

# Hawker Hurricane - The Vintage Model Company

Designed as a free flight kit this 18" model is supplied with everything required, except a sheet of A4 printer paper and dope of your choice. It is beautifully presented; contains excellent instructions with a plan and background information; excellent wood selection and superbly accurate laser cutting.



Awaiting spinner and white decal paper!

The model is supplied liveried for the 527 Calibration Squadron based at Castle Camps in 1943 - hence the garish red.

The kit was a Christmas present from my Grandchildren. Naturally I chose to electrify it. I used an AR6410 'alike' Rx brick to provide rudder and elevator control. Then, because I had the bits, I added retracts using an HK sourced mechanical micro retract mechanism driven off a micro servo.



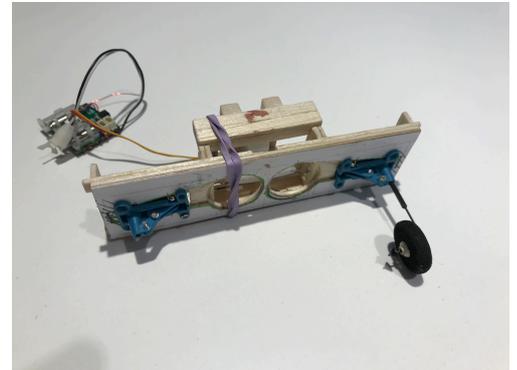
I took a punt on finished weight and have overpowered it possibly with a 10g brushless motor and 2S battery. On the other hand the finished all up weight of 77g compares very well with a similar sized eFlite UMX SBach. Yet to fly, yet to find out! Incidentally, finished for free flight the auw is likely sub 30g.

The guys at The Vintage Model Co don't encourage this sort of behaviour - the model is squarely aimed at free flight and

designed to give both novices and experts real building pleasure. I have to say, the design and product fulfil the brief better than any I have seen before, and this is my 7th small conversion.

Some modest strengthening was added for electrification - additional strip to enable moving surfaces; a couple of corner gussets for strength and surfaces for control horns to be attached. Hinges were formed with the covering.

The lower air intake provides a hatch to the Rx, and the battery is retained by a hatch formed as the open cockpit arrangement (tray; battery; cockpit 'interior' that slides in to lock).



More rugged stuff was added to the wing centre section for the retracts - a 1mm balsa plate; 1mm ply forward plate and 0.4mm ply leg reinforcement internally; along with 2 rib reinforcements and 2 additional riblets to enable the retract mechanism to clear the covering. Not a lot of weight (10g with fittings and servo), but the worst impact is likely to be from the resulting change to the centre section aerofoil.



The model is covered with Solite transparent red instead of the very nice tissue supplied, with the paper/covering process extended to behind the cockpit to imitate the standard Hurricane metal sheeting look. Insignia were downloaded from The Vintage Model Company and printed onto decal paper from MrDecalPaper.

All the electronics were sourced from Micron Radio Control.

*Ian McDowell, March 2020*