ISSUE DATE	APPLICABILITY	COMPILANCE	Repetitive	STATUS		NOTE
S.B. 109EP-1 Rev.B (P.A. 2000-573)	M/R Blade Tip	9-Sep-1998	ALL HELICOPTERS	10 HRS.	YES	INACTIVE	C.W	Mandatory
S.B. 109EP-2 Rev. A (P.A. 2002-187)	M/R Dampers	5-Mar-2002	ALL HELICOPTERS	Daily	YES	INACTIVE	C.W	Mandatory
S.B. 109EP-3 (P.A. 98-465)	Engines Exhaust Ejectors	22-Dec-1998	UP TO S/N 11036	10 HRS.	YES	INACTIVE	C.W	Mandatory
S.B. 109EP-4 Rev. A (P.A.2000-344)	Fuel Probes	8-Feb-1999	FROM S/N 11025	Daily	YES	ACTIVE	C.W	Mandatory
S.B. 109EP-5 (P.A. 2000-088)	Engines Exhaust Ejectors	22-Dec-1999	UP TO S/N 11057	1 Year	NO	ACTIVE	C.W	Mandatory
S.B. 109EP-6	Anticollision Light	14-Feb-2000	UP TO S/N 11057		NO	ACTIVE	C.W	Optional
S.B. 109EP-7 (P.A. 2000-128)	Fitting Lower	3-Mar-2000	UP TO S/N 11069	5 HRS.	NO	ACTIVE	C.W	Mandatory
S.B. 109EP-8	M/R Servoactuator	8-Jun-2000	ALL HELICOPTERS	31-Dec-2000	YES	ACTIVE	C.W	Mandatory
S.B. 109EP-9	E.F.I.S.	27-Jun-2000	UP TO S/N 11061	30-Sep-2000	NO	ACTIVE	C.W	Mandatory
S.B. 109EP-10 Rev. A	Pressure Tras.	3-Jul-2000	ALL HELICOPTERS		NO	ACTIVE	C.W	Optional
S.B. 109EP-11 (P.A. 2000-352)	Fuel Probes	5-Jul-2000	FROM S/N 11025	50 HRS.	NO	ACTIVE	C.W	Mandatory
S.B. 109EP-12 (P.A. 2000-371)	Rotating Scissor	24-Jul-2000	UP TO S/N 11082	50 HRS.	NO	ACTIVE	C.W	Mandatory
S.B. 109EP-13 (P.A. 2000-393)	Tail Rotor Blades	3-Aug-2000	ALL HELICOPTERS	10 HRS.	NO	ACTIVE	C.W	Mandatory
S.B. 109EP-14 Rev. A (P.A. 2001-094)	Tail Rotor Blades	11-Oct-2000	ALL HELICOPTERS	Daily	YES	ACTIVE	C.W	Mandatory
S.B. 109EP-15	Navigation Light	3-Nov-2000	UP TO S/N 11070		NO	ACTIVE	C.W	Optional
S.B. 109EP-16 (P.A 2001-019)	Sliding Doors	21-Dec-2000	UP TO S/N 11099	31-Mar-2001	NO	ACTIVE	C.W	Mandatory
S.B. 109EP-17	XMSN Oil Level	7-Feb-2001	ALL HELICOPTERS	31-Jan-2002	NO	ACTIVE	C.W	Mandatory
S.B. 109EP-18	Emergency Floats	20-Feb-2001	ALL HELICOPTERS	9 Months	NO	ACTIVE	C.W	Mandatory
S.B. 109EP-19	XMSN Oil Rescriptor	7-Jun-2001	ALL HELICOPTERS	31-May-2002	NO	ACTIVE	C.W	Mandatory
S.B. 109EP-20 (P.A. 2001-286)	Hydraulic Pump	12-Jul-2001	ALL HELICOPTERS	31-Dec-2002	NO	ACTIVE	C.W	Mandatory
S.B. 109EP-21	Searchlight	22-Oct-2001	ALL HELICOPTERS	30-Apr-2002	NO	ACTIVE	C.W	Mandatory
S.B. 109EP-22 (P.A. 2001-481)	Electrical Power	12-Nov-2001	FROM S/N 11084	28-Feb-2002	NO	ACTIVE	C.W	Mandatory
S.B. 109EP-23 (P.A. 2001-496)	Tail Rotor Blades	16-Nov-2001	ALL HELICOPTERS	28-Feb-2002	NO	ACTIVE	C.W	Mandatory

