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MODEL KIT REPORT

A challenging build comes to life



Welcome to 2023! Let's check in on the progress with the Model Airways Clerget 9B WWI Rotary Engine kit from HobbyTyme.

Primer. It's water-based, so it's pleasant to work with, without any noxious fumes.

I applied it straight out of the bottle at 20 PSI with an Iwata Takumi Eclipse ECL 350T. It went down smoothly and dried to a durable finish. The Takumi is the redesigned Eclipse side feed with a more responsive and easy-to-clean gravity feed cup. Then the Metal Acrylic Color A.MIG 195 Silver went down for the base coat. It also sprayed smoothly and dried to a durable finish.

I detailed the veins on the cylinder heads and engine back assembly with A.MIG 032 Satin Black mixed with 2017 Transparator and a #2 sable paintbrush.

Sable paintbrushes have much longer lives if you take care of them. The Transparator mixes with any of AMMO's acrylic paints to make them as transparent as desired. I used a small, cupped pallet, with one cup for the Transparator and another for Satin Black. The mix went down well with the brush, too. AMMO is a versatile paint.

The Transparator worked as expected. The metal underneath was able to show through the finish. It was already taking on a real engine look!



The engine is ready to roar to life!



The Transparator solves painting problems.

Build Log Part 44 Clerget 9B

After hours of cutting, filing, sanding and assembly, it's time to start painting the Model Airways Clerget 9B WWI Rotary Engine kit from HobbyTyme. This build really came to life with colorful paints. I used AMMO paints by MIG, which are also available from HobbyTyme.

The selection of products from AMMO is vast, with a full range of primers, colors and metallics in water-based and solvent-based paints. There are sets of detailing products specifically chosen for various needs. More on those later. The paint bottles have agitator balls inside to help with mixing, ensuring smooth color application and reducing frustration for model builders.

First, let's start with the A.MIG 2024 Grey One Shot



A fine brush is a necessity for the engine details.



First stage of the valve rods.



Details merge on the Clerget's cylinders.



Protect fragile paint with Parafim.



A brand new engine on the stand.

The induction pipes got a base coat of A.MIG 199 Copper. I mixed the Satin Black with the Transparator, tinged with A.MIG 080 Bright Green to give them a tarnished look.

To make adding black to the cylinder heads easier, I left the tappets and valve rods off for the first two painting steps. These were added using BSI Extra Thick Instacure applied with a Flex-I-File #805 C/A Applicator. The tappets were put in place with curved, self-closing tweezers. I wish I had done more dry fitting. The tappets would have sat better had I drilled out the sockets more.

To protect the black in the cylinder heads, I carefully put Parafim

over them before installing the valve rods. The rods were cut from stock brass rods supplied with the kit using a pair of XURON 2193 Hard Wire and Cable Cutters.

A quick application of silver, and it looks like a new rotary engine at last!

I'll grime up the engine in this build log's next and final chapter using the MIG 7402 Engine Oil & Fuels Enamel Weathering Set. I'll finish shaping the prop, mount it and put the engine in its stand.

In the next Model Kit Report, I'll review two adhesives, a popular plastic putty and two new kits from Heartland Hobby Wholesale. **HM**

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