DAR Solo		Checks and Regular Maintenance by hours or seasons																											
	Hours	2	10	12.5	25	37,5	50	62,5	75	87,5	100	112,5	125	137,5	150	162,5	175	187,5	200	212,5	225	237,5	250	262,5	275	287,5	300	6 m	1 year	5 year
DESIGNATION	ATTENTION to:																													
Fuel filters																														
Fuel filter control					x		x		x				x		x		x				x		x		x					
replacement fuel filter											x								x								x	x	x	x
Inspection Fuel lines					x		x		x		x		x		x		x		x		x		x		x		x	x		
change fuel lines																													x	x
Checks of fuel pump	between 0,2 and 0,5 bar								x						x						x						x	x	x	x
Carburator																														
Cleaning carburetor and throttle control							x				x				x				x				x					x	x	
Control and adjustment																														
controls	check for play	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	
RPM on idle run	2 000 tr/min	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	
Max RPM on ground	7000 tr/mn	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	
Max RPM on take off	7400 tr/mn	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	
replacment needle and jets															x															
lubricating power control cables	lubrication				x		x		x		x		x		x		x		x		x		x		x		x	x	x	x
cleaning and oiling air filter	cleaning, fixation				x		x		x		x		x		x		x		x		x		x		x					
Replacement air filter																											x	x	x	x
Ignition																														
Inspection spartk	brownish	x		x		x		x		x		x		x		x		x		x		x		x		x				
replacement sparks	BR8ES / 2.7 mkg				x		x		x		x		x		x		x		x		x		x		x		x	x	x	x
Ignition control	connecting, oxydation				x		x		x		x		x		x		x		x		x		x		x			x	x	
control and cleaning spark caps	4.5 / 5.5 kOhms			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	
Exhaust system																														
tighten the screws on the exhaust manifold	22 Nm (2.2 mkg)	x	x				x				x				x				x				x					x	x	
lubrication of joints exhaust					x		x		x		x		x		x		x		x		x		x		x		x	x	x	x
Replacement springs exhaust									x						x						x						x			x
Reduction and Starter																														
checks reduction belt	cracks, fixations		x								x								x								x	x	x	x
monitoring, control gear belt wheels					x		x		x		x		x		x		x		x		x		x		x		x			x
Inspection of fixing the starter	cracks, fixations				x		x		x		x		x		x		x		x		x		x		x		x	x	x	
control pinion electric starter							x				x				x				x				x					x	x	
crown control electric starter							x				x				x				x				x					x	x	
Propeller																														
propeller balancing and control (tracking)	maxi 2.5 grammes				x		x		x		x		x		x		x		x		x		x		x		x	x	x	x
clamping control screw fixation	2.5 et 1mkg				x		x		x		x		x		x		x		x		x		x		x		x	x	x	x
cylinder head																														
Inspection of the cylinder head	< 0.5 mm						x				x				x				x				x							
inspection free movement of segments							x				x				x				x				x							
control piston diameter	cf table						x*				x*				x				x*				x							
segments: control of the game to cut	maxi 1 mm						x*				x*				x				x*				x							
rectangular segments: control of axial	maxi 0,2 mm						x*				x*				x				x*				x							
control the diameter of the cylinders	cf table						x*				x*				x				x*				x							

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cylinder: control of ovality	cf table						x*				x*				x				x*				x							
replacement gaskets,cylinder head, exhaust and other	check						x*				x*				x				x*				x							
Inspection of the axes of the pistons	> 17,97 mm														x															
Inspection of bearing rods															x															
crankshaft																														
Inspection of crankshaft	maximum runout 0,03 mm														x															
ext spinnaker replacement joints if necessary															x															
General revision engine																											x(1)			x
engine section																														
inspect the engine mount	cracks, corrosion						x				x				x				x				x				x	x	x	x
inspect engine blocks elestic fixation	cracks, fixing				x		x		x		x		x		x		x		x		x		x		x			x	x	
change engine blocks elestic fixation																											x			x
inspect the entire engine exhaust	cracks, corrosion	x			x		x		x		x		x		x		x		x		x		x		x		x	x	x	x
inspect the electrical wiring	connetion, oxydation	x			x**		x**		x**		x**		x**		x**		x**		x**		x**		x**		x**		x**	x	x	x
inspect the battery, terminals, ferry	fixation, connecting				x**		x**		x**		x**		x**		x**		x**		x**		x**		x**		x**		x**	x	x	x
cockpit																														
inspect the fuel tank, fixation	fixation				x		x		x		x		x		x		x		x		x		x		x		x	x	x	x
inspect the fuel cap and hoses	connecting	x			x		x		x		x		x		x		x		x		x		x		x		x	x	x	x
inspect window	cracks, fixation				x		x		x		x		x		x		x		x		x		x		x		x	x	x	x
inspect safety belts	cracks				x		x		x		x		x		x		x		x		x		x		x		x	x	x	x
inspect the elevator control	fixation, lubrication				x		x		x		x		x		x		x		x		x		x		x		x	x	x	x
grease the ball joints	lubrication				x		x		x		x		x		x		x		x		x		x		x		x	x	x	x
inspect the aileron control	fixation, tension				x		x		x		x		x		x		x		x		x		x		x		x	x	x	x
Fuselage																														
inspect the condition of coating aluminum	corrosion, cracks						x***				x***				x***				x***				x***				x***	x	x	x
inspect the condition of composite parts	corrosion, cracks						x***				x***				x***				x***				x***				x***	x	x	x
inspect fasteners Component Management	fixation				x		x		x		x		x		x		x		x		x		x		x		x	x	x	x
Lubricate hinges Component Management	lubrication				x**		x**		x**		x		x**		x		x**		x		x**		x		x**		x**	x	x	x
inspect the controls	cable fixing				x		x		x		x		x		x		x		x		x		x		x		x	x	x	x
Lubricate the cables controls	lubrication				x**		x**		x**		x		x**		x		x**		x		x**		x		x**		x**	x	x	x
Landing gear																														
inspect composite spring	Cracks				x		x		x		x		x		x		x		x		x		x		x		x	x	x	x
Tightening the screws					x		x		x		x		x		x		x		x		x		x		x		x	x	x	x
inspect tires	condition				x		x		x		x		x		x		x		x		x		x		x		x	x	x	x
check tire pressure	between 2,0 et 2,2 bars				x**		x**		x**		x**		x**		x**		x**		x**		x**		x**		x**		x**	x	x	x
make clean wheels and brake disk	cleaning														x***												x***	x	x	x
inspect the nose wheel	fixation				x		x		x		x		x		x		x		x		x		x		x		x	x	x	x
grease the axis of the nose wheel	lubrication				x**		x**		x**		x**		x**		x**		x**		x**		x**		x**		x**		x**	x	x	x
inspect spring dampers nose wheel					x		x		x		x		x		x		x		x		x		x		x			x		
change spring dampers nose wheel																											x***		x	x

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Wings																														
inspect the condition of coating aluminum	corrosion, cracks						x***				x***				x***				x***				x***				x***	x	x	x
inspect the bolts fastening wings	fixation, corrosion				x		x		x		x		x		x		x		x		x		x		x			x	x	
change the bolts fastening wings																											x			x
inspect the bolts fastening stays	fixation, corrosion				x		x		x		x		x		x		x		x		x		x		x		x	x	x	
change the bolts fastening stays																											x			x
inspect the aileron control	fixation, tension				x		x		x		x		x		x		x		x		x		x		x		x	x	x	x
inspect the aileron hinge	fixation				x		x		x		x		x		x		x		x		x		x		x		x	x	x	x
Lubricate hinges fins	lubrication				x**		x**		x**		x**		x**		x**		x**		x		x**		x**		x**		x**	x	x	x
grease the aileron controls	lubrication				x**		x**		x**		x		x**		x		x**		x		x**		x		x**		x**	x	x	x
inspect the component commands	fixations				x		x		x		x		x		x		x		x		x		x		x		x	x	x	x
inspect the good condition of the pitot tube	clean and fixation		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
		x(1)	or every 5 years			x*	if utlisation under very dusty conditions							x**	or every 6 months			x***	or every 1 year			(a)	if the cylinder has been removed							