

North Memorial Medical Center

AGUSTA GRAND A109S STATUS REPORT - INSPECTIONS (EXTENDED PROGRAM) - Form 104

A/C REG. NO. N91NM	A/C S/N	22014	ENG TIMES	TSN	TSO	ENG CYCLES	CT	PT	IMP	DATE	09/17/16
#1 ENGINE PWC 207C	ENG S/N	PCE-BH0037		1670.8	N/P		3249	3387	1593	HOBBS	1670.8
#2 ENGINE PWC 207C	ENG S/N	PCE-BH0034		1670.8	N/P		2906	3365	1575	Landings	3971
									ACCT	1670.8	

DESCRIPTION	INTERVAL			ACTT C/W	DATE C/W	ACTT DUE	DATE DUE	Hrs/Mo. UNTIL DUE	PENDING ACTION / DUE
	Time	Hr/Cyc	Months						

AIRWORTHINESS DIRECTIVES (RECURRING AND PENDING)

AD 2011-27-08 (Elevator Skin Insp per BT109S-44)	50	HR	-----	1668.3	9/16/16	1718.3	-----	47.5	
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CHAPTER 5 - SCHEDULED INSPECTIONS

Inspection, 50 Hr / 30 Day	50	HR	30 D	1640.5	9/8/16	1690.5	10/08/16	19.7	*****
Inspection, 200 Hr	200	HR	-----	1571.7	8/16/16	1771.7	-----	100.9	
Inspection, 400 Hr	400	HR	-----	1571.7	8/16/16	1971.7	-----	300.9	
Inspection, 800 Hr	800	HR	-----	1571.7	8/16/16	2371.7	-----	700.9	
Inspection, 3200 Hr	3200	HR	-----	0.0	8/30/06	3200.0	-----	1529.2	
Inspection, Airframe 12 Month	-----	Mo.	12	1337.4	6/8/16	-----	6/7/17	9	

CHAPTER 5 - SPECIAL INSPECTIONS

Inspection, Main Rotor Damper	25	HR	-----	1668.3	9/16/16	1693.3	-----	22.5	
Inspection, Tail Rotor Balance	100	HR	-----	1659.1	9/13/16	1759.1	-----	88.3	
Inspection, Main Rotor Damper	150	HR	-----	1571.7	8/16/16	1721.7	-----	50.9	
Inspection, Chip Detectors Operation Checks	200	HR	12	1571.7	8/16/16	1771.7	8/15/17	100.9	
Inspection, MGB Fittings (4ea.)	200	HR	12	1571.7	8/16/16	1771.7	8/15/17	100.9	
Inspection, Starter Generator Brushes/Commutators	300	HR	-----	1638.6	9/7/16	1938.6	-----	267.8	
Inspection, Main Landing Gear	400	HR	12	1297.7	5/27/16	1697.7	5/26/17	26.9	*****
Inspection, Main Landing Gear Shock Absorber	400	HR	12	1297.7	5/27/16	1697.7	5/26/17	26.9	*****
Inspection, Main Rotor Controls (Swashplate Duplex)	400	HR	24	1571.7	8/16/16	1971.7	8/15/18	300.9	
Inspection, Cabin Doors latching mechanism	1200	HR	-----	1178.9	4/12/16	2378.9	-----	708.1	
Inspection, Battery Check	-----	Mo.	6	See Component Status Sheet					
Inspection, Main Transmission (FreeWheeling Units)	1200	HR	-----	See Component Status Sheet					
Inspection, Main Rotor Dampers	1200	HR	-----	See Component Status Sheet					
Inspection, Hydraulic Pumps	1600	HR	-----	See Component Status Sheet					
Inspection, T/R Gearbox	1600	HR	-----	See Component Status Sheet					
Inspection, Landing Gear Actuators	1800	HR	6 Yr.	See Component Status Sheet					
Inspection, Main Rotor Head & Install. Components	2400	HR	-----	See Component Status Sheet					
Inspection, Main Rotor Flap & Droop Mechanism	2400	HR	-----	See Component Status Sheet					
Inspection, Main Rotor Hub Floating Ring	2400	HR	-----	See Component Status Sheet					
Inspection, Main Rotor Blades	2400	HR	-----	See Component Status Sheet					
Inspection, Main Rotor Head Control Levers	2400	HR	-----	See Component Status Sheet					
Inspection, Main Rotor Blade Grips	2400	HR	-----	See Component Status Sheet					
Inspection, Main Rotor Controls (Swashplate)	2400	HR	-----	See Component Status Sheet					

CHAPTER 4 - MANDATORY INSPECTIONS

Inspection, M/R Elastomeric Bearings	50	HR	-----	1640.5	9/8/16	1690.5	-----	19.7	*****
Inspection, T/R Elastomeric Bearings	200	HR	-----	1571.7	8/16/16	1771.7	-----	100.9	

CHAPTER 4 - CERTIFICATION MAINTENANCE REQUIREMENTS

Inspection, Hot Air Delivery Pipe	-----	Mo.	24	1378.7	6/21/16	-----	6/20/18	-----	
Inspection, 1 & 2 ECS Shutoff Switches Ops Check	8800	HR	-----	0.0	8/30/06	8800.0	-----	7129.2	
Inspection, 1 & 2 ECS & Press Shutoff Valves Ops Check	8800	HR	-----	0.0	8/30/06	8800.0	-----	7129.2	
Ops Check, ESS1 Circuit Breaker for open failure	2000	HR	-----	0.0	8/30/06	2000.0	-----	329.2	
Ops Check, ESS2 Circuit Breaker for open failure	2000	HR	-----	0.0	8/30/06	2000.0	-----	329.2	
Ops Check, Bus Tie Circuit Breaker for open failure	2000	HR	-----	0.0	8/30/06	2000.0	-----	329.2	
Ops Check, Contacts A1/A2 of Battery Bus for open failure	2000	HR	-----	0.0	8/30/06	2000.0	-----	329.2	
Ops Check, DC Essential Bus 1 Diode for open failure	2000	HR	-----	0.0	8/30/06	2000.0	-----	329.2	
Ops Check, DC Essential Bus 2 Diode for open failure	2000	HR	-----	0.0	8/30/06	2000.0	-----	329.2	
Ops Check, Relay K7212 contacts not set to emergency	200	HR	12	1525.5	8/3/16	1725.5	8/2/17	54.7	
Ops Check, Fire Detect. alarm switch & Integrity	1400	HR	-----	547.5	6/12/15	1947.5	-----	276.7	
Ops Check, Rotor Brake microswitch & messages.	7000	HR	-----	0.0	8/30/06	7000.0	-----	5329.2	
Ops Check, Landing Gear Emergency extension	400	HR	-----	1297.7	5/27/16	1697.7	-----	26.9	

CHAPTER 5 - OPTIONAL EQUIPMENT

Inspection, Landing/Search Light	50	HR	30	1640.5	9/8/16	1690.5	10/8/16	19.7	*****
Inspection, Rotor Brake Leak Check	50	HR	30	1640.5	9/8/16	1690.5	10/8/16	19.7	*****
Inspection, Rotor Brake Disk Flange for security	200	HR	-----	1571.7	8/16/16	1771.7	-----	100.9	
Inspection, Rotor Brake Linings for wear	400	HR	-----	1571.7	8/16/16	1971.7	-----	300.9	
Inspection, Rotor Brake Cable Operational Check	-----	Mo.	12		6/8/16	-----	6/7/17	9	
Inspection, Environmental Control System	200	HR	-----	1571.7	8/16/16	1771.7	-----	100.9	
Inspection, Environmental Control System Over Temp.	200	HR	-----	1571.7	8/16/16	1771.7	-----	100.9	
Inspection, Environmental Control System Operational Check	-----	Mo.	12		6/8/16	-----	6/7/17	9	
Inspection, Heat Exchanger	200	HR	-----	1571.7	8/16/16	1771.7	-----	100.9	
Inspection, Mast Vib Absorber Lock Nut Tq Ck.	800	HR	-----	1318.3	6/3/16	2118.3	-----	447.5	
Inspection, Mast Vib. Abs. Cap	4800	HR	-----	547.5		5347.5	-----	3676.7	
Inspection, Mast Vib. Abs. Rod and Adapter Group	4800	HR	-----	547.5		5347.5	-----	3676.7	
Ops Test, FIRE EXT circuit breakers for dormant open	10000	HR	-----	0.0	8/30/06	10000.0	-----	8329.2	
Ops Test, BTL extinguisher control panel	10000	HR	-----	0.0	8/30/06	10000.0	-----	8329.2	
Ops Test, BTL Discharge	10000	HR	-----	See Component Status Sheet					
Inspection, #1 Engine Fire Extinguishers Pressure Sensor	-----	Mo.	12	1337.4	6/8/16	-----	6/7/17	9	
Inspection, #1 Engine Fire Extinguishers Weight Check	-----	Mo.	12	1127.7	10/19/15	-----	10/17/16	1	*****
Inspection, #1 Engine Fire Extinguishers, Bridge wire test	-----	Mo.	36	532.7	6/23/14	-----	6/21/17	9	
Inspection, #1 Engine Fire Extinguisher Hydro Test	-----	Mo.	60	1127.7	10/14/15	-----	10/11/20	49	
Inspection, #2 Engine Fire Extinguishers Pressure Sensor	-----	Mo.	12	1337.4	6/8/16	-----	6/7/17	9	
Inspection, #2 Engine Fire Extinguishers Weight Check	-----	Mo.	12	1127.7	10/23/15	-----	10/21/16	1	*****
Inspection, #2 Engine Fire Extinguishers, Bridge wire test	-----	Mo.	36	532.7	6/23/14	-----	6/21/17	9	
Inspection, #2 Engine Fire Extinguisher Hydro Test	-----	Mo.	60	1127.7	10/14/15	-----	10/11/20	49	

CHAPTER 5-70 - SERVICING REQUIREMENTS

Main Rotor Swashplate lube	50	HR	3	1640.5	9/8/16	1690.5	12/8/16	19.7	*****
Main Rotor Floating Ring & Stop Plates lube	50	HR	3	1640.5	9/8/16	1690.5	12/8/16	19.7	*****
Tail Rotor Gearbox oil change	100	HR	6	1659.1	9/13/16	1759.1	3/14/17	88.3	
Tail Rotor Duplex Bearing lube (P/N 109-0133-05-103)	100	HR	6	1659.1	9/13/16	1759.1	3/14/17	88.3	
Main Landing Gear Strut Torque Links lube	400	HR	12	1297.7	5/27/16	1697.7	5/26/17	26.9	*****
Nose Landing Gear Tq Links & Steering Support lube	200	HR	12	1659.1	9/13/16	1859.1	9/12/17	188.3	
Landing Gear Tires service	200	HR	12	1659.1	9/13/16	1859.1	9/12/17	188.3	
Utility Hydraulic System Accumulators (Nitrogen)	200	HR	12	1659.1	9/13/16	1859.1	9/12/17	188.3	
Flight Control Hydraulic System Accumulators (Nitrogen)	200	HR	12	1659.1	9/13/16	1859.1	9/12/17	188.3	
Main Rotor Servo Actuator lube	200	HR	12	1659.1	9/13/16	1859.1	9/12/17	188.3	
Horizontal Stabilizers Clamps - surface protection		Mo.	12	1337.4	6/8/16	-----	6/7/17	9	
Tail Rotor Driveshaft Bearing lube	300	HR	-----	1640.5	9/8/16	1940.5	-----	269.7	
M/R & T/R Servo Actuator Levers lube	400	HR	12	1297.7	5/27/16	1697.7	5/26/17	26.9	*****
Airframe Fuel Filter Replace & Discard	400	HR	12	1297.7	5/27/16	1697.7	5/26/17	26.9	*****
Main Transmission oil & filter change	400	HR	12	1337.4	6/8/16	1737.4	6/7/17	66.6	
ECS Turbine Blower oil change	600	HR	-----	1127.7	3/17/16	1727.7	-----	56.9	
Main Landing Gear Shock Struts (Nitrogen) service	400	Mo.	12	1297.7	5/27/16	1697.7	5/26/17	26.9	
Main Landing Gear Shock Struts (Hydraulic) service	1600	HR	36	533.4	2/25/15	2133.4	2/23/18	462.6	
Nose Landing Gear Shock Struts (Hydraulic) service	1600	HR	-----	1571.7	8/16/16	3171.7	-----	1500.9	
Nose Landing Gear Shock Struts (Nitrogen) service	-----	Mo.	12	1337.4	6/8/16	-----	6/7/17	9	
Wheel Bearing lube	-----	Mo.	12	1337.4	6/8/16	-----	6/7/17	9	

CHAPTER 72 - #1 ENGINE INSPECTIONS

Compressor Power Recovery Wash	100	HR	-----	1618.9	9/2/16	1718.9	-----	48.1	*****
Fuel Management Module P3 Feed inspection	200	HR	-----	1659.1	9/13/16	1859.1	-----	188.3	
Oil Filter change	800	HR	-----	1640.5	9/8/16	2400.0	-----	729.2	
Fuel Filter and Screen change	800	HR	-----	1640.5	9/8/16	2400.0	-----	729.2	
Inlet Screen insp.	800	HR	-----	1640.5	9/8/16	2400.0	-----	729.2	
Fuel Nozzles (Exchange)	800	HR	-----	1640.5	9/8/16	2400.0	-----	729.2	
Igniters insp.	800	HR	-----	1640.5	9/8/16	2400.0	-----	729.2	
EEC/FMM insp.	800	HR	-----	1640.5	9/8/16	2400.0	-----	729.2	
Combustor, Small Exit Duct Insp.	800	HR	-----	1378.7	6/21/16	2133.0	-----	462.2	
12 Month inspection	-----	Mo.	12	1357.8	6/14/16	-----	6/9/17	9	

CHAPTER 72 - #2 ENGINE INSPECTIONS

Compressor Power Recovery Wash	100	HR	-----	1618.9	9/2/16	1718.9	-----	48.1	*****
Fuel Management Module P3 Feed inspection	200	HR	-----	1659.1	9/13/16	1859.1	-----	188.3	
Oil Filter change	800	HR	-----	1640.5	9/8/16	2400.0	-----	729.2	
Fuel Filter and Screen change	800	HR	-----	1640.5	9/8/16	2400.0	-----	729.2	

Inlet Screen insp.	800	HR	-----	1640.5	9/8/16	2400.0	-----	729.2	
Fuel Nozzles (Exchange)	800	HR	-----	1640.5	9/8/16	2400.0	-----	729.2	
Igniters insp.	800	HR	-----	1640.5	9/8/16	2400.0	-----	729.2	
EEC/FMM insp.	800	HR	-----	1640.5	9/8/16	2400.0	-----	729.2	
Combustor, Small Exit Duct Insp.	800	HR	-----	1378.7	6/21/16	2133.0	-----	462.2	
12 Month inspection	-----	Mo.	12	1357.8	6/14/16	-----	6/9/17	9	
FEDERAL AIR REGULATIONS (FAR)									
FAR 91.171 - VOR check	-----	Day	30	1600.8	8/24/16	-----	9/23/16	6	
FAR 91.411 - Pitot / Static System Certification	-----	Mo.	24	547.5	6/15/15	-----	6/13/17	9	
FAR 91.413 - Transponder Certification	-----	Mo.	24	547.5	6/15/15	-----	6/13/17	9	
FAR 135.185 - Weight and Balance	-----	Mo.	36	547.5	6/12/15	-----	6/10/18	21	
Portable Fire Extinguisher Weight Check	-----	Mo.	1	1618.9	9/2/16	-----	10/2/16	15	
APPROVED AIRCRAFT INSPECTION PROGRAM (AAIP)									
EMS Kit Inspection	100	HR	12	1659.1	9/13/16	1759.1	9/12/17	88.3	
Fleet Avionics inspection	-----	Mo.	24	547.5	6/15/15	-----	6/13/17	9	
MISCELLANEOUS REQUIREMENTS									
GPS Garmin 530W & 430W Database Update	-----	-----	-----	1640.5	9/8/16	-----	10/13/16	-----	
Aircraft Re-registration	-----	MO	36	-----	-----	-----	1/31/2018	16	

Date Printed

9/19/16

Pending Action Indicated By

North Memorial Medical Center
AGUSTA GRAND A109S STATUS REPORT - AIRFRAME

A/C REG. NO. N91NM		A/C S/N	22014	ENG TIMES	TSN		ACTT		1670.8			
#1 ENGINE PWC 206C		ENG S/N	PCE-BH0037		1670.8		Date		9/17/2016			
#2 ENGINE PWC 206C		ENG S/N	PCE-BH0034		1670.8		Landings		3971			
ATA	DESCRIPTION	COMPONENT PART NUMBER	SERIAL NUMBER	SERVICE LIFE INTERVAL/ACTION		COMP TSN/TSO/CYC	TSN/TSO/CYC	A/C TT DATE/CYC	DATE/CYC	COMP TSN/TSO/TS CYCLES	DATE/CYC	Due in 100 HRS. / 1 MO
18	Vibration Absorber R/H Cabin	109-0823-29-106	ILS6008F	3,200	HR SLL	0.0	SN	0.0	1670.8	1529.2		
18	Vibration Absorber, Mast Rod	109-0824-30-103	R112	7,000	HR SLL	0.0	SN	547.5	1123.3	5876.7		
21	Environmental Control System	5010C000-001	12827-1	-----	HR OC	8750.8	SN	547.5	9874.1			
21	Heat Exchanger	8585C000-001	2028	3,000	HR OH	0.0	SO	1337.4	333.4	2666.6		
21	Turbine-Blower	1538D000-003	0032	5,000	HR OH	3548.5	SO	549.9	4669.4	330.6		
24	Main Battery	R/G-407	40732621	800	HR OH	0.0	SN	1427.9	242.9	557.1		
				12	MO Insp		SN	7/4/16	3	9		
25	Vacuum Pump Regulator	Model 6-1224	GFHW10697	24	MO OH			8/15/15	13	11		
25	EMS Oxygen Bottle (15 Yr Retire)	1270152-3	32544	180	MO SLL			1/15/15	20	160		
25	EMS Oxygen Bottle (3 Yr Hydro)			36	MO Insp			1/15/15	20	16		
25	O2 Regulator (Overhaul-6 Year)	172400-14	7697	72	MO OH			6/12/15	15	57		
25	O2 Regulator (Inspection-3 Year)			36	MO Insp			6/12/15	15	21		
25	Cockpit Seat Belts - Pilot	1-10-015227YSS		144	MO SLL		SN	4/1/06	126	18		
25	Cockpit Seat Belts - Co-Pilot	1-10-015227YSS		144	MO SLL		SN	4/1/06	126	18		
26	Fire Extinguisher Cabin	AW003ZE02	08-201500540	120	MO SLL		SN	8/1/15	14	106		
26	Engine Fire Bottle L/H	27300-1	0919									
	- 12 Month Pressure Sensor Insp			12	MO Insp		SI	3/17/16	6	6		
	- 12 Month Weight Check			12	MO Insp		SI	3/17/16	6	6		
	- 3 Year Resistance Check			36	MO Insp		SI	6/23/14	27	9		
	- 5 Year Hydro Static Insp			60	MO Insp		SI	10/14/15	11	49		
	-10,000 Hr Discharge Head Insp.			10,000	HR Insp		SI		1670.8	8329.2		
Engine Fire Bottle L/H, Main Squib	30600-22	NSN	144	MO SLL		SN	8/15/05	133	11			
Engine Fire Bottle L/H, Altn Squib	30600-22	NSN	144	MO SLL		SN	8/15/05	133	11			
26	Engine Fire Bottle R/H	27300-1	0930									
	- 12 Month Pressure Sensor Insp			12	MO Insp		SI	3/17/16	6	6		
	- 12 Month Weight Check			12	MO Insp		SI	3/17/16	6	6		
	- 3 Year Resistance Check			36	MO Insp		SI	6/23/14	27	9		
	- 5 Year Hydro Static Insp			60	MO Insp		SI	10/14/15	11	49		
	-10,000 Hr Discharge Head Insp.			10,000	HR Insp		SI	1127.7	2127.5	7872.5		
Engine Fire Bottle R/H, Main Squib	30600-22	NSN	144	MO SLL		SN	10/23/15	11	133			
Engine Fire Bottle R/H, Altn Squib	30600-22	NSN	144	MO SLL		SN	10/23/15	11	133			
29	Hydraulic Pump #1	109-0760-42-105	AM777		HR OC	273.9	SN	1013.0	931.7			
	- 1600 Hour Insp			1,600	HR Insp	0.0	SI	1571.7	99.1	1500.9		
29	Hydraulic Pump #2	109-0760-42-103	481		HR OC	0.0	SN	0.0	1670.8			
	- 1600 Hour Insp			1,600	HR Insp	0.0	SI	1571.7	99.1	1500.9		
31	Clock Battery "AAA"	AT42510H		24	MO SLL		SN	5/31/16	4	20		
32	Nose L/G Shockstrut	109-0503-44-103	0031		HR OC	0.0	SN	0.0	1670.8			
				40,000	LDG SLL	0	SN	0	3971	36029		
32	NLG Actuator	109-0500-10-109	0172		HR OC	0.0	SN	0.0	1670.8			
	-1800 Hr / 6 Year Inspection			900	HR Insp	0.0	SI	1378.7	292.1	607.9		
				36	MO Insp	0.0	SI	6/23/14	27	9		
32	Main L/G ShockStrut Left	109-0503-45-101	0195		HR	0.0	SN	0.0	1670.8			
				8,000	LDG SLL	0	SN	0	3971	4029		
32	Main L/G ShockStrut Right	109-0503-45-102	0044		HR	0.0	SN	0.0	1670.8			
				8,000	LDG SLL	0	SN	0	3971	4029		
32	Main L/G Actuator Left	109-0900-39-107	0584		HR OC	0.0	SN	48.4	1622.4			
	-1800 Hr / 6 Year Inspection			900	HR Insp	0.0	SI	1378.7	292.1	607.9		
				36	MO Insp	0.0	SI	6/23/14	27	9		
32	Main L/G Actuator Right	109-0900-39-107	0348		HR OC	0.0	SN	0.0	1670.8			
	-1800 Hr / 6 Year Inspection			900	HR Insp	0.0	SI	1378.7	292.1	607.9		
				36	MO Insp	0.0	SI	6/23/14	27	9		
34	Garmin GDL69 - XM Weather	ID: D7XB64HG	3NW000355	12	MO Sub			10/7/15	11		*****	
55	Elevator Left	109-0200-02-601	A7/007	3,000	HR SLL	0.0	SN	0.0	1670.8	1329.2		
55	Elevator Right	109-0200-02-602	A7/007	6,900	HR SLL	0.0	SN	0.0	1670.8	5229.2		
55	Syne Elevator Fitting	109-0210-03-13	MO.979	4,000	HR SLL	0.0	SN	0.0	1670.8	2329.2		
55	Syne Elevator Fitting	109-0210-03-13	MO.980	4,000	HR SLL	0.0	SN	0.0	1670.8	2329.2		

Date Printed
09/19/16

Pending action indic *****

North Memorial Medical Center
AGUSTA POWER A109E STATUS REPORT - AIRFRAME

A/C REG. NO. N91NM	A/C S/N	22014	DATE	9/17/2016	AIRCRAFT T.T.	1670.8
#1 ENGINE PWC 206C	#1 SERIAL NO.	PCE-BH0037	LANDINGS	3971	#1 ENGINE T.S.N.	1670.8
#2 ENGINE PWC 206C	#2 SERIAL NO.	PCE-BH0034			#2 ENGINE T.S.N.	1670.8

ATA	DESCRIPTION	PART NUMBER	SERIAL NUMBER	SERVICE LIFE INTERVAL/ACTION	COMP TT/CYCLES INSTALL	A/C TT DATE/CYC INSTALL	COMP T.T. CYCLES	COMP TIME/TRC REMAINING	DUE IN 100 HRS. / 1 MO.
62	M/R Hub Assy	109-0112-02-103	M48		HR OC	0.0 SN	0.0	1670.8	OC
	- 2400 Hour Insp			2,400	HR Insp	0.0 SI	0.0	1670.8	729.2
62	Main Rotor Hub Yoke	109-0111-03-113	L178	89,000	EXG SLL	0 SN	0	3971	85029
62	Elastomeric Bearing	109-0111-04-101	1056	46,000	EXG SLL	0 SN	0	3971	42029
62	Elastomeric Bearing	109-0111-04-101	1057	46,000	EXG SLL	0 SN	0	3971	42029
62	Elastomeric Bearing	109-0111-04-101	1055	46,000	EXG SLL	0 SN	0	3971	42029
62	Elastomeric Bearing	109-0111-04-101	1058	46,000	EXG SLL	0 SN	0	3971	42029
62	Main Rotor Damper	109-0112-39-105	MCR2928		HR OC	316.4 SN	1645.1	342.1	
				1,200	HR OH	316.4 SO	1645.1	342.1	857.9
62	Main Rotor Damper	109-0112-39-105	703		HR OC	1971.1 SN	1434.8	2207.1	
				1,200	HR OH	0.0 SO	1434.8	236.0	964.0
62	Main Rotor Damper	109-0112-39-105	608		HR OC	752.0 SN	1434.8	988.0	
				1,200	HR OH	0.0 SO	1434.8	236.0	964.0
62	Main Rotor Damper	109-0112-39-105	451		HR OC	1180.6 SN	716.7	2134.7	
				1,200	HR OH	0.0 SO	716.7	954.1	245.9
62	Main Rotor Blade	709-0104-01-111	N83	8,800	HR SLL	0.0 SN	0.0	1670.8	7129.2
62	Main Rotor Blade	709-0104-01-111	N93	8,800	HR SLL	0.0 SN	0.0	1670.8	7129.2
62	Main Rotor Blade	709-0104-01-111	M61	8,800	HR SLL	0.0 SN	0.0	1670.8	7129.2
62	Main Rotor Blade	709-0104-01-111	N73	8,800	HR SLL	0.0 SN	0.0	1670.8	7129.2
62	Swashplate Assy	109-0134-02-103	M190		HR OC	0.0 SN	0.0	1670.8	
	- 2400 Hour Insp			2,400	HR Insp	0.0 SI	0.0	1670.8	729.2
62	Fixed Swashplate Assy	109-0110-63-5	M161	19,000	HR SLL	0.0 SN	0.0	1670.8	17329.2
62	Rotating Swashplate	109-0134-03-105	L90	9,100	HR SLL	0.0 SN	0.0	1670.8	7429.2
62	Swashplate Support	109-0110-05-101	339	1,000	HR SLL	0.0 SN	980.5	690.3	309.7
62	Upper Fixed Half Scissors	109-0110-54-111	MCR00109	48,000	HR SLL	0.0 SN	0.0	1670.8	46329.2
62	Upper Fixed Half Scissors Fitting	109-0110-38-1	M108	3,400	HR SLL	0.0 SN	0.0	1670.8	1729.2
62	Lower Fixed Half Scissors	109-0110-60-1	MCR00011	20,000	HR SLL	0.0 SN	0.0	1670.8	18329.2
62	Rotating Swashplate Locking Ring	109-0134-11-103	L129	8,300	HR SLL	0.0 SN	0.0	1670.8	6629.2
62	Sleeve	109-0110-21-103	MCR00043	15,000	HR SLL	0.0 SN	0.0	1670.8	13329.2
62	Sleeve	109-0110-21-103	MCR00044	15,000	HR SLL	0.0 SN	0.0	1670.8	13329.2
62	Spherical Sleeve	109-0110-04-1	L120	12,000	HR SLL	0.0 SN	0.0	1670.8	10329.2
62	Swashplate Grease Bolt	109-0110-90-107	L259	42,000	HR SLL	0.0 SN	0.0	1670.8	40329.2
62	Swashplate Grease Bolt	109-0110-90-107	L260	42,000	HR SLL	0.0 SN	0.0	1670.8	40329.2

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AGUSTA POWER A109E STATUS REPORT - AIRFRAME

A/C REG. NO. N91NM	A/C S/N	22014	DATE	9/17/2016	AIRCRAFT T.T.	1670.8
#1 ENGINE PWC 206C	#1 SERIAL NO.	PCE-BH0037	LANDINGS	3971	#1 ENGINE T.S.N.	1670.8
#2 ENGINE PWC 206C	#2 SERIAL NO.	PCE-BH0034			#2 ENGINE T.S.N.	1670.8

ATA	DESCRIPTION	PART NUMBER	SERIAL NUMBER	SERVICE LIFE INTERVAL/ACTION	COMP TT/CYCLES INSTALL	A/C TT DATE/CYC INSTALL	COMP T.T. CYCLES	COMP TIME/TRC REMAINING	DUE IN 100 HRS. / 1 MO.
63	Main Transmission	109-0400-03-113	M26	-----	HR OH	0.0 SN	0.0	1670.8	-----
	- 1200 Hour Insp (FWU)			1,200	HR Insp	0.0 SI	1178.9	491.9	708.1
	- 3200 Hour Insp			3,200	HR Insp	0.0 SI	0.0	1670.8	1529.2
	- 4800 Hour Overhaul			4,800	HR OH	0.0 SO	0.0	1670.8	15329.2
63	Main XMSN Shaft Assy	109-0405-76-109	L173	10,000	HR SLL	0.0 SN	0.0	1670.8	8329.2
63	Planetary Carrier	109-0405-10-105	M15	100,000	LDG SLL	0 SN	0	3971	96029
63	Upper Case Assembly	109-0402-45-101	M57	9,800	HR SLL	0.0 SN	0.0	1670.8	8129.2
63	Bracket Assy Lower fixed half Scissor Sup	109-0110-53-1	L95	17,000	HR SLL	0.0	0.0	1670.8	15329.2
63	Shaft Assembly (FWD Driveshaft)	109-0425-41-1	M162	134,000	LDG SLL	0	0	3971	130029
63	Shaft Assembly (Middle Shaft)	109-8412-02-1	M189	78,000	LDG SLL	0	0	3971	74029
63	Shaft Assembly Aft Long Shaft)	109-8412-02-3	M168	78,000	LDG SLL	0	0	3971	74029
63	Forward Rod	109-0325-02-107	ILS5201F	16,000	HR SLL	0.0 SN	0.0	1670.8	14329.2
63	Forward Rod	109-0325-02-107	ILS6879F	16,000	HR SLL	0.0 SN	0.0	1670.8	14329.2
63	Main XMSN R/H Aft Brace	109-0325-03-113	MO 269	13,000	HR SLL	0.0 SN	0.0	1670.8	11329.2
63	Main XMSN L/H Aft Brace	109-0325-03-113	MO 924	13,000	HR SLL	0.0 SN	381.0	1289.8	11710.2
63	Flange Adapter	109-0425-01-3	M239	40,000	LDG SLL	0 SN	0	3971	36029
63	Flange Adapter	109-0425-01-3	M240	40,000	LDG SLL	0 SN	0	3971	36029
63	Flange Adapter	109-0425-01-3	M255	40,000	LDG SLL	0 SN	0	3971	36029
63	Flange Adapter	109-0425-01-3	M264	40,000	LDG SLL	0 SN	0	3971	36029
63	Lower Fitting	109-0325-08-109	L423	41,000	HR SLL	0.0 SN	0.0	1670.8	39329.2
63	Lower Fitting	109-0325-08-109	L421	41,000	HR SLL	0.0 SN	0.0	1670.8	39329.2
63	Lower Fitting	109-0325-08-109	L422	41,000	HR SLL	0.0 SN	0.0	1670.8	39329.2
63	Lower Fitting	109-0325-08-109	L424	41,000	HR SLL	0.0 SN	0.0	1670.8	39329.2
64	Tail Rotor Hub Assy	109-0162-01-107	N13R		HR OC	175.1 SN	175.1	1670.8	
64	TR Hub	109-0131-06-101	M164	12,000	LDG SLL	0 SN	0	3971	8029
64	TT Retention Strap Assy	109-8131-07-1	M694	7,200	LDG SLL	0 SN	0	3971	3229
64	TT Retention Strap Assy	109-8131-07-1	M695	7,200	LDG SLL	0 SN	0	3971	3229
64	Strap Pin	109-8131-08-1	M506	20,000	LDG SLL	0 SN	0	3971	16029
64	Strap Pin	109-8131-08-1	R2964	20,000	LDG SLL	0 SN	1720	2251	17749
64	Strap Plug	109-8131-06-1	M503	20,000	LDG SLL	0 SN	0	3971	16029
64	Strap Plug	109-8131-06-1	M465	20,000	LDG SLL	0 SN	0	3971	16029
64	Blade Bolt	709-0160-57-101	V1523	22,000	LDG SLL	0 SN	1551	2420	19580
64	Blade Bolt	709-0160-57-101	V1514	22,000	LDG SLL	0 SN	1551	2420	19580
64	Tail Rotor Blade	709-0160-48-101	M764	10,000	HR SLL	0.0 SN	0.0	1670.8	8329.2
64	Tail Rotor Blade	709-0160-48-101	M787	10,000	HR SLL	0.0 SN	0.0	1670.8	8329.2
64	Lever	109-0130-21-103	MO 082	16,000	HR SLL	0.0 SN	0.0	1670.8	14329.2
64	Shaft	109-0130-33-1	MO 070	16,000	HR SLL	0.0 SN	0.0	1670.8	14329.2
64	Double Lever	109-0130-62-1	MO 046	16,000	HR SLL	0.0 SN	0.0	1670.8	14329.2
64	Rod T/R Stick Assy	109-0133-04-109	MOR6154	16,000	HR SLL	0.0 SN	1378.7	292.1	15707.9
64	Rod T/R Stick Assy	109-0133-04-109	MOR5990	16,000	HR SLL	0.0 SN	1378.7	292.1	15707.9
64	Lever Assembly Forked	109-0130-43-115	MOR1035	16,000	HR SLL	397.0 SN	1571.7	496.1	15503.9
64	Lever Rocker Arm	109-0130-60-109	MOR1650	16,000	HR SLL	0.0 SN	532.5	1138.3	14861.7
65	90 Tail Rotor Gearbox Assy	109-0440-01-121	M160		HR	0.0 SN	0.0	1670.8	-----
	- 1600 Hour Insp			1,600	HR Insp	0.0 SI	1571.7	99.1	1500.9
	- 3000 Hour Overhaul			3,000	HR OH	0.0 SO	0.0	1670.8	1329.2
	T/R Gearbox, Pinion Gear	109-0433-01-107	L112	30,000	HR SLL	0.0 SN	0.0	1670.8	28329.2
	T/R Gearbox, Crown Gear	109-0443-01-103	M112	41,000	HR SLL	0.0 SN	0.0	1670.8	39329.2
	T/R Gearbox, Case Assembly	109-0442-01-17	M139	3,300	HR SLL	0.0 SN	0.0	1670.8	1629.2
	T/R Gearbox, Sleeve, Mounting	109-0435-31-1	M165	3,300	HR SLL	0.0 SN	0.0	1670.8	1629.2
	T/R Gearbox, Shaft	109-0445-08-113	M161	50,000	HR SLL	0.0	0.0	1670.8	48329.2

27	Tail Rotor Servo Actuator	109-0040-51-103	1141	1,800	HR	OH	0.0	SO	0.0	1670.8	129.2	
				26,000	HR	SLL	0.0	SN	0.0	1670.8	24329.2	
67	Link (Actuator Support)	109-0040-47-1	22014-1	26,000	HR	SLL	0.0	SN	0.0	1670.8	24329.2	
67	Link (Actuator Support)	109-0040-47-1	22014-2	26,000	HR	SLL	0.0	SN	0.0	1670.8	24329.2	
67	Bellcrank (Actuator Support)	109-0040-48-117	22014	26,000	HR	SLL	0.0	SN	0.0	1670.8	24329.2	
67	Support Assy (Actuator)	109-0040-49-5	22014	26,000	HR	SLL	0.0	SN	0.0	1670.8	24329.2	
27	Main Rotor Servo Actuator	109-0110-42-134	4006	800	HR	Insp	0.0	SO	1557.2	113.6	686.4	
				1,800	HR	OH	0.0	SO	0.0	1670.8	129.2	
				8,000	HR	SLL	0.0	SN	0.0	1670.8	6329.2	
	Servo Actuator Base	28007GR90	8846	1,000	HR	SLL	0.0	SN	1557.2	113.6	886.4	
27	Main Rotor Servo Actuator	109-0110-42-135	6024	800	HR	Insp	0.0	SO	1557.2	113.6	686.4	
				1,800	HR	OH	0.0	SO	0.0	1670.8	129.2	
				8,000	HR	SLL	0.0	SN	0.0	1670.8	6329.2	
	Servo Actuator Base	28007GR90	8494	1,000	HR	SLL	0.0	SN	980.5	690.3	309.7	
27	Main Rotor Servo Actuator	109-0110-42-136	8011	800	HR	Insp	0.0	SO	1571.7	99.1	700.9	
				1,800	HR	OH	983.5	SO	1337.4	1316.9	483.1	
				8,000	HR	SLL	983.5	SN	1337.4	1316.9	6683.1	
	Servo Actuator Base	28007GR90	8870	1,000	HR	SLL	0.0		1571.7	99.1	900.9	
79	Oil Cooler Belt	109-0455-09-103	8302	800	HR	SLL	0.0	SN	1178.9	491.9	308.1	
79				24	MG	SLL		SN	4/12/2016	4	19	
79	Oil Cooler Belt	109-0455-09-103	8291	800	HR	SLL	0.0	SN	1178.9	491.9	308.1	
79				24	MG	SLL		SN	4/12/2016	4	19	
80	Starter/Generator, #1 Engine	160SG139Q-2	1271XL2	1,000	HR	OH	0.0	SO	1520.1	150.7	849.3	
80	Starter/Generator, #2 Engine	160SG139Q-2	3725XL2	1,000	HR	OH	0.0	SO	1015.7	655.1	344.9	

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AGUSTA POWER A109E STATUS REPORT - #1 ENGINE													
A/C REG.NO. N91NM		A/C S/N		22014		DATE CHANGED		9/17/2016		AIRCRAFT T.T.		1670.8	
#1 ENGINE PW206C		#1 SERIAL NO.		PCE-BH0037		LANDINGS		3971		#1 ENGINE T.S.N.		1670.8	
ATA	DESCRIPTION	PART NUMBER	SERIAL NUMBER	SERVICE LIFE	INTERVAL/ACTION	COMP TT/CYCLES	INSTALL	ACTT/ CYCLES	INSTALL	COMP TOTAL TIME/LCF	Hours / Cycles	REMAINING	DUE IN 100 HRS. / 1 MO.
72	ENGINE #1	PW207C	PCE-BH0037		HR OC	0.0	SN	0.0		1670.8			
Component Status													
72	Reduction Gearbox Module	3053005-01	RG-BH0037	3,500	HR OH	0.0	SN	0.0		1670.8	1,829.2		
72	Turbo Machinery Module	3053006-01	TM-BH0037	3,500	HR OH	0.0	SN	0.0		1670.8	1,829.2		
72	Compressor Turbine Disk	3048999-01	A001X4WL	10,000	CY SLL	0	SN			3249	6751		
72	Power Turbine Disk	3044188-01	A001WRW6	10,000	CY SLL	0	SN			3387	6613		
72	Impeller	3058672-01	A001W8XL	15,000	CY SLL	0	SN			1593	13407		
72	Fuel Management Module	3054277-01	14568255	4,000	HR OH	0.0	SN	0.0		1670.8	2,329.2		
Inspection Status													
	FMM P3 Feed Insp			200	HR IN		SI	1659.1		11.7	188.3		
	Oil Filter Change			800	HR IN		SI	1640.5		70.8	729.2		
	Fuel Filter & Screen Insp			800	HR IN		SI	1640.5		70.8	729.2		
	Inlet Screen Insp			800	HR IN		SI	1640.5		70.8	729.2		
	Fuel Nozzles Insp			800	HR IN		SI	1640.5		70.8	729.2		
	Igniters Insp			800	HR IN		SI	1640.5		70.8	729.2		
	Combustor, Small Exit Duct Insp			800	HR IN		SI	1378.7		337.8	462.2		
	EEC / FMM Insp			800	HR IN		SI	1640.5		70.8	729.2		
	12 Month Insp			12	MO IN		SI	6/14/2016		3	0		
Notes													

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North Memorial Medical Center												
AGUSTA POWER A109E STATUS REPORT - #2 ENGINE												
A/C REG. NO. N91NM		A/C S/N		22014		DATE CHANGED		9/17/2016		AIRCRAFT T.T.		1670.8
#2 ENGINE PW206C		#2 SERIAL NO.		PCE-BH10037		LANDINGS		3971		#1 ENGINE T.S.N.		1670.8
ATA	DESCRIPTION	PART NUMBER	SERIAL NUMBER	SERVICE LIFE INTERVAL/ACTION	COMP TT/CYCLES INSTALL	ACTT / CYCLES INSTALL	COMP TOTAL TIME/LCF	COMP TIME/TRC REMAINING	DUE IN 100 HRS. / 1 MO.			
72	ENGINE #2	PW207C	PCE-BH0034		HR	OC	0.0	SN	0.0	1670.8		
Component Status												
72	Reduction Gearbox Module	3053005	RGB-BH0034	3,500	HR	OH	0.0	SN	0.0	1670.8	1,829.2	
72	Turbo Machinery Module	3053006	TM-BH0034	3,500	HR	OH	0.0	SN	0.0	1670.8	1,829.2	
72	Compressor Turbine Disk	3048999-01	A001WLTT	10,000	CY	SLL	0	SN		2906	7094	
72	Power Turbine Disk	3044188-01	A001WLT8	10,000	CY	SLL	0	SN		3365	6635	
72	Impeller	3058672-01	A001TR2X	15,000	CY	SLL	0	SN		1575	13425	
72	Fuel Management Module	3054277-01	14485790	4,000	HR	OH	0.0	SN	0.0	1670.8	2,329.2	
Inspection Status												
	FMM P3 Feed Insp			200	HR	IN		SN	1659.1	11.7	188.3	
	Oil Filter Change			800	HR	IN		SI	1640.5	70.8	729.2	
	Fuel Filter & Screen Insp			800	HR	IN		SI	1640.5	70.8	729.2	
	Inlet Screen Insp			800	HR	IN		SI	1640.5	70.8	729.2	
	Fuel Nozzles Insp			800	HR	IN		SI	1640.5	70.8	729.2	
	Igniters Insp			800	HR	IN		SI	1640.5	70.8	729.2	
	Combustor, Small Exit Duct Insp			800	HR	IN		SI	1378.7	292.1	507.9	
	EEC / FMM Insp			800	HR	IN		SI	1640.5	70.8	729.2	
	12 Month Insp			12	MO	IN		SI	6/14/2016	3	9	
Notes												

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A109E HOVER POWER ASSURANCE CHECK

REG.NO. N91NM		S/N 22014		#1 ENGINE S/N PCE-BH0037							#2 ENGINE PCE-BH0034							INITIALS	Wash
DATE	A/CTT	PA	OAT	TOT	N1	TQ	MAX TOT	MARGIN	MAX N1	MARGIN	TOT	N1	TQ	MAX TOT	MARGIN	MAX N1	MARGIN		
6/21/16	1378.9	1200	27	714	89.8	80	755	+41	92.0	+2.2	725	89.4	80	755	+30	92.0	+2.6	BAK	75/75
6/25/16	1388.8	1450	27	714	90.1	80	755	+41	92.0	+1.9	730	89.9	80	755	+25	92.0	+2.1	JWK	76/78
6/27/16	1400.0	1000	18	692	88.9	80	730	+38	90.5	+1.6	704	88.5	80	730	+26	90.5	+2.	JWK	73/74
6/30/16	1411.0	1700	15	686	88.3	80	728	+42	90.5	+2.2	692	88.4	80	728	+36	90.5	+2.1	JWK	72/76
7/3/16	1423.4	1150	25	711	89.0	80	753	+42	91.5	+2.5	719	89.0	80	753	+34	91.5	+2.5	L. Q.	76/76
7/6/16	1436.5	1400	31	719	89.8	80	770	+51	92.5	+2.7	733	89.2	80	770	+37	92.5	+3.3	JAB	73/76
7/10/16	1449.7	1300	23	715	89.4	80	750	+35	91.8	+2.4	709	89.3	80	750	+41	91.8	+2.5	JWK	72/76
7/14/16	1460.6	1250	17	697	88.8	80	735	+38	91.0	+2.2	710	88.4	80	735	+25	91.0	+2.6	BAK	73/76
7/18/16	1471.3	1000	22	699	89.0	80	741	+42	91.0	+2.	712	88.9	80	741	+29	91.0	+2.1	JAB	75/76
7/21/16	1481.7	1200	33	728	90.6	80	772	+44	92.9	+2.3	733	90.3	80	772	+39	92.9	+2.6	JWK	72/75
7/25/16	1492.9	1100	25	707	89.4	80	750	+43	91.5	+2.1	718	89.0	80	750	+32	91.5	+2.5	RMS	72/74
7/28/16	1503.3	1100	25	700	89.2	80	750	+50	91.5	+2.3	711	88.8	80	750	+39	91.5	+2.7	BMW	
7/30/16	1513.9	1200	28	714	90.0	80	765	+51	93.5	+3.5	729	89.3	80	765	+36	93.5	+4.2	SAJ	
8/2/16	1525.5	1140	28	718	90.1	80	760	+42	92.0	+1.9	728	90.1	80	760	+32	92.0	+1.9	JAB	74/74
8/5/16	1536.7	1150	24	710	89.5	80	755	+45	91.6	+2.1	715	88.9	80	755	+40	91.6	+2.7	BAK	73/73
8/8/16	1548.4	1250	26	715	89.6	80	755	+40	92.0	+2.4	723	89.1	80	755	+32	92.0	+2.9	BAK	73/74
8/10/16	1558.4	1280	27	720	90.0	80	760	+40	92.0	+2.	726	89.8	80	760	+34	92.0	+2.2	JAB	73/75
8/14/16	1568.8	1100	24	708	89.4	80	755	+47	92.5	+3.1	710	89.0	80	755	+45	92.5	+3.5	JWK	74/72
8/19/16	1579.7	1300	24	713	89.5	80	755	+42	92.5	+3.	728	89.1	80	755	+27	92.5	+3.4	BAK	74/73
8/22/16	1591.5	1320	25	717	89.8	80	760	+43	91.5	+2.6	727	89.5	80	760	+33	91.5	+2.	JAB	74/75
8/25/16	1603.4	1160	17	692	88.6	80	732	+40	90.8	+2.2	699	88.3	80	732	+33	90.8	+2.5	JWK	74/73
8/29/16	1613.3	1000	26	709	89.5	80	755	+46	91.5	+2.	721	89.1	80	755	+34	91.5	+2.4	RMS	73/74
9/2/16	1623.3	1100	18	695	88.8	80	730	+35	90.8	+2.	706	88.3	80	730	+24	90.8	+2.5	RMS	74/72
9/5/16	1632.9	1320	25	712	89.7	80	753	+41	91.8	+2.1	720	89.5	80	753	+33	91.8	+2.3	JWK	74/73
9/8/16	1640.5	1200	28	709	89.2	80	760	+51	92.0	+2.8	721	89.1	80	760	+39	92.0	+2.9	RMS	74/73
9/10/16	1651.6	1200	21	702	88.9	80	745	+43	91.2	+2.3	714	88.5	80	745	+31	91.2	+2.7	RMS	
9/14/16	1663.5	850	15	687	88.2	80	725	+38	90.5	+2.3	691	87.6	80	725	+34	90.5	+2.9	JAB	72/75
						80		+		+			80	0	+	0.0	+		
						80		+		+			80	0	+	0.0	+		
						80		+		+			80	0	+	0.0	+		
						80		+		+			80	0	+	0.0	+		
						80		+		+			80	0	+	0.0	+		
						80		+		+			80	0	+	0.0	+		
						80		+		+			80	0	+	0.0	+		
						80		+		+			80	0	+	0.0	+		
						80		+		+			80	0	+	0.0	+		
						80		+		+			80	0	+	0.0	+		

A109E HOVER POWER ASSURANCE CHECK

REG.NO. N91NM		S/N 22014		#1 ENGINE S/N PCE-BH0037							#2 ENGINE PCE-BH0034							INITIALS	Wash
DATE	A/CTT	PA	OAT	TOT	N1	TQ	MAX TOT	MARGIN	MAX N1	MARGIN	TOT	N1	TQ	MAX TOT	MARGIN	MAX N1	MARGIN		
11/21/15	940.6	1080	-4	625	85.8	80	680	+55	87.5	+1.7	640	85.6	80	680	+40	87.5	+1.9	JAB	74 75
11/25/15	951.0	1200	2	650	86.8	80	695	+45	89.0	+2.2	665	86.7	80	695	+30	89.0	+2.3	RMS	74 75
12/4/15	962.7	1000	8	652	86.8	80	710	+58	89.5	+2.7	666	86.8	80	710	+44	89.5	+2.7	BJH	73 74
12/8/15	973.7	1500	4	648	86.1	80	695	+47	89.2	+3.1	655	86.5	80	695	+40	89.2	+2.7	SJ	73 75
12/21/15	986.9	1300	-3	635	86.2	80	682	+47	88.4	+2.2	645	85.8	80	682	+37	88.4	+2.6	rms	73 71
12/31/15	997.2	1100	-9	619	85.5	80	670	+51	87.8	+2.3	627	85.1	80	670	+43	87.8	+2.7	RMS	71 72
1/3/16	1007.2	940	-4	632	86.1	80	675	+43	88.0	+1.9	638	85.5	80	675	+37	88.0	+2.5	BAK	71/72
1/19/16	1024.7	850	-12	599	84.4	80	650	+51	87.0	+2.6	605	84.1	80	650	+45	87.0	+2.9	JAB	71/72
1/24/16	1035.0	1350	0	643	86.3	80	690	+47	89.0	+2.7	658	86.1	80	690	+32	89.0	+2.9	BAK	74/75
2/4/16	1046.0	1100	-7	621	85.5	80	670	+49	87.5	+2.	630	85.4	80	670	+40	87.5	+2.1	JAB	72/73
2/11/16	1059.5	1000	-9	613	85.0	80	662	+49	87.1	+2.1	616	84.8	80	662	+46	87.1	+2.3	JAB	72/73
2/21/16	1078.4	1000	-1	638	86.0	80	680	+42	88.0	+2.	650	85.7	80	680	+30	88.0	+2.3	BAK	70/72
2/28/16	1088.0	1440	0	647	86.6	80	690	+43	88.6	+2.	654	86.1	80	690	+36	88.6	+2.5	JWK	72/74
3/2/16	1098.4	1100	-2	638	86.3	80	683	+45	88.4	+2.1	650	85.7	80	683	+33	88.4	+2.7	RMS	71/72
3/10/16	1111.3	1000	7	656	87.2	80	700	+44	89.5	+2.3	663	86.9	80	700	+37	89.5	+2.6	JWK	72/76
3/14/16	1123.3	1500	10	675	88.0	80	725	+50	90.0	+2.	685	87.6	80	725	+40	90.0	+2.4	JWK	72/75
3/19/16	1133.5	900	1	637	86.3	80	685	+48	88.5	+2.2	645	86.0	80	685	+40	88.5	+2.5	JAB	71/74
3/29/16	1145.3	1200	20	690	88.9	80	740	+50	91.0	+2.1	693	88.4	80	740	+47	91.0	+2.6	BAK	76/76
4/1/16	1156.4	1340	3	655	86.7	80	692	+37	89.0	+2.3	660	86.5	80	692	+32	89.0	+2.5	JAB	71/75
4/5/06	1166.8	1300	1	650	86.7	80	692	+42	88.9	+2.2	662	86.6	80	692	+30	88.9	+2.3	RMS	71/74
4/13/16	1179.7	1150	9	656	86.9	80	710	+54	90.0	+3.1	659	86.5	80	710	+51	90.0	+3.5	JAB	72/75
4/20/16	1190.8	1200	16	675	88.2	80	725	+50	90.5	+2.3	687	87.8	80	725	+38	90.5	+2.7	DMK	74/73
4/27/16	1199.2	1200	11	674	87.9	80	718	+44	90.2	+2.3	684	87.7	80	718	+34	90.2	+2.5	JWK	73/76
5/1/16	1211.1	1000	14	677	88.0	80	723	+46	90.5	+2.5	690	87.8	80	723	+33	90.5	+2.7	RMS	
5/7/16	1222.2	1400	23	708	89.5	80	755	+47	91.8	+2.3	715	89.0	80	755	+40	91.8	+2.8	JAB	75/79
5/10/16	1236.8	1220	10	668	87.8	80	715	+47	91.0	+3.2	676	87.4	80	715	+39	91.0	+3.6	JWK	72/75
5/13/16	1247.7	1180	4	657	86.9	80	697	+40	89.4	+2.5	664	86.7	80	697	+33	89.4	+2.7	JWK	72/76
5/16/16	1258.1	1100	10	673	87.8	80	725	+52	90.0	+2.2	685	87.5	80	725	+40	90.0	+2.5	BAK	73/73
5/21/16	1268.3	1080	25	709	89.7	80	755	+46	91.8	+2.1	716	89.2	80	755	+39	91.8	+2.6	JWK	73/76
5/23.16	1279.3	1380	22	708	89.1	80	750	+42	91.8	+2.7	713	89.4	80	750	+37	91.8	+2.4	RMS	74/78
5/26/16	1293.2	1200	23	712	89.7	80	750	+38	91.5	+1.8	720	89.3	80	750	+30	91.5	+2.2	JAB	74/76
5/29/16	1305.2	1220	20	698	89.2	80	740	+42	91.0	+1.8	706	88.6	80	740	+34	91.0	+2.4	JAB	73/76
6/3/16	1319.2	1260	15	690	88.8	80	729	+39	90.5	+1.7	697	88.3	80	729	+32	90.5	+2.2	JWK	73/76
6/6/16	1332.0	1300	20	704	89.2	80	740	+36	90.5	+1.3	697	88.3	80	740	+43	90.5	+2.2	RMS	73/77
6/9/16	1343.6	1300	25	707	89.4	80	755	+48	91.8	+2.4	720	89.1	80	755	+35	91.8	+2.7	BAK	73/76
6/12/16	1356.5	1125	22	694	89.0	80	742	+48	91.2	+2.2	702	88.4	80	742	+40	91.2	+2.8	JAB	72/76
6/18/16	1369.0	1000	29	718	89.8	80	762	+44	92.0	+2.2	727	89.6	80	762	+35	92.0	+2.4	RMS	73/76

A109E HOVER POWER ASSURANCE CHECK

REG.NO. N91NM		S/N 22014		#1 ENGINE S/N PCE-BH0037							#2 ENGINE PCE-BH0034							INITIALS	Oil Press
DATE	A/CTT	PA	OAT	TOT	N1	TQ	MAX TOT	MARGIN	MAX N1	MARGIN	TOT	N1	TQ	MAX TOT	MARGIN	MAX N1	MARGIN		
12/18/14	540.5	500	12	650	87.1	80	712	+62	89.9	+2.8	663	86.8	80	712	+49	89.9	+3.1	TL	Oil Press
6/15/15	549.5	800	24	698	89.3	80		+698		+89.3	705	89.1	80	0	+705	0.0	+89.1	TL	74 / 75
7/13/15	560.6	1450	21	683	88.8	80	745	+62	91.5	+2.7	693	88.6	80	745	+52	91.5	+2.9	BK	
7/15/15	571.0	1220	22	691	89.3	80	747	+56	91.5	+2.2	699	89.1	80	747	+48	91.5	+2.4	JB	
7/19/15	580.5	2300	30	710	89.8	80	775	+65	92.3	+2.5	711	89.6	80	775	+64	92.3	+2.7	JHJ	
7/22/15	590.9	1240	27	700	89.7	80	760	+60	92.0	+2.3	705	89.5	80	760	+55	92.0	+2.5	BK	72/75
7/25/15	600.8	1200	25	701	89.7	80	755	+54	91.7	+2.	709	89.4	80	755	+46	91.7	+2.3	JAB	70/ 74
7/30/15	610.5	1200	28	711	90.1	80	758	+47	91.7	+1.6	714	89.2	80	758	+44	91.7	+2.5	RMS	74/73
7/31/15	611.5	1100	25	704	89.5	80	755	+51	91.7	+2.2	710	88.9	80	755	+45	91.7	+2.8	BAK	
8/3/15	622.2	1250	25	697	89.8	80	755	+58	91.7	+1.9	700	89.1	80	755	+55	91.7	+2.6	JAB	75/75
8/8/15	634.2	1260	25	709	89.8	80	755	+46	91.7	+1.9	710	89.5	80	755	+45	91.7	+2.2	JWK	77/75
8/11/15	645.9	1000	26	702	89.4	80	755	+53	91.5	+2.1	718	89.4	80	755	+37	91.5	+2.1	RMS	74/73
8/14/15	655.4	1100	36	722	90.2	80	775	+53	92.5	+2.3	739	90.2	80	775	+36	92.5	+2.3	BAK	75/76
8/17/15	665.5	1100	20	686	88.9	80	740	+54	91.2	+2.3	702	88.4	80	740	+38	91.2	+2.8	JAB	76/75
8/22/15	677.1	1400	22	694	89.1	80	745	+51	91.5	+2.4	712	89.0	80	745	+33	91.5	+2.5	BAK	74/75
8/24/15	689.0	1150	18	684	88.5	80	735	+51	91.0	+2.5	700	88.4	80	735	+35	91.0	+2.6	BAK	75/75
8/28/15	702.0	1240	26	704	89.6	80	760	+56	92.0	+2.4	713	89.4	80	760	+47	92.0	+2.6	BAK	74/75
8/30/15	712.1	1280	27	704	90.0	80	755	+51	91.7	+1.7	712	89.6	80	755	+43	91.7	+2.1	jwk	74/74
9/3/15	723.4	1200	26	707	89.6	80	755	+48	91.8	+2.2	720	89.5	80	755	+35	91.8	+2.3	RMS	75/74
9/7/15	739.3	1150	26	699	89.1	80	755	+56	91.8	+2.7	712	89.0	80	755	+43	91.8	+2.8	BAK	75/74
9/12/15	750.3	1200	20	687	88.9	80	742	+55	91.2	+2.3	688	88.6	80	742	+54	91.2	+2.6	JWK	75/76
9/14/15	761.5	1400	22	695	89.1	80	748	+53	91.3	+2.2	705	89.0	80	748	+43	91.3	+2.3	RMS	74/74
9/16/15	774.5	1300	28	716	90.1	80	760	+44	92.0	+1.9	721	89.7	80	760	+39	92.0	+2.3	RMS	75/76
9/20/16	787.4	1200	23	696	89.3	80	750	+54	91.5	+2.2	703	89.0	80	750	+47	91.5	+2.5	JAB	75/76
9/27/15	797.2	1200	22	690	88.8	80	745	+55	91.3	+2.5	700	88.5	80	745	+45	91.3	+2.8	RMS	75/73
9/30/15	808.2	900	18	677	88.2	80	730	+53	90.5	+2.3	688	87.9	80	730	+42	90.5	+2.6	BAK	75/75
10/4/15	818.6	600	16	675	88.0	80	722	+47	90.5	+2.5	688	87.7	80	722	+34	90.5	+2.8	JAB	75/76
10/9/15	818.6	500	12	661	87.6	80	712	+51	90.0	+2.4	677	87.3	80	712	+35	90.0	+2.7	Jones	
10/11/15	829.0	1650	28	708	89.7	80	760	+52	92.0	+2.3	725	89.6	80	760	+35	92.0	+2.4	BAK	75/76
10/13/15	839.8	1300	15	671	87.8	80	730	+59	90.5	+2.7	690	87.8	80	730	+40	90.5	+2.7	BAK	75/75
10/17/15	852.1	800	20	670	87.9	80	735	+65	91.0	+3.1	680	87.4	80	735	+55	91.0	+3.6	JAB	65/75
10/20/15	863.5	1200	8	664	87.5	80	708	+44	89.5	+2.	663	87.3	80	708	+45	89.5	+2.2	RMS	75/76
10/26/15	876.6	950	8	662	87.5	80	710	+48	89.5	+2.	675	87.3	80	710	+35	89.5	+2.2	JAB	75/75
10/30/15	887.3	1360	10	671	88.0	80	715	+44	90.0	+2.	680	87.8	80	715	+35	90.0	+2.2	jwk	75/78
11/3/15	902.3	1300	12	670	87.8	80	712	+42	89.8	+2.	679	87.5	80	712	+33	89.8	+2.3	rms	75/75
11/10/15	915.6	1350	14	684	88.5	80	725	+41	90.5	+2.	685	88.4	80	725	+40	90.5	+2.1	jwk	76/78
11/15/15	925.6	1300	4	667	87.6	80	705	+38	89.3	+1.7	676	87.3	80	705	+29	89.3	+2.	rms	75/75

September		2016	A/C N91NM	S/N 22014			DAILY CYCLE COUNT			
DATE	ACTT		#1 Engine	PCE-BH0037			#2 Engine	PCE-BH0034		
		LANDING	#1 Eng TT	CT	PT	IMP	#2 Eng TT	CT	PT	IMP
1st	1618.9	3851	1618.9	3120	3271	1539	1618.9	2801	3249	1521
2nd	1618.9	3851	1618.9	3120	3271	1539	1618.9	2801	3249	1521
3rd	1623.3	3861	1623.3	3127	3279	1543	1623.3	2808	3256	1525
4th	1626.3	3872	1626.3	3136	3287	1546	1626.3	2817	3265	1529
5th	1630.0	3879	1630.0	3147	3295	1551	1630.0	2825	3273	1532
6th	1634.5	3887	1634.5	3153	3301	1554	1634.5	2831	3279	1536
7th	1637.4	3893	1637.4	3158	3306	1557	1637.4	2835	3284	1538
8th	1640.5	3901	1640.5	3165	3313	1560	1640.5	2844	3291	1541
9th	1648.8	3921	1648.8	3186	3335	1570	1648.8	2861	3313	1551
10th	1653.1	3931	1653.1	3195	3344	1575	1653.1	2869	3322	1555
11th	1653.1	3931	1653.1	3195	3344	1575	1653.1	2869	3322	1555
12th	1657.2	3945	1657.2	3205	3352	1579	1657.2	2877	3329	1559
13th	1659.1	3951	1659.1	3214	3357	1581	1659.1	2883	3335	1562
14th	1662.6	3959	1662.6	3225	3366	1585	1662.6	2889	3344	1566
15th	1665.3	3968	1665.3	3236	3375	1586	1665.3	2891	3353	1568
16th	1668.3	3965	1668.3	3241	3381	1591	1668.3	2902	3359	1572
17th	1670.8	3971	1670.8	3249	3387	1593	1670.8	2906	3365	1575
18th										
19th										
20th										
21st										
22nd										
23rd										
24th										
25th										
26th										
27th										
28th										
29th										
30th										
Totals	51.9	120	51.9	129	116	54	51.9	105	116	54