

ARF Supplemental Instructions

These instructions are to supplement the regular Hawk III instruction manual and to assist as some disassembly is required to install all necessary components. Open the large containing the tail components & servo linkages. Lay out these components for easy identification. Follow the numbered steps, for those who purchased the CN1007 ARF with O.S. 32 Engine and Muffler, skip over steps 16, 17, 21, 23.

CN1006 ARF w/o engine

Step 16, follow the instructions for installing and assembling the clutch, fan and cooling fan onto the engine.

Step 17, follow the instructions for installing the engine mount and set up the carburator as specified.

Step 21, before installing the engine into the mechanics only remove the following screws (from both side of the helicopter): forwardmost top 3x16mm Cap Screw, the lower 3x20mm Cap Screw with locknut inside the fan shroud and the 3x10 Self Tapping screw for the fan shroud. Drop the cooling fan shroud out and transfer to the engine, remove the engine needle valve and retainer clip and rotate the complete servo tray assembly forward to install the engine assembly. Skip to Step 24-25 and install the collective and throttle servos. The engine needs to be tilted as it is installed and make sure the drive gear meshes with the counter gear. Align with the counter gear and replace all screws, remember to locktite the upper frame screws. Replace the main needle valve and retainer, close the needle down and open to 1 1/4 turns.

Continue with Steps 23-45°

CN1007 ARF with OS 32SX-H & Muffler

Step 23, attach the muffler to the engine, using screws provided with the muffler. Simply tighten the bolts using threadlock but retighten after running the engine for several minutes on the first flight.

Step 24-25, Install the collective and or throttle servo from the inside as noted.

Step 28, Using JB Weld or equivalent epoxy, **bond** the lock ring to the brass slider tube. Bypassing this step will result in a failure.

Step 33, follow regular instructions for the rudder pushrod.

Step 35-45, follow each step as indicated to finish assembly.

Pushrod Bag		Clutch Bag (1006 only)		Packing List	
				#1007 &	
				#1006	
Fuel Line	1	Clutch Shoe	1		
Rod - Aileron M2x128	2	Clutch Bell w/Gear	1		
Rod - Elevator M2x105	2	Oilite Bearing M12x18x3	2		
Rod - Coll/Swash M2x80	3	Cooling Fan	1		
Rod - Throttle M2x75	1	Engine Mount	1		
		M3x16 Socket Cap Screw	8		
M4x30 Socket Cap Screw	2	M3x11 Flat Washer	4		
M4 Locknut	2	M5x13 Flat Washer	1		
M2.3x10 Servo Screw	20	M9x14 Flat Washer	1		
M3x25 Socket Cap Screw	5				
M3 Locknut	5	Tail Fittings Bag		In Box	
M2x6 Self Tapping Screw	6	Frame Strut Fitting	1	Main Mechanics Ass.	1
Hex Key M1.5	1	Fin Strut Fitting	1	Tail Boom Assembly	1
Hex Key M2.0	1	Horizontal Fin Mount	1	Instruction Manual	1
Hex Key M2.5	1	Pushrod Guide	3	Registration Card	1
Long Ball Link	8	M3x30 Socket Cap Screw	2	Canopy	1
Throttle Extension	1	M3 Locknut	2	Windshield	1
Steel Ball w/ 2mm Thread	7	M3x15 Self Tapping Screw	2	Decal Sheet	1
M2 Hex Nut	14	M3x12 Self Tapping Screw	3	Main Rotor Blades	1
Tail Pushrod Connector	1	M3x7 Flat Washer	1	Antenna Plastic Tube	1
		Canopy Thumb Screw	2	Short Rudder Pushrod	1
Horizontal Fin	1	Inside Canopy Mount	1	Long Rudder Pushrod	1
Vertical Fin	1	M3x6 Self Tapping Screw	2	Tailboom Strut	1