

# AGUSTA BELL 412 CC 09 – eng cc01

## AIRCRAFT CHARACTERISTICS AND STATUS

<b>REGISTRATION</b>	CC 09
<b>SERIAL NUMBER</b>	MM 81313
<b>YEAR OF CONSTRUCTION</b>	1988
<b>ENGINE Type XXX1</b>	Pratt & Whitney PT6T-6
<b>ENGINE #1 s/n</b>	CP-PS 72511
<b>ENGINE #2 s/n</b>	CP-PS 72512
<b>AIRFRAME TOTAL TIME</b>	3770
<b>ENGINE 1 TSN</b>	2373:30
<b>ENGINE 2 TSN</b>	2373:30
<b>P&amp;W GEARBOX TSO</b>	2373:30
<b>AVAILABLE</b>	IMMEDIATELY

## AVIONICS

The Helicopter is certified for IFR flights with 4 axis autopilot and the avionics installed includes:

- VHF/COM 1 Marconi ART 151
- VHF/COM 2 Trig TY91
- AUDIO SYSTEM
- NAV 1 Collins VIR 31A
- NAV 2 Collins VIR 31A
- RADIO ALTIMETER GF A6141
- TRANSPONDER ITALTEL SIT 421-A
- Artificial Horizon Pil and Co-pil.
- HSI Ind. Pil. And Co-pil. Astronautics 129400-3
- Attitude Indicator Astronautics 134080
- DME Collins DME 40
- Autopilot Honeywell SP711

## OPTIONALS

- WINDSHIELD WIPERS
- AUX FUEL TANK
- CARGO HOOK PROVISIONS
- UTILITY CONFIGURATION
- POP OUT WINDOWS
- HOIST PROVISIONS
- EXT LOUD SPEAKER PROVISIONS
- FLOATS PROVISION
- Portable GPS Garmin Aera 760

## MAIN COMPONENTS TIME

Airframe	P/N	S/n	Life HRS	TBO HRS	Remaining HRS
M/r Blade	412-015-300-109	Amr07339 Amr60528 Amr60466 Amr07382	O/c	-	O/c
Main Rotor Hub assy	412-010-100-151	Em0070	-	O/c	O/c
M/r Yokes x 2	412-010-101-127	Em0163 Em0162	4500 4500	-	2178 2178
M/r Spindles x 4	412-010-190-103	Em0374 Em0299 En24165 Em0180	5000	-	2678 3042 4725 4478
M/r pitch horn x 4	412-010-149-111	Em0752 Em0735 Em0743 Rm0750	10000	-	2678 2678 2678 2678
Retention Bolt x 4	412-010-124-109	Q330 P292 Q326 P275	5000	-	4730 4730 4730 4730
Retention Bolt exp x 4	412-010-137-103	SL4684 SL2611 SL4686 SL2313	5000		4765 4730 4730 4765
Damper Bridge x 4	412-010-185-109	Em0324 Em0294 Em0298 Em0302	15000	-	12678 12678 12678 12678
Damper Bridge x 4	412-010-170-105	RD8730 RD8715 RD8700 RD8731	10000/15y	-	New New New New
Pivot Bearing x 4	412-010-106-101	-	O/c	-	O/c
Fitting x 4	412-010-111-103	Em3909 Em0312 Em0281 Em0310	5000	-	2678 2678 2678 2678
Splined plate	412-010-177-101	Em0070	10000/80000cy	-	9890/54746 cy
Drive pin x 8	412-010-166-101	L145 L151 D99549 D54514 D54517 D54508 D54523 D54515	10000	-	9890 9890 9890 9890 9890 9890 9890 9890
Upper cone set	412-010-186-101	Em0013	10000	-	9890
Lower cone set	412-018-056-103	Em070	10000	-	9890
M/r Mast assy	412-040-366-105	107	-	5000	2932
M/r Mast shaft	412-040-101-117	A0132	10000/80000cy	-	7932/ 39080cy

Swashplate and support assy	412-010-402-105	0089	-	2500	2230
Hub and sleeve assy	412-010-401-107	072	-	2500	1730
Pitch link tube x 2	412-010-425-135	A076 A074	5000	-	1230 1230
Pitch link tube x 2	412-010-425-133	A104 A103	5000	-	1230 1230
Pitch link rod bearing x 4	412-010-182-101	NH12244 NH13477 NH12202 NN14760	5000	-	4630 4630 4630 4630
Swashplate link Bearing x 4	412-310-400-101	Nn3433 Nn3425 Nn3439 Nn3423	5000	-	2931 2931 2931 2931
Swashplate link tube x 2	412-010-406-115	P232 P321	5000	-	4730 4730
Drive Hub assy	412-010-445-101	A1-00178	10000	-	7601
Rephasing lever x 2	412-010-403-113	A0552 A0558	5000	-	1938 1938
Rephasing lever x 2	412-010-403-117	A0406 A2-0733	5000	-	4231 4231
Drivelink Assy x 2	412-010-405-109	A4/0046 A4/0047	5000	-	4865 4865
Outer Ring	412-010-407-105	A0093	10000	-	9730
Support Assy	412-010-453-105	A0136	5000	-	2330
Gimbal ring	204-010-404-1	A0267	9000	-	6330
Collective sleeve	204-011-408-107	29	9000	-	
Collective lever assy	412-010-408-101	-	10000	-	6930
MGB	412-040-004-109	83	-	5000	3656
Engine – MGB shaft	212-040-005-103	D66279	-	3000	2519
Rotor brake quill	212-3101-22-9	380	-	1800	1155
Shaft	212-040-005-103	D66279	-	3000	
Intermediate Gearbox	212-040-003-23	590	-	5000	2931
Adapter coupling	412-040-625-101	-	5000	-	2330
Tail Rotor gear box	212-040-004-109	582	-	5000	4730
Adapter coupling	412-040-625-101	-	-	5000	2330
T/r hub assy	212-011-701-125	Em0182	5000	2500	3681
T/r Yoke	212-011-702-1	Em0183	5000	-	2617
Tail Rotor Blade #1	212-010-750-9FM	1643	5000	-	3930
Tail Rotor Blade #2	212-010-750-9FM	1644	5000	-	3930
T/r Ds hangers x 4	212-040-600-005	1766 2698 1227 2721	-	3000	881 1931 1475 -
Engine Fire bottle	209-062-908-105	39897b1	-	5 y	Oct 2028
Engine Fire bottle	209-062-908-105	37021b1	-	5 y	Oct 2028
Cartdridge fire ext x 2	209-062-908-15	-	-	4 y	Oct 2027

Cartdridge fire ext x 2	209-062-908-19	-	-	4 y	Oct 2027
Portable fire ext x 2	AW003ZE02	09-2023/04601 09-2023/04593	10 y		New New
T/r Ds coupling	412-040-601-101			5000	
Main Servo #1	212-076-005-103	91CG	-	2500	1600
Main Servo #2	212-076-005-105	688	-	2500	2002
Main Servo #3	212-076-005-111	Nnhr-10599h	-	2500	2103
Tail Servo	212-076-004-5		-	O/c	-
Starter Generator #1	209-060-221-001	12457	-	1000	1000
Starter Generator #2	209-060-221-001	12329	-	1000	816
<b>Engines</b>					
Gearbox TSN 2373	3024780	6271	-	4000	1627
Tq Control	3244706-6	A65873	-	4000	1627
Gov #1	2524999-4	A95764	-	4000	516
Gov #2	2524999-4	A61706	-	4000	1627
PS #1 TSN 2373	3024700	72511	-	4000	1627
PS #2 TSN 2373	3024700	72512	-	4000	1627
AFCU #1	3244735-14	C15157	-	6000/6y	Overhauled 6000h/6y
MFCU #1	3244736-8	C16226	-	4000	2869
Oil to fuel Heater #1	10544d	Wa5805	-	4000	3730
Flow divider #1	3019906	14080	-	4000	2173
Fuel Pump #1	02577-300-07	Pe6171	-	4000	3292
Oil to fuel Heater #2	10544d	2390	-	4000	3070
Flow divider #2	3019906	11397	-	4000	1627
Fuel pump #2	02577-300-07	Pe8747	-	4000	3561
MFCU #2	3244736-8	B17214	-	4000	1339
AFCU #2	3244735-14	B14676	-	6000/6y	Overhauled 6000h/6y
Starter Generator #1	209-060-221-001	12329	-	1000	Overhauled – 1000h
Starter Generator #2	209-060-221-001	12457	-	1000	Overhauled – 1000h