

AP500 for the AERO1000 system

Maintenance works	AP 500 service All 500 hours
Oil change 0,9l Mobil1 FS 0W-40 full synthetic engine oil	•
Oil filter cleaning	•
Check magnet at drain plug for magnetic debris	•
Check valve clearance conform to the technical sheet	•
Check wear of camshaft and chain-wheel(s)	•
Replace spark plug (P9) and exhaust springs (Q3)	•
Replace air filter (Y19) and oil filter screen (G4)	•
Remove and clean out external oil tank	•
Optical check of the complete engine incl. exhaust silencer and primary tube	•
Change drive belt (Z403)	•
Replace the 6 shock absorber rubbers (T3) in propeller hub	•
Replace clutch friction plates (L22) and check drum condition	•
Complete engine re-build at the local dealer	•

This service plan can only be used as a guideline and is not binding. Although it is based on the technical experience of the manufacture and can be altered at any moment.

All parts defined as “wear and tear” such as clutch, belt, drive train bearings, rubbers and air filter etc. are not part of the service schedule and should be replaced when necessary.

Above listed summary is not limitative.

Note: In case of significant power loss, stop the engine ASAP and contact your local dealer.

Complete engine rebuild contains following parts:

Valve lifter (4 x B12)	Clearance shim (4 x B11)	Gasket, cylinder (C2)
Retainer set, valve springs (B8)	Valve, IN (2 x B4)	O-ring, cylinder (C3)
Valve collets set (B10)	Valve, EX (2 x B5)	Conrod assembly (E2)
Valve spring set (B7)	Gasket, chain tensioner (B21)	Bearing set, crankshaft (E3)
Oil seal set, valve stem (B6)	Piston (D1)	Bearing holder set, crankshaft (G11)
Valve spring pressure washer set (B9)	Piston rings (D2)	Oil seal, crankshaft (G7)
Oil seal, crankcase cover (H3)	Gudgion pin (D3)	Oil valve assembly (G10)
Oil sieve (G4)	Clip set, piston (D4)	Oil seal assembly, water pump (I4)
Fixing bolt set bearing hangers (B17)	Bearing balancing shaft (2 x F2)	Oil drain plug (G2)