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Italeri's 1:12
Alfa Romeo 8C

**ISSUE
304**

February 2021
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Model MAGAZINE

www.doolittlemedia.com **INTERNATIONAL**



Tamiya's sublime 1:32 F4U-1A
Corsair in a Pacific dioramic setting

WHISTLING DEATH

INSIDE

Tamiya 1:48 Mosquito FB Mk.VI, Zvezda's new-tool M4A2 Sherman, Tamiya's classic 1:10 RC FAV plus new kits, books and modelling accessories...

DOOLITTLE
MEDIA



Porsche 935 MARTINI



1/12
SCALE

1976 World Championship
for Makes Champion

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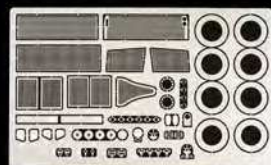
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The Build of a Lifetime

1/12 Big Scale Racing Car Series

Porsche 935 Martini (Item 12057)

Our 1977 model of the Porsche 935 Martini has long been a favorite of modelers across the globe, thanks to superlative detail that lives up to the stylish illustration from its packaging, shown above. With numerous minute depictions of various features across this stylish racing car, it provided an enthralling and educational experience. Now, this classic kit is back, and with new features that will make it even harder to resist: Cartograf deals with sumptuous color, and improved slick tires. Don't miss this opportunity to get your hands on the Porsche works car that triumphed in the 1976 World Championship for Makes, in 1/12 scale. It will be a truly rewarding build.



(Photo-etched parts)

Length: 395mm, width: 173mm,
height: 156mm (includes antenna)



Front hood is removable, allowing inspection of fuel tank, oil tank, battery and washer tank.

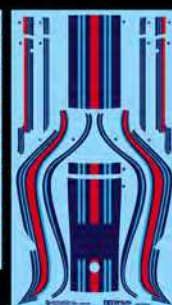


Opening doors show off the cockpit detailed with roll cage. The steering wheel turns the front wheels.



★Photo-etched parts are used for front spoiler air intake mesh, brake discs, and side radiator parts. ★Comes with a metal roof antenna. ★An opening engine hood gives access to the detailed 6-cylinder boxer engine, with depictions of turbocharger and even various cables and lines.

Underside features coil-sprung suspension with smooth motion, plus a realistic depiction of the engine bottom.



cartograf

High quality details are made by Cartograf.

Photo-etched buckles and faux cloth give realistic seatbelts.



★Images show assembled and painted kit. ★Product may vary from images shown.

TAMIYA, INC. 3-7 ONDAWARA, SURUGA-KU, SHIZUOKA 422-8610 JAPAN
Check Tamiya's homepage for the latest releases! [www.tamiya.com] ©2020 TAMIYA

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MARTINI, THE BALL AND BAR LOGO AND THE MARTINI RACING STRIPES ARE TRADEMARKS
Model is intended for adult hobbyists - not a toy.



COVER STORY

28 WHISTLING DEATH

Tamiya's 1:32 F4U-1A Corsair in the Pacific islands



38 UNDER THE COCONUT TREES

The new 1:35 M4A2 Sherman from Zvezda in a Pacific diorama



Model MAGAZINE INTERNATIONAL

Issue 304 February 2021

EDITORS Brett Green, Alan Harman
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IN BRIEF...



TAMIYA
- 1:32 Mini 4WD Iron Beak (VZ)
- 1:32 Mini 4WD Elephant Racer
hobbyco.net

AFV CLUB

- 1:35 Churchill Mk.VI
pocketbond.co.uk



DECALCAS

- 1:24 decals Porsche 935 Kremer K3 Wera Weissberg Team
- 1:24 decals BMW M6 GT3 Turner Motorsport
- 1:24 decals Porsche 917K Team Gunston
hiroboy.com



EDUARD

- 1:48 Spitfire Story: Tally Ho!
- 1:48 photo-etch Sikorsky HH-34J (Trumpeter)
- 1:35 photo-etch StuG III Ausf. G (Takom)
- 1:35 photo-etch Jagdtiger Detailing Set (Takom)
- 1:32 photo-etch Fokker Dr.I Steel (Meng)
creativemodels.co.uk eduard.com



ICM

- 1:35 WWII British Vickers MG crew (1)
- 1:35 WWII British Vickers MG crew (2)
- 1:35 WWII French Tank Crew
- 1:35 Chernobyl #4 Deactivators
- 1:35 BM-13-16 on WOT chassis w/Soviet crew
- 1:35 Model T RNAS Armoured Car w/WWI British Tank Crew
- 1:16 Polish Regiment Representative Officer
icm.com.ua



MENG

- 1:35 IDF Namer Heavy Israeli Armoured Personnel Carrier
tigerhobbies.co.uk



MINIART

- 1:35 German Tractor D8500 Mod.1938
creativemodels.co.uk

PARACEL

- 1:35 US 105mm Howitzer Crew Vietnam X5
paracelminiatures.com



RIICH MODEL

- 1:35 French Light Tank FCM-36
Search online

TAKOM/BLITZ

- 1:35 StuG III Ausf. G
pocketbond.co.uk



NEW FROM TAMIYA

1:35 RC Russian Medium Tank T-34-85 (w/Control Unit)

The T-34-85 (previously released as 48208 and 48210) gets an updated re-issue with a modern transmitter and control unit set. Features include forward and reverse motion, neutral turns, turret rotation and gun elevation. New assembly-type tracks allow depiction of track 'sag' without compromising the tank's motion, even at lower speeds. Requires four R03/AAA/UM4 batteries (sold separately) each for transmitter and model. www.hobbyco.net



NEW FROM BORDER MODELS

1:35 Crusader Mk.III latest images

This new-tool kit includes PE parts, movable suspension, workable tracks, Metal barrel and comes with five decal options. Available Jan/Feb 2021. www.umpretail.com



NEW FROM ICM

New kits coming soon and on release now

In 1:32, we have an all-new DeHavilland 82.A Tiger Moth, a subject close to the hearts of many British modellers! The second version of the Italian CR.42 Falco in Regia Aeronautica colours will please many. In 1:35 we have the interesting FCM-36 French Light Tank. www.icm.com.ua



NEW FROM TAMIYA

1:10 RC TB-05R Chassis Kit

The TB-05R takes the shaft-driven TB-05 PRO chassis and loads it with a heap of Hop-Up Options that include a carbon-fibre reinforced chassis, one-piece aluminium motor plate, aluminium steering arms, aluminium adjustable separate suspension mounts and much, much more. Requires a body, motor, tyres, RC equipment (transmitter, servo and ESC), battery pack and charger. www.hobbyco.net



NEW FROM EDUARD

1:72 Z-37A Čmelák ProfiPACK

This is Eduard's upgrades 'ProfiPACK' edition of their lovely 'Čmelák' (bumblebee) kit and will include the usual goodies such as PE and masking set. www.creativemodels.co.uk www.eduard.com



NEW FROM MENG

1:48 F/A-18E Super Hornet new-tool

An all new 1:48 F/A-18E Super Hornet is on the way from Meng! The kit will be highly detailed, going by previous releases from this manufacturer. www.meng-model.com

NEW FROM MENG

1:12 1966 Ford GT40 Mk.II

This is an all-new kit from Meng and will include a detailed replica of the mighty V8 and its complex exhaust system, seen here. www.meng-model.com





NEW FROM MINIART 1:35 German Traffic Tractor D8532

MiniArt's injection-moulded tractor kit will be ideal for WW2 dioramas set in Germany. Packed with detail!

www.creativemodels.co.uk



NEW FROM MP ORIGINALS

1:48 Enigma conversion, sets of fuel tanks with pipes for T-55

This new resin conversion set transforms Tamiya's recently released 1:48 T-55 tank into the Iraqi Army 'Enigma' up-armoured version. Looks like a challenging but fun project. Also available are the fender-mounted fuel cells. www.mn-modelar.com



NEW FROM PLATZ/NUNU 1:24 Audi Sport Four S1

Nunu/Platz's fantastic short-wheelbase Audi rally car will be on its way soon! www.hiroboy.com

NEW FROM REVELL 1:48 Sikorsky CH-53 GS/G

This is a classic Revell kit that has appeared as several versions in the past. Now, it has been issued in modern German army colours and it looks as impressive as ever. www.revell.de/en



NEW FROM REVELL 1:400 USS Enterprise CVN-65 (Platinum Edition)

In the box is a massively upgraded release of Revell's 1:400 USS Enterprise and includes a suite of photo-etched parts, plus machined brass items. www.revell.de/en



NEW FROM ZVEZDA 1:35 Typhoon K

Here are the latest images of the Typhoon K APC, on its way from Zvezda of Russia! www.hobbyco.net

NEW FROM ZVEZDA 1:48 Sukhoi SU-57 Russian fifth generation fighter

The SU-57 - NATO code 'Felon' - is a fifth generation Russian stealth fighter which will replace the proven SU-22 'Flanker' in the Russian Air Force. Decals for three Russian Air Force machines are included, plus a pilot figure. 249 parts. www.hobbyco.net



COMING SOON FROM EDUARD

- Brassin 1:72 Z-37A aerial applicator for Eduard
- Brassin LööK 1:48 P-38H LööK for Tamiya
- Brassin 1:48 Japanese torpedo Type 91
- Brassin 1:48 MiG-19 exhaust nozzles
- Brassin 1:48 P-38H cockpit for Tamiya
- Brassin 1:48 MiG-19 ejection seat for Eduard/Trumpeter
- Brassin 1:32 P-40E exhaust stacks for Trumpeter

www.creativemodels.co.uk
www.eduard.com



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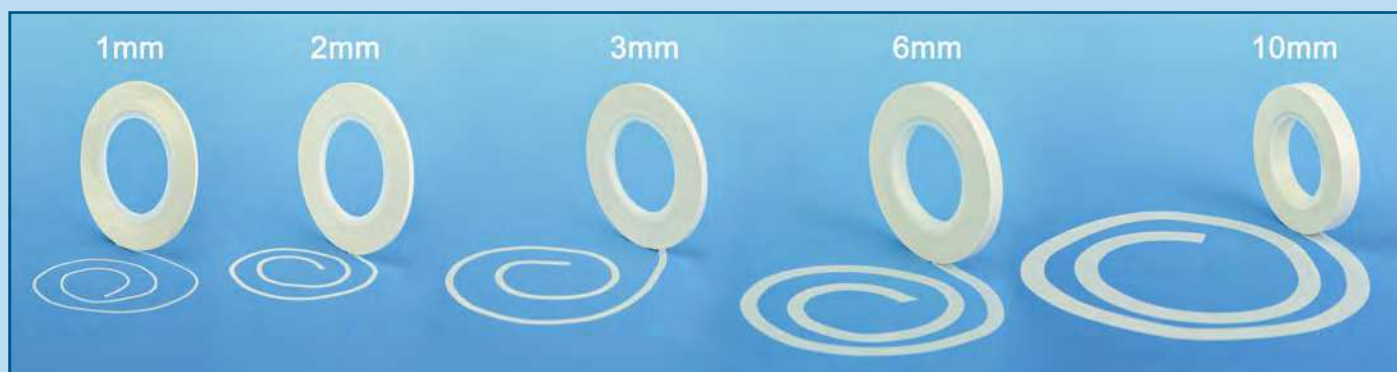
We have teamed up with our friends at Model Craft so we can offer you a special gift for subscribing with us for 24 issues.

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- Comes in twin packs, so you receive 10 packs
- 180m of masking mayhem!
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(Photocopies of this form are acceptable)

TAMIYA 49TH FIGURE REMODELLING CONTEST

2020 saw massive disruption to everyday life for many across the world, reflected in many of the entries for the 49th Figure Remodelling Contest. A number of creations paid tribute to legendary and much-loved entertainer Ken Shimura, who passed away with the virus in Spring, while numerous pieces have some relation to COVID-19



Gold Award

Creator:.....Kazunori Koide
Title: The Seven Gods of Fortune (for P)

Silver Award

Creator: Yuji Aoyama
Title: Awaiting Kirin

**Note: this is inspired by a popular historical drama on NHK (the Japanese version of the Beeb), and depicts three famous Japanese historical figures (Oda Nobunaga, Toyotomi Hideyoshi and Tokugawa Ieyasu) with the main character of the drama, Akechi Mitsuhide.*
https://en.wikipedia.org/wiki/Kirin_ga_Kuru#Plot



Bronze Award

Creator: Kunihiro Sato
Title: Ken Shimura

**Note: Ken Shimura was a famed entertainer, who sadly passed away with COVID-19*





Hot Topic Award

Creator: Naoto Okada
Title: Fuwa-chan

**Note: a Japanese YouTuber and recently a TV personality*



Hot Topic Award

Creator: Norio Mushiake
Title: No Attack, No Chance



Military Award

Creator: Kenichi Hizen
Title: Undercover Recon



Hot Topic Award

Creator: Akira Tanigawa
Title: Banksy – Girl with Balloon

Junior Award

Creator: Takumi Nakayama
Title: Das Reich 1944

Creativity Award

Creator: Sanetomo Nagayoshi
Title: Kissing 2020





Masterpiece Award

Creator: Shijiro Asaki
Titles: Game Changer / The Director of a Zoo

**Note: The Director of a Zoo also depicts Ken Shimura, mentioned in the Bronze awarded piece*



Masterpiece Award

Creator: Taro Osanai
Title: The Devil

Masterpiece Award

Creator: Kazuyoshi Kondo
Title: Children of Banksy



Masterpiece Award

Creator: Daisuke Sakata
Title: Division Langemarck



Masterpiece Award

Creator: Kenji Nagashima
Title: Cheers to Remote Partying



Masterpiece Award

Creator: Yoshimoto Namikawa
Title: Haruka Cutter

**Note: a famous actress copying the signature move of a minor Japanese comedian.*

Masterpiece Award

Creator: Shinichiro Matsumoto
Title: Ghost of Tsushima



Masterpiece Award

Creator: Yoshiaki Maruno
Title: Stay Home



Masterpiece Award

Creator: Kyousuke Morishita
Title: Caucasian in Russia 1942



Masterpiece Award

Creator: Hiroasa Yagi
Title: Tatsuhiko Shibusawa at Home

**Note: Shibusawa was a Japanese essayist and translator of French literature*

eduard

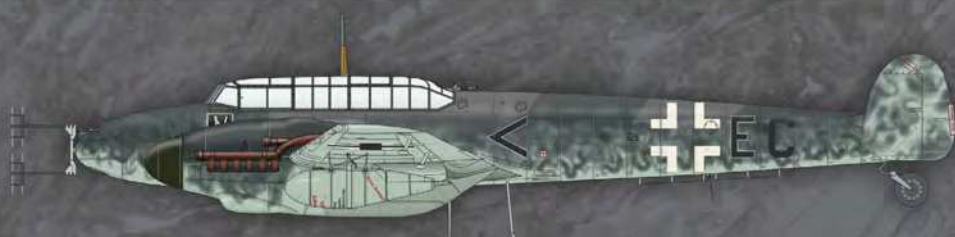
Bf 110G-4

1/48

ProfiPACK
edition

January 2021

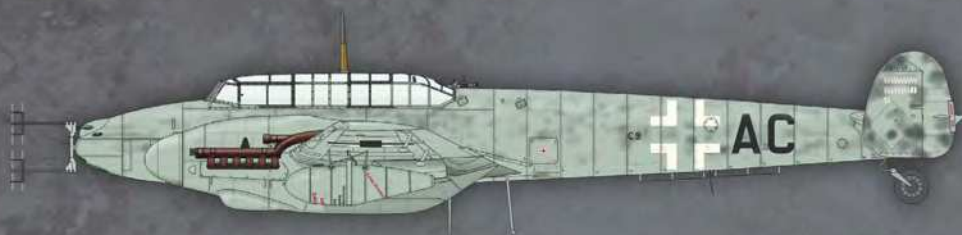
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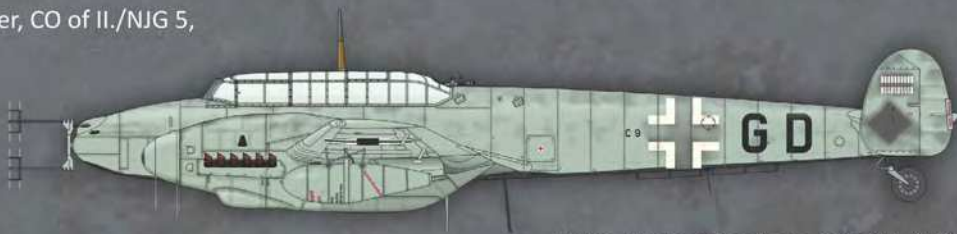
Lt. Heinz-Wolfgang Schnauffer, II./NJG 1, Saint-Trond, Belgium, April/May 1943



Maj. Helmut Lent, the CO of Stab NJG 3, Stade, Germany, September 1944



WNr. 740039, Oblt. Leopold Fellerer, CO of II./NJG 5, Parchim, Germany, January 1944



Hptm. Walter Borchers, CO of III./NJG 5, Neuruppin, Germany, January 1944



WNr. 5547, Ofw. Helmut Treynogga, 6./NJG 6, Echterdingen, Germany, March 1944

The de Havilland Mosquito is one of undisputed classic aircraft of World War Two. Its innovative plywood construction, combined with two powerful Rolls-Royce Merlin engines, an effective aerodynamic design and clean airframe make it a great success for the British wartime effort, and an inescapable icon for aviation enthusiasts, modellers and connoisseurs alike.

The airframe depicted in this article is MM417, a well known FB.Mk.VI fighter-bomber Mosquito which saw service at RNZAF 487 Squadron based in Hunsdon, Hertfordshire. It flew its last mission on March 26 1944, when it led the attack on the coastal defence sites under construction at Les Hayes, when it was hit by anti-aircraft fire. Commander Irving S. Smith was forced to make an emergency landing near Hunsdon which saved his crew, but the aircraft was destroyed. ▶

FROM THE HEART OF HERTFORDSHIRE

Carlos Morbidoni executes a masterful build of Tamiya's 1:48 De Havilland Mosquito FB.Mk.VI



FULL-BUILD: WORLD WAR TWO ALLIED AVIATION

TAMIYA 1:48 DE HAVILLAND MOSQUITO FB.MK.VI/NF.MK.II • KIT NO.61062

MODEL CONSTRUCTION

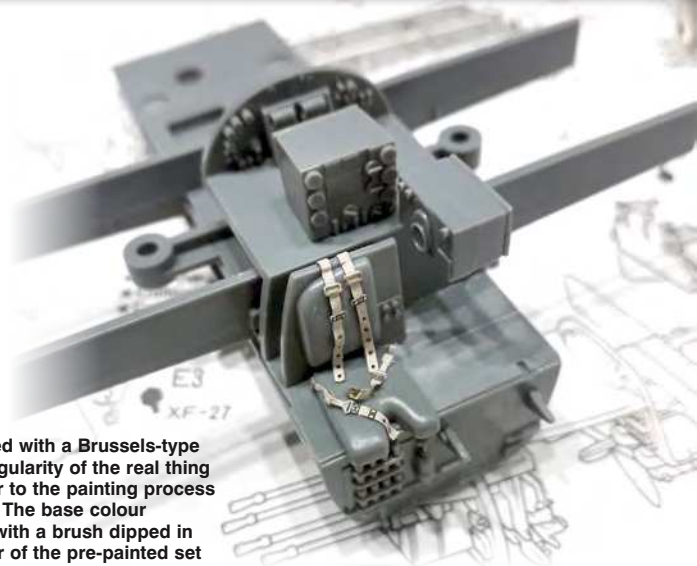
The superb Tamiya kit, issued for first time in 1998, does not present major difficulties during assembly and still maintains an almost perfect fit nowadays, not being necessary to use putty in almost any of its joints lines, with the exception of the interior joint line of both parts of the fuselage, to ensure the continuity of the cockpit surfaces.



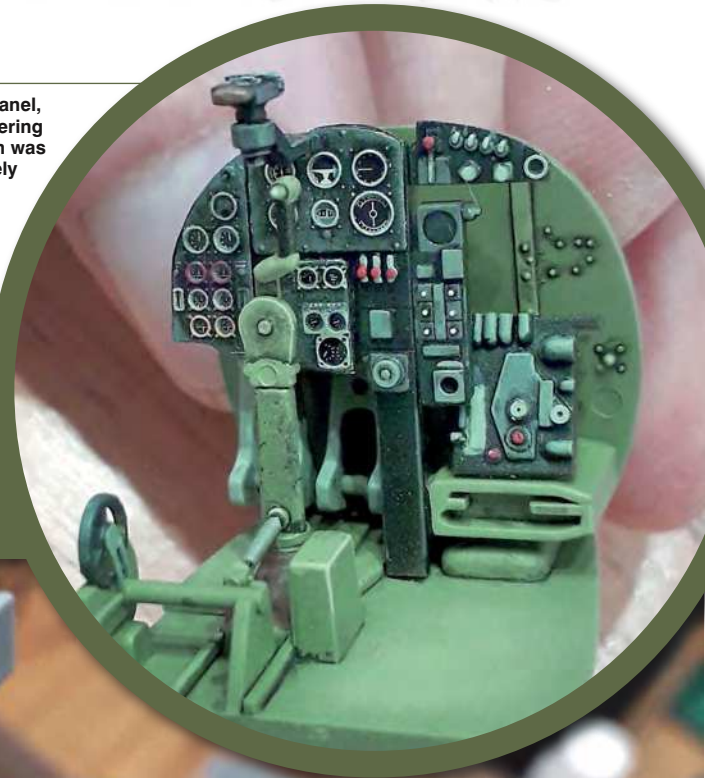
Some details were incorporated into the cockpit, mostly from Eduard's photo-etched set, stretched-sprue for the representation of cables, wound copper wire and 0.1 mm thick styrene



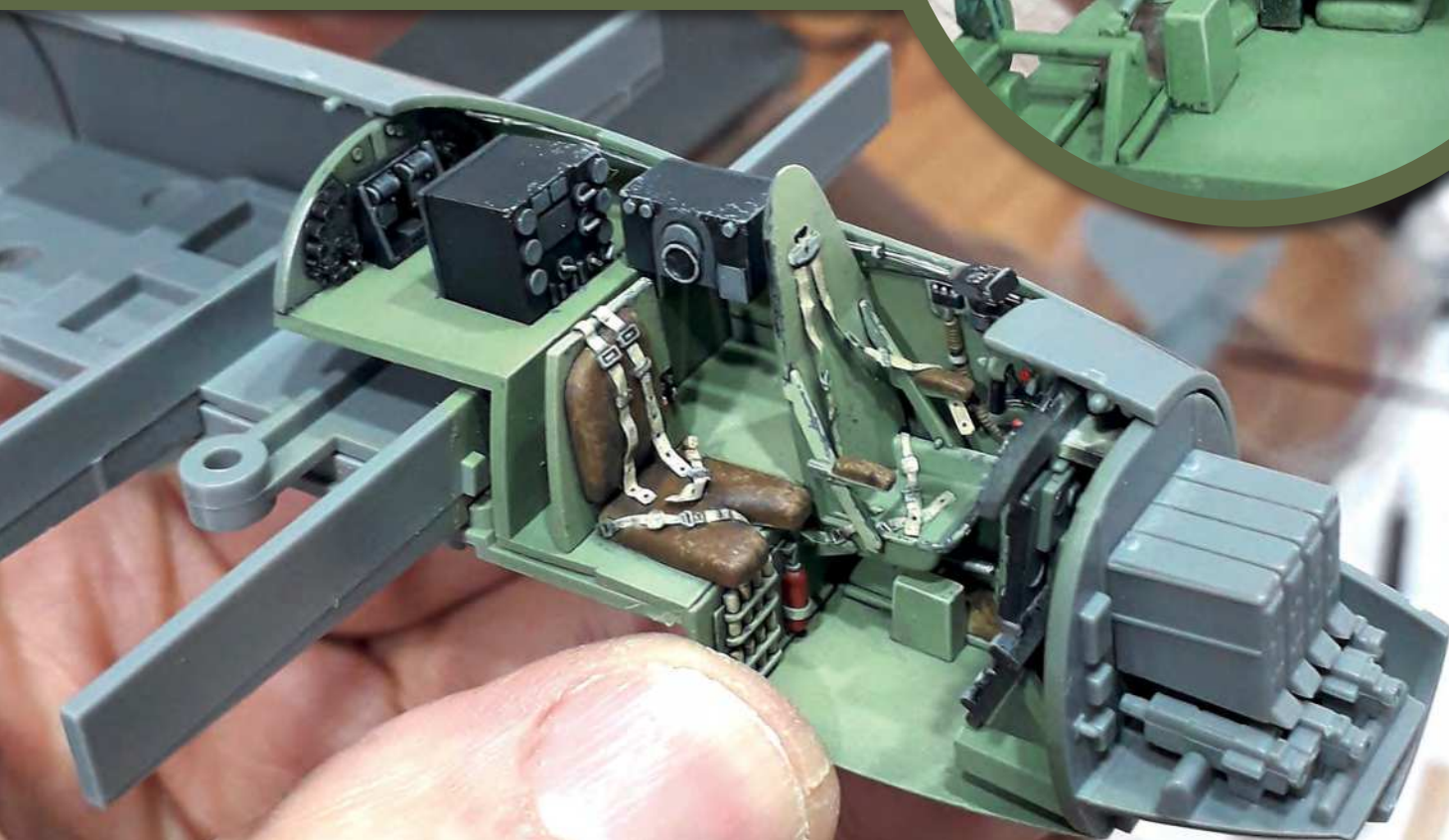
The photo-etched seatbelts were worked with a Brussels-type clamp to achieve the characteristic irregularity of the real thing and then glued with cyanoacrylate prior to the painting process in order to ensure a proper adherence. The base colour (Tamiya XF-71) can be easily removed with a brush dipped in alcohol, so revealing the original colour of the pre-painted set



For the large instrument panel, Eduard's photo-etched offering with its corresponding film was used, which was completely repainted with brushed acrylics. Then it was washed with black oils to enhance the etched relief



The cockpit in its finished painting stage. Vallejo acrylics were used with a brush to paint small details and washed with brown and grey oil paints in order to outline shapes and reliefs. The 'leather' effect was made with lightened reddish browns, applied with a sponge. Once the fuselage halves were glued together, the wings were assembled. The trailing edge was refined from the inside of each semi-circle to preserve surface details. The control surfaces of the stabilizers were cut to be placed in the 'active' position



MODEL PAINTING AND MARKINGS

The chosen subject features the standard three-colour camouflage characteristic of RAF fighter-bombers of the time. The painting process begins by painting the lower areas in Medium Sea Gray, for which Tamiya XF-83 was airbrushed. In order to distinguish the metal parts from the wooden ones, the former are painted with the colour slightly lightened with white (Tamiya XF-2).

The original decal sheet from the kit was used almost entirely for identification letters, serial and airframe stencils. Decals were placed using MicroSet for their correct location and MicroSol for their perfect adaptation to the surface. Before and after this process, Tamiya X-22 Clear varnish was applied. The rounds were painted and the corresponding masks were made using an Olfa circle cutter and a sheet of yellow Kabuki masking paper. 🎯

The outline of the green areas was demarcated with subtle pencil points, then carefully painted with a 0.2mm airbrush, with a light mixture paint (40% paint, 60% thinner). The angle of placement of the airbrush is of vital importance, protecting the previous colour at all times. Once the outline is wide enough, proceed to fill and lighten as appropriate



Custom blends from different paint brands were made for the upper fuselage colours, in order to achieve a certain balance between the historical colour and its balance and contrast with the rest of the camouflage. They were applied with a freehand airbrush to achieve the characteristic soft edges.



FULL-BUILD: WORLD WAR TWO ALLIED AVIATION

TAMIYA 1:48 DE HAVILLAND MOSQUITO FB.MK.VI/NF.MK.II • KIT NO.61062

MODEL WEATHERING

Based on photos of the real subject and similar ones from the same time frame, an attempt was made to reproduce the patterns of dirt and wear mainly with three techniques: dirtying certain areas with airbrush, watercolour pencils effects and oil paints. At all times, an attempt was made to achieve a balance between the effects, without exaggeration, in order to represent an aircraft used intensively but with a good level of maintenance.

Airbrush weathering was done with a very light mixture of Tamiya XF-1 and Tamiya X-9 diluted 95% or more with thinner, using a 0.2mm airbrush without cap and minimum working pressure. In this way, small lines and specks can be

made, concentrating on panels, lower areas and dirt accumulation.

The smoke from the exhausts was done in the same way, but mixing Tamiya XF-1 and Tamiya XF-9, with some light grey in the burned areas. The key in this process is the high dilution that allows almost transparent layers and control of the effect in a gradual, subtle way.

Oils were applied with two techniques mainly, dotted and in the form of colour-washes. The first was used with light colours on

As can be seen in this attempt, the edge of the wing roundel carrier film was quite visible, which is why it was decided to paint them after removing the decals. This could have been planned and carefully trimmed the transparent film to each decal

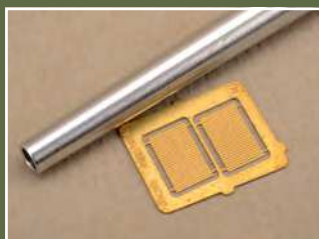


Due to the lack of panel lines characteristic of the Mosquito fuselage and lacking any other proper point of reference, carefully symmetrical thin strips of Tamiya tape were placed on each side to ensure perfect alignment of the lettering. The letters were individually cut out for placement, ensuring their contour and avoiding any possibility of silvering

Mini Review...

DEF MODEL 1:35 M10 TD GUN
BARREL SET (DM35092)
www.defmodel.com

Tamiya's 1:35 M10 Tank Destroyer is a magnificent model of this American WW2 panzer-killer. It comes with a perfectly adequate moulded gun barrel but one thing it lacks is the rifling that's visible in the mouth of the muzzle. DEF Model's new barrel corrects with an aluminium gun tube and a photo-etched brass part (plus a spare) to depict the rifling. Just roll up the brass part and pop it inside the muzzle!



metallic surfaces close to the engines, to accentuate the wear of the paint on removable panels and with browns in the lower area of the tail to simulate accumulating dirt. Leak stains were accentuated a bit and more significant dirt was made in transit and maintenance areas with darker colours. After applying the dots, they were worked with a brush and white spirit until the desired shapes and intensity was achieved. ►

The 'veining' of the large wing surface is an effect that is produced by the passage of the wind at high speed. To achieve this effect, watercolour pencils were used. First the surface was moistened with a cotton cloth, then random lines are made in the direction of the wind, using with light colour pencils, mostly white, grey and cream. Finally, with a slightly moistened stiff bristle brush, the surface was worked while it dries, until the desired intensity is achieved. In case that doesn't work, you can easily lift the pigment with the moistened cotton cloth to start over



FULL-BUILD: WORLD WAR TWO ALLIED AVIATION

TAMIYA 1:48 DE HAVILLAND MOSQUITO FB.MK.VI/NF.MK.II • KIT NO.61062

FINAL STEPS

Colour-washes were used to highlight the articulation lines of moving surfaces, with a dark grey colour. Also, a lighter sand-coloured 'wash' was applied to propeller blades, wheels, and pumps. After a drying period of more than twenty-four hours, the entire model was protected with XF-86 Flat Clear applied in thin layers, until the desired level of gloss is achieved. And there we have it, an iconic British aircraft that was designed and stationed in Hertfordshire! ●

TECHSPEC...

TAMIYA 1:48 DE HAVILLAND MOSQUITO
FB.MK.VI KIT NO.61062

Materials:

- Injection-moulded polystyrene, waterslide decals

Paints used:

- Medium Sea Grey: Tamiya XF-83 Medium Sea Grey 2 RAF, lightened with white for metal surfaces
- Ocean Gray: 80% Real Color RC289/20% Tamiya XF-53 Neutral Grey
- Dark Green: 90% Tamiya XF-81 RAF Dark Green 2/10% XF-5 Flat Green

Accessories used:

- Eduard Zoom: photo-etched set (FE239)
- Master Model: turned metal barrels (AM-48-111)
- CMK Quick and Easy: resin tail wheel strut including wheel (Q48114)
- Rob Taurus: vacuum-formed canopy (48068)

Weathering:

- Tamiya: XF-1 Flat Black, Tamiya X-9 Brown

Availability:

- Tamiya models, accessories, paints and materials are widely available from good model shops and online.
- UK import and distribution by The Hobby Company Limited; www.hobbyco.net
- Eduard: www.creativemodels.co.uk
- Master Model: www.master-model.pl
- CMK: www.cmkkits.com
- Rob Taurus: www.rob-taurus.cz



“The superb Tamiya kit, issued for first time in 1998, does not present major difficulties during assembly and still maintains an almost perfect fit nowadays...”



The Tamiya kit featured in this article is the subject our book
**How To Build... Tamiya's
1:32 Mosquito FB.VI**
Which can be ordered from
www.doolittlemedia.com





Build Your Dream!

LEVEL 5
★★★★★



© Richard Andrews

03852 BAe Hawk T2 (Inc. Photoetch), 1:32

LEVEL 5
★★★★★

PLATINUM
EDITION



03850 B-29 Super Fortress (Platinum Edition), 1:48

LEVEL 3
★★★☆☆

COMBAT SET



03710 Combat Set Bf109 G-10 & Spitfire Mk.V, 1:72

LEVEL 3
★★★☆☆

NEW TOOL



07668 Jaguar E-Type Coupé, 1:24

LEVEL 5
★★★★★



07657 Mercedes-Benz 300 SL, 1:12

Available from all good model
stockists and online from

hobbycraft

hobbycraft.co.uk/brand/revell

MONZA TRUCK

The superb new Alfa Romeo 8C 2300 Monza
in 1:12 Italeri, by **Lionel Albecker**

The 8C 2300 race car was produced by Alfa Romeo between 1931 and 1934. It got its designation from its engine, a 2.3-litre, in-line eight cylinder unit. The suffix 'Monza' was added following its first victory on the Italian circuit in May 1931, in the hands of famous Italian driver Tazio Nuvolari. Intended for competition from its conception, it was also offered in a civilian version with more comfortable seats, mudguards and headlights, in order to be able to drive with a certain level of comfort (all relative for the time) and under all possible conditions.

188 examples were made (in three different series) in total. As was

common at the time, wealthy customers purchased the motorized chassis and then had it 'dressed' by the bodybuilder of their choice. So there were almost as many variations as there were clients, which makes it difficult to find documentation. The model reproduced by Italeri is an 8C 2300 of the first series, produced in 1932. The differences are mainly visible in the engine. Two versions are possible: civilian, plus the car that raced in Monaco in 1936 driven by Tazio Nuvolari. There are photos of this car on the internet on the Monaco circuit. This is it, sporting big race numbers and gold trims that I chose. ●





FULL-BUILD: LARGE SCALE CAR MODELLING

ITALERI 1:12 ALFA ROMEO 8C 2300 MONZA ● KIT NO.4706



It is a good idea to sort the many screws and distribute them into small bags, so as not to waste time looking for them once the assembly has started

PRELIMINARIES

The Italeri kit is completely new, not a Protar re-box, as was the case with the FIAT Mefistofele. We are dealing with a modern production and this shows through with finely reproduced details, some on a very precise photo-etched sheet, plus some of which will not be used for this build. Indeed, the outer radiator grille as well as the large 'Alfa Romeo' logo and the exhaust heat shield were not fitted to Nuvolari's car. We will also have the choice at the end of the assembly, to paint the race numbers using the masks provided, or to use decals.

On a project of this magnitude, the instructions should be carefully studied before gluing any part. You can then decide to change the order of assembly to make it easier or even identify the parts to be improved and think about how to do it.

CHASSIS

This is relatively simple to assemble, but it takes care a methodical approach to get it perfectly aligned. The two main spars and cross members were placed on a cutting mat graduated in 10mm increments to ensure that the side members were strictly parallel and the cross members perpendicular.

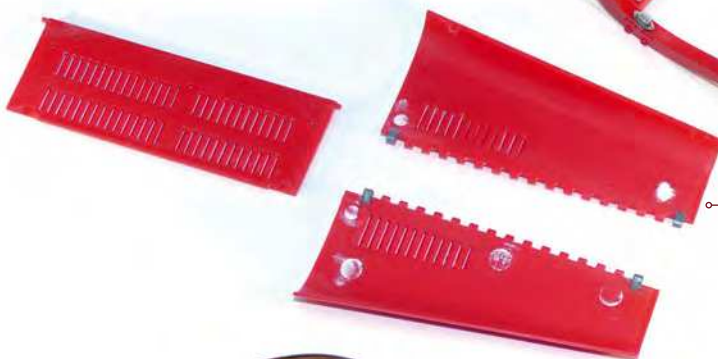
Once this 'dry' assembly was completed, I allowed Tamiya Extra Thin Liquid Cement to seep into the contact points by capillary action. After a good night of drying, the frame can be handled in complete safety. Next is the installation of the rear axle and front knuckles. Italeri supplies the suspension leaf packages moulded from a single block. The moulding line present on these parts must be removed. These packs of blades are fixed to the frame by means of micro-screws. I have found that applying a micro-drop of liquid glue to some screws helps them to tighten better, the fluid glue slightly softening the plastic. With this done, I sprayed a coat of grey primer all over the frame, followed by a coat of TS-8 Red, via an airbrush. After checking that all surfaces were well covered, I left it to dry for two days, so the paint would harden thoroughly.



One of the cross members of the frame is perforated. The Italeri moulding was improved with an X-Acto blade in order to round off the holes



Once the chassis is assembled, we must not forget the various reinforcements and small details to be fitted. These parts are important for the rest of the assembly, so you will have to be particularly vigilant at this stage



The hinged cover during assembly. To keep it functional, it will be necessary to rotate the two parts while the glue dries. Note the ejectors-pin marks filled with putty



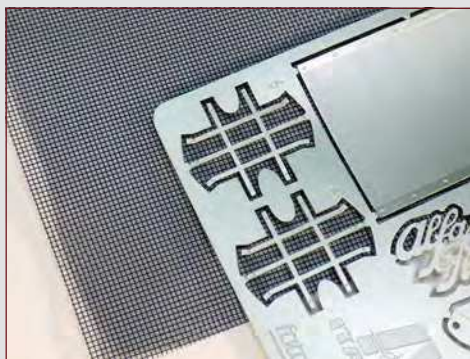
Brushed-on burnt umber oil paint will give the seat the appearance of patinated leather



Once assembled, the friction damper is installed on the axle, using the screws provided. A drop of Tamiya Extra Thin Liquid Cement can make fitting easier by slightly softening the plastic



Once all the components are fitted, a primer coat was applied before securing the rear axle to the frame



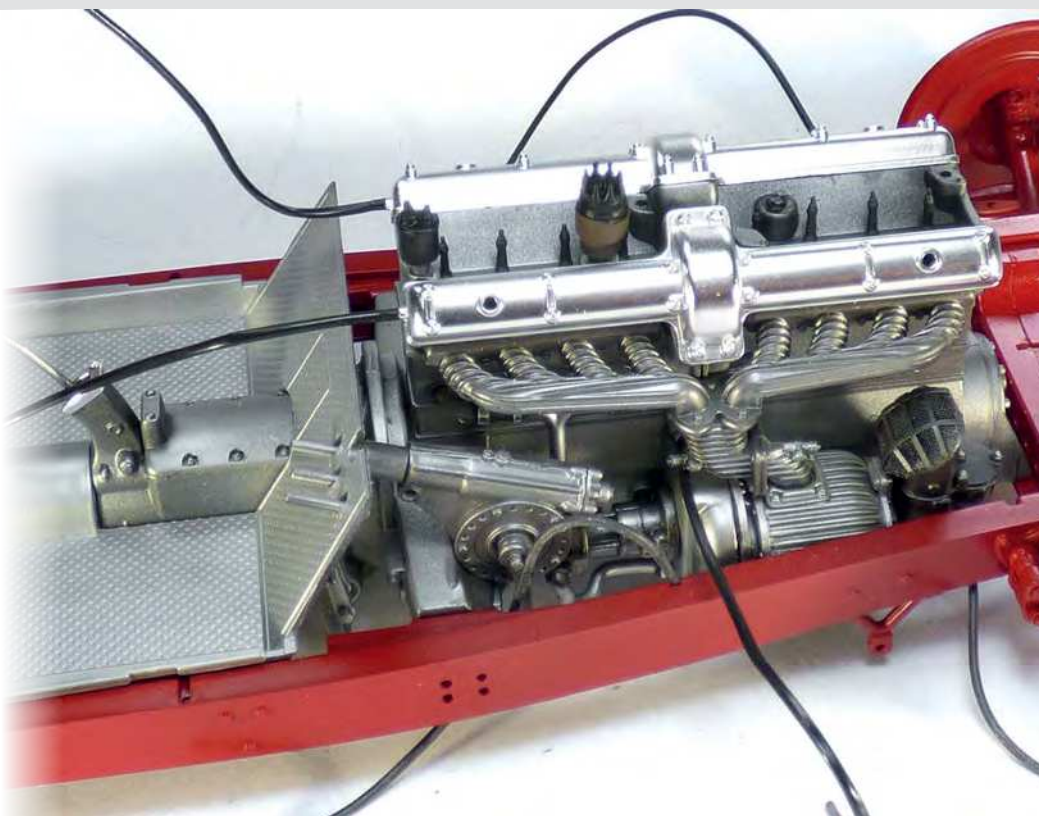
The part depicting the air filter is not very convincing, so the author substituted the photo-etched part with the addition of a piece of mesh: the mesh provided by Italeri was not used. On the real car, this part was very often dented and not necessarily hemispherical

The various cables and hoses were fixed with a drop of cyanoacrylate glue

ENGINE

Italeri has achieved the feat of reproducing the monstrous eight-cylinder in-line with double overhead camshaft and its compressor in great detail. We start with the assembly of the half-blocks and the coupled gearbox, without forgetting the gear lever, followed by the installation of the cylinder head and crankcase and the first ancillary elements. On the compressor is installed the first photo-cut part to be shaped by adapting it to part 46B. Having in my stock a piece of mesh finer than that of the kit, I preferred to use mine.

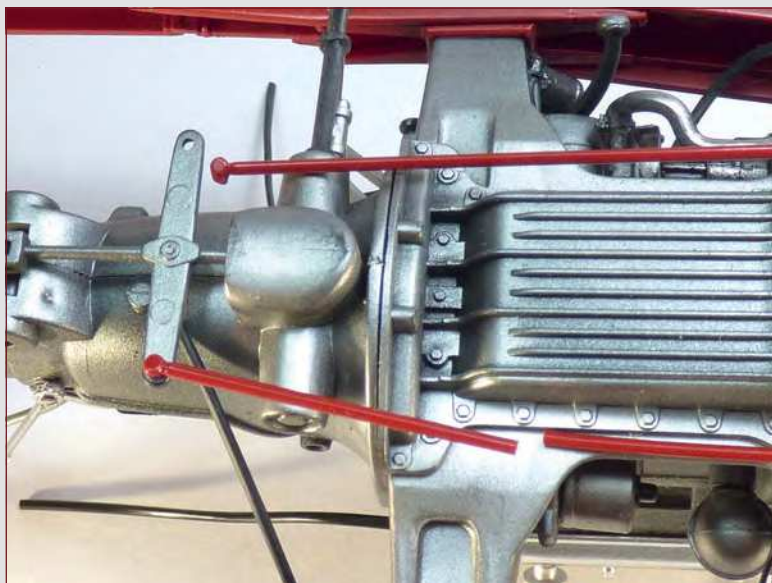
When assembling the (functional) steering box, I recommend putting a small drop of oil ('3 in 1' type) on the gears, avoiding soiling the bonding surfaces. The manual recommends fitting the hoses and cables during assembly of this unit. They are to be cut from the grey silicone tube or from the black vinyl tube provided. Once cut, I stuck a label (masking tape) with the identification letter of the instructions. This will help you find your way around. Once again, experience speaks for itself. ▶



To create more realistic rivet lines, the author removed and replaced them. A section of Tamiya masking tape allows you to locate the rivets in order to drill them without slipping



After pre-drilling of 0.3mm and 0.8mm holes, the rivets were inserted and fixed with cyano applied from the inside. Once dry, the rivet tails were cut flush. A drop of cyano was reapplied to ensure fixation



Due to the bad positioning of the front axle, the steering rods are too short by 3mm. The author lengthened them in the middle

FULL-BUILD: LARGE SCALE CAR MODELLING

ITALERI 1:12 ALFA ROMEO 8C 2300 MONZA ● KIT NO.4706



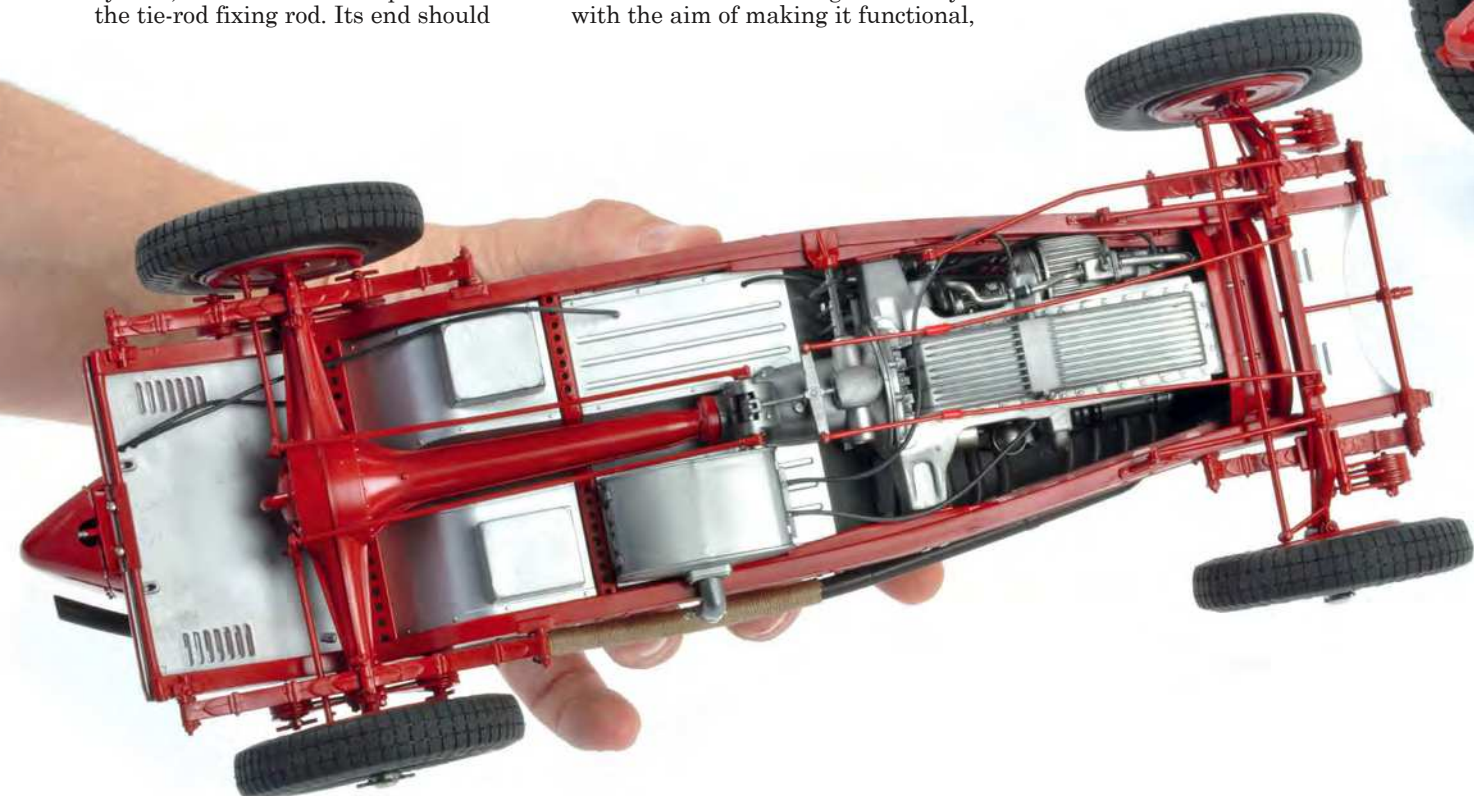
❶ IT COOLS AND IT HEATS

The installation of the engine on the frame was done easily with fixing points identical to those of the real car. The assembled radiator, painted black and then drybrushed with a metallic tint can receive the race number. I used the masks provided by Italeri to paint the number on the grid. This done, the central part was masked off and the radiator surround painted in Alclad 2 Duralumin. For the steering system, there's a delicate operation on the tie-rod fixing rod. Its end should

be flattened with a flame-heated screwdriver blade. It's an efficient process, but a little archaic all the same.

CHECKERED FLAG

The central part of the body around the passenger compartment was screwed to the frame. With a fine brush I applied a drop of LP-21 Red on each screw head, which is exactly the same as TS-8. Finally, the hood was simply recessed between the firewall and the grille, without the addition of glue - always with the aim of making it functional,



and the model was finished.

Not having made many 1:12 models I simply followed the Italeri instructions and overall, everything went very well. Certain points could still have been better handled by Italeri, in particular the fitting of the bonnet which ultimately seems a bit simplistic and presents some alignment issues. The functional steering is also more of a gimmick, to be used sparingly due to the relative flexibility

of the plastic that makes up the rods and links. If you really want to use it, I recommend replacing the idler rods with steel piano wire. This miniature will deserve pride of place in my collection. I don't regret the hundred hours I spent on it! I have since acquired the kit for the FIAT 806 Grand Prix, and I intend to purchase the one for the Mefistofele soon, so that I can present the three cars side by side at my next exhibitions. ●

“This miniature will deserve pride of place in my collection. I don't regret the hundred hours I spent on it!”

ITALERI 1:12 ALFA ROMEO 8C 2300 MONZA KIT NO.4706

Materials:

Injection-moulded polystyrene, synthetic rubber tyres, plated parts, flexible vinyl tubing, photo-etched metal, linen thread, waterslide decals,

Paints used:

- Tamiya sprays: TS-8 Italian Red, TS-30 Silver Leaf
- Tamiya Acrylics: XF-1 Flat Black, XF-2 Flat White, XF-16 Aluminium, XF-56 Metallic Gray, XF-69 NATO Black
- Tamiya Lacquer Paints: LP-5 Semi-Gloss Black, LP-2 White, LP-7 Red
- Vallejo: Matt Black, Matt White, Red
- AK Interactive Xtreme Metal: Duralumin, Chrome, Aluminium
- Alclad 2: Steel ALC112, Chrome ALC107, Duralumin ALC102

Accessories used:

- Micro-Model: 0.8mm brass rivets 1mm head (www.micro-modele.fr)

Miscellaneous:

- Tamiya: Panel Line Accent Color black
- Micro Sol, Micro Set decal solutions

Availability:

Italeri models are widely available from good model shops and online. UK import and distribution by The Hobby Company Limited; www.hobbyco.net



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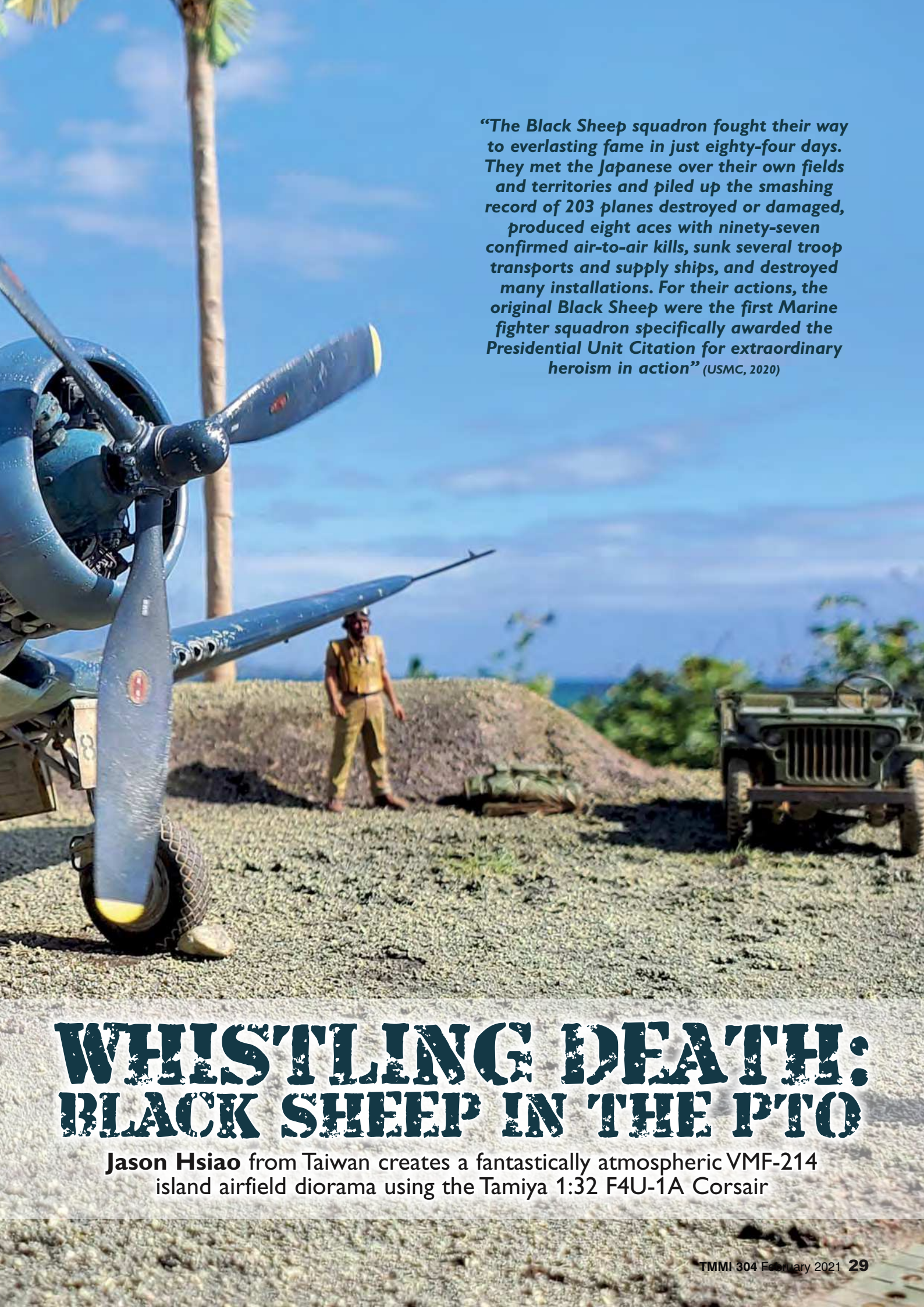
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OFFICIAL DEALER

FULL-BUILD: WORLD WAR TWO ALLIED AVIATION
TAMIYA 1:32 F4U-1A CORSAIR ● KIT NO.60325





"The Black Sheep squadron fought their way to everlasting fame in just eighty-four days. They met the Japanese over their own fields and territories and piled up the smashing record of 203 planes destroyed or damaged, produced eight aces with ninety-seven confirmed air-to-air kills, sunk several troop transports and supply ships, and destroyed many installations. For their actions, the original Black Sheep were the first Marine fighter squadron specifically awarded the Presidential Unit Citation for extraordinary heroism in action" (USMC, 2020)

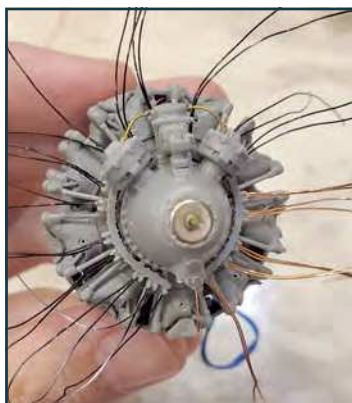
WHISTLING DEATH: BLACK SHEEP IN THE PTO

Jason Hsiao from Taiwan creates a fantastically atmospheric VMF-214 island airfield diorama using the Tamiya 1:32 F4U-1A Corsair

Because of this impressive record, I wanted to pay tribute to this legendary history by making this diorama. The scale of the piece is 1:32 and I used Tamiya's F4U-1A (60325) kit for the main subject. The precision of this kit is very good overall and I only added details such as the engine's spark plug cables. In addition, I installed a micro motor and LED lights inside to make the aircraft 'operate'. In the spraying procedure, I used Mr.Metal Color No. 218 (Aluminium) as the base layer and referring to photos of the actual machine, I used a 0.2mm airbrush on the top of the oil cooler to cover the skin, the main maintenance holes and the movable hatches. I then sprayed Mr. Color No.351 (Interior Green) to form the zinc yellow primer. Major Boyington's aircraft No.883 sported a three-colour USN camouflage. From dark to light, I used Mr. Color C365 (Gloss Sea Blue), C366 (Intermediate Blue), and H316 (Insignia White) 80% mixed with C366 20% to dull the white slightly.

BASIC COLOURS

Before painting in blue tones, I applied Mr Hobby VM008 Mr. Silicone barrier using a cotton swab to the places where I want to show the 'paint-off' effect. This step is just like the familiar hairspray paint off method, except that the lacquer paint film is too strong. The silicone barrier was thus used as the 'paint-off' medium. After finishing the main colour painting, about one hour after the paint surface had dried, I used a hard-bristled brush to repeatedly rub at the predetermined paint-off positions. The shapes of the paint scrapes will change slightly according to the way the operator uses the brush. This step can create a very natural, but not too extreme paint effect. Next, I diluted some white oil paint and brushed it on the surface of the aircraft and wiping off the excess to demonstrate the effect of salt erosion in the air of the island.



The only details added to the engine were its ignition leads, plus a micro motor to allow the propeller to spin



Views of the cockpit reveal some extra detailing added by the author



Mr. Metal Color No.218 (Aluminium) was used as the base layer, then Mr.Color No.351 (Interior green) was airbrushed to suggest areas of yellow primer

WEATHERING EFFECTS

It can be seen from many photos that the skin, vertical tail, elevators and main fuel tank of the F4U-1 in service exhibited a lot of oil stains. I added these with AK Interactive's Aircraft Engine Oil Effects (AK2019) with a little bit of Tamiya's X-10 solvent to dilute it, to imitate natural patterns caused by the air flow. I also use AK's Streaking Grime Enamel Colour (AK012) to enhance further staining and create a richer sense of layering. Since the weathering process will reduce the colour saturation, I am used to using Holbein's heavy-body acrylic paint. After diluting with water, rendering methods were employed to increase the colour changes and saturation, so that the blue shades of this aeroplane would not be too badly affected by the weathering process and become a grey tone colour. I used a brush with soft pastel powders and drybrushed it on the tyres and the hatches close to the ground that would be contaminated to create a feeling of sand and dust.

I used smoke effect paint (MK-41) produced by Taiwan's MODO paint factory for the smoke effects from the engine exhaust and gun muzzles. Finally, I cemented the cockpit canopy on and then used a napkin with acrylic thickener to form a canvas covering the front windshield. I coloured this with acrylic paint. The antenna wire uses Infini Model 0.082mm aero black rigging (IR-4800B), with homemade details in copper wire to complete the antenna system. ▶

The author used diluted white oil paint as a light-coloured wash over the airframe, to represent the unique weathering effects experienced at island airbases



Aircraft No.883 carried a three-colour US Navy camouflage. Mr.Color C365 Gloss Sea Blue, C366 Intermediate Blue and H316 Insignia White 80% plus C366 20% were used on the model



Before spraying the blue tones, the author had applied Mr Hobby VM008 Mr.Silicone barrier with a cotton swab to the places where the paint wear would be apparent. After finishing the main colour painting, about 1 hour after the paint surface is dry, a hard-bristled brush was used to rub off the paint in selected areas



FULL-BUILD: WORLD WAR TWO ALLIED AVIATION

TAMIYA 1:32 F4U-1A CORSAIR ● KIT NO.60325

LANDSCAPE

In order to suggest the tropical climate of the Pacific Islands, I made two coconut palm trees, using 1mm wire as a support, then wrapping paper tape to make the trunk. After the leaves had been drawn by computer, the paper was cut with a laser cutter to create each leaf. Finally the coconuts were made from modelling clay.

For the terrain I used EK foam to stack up the embankment and I then fixed it on the wooden box. Then I brushed it with diluted white glue, pasted on wet kitchen paper towels, and poke the ground with a brush to create irregularities. White glue, acrylic paint and talcum powder were mixed to form a mud slurry, which was applied over the surface of the terrain. The static grass was laid before the slurry was dry. Finally, acrylic paint was used for colouring to make the overall tone natural and realistic.

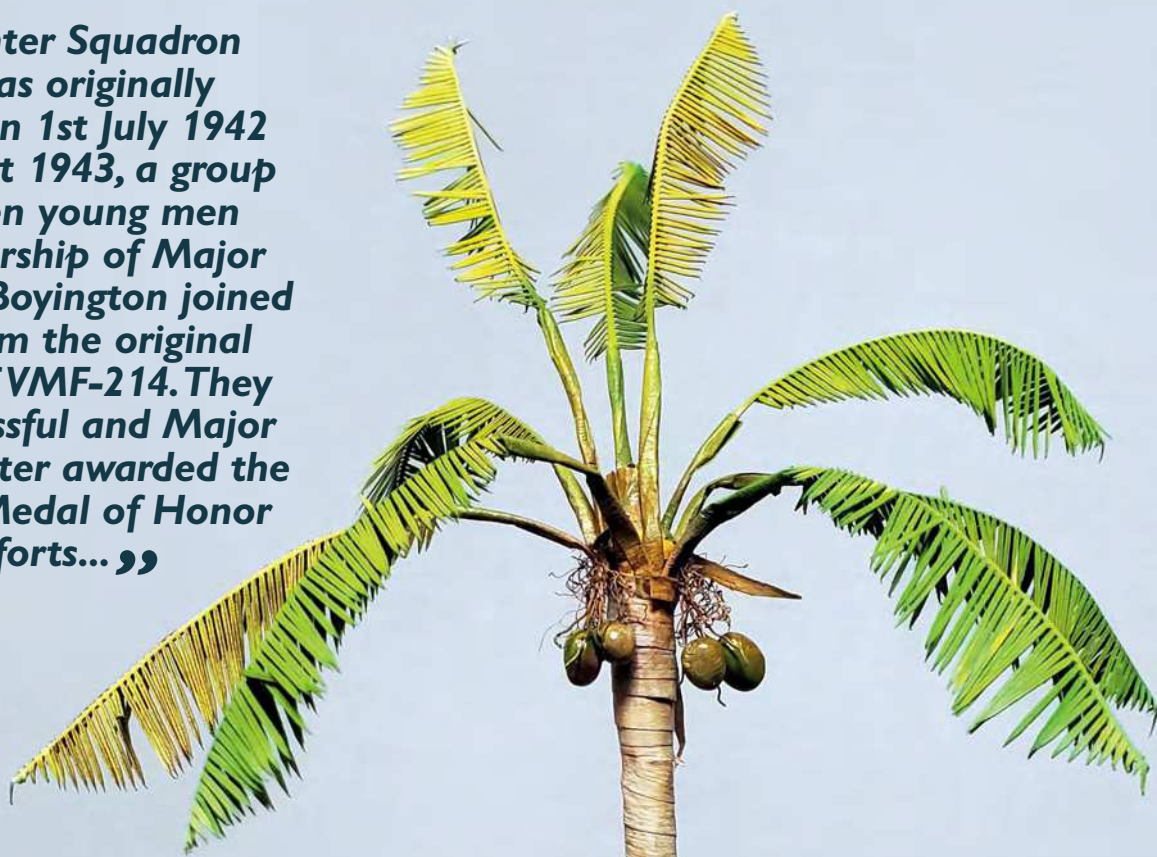


Tamiya's 1:35 Willys Jeep MB kit (35219) was used for the diorama, it being quite close in scale to the Corsair. The jeep only took six hours to make!

The figures:
Major Boyington:
Ultracast 1:32 WWII
USMC Fighter Pilot
Gregory "Pappy"
Boyington (54010)
Ground crewman in
the cockpit Bravo-6
Vietnam War US
soldier (B6-35311)
adjusted to a sitting
position
Ground crewman:
modified from
MiniArt German tank
crew 'Afrikakorps'
with a resin head
modification kit. The
fire extinguisher is
scratchbuilt



“Marine Fighter Squadron (VMF) 214 was originally commissioned on 1st July 1942 at Ewa, In August 1943, a group of twenty-seven young men under the leadership of Major Gregory ‘Pappy’ Boyington joined together to form the original ‘Black Sheep’ of VMF-214. They were very successful and Major Boyington was later awarded the Congressional Medal of Honor for his efforts...”



The author made two coconut palm trees, using 1mm steel wire as a support and wrapping paper tape to form the trunk



The leaves were drawn by computer and the paper was cut with a laser to form each leaf. Finally, the coconuts were made from modelling clay



Flattened oil drums in resin come from 1:35 accessory lines

Then I found a suitable 1:35 scale ammunition boxes and material from my inventory and placed them in the maintenance area around the aircraft. The USMC duck hunter camo rain cloth covering the material stack was also made from napkins. The jeep used is the Tamiya 1:35 Jeep Willys MB kit (35219). Because of the rush to participate in the model competition, it only took six hours to make, out-of-the-box, including painting. I think this kit is very good!

CONCLUSION

This diorama is 45cm in length and 60cm in width. It is the largest scene I have done so far. This size was necessary because I needed enough space to fit the big Corsair, Jeep and figures. I hope you will like the artistic conception of my work, and I hope to give more model makers some inspiration! ●

FULL-BUILD: WORLD WAR TWO ALLIED AVIATION
TAMIYA 1:32 F4U-1A CORSAIR ● KIT NO.60325



**2020 REALITY FANTASY
TAIWAN MODEL SHOW
FREEDOM CUP TAIPEI**

The author (centre) was also honoured to be featured in the '2020 Reality Fantasy Taiwan Model Show' Freedom Cup in Taipei, in the 'Military propeller aircraft' category. He won a gold medal (champion)



The Tamiya kit featured in this article is the subject of our books **How To Build... Tamiya's 1:32 F4U-1 Corsair** and **How To Build... Tamiya's 1:32 F4U-1A and F4U-1D Corsair** Which can be ordered from

FULL-BUILD: WORLD WAR TWO ALLIED AVIATION

TAMIYA 1:32 F4U-1A CORSAIR ● KIT NO.60325



TECHSPEC...

TAMIYA 1:32 F4U-1A CORSAIR
KIT NO.60325

Materials:

Injection-moulded polystyrene, polycaps,
photo-etched metal, synthetic rubber tyres,
waterslide decals ****

Paints used:

- Mr. Color: No.351 Interior Green, C365
Gloss Sea Blue, C366 Intermediate Blue,
H316 Insignia White

Accessories used:

- Tamiya: 1:35 Jeep Willys MB kit (35219)
- Figures listed in main text

Weathering:

- AK Interactive: Aircraft Engine Oil Effects
(AK2019)

Availability:

- Tamiya models, accessories, paints and
materials are widely available from
good model shops and online. UK import
and distribution by The Hobby Company
Limited; www.hobbyco.net
- Mr Hobby materials are widely available
from good model shops and online.
UK import and distribution by
www.albionhobbies.co.uk



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COC



UNDER THE ONUT TREES

Erik Dreister builds the brand new 1:35 M4A2 Sherman from Zvezda and places it in a scenario on the Pacific Theatre of Operations, WW2

Assembling Zvezda's M4A2 Sherman

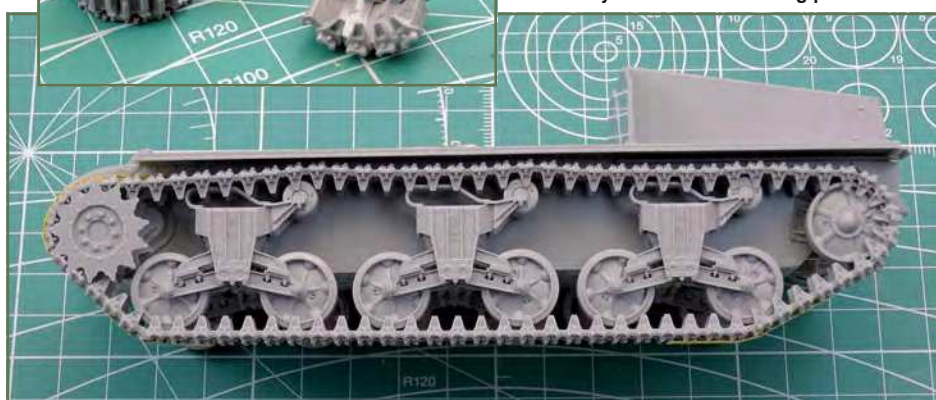


The turret is completely smooth. To give it a rough, foundry look, the author dabbed some super-thin glue on its surface with an old brush. The glue softens the plastic and creates that grainy appearance typical of Sherman turrets

The upper body, moulded from a single block, is very faithful to the real thing with beautiful weld lines in slight relief. However, the front armour separation line is not reproduced, which the author reproduced with a 0.2mm Tamiya engraving tip



The tracks are made up of sections and separate links, to be installed on the idler wheels and sprockets. The pads are assembled flat using a straight edge then shaped around the sprockets and idlers before the glue is completely dry. The instructions indicate to install five links on the sprocket and four on the idler wheel. A quick test shows that you have to do the opposite, otherwise you will not be able to correctly install the connecting piece E19



Zvezda has released an end-of-production M4A2 equipped with the turret armed with the 75mm gun. The A2 differed from the A1 and A3 versions by its diesel engine. Externally, they look a lot like other Shermans and only the engine range really sets it apart, especially thanks to the six filler caps used to fill the water, oil and fuel tanks. In terms of armament, the 75mm gun was supplemented by a .30 calibre coaxial turret machine gun and a hull machine gun of the same calibre. An M2 .50cal heavy machine gun was mounted on the commander cupola. The M4A2 was only used in Europe by the Red Army against Germany and in the Pacific by the Marines in their battles with the Japanese.

ZVEZDA'S ALL-NEW KIT

The Russian brand has been offering us excellent products for some time, of which this model is definitely one. The quality of the moulding is very high and the kit is full of small details, all very finely moulded, like the welds or the foundry numbers scattered over the body, bogies and turret. The hull is supplied in several parts: floor, side walls and front and rear armour.

In terms of the running gear, the box contains two complete sets of rollers (middle and end of production), as well as two sprocket designs (solid and perforated). The tracks are very true to reality and are supplied in the form of sections to which must be added nine separate links.

The upper section of the track has a very slight effect mimicking sagging at the return rollers. The upper hull, moulded in one piece, has beautiful detail, especially on the welds and all the hatches are formed separately, including the periscopes which can be rotated 360°. The turret is very true to life and only a very slight mould line on the right side needs to be sanded off.

The barrel is moulded in one piece and all you have to do is add the end of the tube, supplied separately and already drilled (as on the Tamiya kits of the M4 and M4A3). The roof machine gun is also very well detailed. A transparent sprue groups together the periscopes and the headlight optics. In terms of decals, four sets of markings are provided for two Soviet and two American vehicles. I was very pleasantly surprised by the Zvezda model. The fit of parts was perfect and the assembly was easy. Only the fitting of the tracks will prove to be a little too tight and on second thought, an extra link per side would not be too much. Here is a very pretty Sherman that I highly recommend if you want to add this very special version to your collection. ●

FULL-BUILD: WORLD WAR TWO ALLIED ARMOUR

ZVEZDA 1:35 M4A2 SHERMAN ● KIT NO.3702



The periscopes are supplied in transparent plastic. They can be oriented in all directions



The M2 heavy machine gun brackets were replaced with thinner Evergreen strips



Making the Sherman's sand bags

The author opted for the markings of M4A2 'Caesar' used by the US Marines in the Pacific. Many crews added additional protection to the tanks (wooden planks, corrugated iron, sandbags, etc.). To make the sandbags, the author used Tamiya Smooth Surface two-component epoxy putty which has the advantage of having a comfortable working-time compared to the Quick Type. Just mix the two components in equal parts and knead until you obtain a homogeneous blue/greenish paste. A small bead of putty 0.8cm in diameter was formed and cut out a piece of about 1cm. After several tries, the author was able to get a decent sandbag compared to the very first bag



To create a strip of bags, you don't have to sculpt them one by one. It is easier to install a strip of putty directly at the desired location, then to work the separations between the bags with a model cutter. For the size of the bags, the author was inspired by a photo. They are about 1cm high



A few folds were reproduced on the surface with a toothpick, or a large needle, or even a piece of stretched bunch. The author had not used gloves and fingerprints can be seen on some bags, which was subsequently corrected. Note the headlight and horn guards replaced by Eduard photo-etched elements



After a few hours a good result was achieved: perfectly realistic sandbags. Quick tip: don't hesitate to flatten the putty over the relief of the body to create a bag with a very slumped appearance. Be careful, however, not to break certain fragile parts such as those in photo-etch

The plastic cable in the box was replaced with braided metal wire, taken from a Dragon kit. By pressing the cable on still soft sandbags, it was fixed firmly in position and gives a very natural effect



Painting the M4A2 Sherman



As a primer, the author used Tamiya TS-28 Olive Drab No.2, applied in several very thin coats



The cable, machine gun and interior of the headlights were painted in various metallic colours. A light beige dry-brush was applied to the sandbags to bring out the folds



To reproduce the traces of fuel on the sidewalls, the author simply used Tamiya Panel Line Accent Color Black. The paint was applied with the applicator, then some runs and smudges were created with a super-fine brush. To give it a wet look, some runs were treated with a little gloss varnish



The author rubbed the lead of an HB pencil on the metal parts of the tools, the corners of the hull and where the crew worked the most, like here around the hatches



The American tanker figurine in summer clothes is an Alpine Miniatures item. Cast in resin, it has very fine details



On the rear deck, the author added a few Tamiya brass shell cases dirtied-up with some Panel Line Accent Color



FULL-BUILD: WORLD WAR TWO ALLIED ARMOUR

ZVEZDA 1:35 M4A2 SHERMAN ● KIT NO.3702

Making the diorama



The base of the diorama consists of a photo frame made of natural wood. The basic shapes of the groundwork were made with several layers of 1cm thick foam board



After removing the layer of cardboard, the author reworked the contours with a cutter and sandpaper



The decor was enhanced by adding various small plants. Some are natural and were collected in the forest, others come from the trade (MK 1:35). The scene was completed with some plastic plants to decorate aquariums, repainted because their colours were too garish

Fabricating a palm tree



To make the coconut tree, the author first cut the palm leaves out of a sheet of green paper folded like an accordion.



With a model knife, countless fronds were created. By stacking several sheets, one can work more quickly



To create jagged outlines, the edges of the coconut leaves were burnt. Be careful, the paper ignites very quickly!



The central rib was made with metal wire fixed with cyanoacrylate glue

Mini Review...

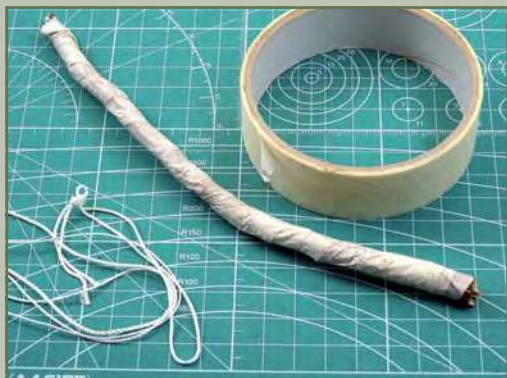
BRENGUN 1:48 UK TUGMASTER TRACTOR (BR572019)
www.brengun.cz

This lovely little kit depicts a British aircraft carrier deck tractor that would have operated during the 1960s with the Royal Navy, so it is ideal to pair with Airfix's recently released Blackburn Buccaneer. The kit is cast in medium-grey resin, supplemented with a sheet of photo-etched brass parts, decals and clear acetate for the dials. Fabulous!





To make the trunk, the author used a simple wooden branch...



...which was covered with adhesive paper



Then, nylon cord was wrapped irregularly around the trunk



Using patching plaster, the trunk was smoothed from the bottom up



For the top of the coconut tree, the author used a mini pine cone (2cm) picked up during a walk on the edge of a swamp (alder fruit according to a botanist friend of the author).



The leaves were painted, then fixed with wood glue by inserting the metal rods into the mini pine cone



Nice flower pot!

FULL-BUILD: WORLD WAR TWO ALLIED ARMOUR

ZVEZDA 1:35 M4A2 SHERMAN ● KIT NO.3702

TECHSPEC...

ZVEZDA 1:35 M4A2 SHERMAN KIT NO.3702

Materials:

Injection-moulded polystyrene, nylon mesh, waterslide decals

Paints used:

- Tamiya sprays: TS-28 Olive Drab 2
- Tamiya Acrylics: XF-1 Flat Black, XF-2 Flat White, XF-4 Yellow Green, XF-15 Flat Flesh, XF-51 Khaki Drab, XF-57 Buff, XF-60 Dark Yellow, XF-62 Olive Drab, XF-64 Red Brown, XF-85 Rubber Black, X-10 Gun Metal, X-11 Chrome, X-18 Semi-Gloss Black, retarder for acrylic paints (87114)

Accessories used:

- Alpine Miniatures: US Tank Commander Summer (35270)
- Tamiya: Sherman 75mm brass shells (35191)
- Eduard: Photo-etched US Headlight Guards (TP028)

Weathering and diorama:

- Tamiya: Diorama Texture Paint Sand (87122), Earth (87121), Sand Weathering Stick (87086), Panel Line Accent Color black (87131)
- Mig Productions pigments: Black, Gulf War Sand, Beach Sand, HB graphite pencil
- Vallejo Acrylics: Dark Rust (for scuffing)

Availability:

- Zvezda models are widely available from good model shops and online. UK import and distribution by The Hobby Company Limited; www.hobbyco.net
- Eduard: www.creativemodels.co.uk
- www.eduard.com
- Alpine Miniatures:



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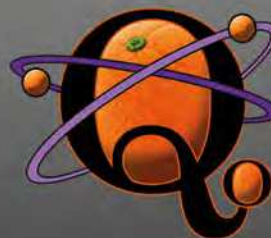


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EDUARD, CZECH REPUBLIC

www.eduard.com

Tamiya's most recent 1:48 aircraft kit release was the Lockheed P-38H Lightning, based, of course, on the P-38F/G kit but with some key differences. Eduard have taken these into account and created a new 'Brassin' set which replaces the entire cockpit of the kit, providing new floor, radio rack, instrument panel, control column, seat, sidewalls and more. It's masterful production and will greatly enhance this area of Tamiya's already stunning model.

Also new are WWII era Japanese torpedoes in 1:48 resin/photo-etch, a pre-printed instrument panel for Tamiya's venerable 1:48 Me262A and some very handy photo-etched brass add-ons for MiniArt's T-55, Rye Field Model's Tiger I and Zvezda's new M4A2 Sherman. Top quality products as always.

1:48 BRASSIN

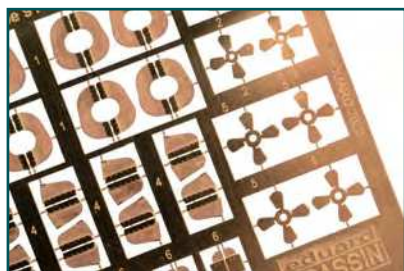
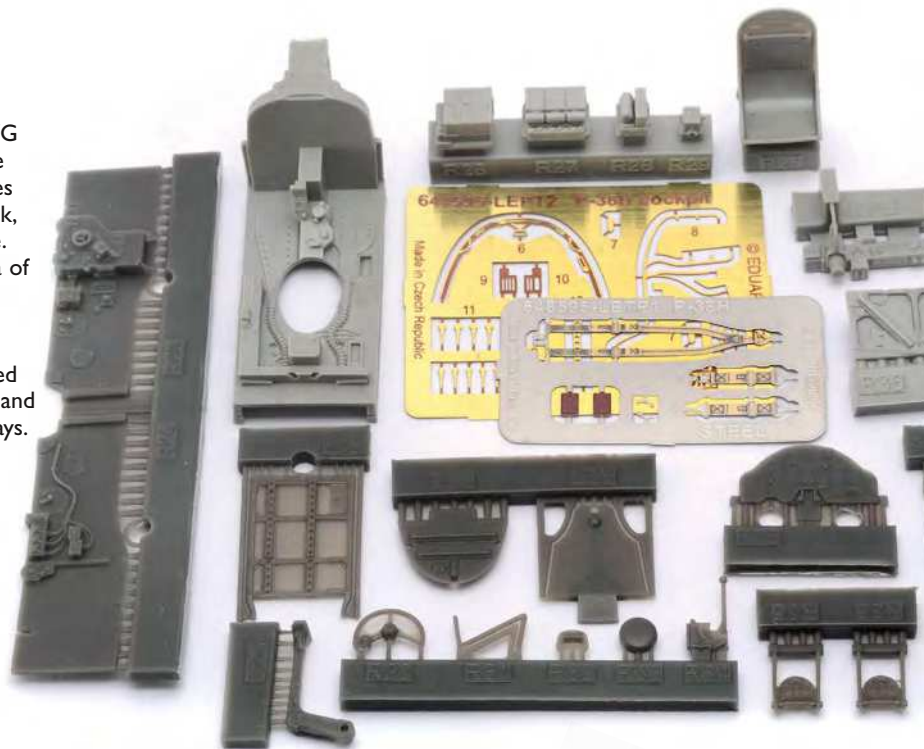
- P-38H cockpit (648595) for Tamiya
- RS-2U missiles (648593)
- Japanese Torpedo Type 91 X3 (648596)
- Il-2 Exhaust Stacks (648588) for Tamiya

1:48 BRASSIN LÖÖK+

- Me262A Löök (644041) for Tamiya
- Il-2 Löök+ (644071) for Tamiya

1:35 PHOTO-ETCH

- Tiger I (36441) for Rye Field Model
- T-55 (36435) for MiniArt
- M4A2 Sherman (36450) for Zvezda

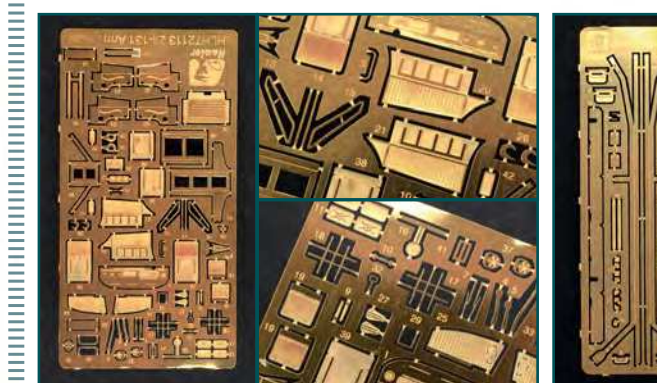


AMMO BY MIG, SPAIN

www.migjimenenez.com

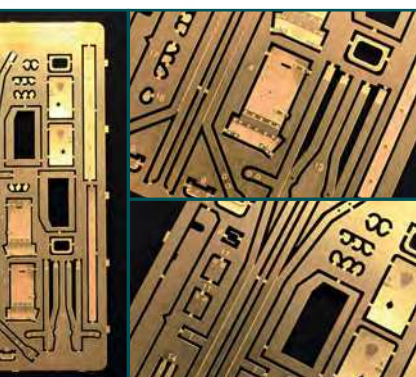
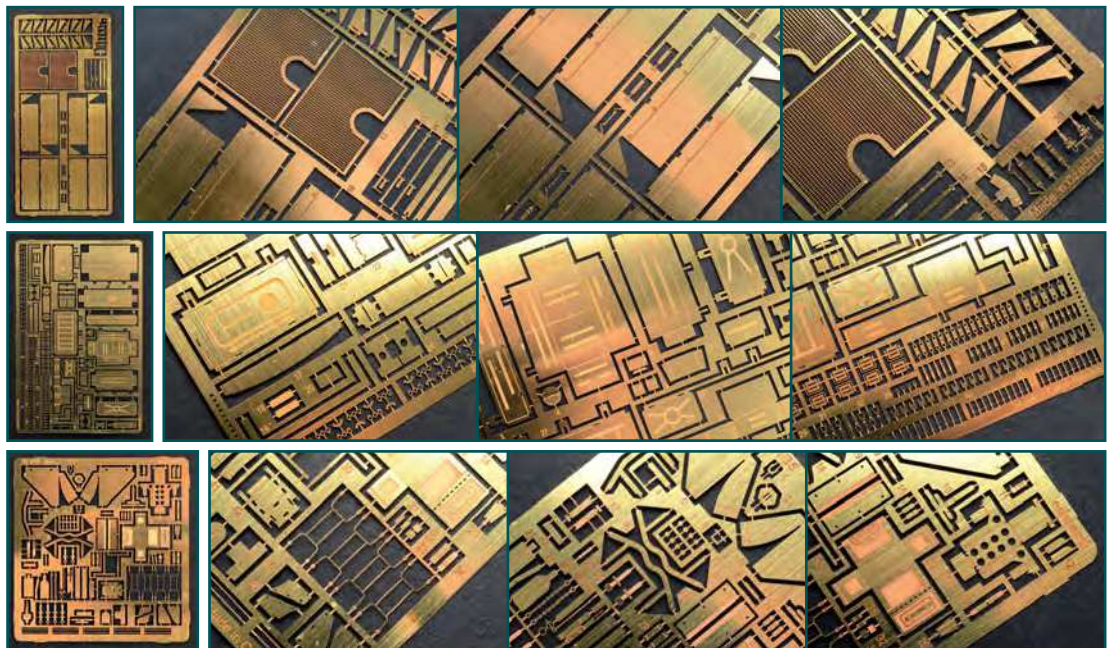
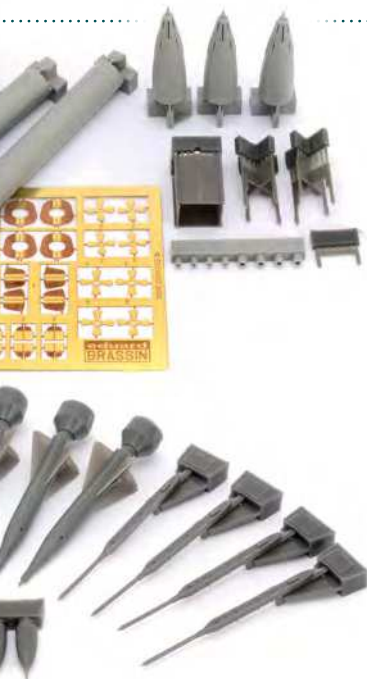
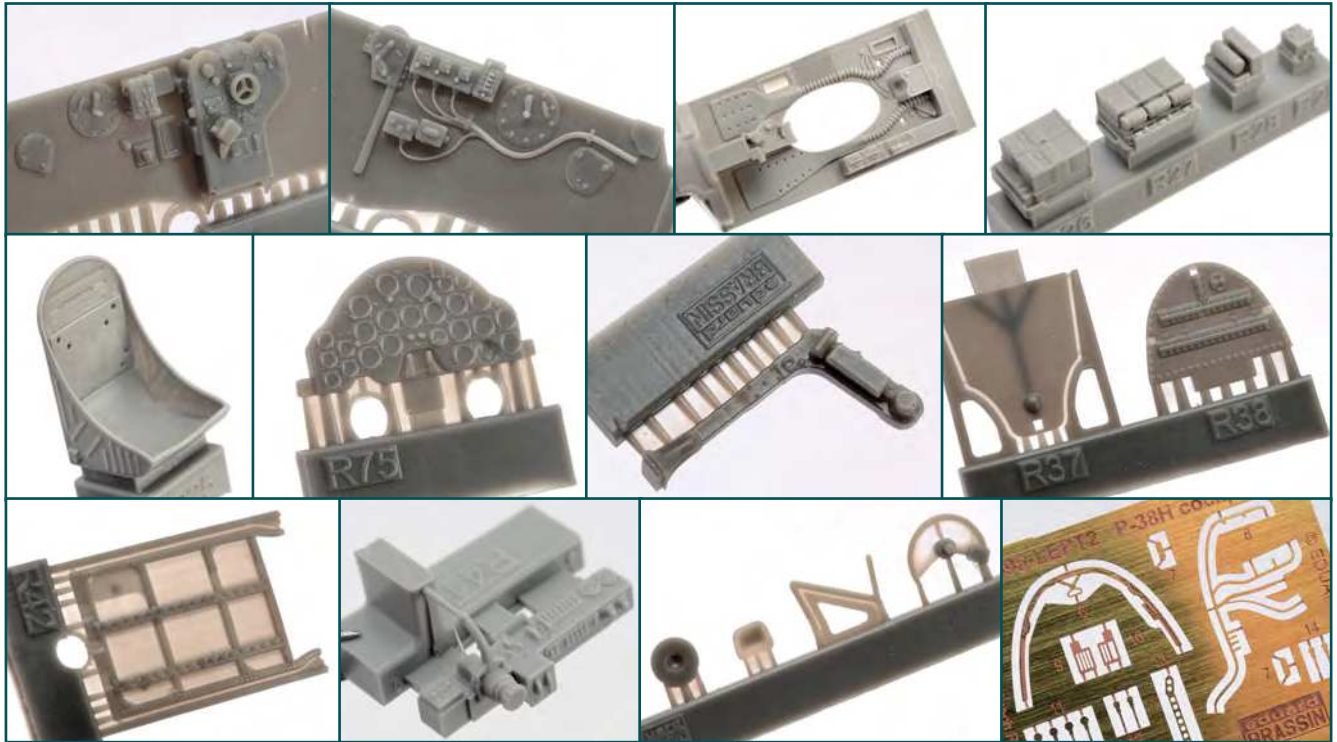
The colours used by the Imperial Japanese Navy during the WW2 era were very specific and getting them spot on requires a little research. This new, six-paint pack from AMMO by Mig presents IJN Ash Grey, IJN Medium Grey, IJN Mitsubishi Green, plus NATO Brown and Matt Black to help the modeller get those shades right.

WWII IMPERIAL JAPANESE NAVY AIR SET (A.MIG-7230)



Accessories

PLASTIC SECTION, **F**; FABRIC, **IM**; INJECTION MOULDED (PLASTIC), **ITL**; INDIVIDUAL TRACK LINKS, **LCC**; LASER CUT CARD, **LLT**; LINK AND LENGTH TRACKS, **MC**; METAL CHAIN, **MMA**; MACHINED METAL PARTS, **PS**; PAPER STRIP, **R**; RESIN, **SVT**; SOFT VINYL TYRES (OR TUBING), **VF**; VINYL FIGURES, **VFP**; VACUUM FORMED (PLASTIC), **WC**; WOVEN CORD, **WD**; WATERSLIDE (DECALS), **WS**; WOODEN STRIP



HAULER, CZECH REPUBLIC

www.hauler.cz

New from Hauler is a very handy set for anyone building the Emhar 1:72 kit of the Mk.IV 'Male' WW1 tank, including top rails and other useful fittings. For ICM's Zil-131 truck, also in 1:72, we have a very comprehensive set that includes headlight guards, radiator face, engine cover panels and much more besides. Finally this month, we have a set of ten, 1:35 Soviet hand grenades from the WW2 era, perfect for dioramas.

1:72

- Mk.IV 'Male' photo-etch (HLH72115) for Emhar
Zil-131 army truck (HLH72113) for ICM

1:35

- RGD-33 Soviet grenades (HLU35119)



New Releases Accessories

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 CHAIN, **MMA**; MACHINED METAL ALLOY, **MR**; METAL ROD, **MW**; METAL WIRE, **MT**; METAL TUBING, **NM**; NYLON MESH, **PE**; PHOTO ETCH, **PEBM**; PHOTO-ETCHED BADGES/MIRRORS,
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WC; WOVEN CORD, **WD**; WATERSLIDE (DECALS), **WS**; WOODEN STRIP

BARRACUDACAST, USA

www.barracudacals.com

New from these masters of resin casting are some very nice upgrades for Fw190s of several variants, offering smooth and rib-treaded tyres. Also for Fw190s is a beautifully detailed cockpit 'snapshot' set that tackles the key areas and won't take months to install. Finally, Hawker Hurricanes in the three main scales receive some excellent new tyres/wheels.

1:72

- Hawker Hurricane 4 slot wheels (BR72428)

1:48

- Fw190A-6 thru A-9, F, D main-wheels ribbed (BR48422)

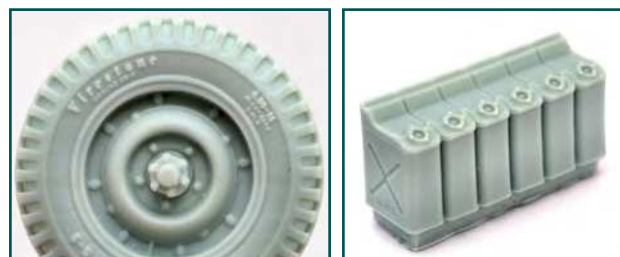
- Fw190A-6 thru A-9, F, D main-wheels smooth (BR48423)

- Fw190A, F, D snapshot cockpit upgrade (BR48433) for Eduard

- Hawker Hurricane 4 slot wheels (BR48427)

1:32

- Hawker Hurricane 4 slot wheels (BR32426)



DEF MODEL, KOREA

www.defmodel.com

New sets in polyurethane resin from this top Korean producer allow the AFV modeller to fill up their Jeep's trailer and give it new wheels, bag-up the muzzle of your Tiger I and seal the mantlet of your Brummbär! Wonderful castings with astonishing levels of detail, easy to clean up and paint. What's not to love?

1:35

- Utility Truck 1/4t Sagged Wheel Set (DW30054)

- WWII US Jeep Trailer Stowage w/ Sagged Wheel Set (DM35104)

- German Tiger I Muzzle Brake Cover Set 3pc (DM35102)

- Sturmpanzer IV Brummbär Gun Canvas Set (DM35098) Dragon, Tamiya mid/late kit

- Sturmpanzer IV Brummbär Gun Canvas Set 2 (DM35099) Dragon, Tamiya mid/late kit



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BRL72208 Arado Ar-396 (AS model kit)

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BRL72210 He-115 (Revell kit)

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A selection of the latest full kits in plastic, resin, metal and more!

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TAMIYA, JAPAN

FIAT 131 ABARTH RALLY OLIO FIAT

www.tamiya.com www.hobbyco.net

SCALE: 1:20 • MATERIALS: IM, SVT, PP, WS, MS • ITEM NO.20069

The overwhelming majority of non-Formula 1 car kits are in 1:43, 1:24 and 1:25, but back in the late 1970s and early 1980s, Tamiya released a new kit on the market depicting the Fiat 131 Abarth Rally in 1:20. It was a bold move but sadly it didn't really catch on. The larger scale did, however, allow for more detail to be incorporated, in this case the inclusion of a lovely replica of the Fiat's two-litre, straight-four, DOHC engine, viewable after assembly thanks to the body shell's separately moulded bonnet. But the big bonus with this model is the inclusion of driver and co-driver figures, beautifully moulded in race suits with arms in action poses. This is the first re-issue for the '131 kit in over twenty years and the first time in this new livery, arguably not as attractive as the previous red/green/white Alitalia (20013) and white/blue 1980 Monte Carlo schemes (20015), but welcome nonetheless. The box contains two sprues in black, one in white, one clear and one plated, plus the bodyshell (white), chassis/belly moulding (black), four synthetic rubber tyres, metal springs, vinyl tubing, polycaps, metal steering rod and axle pins, masking templates (not pre-cut) and waterslide decals. The model features a roll cage-equipped interior, workable suspension and boot interior. High quality Cartograf decals provide the finishing touch.

-  Great to see this detail-packed model again
-  At 1:20, it'll be a bit lonely in the display cabinet



BRENGUN, CZECH REPUBLIC

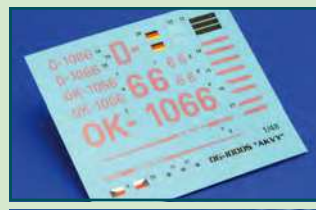
DG-1000S GLIDER AKVY

www.brengun.cz

SCALE: 1:48 • MATERIALS: IM, WS • ITEM NO.BRP48006

DG Flugzeugbau, the German manufacturer of the full-size subject, is based in Bruschal, Germany, on the wonderfully-named Otto-Lilienthal Way. They have been making gliders for decades and the DG-1000S is their competition and aerobatics model. Miniatures of gliders might not be a common sight on the display tables at model shows, but they can make very attractive scale replicas nonetheless. This new release from Brengun depicts the DG1000S in 1:48, moulded on a single sprue of white polystyrene, plus an extra in clear for the two-part canopy. The slender fuselage is moulded conventionally in two halves, between which the twin cockpits are fitted, along with the housing for the nicely detailed landing leg and wheel. The wings are one-piece parts, moulded solidly because they are so thin that forming them in upper and lower halves was obviously unnecessary. It's hard to see in white plastic, but the wings feature aileron and airbrake detail (retracted) on their surfaces. The attachment tabs for the wings are very small and it will be a good idea to drill/pin them through the fuselage, considering how much leverage will be placed upon them. Brengun have already created a photo-etched detail set for this model, providing deployed airbrakes, new instrument panels and more, and it will add some superb extra detail for this lovely little kit.

-  Unusual but very attractive subject with plenty of up-detailing potential
-  Wing mounting tabs will need beefing up



OR EPS; EXTRUDED PLASTIC SECTION, F; FABRIC, IM; INJECTION MOULDED (PLASTIC), ITL; INDIVIDUAL TRACK LINKS, LC; LIQUID CEMENT, LCC; LASER CUT CARD, KS, PE; PHOTO ETCH, PEPM; PHOTO-ETCHED BADGES/MIRRORS, PMP; PRE-ASSEMBLED METAL PARTS), PS; PAPER STRIP; R; RESIN, SVT; SOFT VINYL TYRES (OR TUBING),

EDUARD, CZECH REPUBLIC SERVUS CHLAPCI Z-37A ČMELÁK LIMITED EDITION/DUAL COMBO

www.eduard.com

www.creativemodels.co.uk

SCALE: 1:72

MATERIALS: IM, PE, WS

ITEM NO.2131

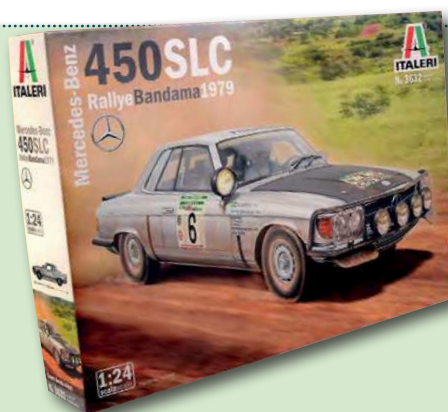
Between versions of their superb P-51D, Fw190, Bf109 and MiG-21 models, Eduard sometimes releases kits of offbeat subjects, usually Czech in origin and always full of character. This is certainly the case with their new Z-37A Čmelák (Czech: Bumblebee) in 1:72. The Zlin Z-37 is an agricultural aircraft which was manufactured in Czechoslovakia during the Cold War years: design work starting in 1961 with the first flight in March 1963. The Čmelák is powered by a Soviet-built Ivchenko radial engine and is used mainly as a crop-duster; although many are now used for glider towing, having the ability to easily tow two gliders and often transport four gliders cross country. Eduard's kit, although diminutive, is packed with fantastic detail from the traces of stringers along the fuselage to the ribbing over the wings to the beautifully executed cockpit which includes photo-etched rudder pedals, seat harnesses and pre-painted instrument panel and consoles. In this initial, limited edition release, the kit box includes two whole kits, plus pre-coloured photo-etched parts, pre-cut canopy masks and even a resin pilot figure in a standing pose. No less than twelve markings options are included, nine of which are overall yellow aircraft, a mainly red machine plus two very attractive orange and white examples.



An unusual subject but packed with character and workmanlike profile



Finding fault with this lovely little bumblebee would be rather churlish



ITALERI, ITALY

MERCEDES-BENZ 450SLC RALLYE BANDAMA 1979

www.hobbyco.net

SCALE: 1:24 • MATERIALS: IM, SVT, PP, WS • ITEM NO.3632

Esci originally launched their 1:24 Mercedes-Benz 450SLC in 1981 and, as was often the case with this Italian maker, the model was ahead of its time in terms of detail and refinement. Esci were eventually incorporated within the Italeri brand and the latter sensibly released many Esci kits in the subsequent years, rebadged for the Italeri catalogue. The big Mercedes was one such release and it's great to see it resurface once again. The model depicts this five-litre beast as it appeared in the 11th Bandama Rally, Côte d'Ivoire, (Ivory Coast) in December 1979, the winning car being driven by Hannu Mikkola/Arne Hertz. The kit comes with a full set of night-stage spotlights for the grille, plus the huge single light by the co-driver's side window. The interior is appointed with a rollcage and racing seats for which decals harnesses are provided: an aftermarket set will look better. The model also features a decent replica of the 225bhp, 5-litre V8 engine and the modeller can choose to show it off by cutting through the narrow tabs that hold the bonnet in place. As we often state here, the key to success for a model car is its bodyshell, because if that looks wrong then nothing else really matters. Here, thankfully, we have an excellent body moulding that captures the slab-sided lines of this big Mercedes-Benz coupe.



An unusual subject for a rally car and the kit makes a good job of it



Aftermarket seat harnesses will be a big improvement over the decals



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ITALERI, ITALY SEMOVENTE M42 75/18

www.hobbyco.net

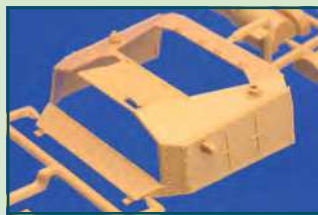
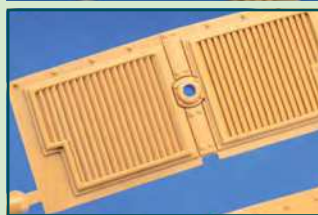
SCALE: 1:35 • MATERIALS: IM, SVT, PE, WS • ITEM NO.6569

This kit was initially billed as having 100% new moulds but now

it has arrived for review, we can see that the box includes some extra sprues for the M42 version, so it's an extensively redone production, based on the 1973 M40 75/18 model. 'A' sprue is one of the original 1970s mouldings and provides the suspension system, roadwheels, sprockets, idlers and return rollers. 'B' sprue is new and it carries a re-engineered gearbox (with 'SPA' logo) plus engine decking, track guards, hull side-panels and lower plate, plus sprocket tabs, jerrycans, driver's seat and other fittings. 'C' sprue is the second of the two 1973 mouldings in the box and the majority of parts are to be discarded, keeping just the fighting compartment structure and sadly, the main gun. The latter could have done with a makeover and will definitely need either the Aber (ABR35L117) or RB Models (35B103) replacement metal barrel to bring it up to spec. The small 'E' sprue is also a new tooling, carrying interior components such as ammunition rack, radio, battery, Breda 38 machine gun, three rounds of ammunition, redesigned engine compartment firewall, dashboard and other internal items.

+ Not completely new, but still a well detailed kit of an extremely interesting subject

- 'D' sprue provides the one-piece vinyl tracks from the old model and for this material, they are well detailed. For a better result, use Friulmodel set ATL-18



KINETIC MODELS, HONG KONG MQ-9 REAPER UNMANNED AERIAL VEHICLE

www.luckymodel.com

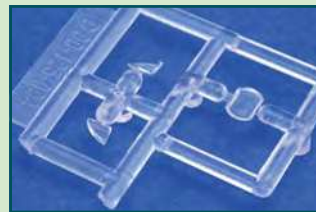
SCALE: 1:48 • MATERIALS: IM, WS • ITEM NO.K48067

The US-built MQ-9 Reaper is a high altitude, long range UAV (Unmanned Aerial Vehicle) currently in service with numerous

civilian and military agencies of the United States Government, along with the United Kingdom, Italy, Spain, France, Netherlands and Australia. The Reaper is a significant improvement on the earlier MQ-1 Predator with more than twice the speed and a higher maximum altitude of its predecessor. It can also carry 3,000lbs of weapons, including GBU Paveway and JDAM bombs, Sidewinder missiles and up to fourteen Hellfire missiles. The bloodline of Kinetic's 1:48 MQ-9 Reaper can be traced back to 2011 when it appeared in a Skunkmodels Workshop box, then again in 2012 as a Revell re-boxing with new markings and now as a Kinetic release with yet more new decals for a host of operators. The end-opening box (sad face) holds four sprues of grey polystyrene and one in clear for the wingtip formation lights and sensor-turret window. The decal sheet (printed to perfection by Cartograf) provides national insignia and numbers for no less than eight operators: Texas and New York Air National Guard, British Royal Air Force plus French, Italian, Netherlands, Spanish and Australian air forces. All airframes, regardless of the operator, are painted in FS 36375 Light Compass Ghost Gray on the upper surfaces and FS36176 Dark Gray on the lower surfaces, V-tail undersides and ventral tail fin.

+ Excellent, if sinister subject. Great detail with a good selection of markings and ordnance options

- Dainty main undercarriage legs may need reinforcement



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MENG, CHINA

BRITISH FV510 WARRIOR TES(H) AIFV

www.meng-model.com www.tigerhobbies.co.uk

SCALE: 1:35 • MATERIALS: IM, PE, MMA, WS • ITEM NO.SS-017

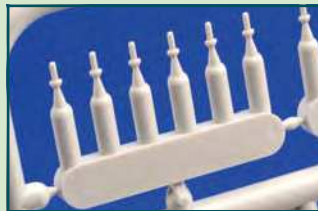
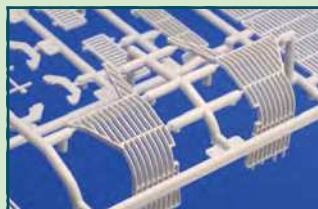
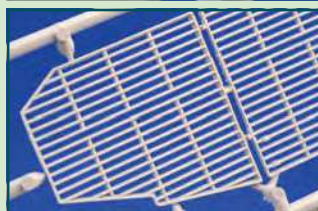
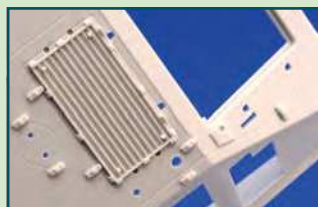
The 'TES(H)' Theatre Entry Standard, Herrick (Operation Herrick being the codename under which all British operations in the War in Afghanistan were conducted) is the latest BAE Systems upgrade of the British Army's FV510 Warrior AIFV (Armoured Infantry Fighting Vehicle). In this incarnation, the ageing Warrior was fitted with anti-RPG bar-armour, better brakes, improved Environmental Control Unit, a driver's night-vision system and other weight-reducing and life-saving enhancements. Meng's 1:35 model is newly issued and incorporates all the visible TES(H) upgrades, most notably the modular bar-armour system that wraps around the vehicle's hull. Very sensibly, Meng has chosen to depict these panels and framework with injection-moulded parts and a super job they have done of it too. No doubt, there will be a photo-etched set released that will tackle this with hundreds of strips of brass, but you can put your nervous breakdown on hold thanks to the standard kit-plastic parts. There's no interior detail with this release but would you really want one, with all that additional armour too? Instead, we have a beautifully executed hull exterior that bristles with detail plus a set of brilliantly designed, articulated tracks that come with their own assembly jig. Some photo-etch takes care of the grilles and a brass main gun barrel provides the finishing touch. Wonderful.



Fabulous British subject, heaps of detail, amazing tracks



A couple of figures for the turret would have been the icing on the cake



REVELL, EUROPE

HAWKER TEMPEST MK.V

www.revell.de/en

SCALE: 1:32 • MATERIALS: IM, WS • ITEM NO.03851

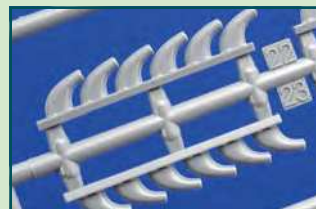
Revell have released the Hawker Tempest Mk.V in the large scale of 1:32 – originally tooled by Czech manufacturer Special Hobby in 2016 – and it's an impressive boxful of plastic! Eight sprues of grey and one in clear polystyrene make up the parts, with just a sheet of waterslide decals as the only 'extra' in the box, which is interesting as it was first issued as a 'high tech' model that included resin and photo-etched parts. It was a wise decision by Revell to re-box it because, even without the original resin and PE parts, it is buzzing with rivet and panel-line detail across the airframe, and it's also huge! It comes with a comprehensively detailed cockpit that builds up from side frames, front and rear bulkhead plus a 'floating' floor, typical of this aircraft. There are a lot of parts in here and, typical of a kit with short-run origins, the location points are a little vague or non-existent, so the instructions will require extra attention and we would recommend the use of photo-references too. Revell have offered two markings options for this kit, both in the standard RAF Ocean Grey/ Dark Green upper surfaces with Medium Sea Grey undersurfaces plus yellow leading-edge bands: No.501 Squadron, RAF Westhampnett, England, 1944 and No.150 Wing, RAF Newchurch, England, 1944. It will require some skill to make the best of this model as the original release was aimed more at the experienced modeller, but it will look stunning once complete.



Classic subject, superb detail, large size



Some experience needed



A CHILDHOOD DREAM COME TRUE

As a kid growing up in the mid to late '80s, Steve Dunn loved to visit his local model shop on Saturdays...

I loved the completed models and dioramas on display in the window, and once inside the choice of model kits was mind boggling. On the lower tiers there were the small scale 1:72 kits; the bulk of the kits were displayed at head height and were mainly 1:35, but what really left an impression on my young self was the top tier out of reach (and out of price range) big 1:10 Tamiya radio controlled buggies.

Iconic names such as the Grasshopper, Hornet, Monster Beetle, Bigwig And Hotshot, just to name a few, looked so impressive with their amazing box art. I always wanted one but could never afford one. Luckily for me, Tamiya have re-released a number of these iconic models over the past few years. One such kit of that era to get re-released is the Fast Attack Vehicle (FAV), based on the US Army Special Forces buggy made by Chenoweth. Here was an opportunity for me to make a childhood dream come true, and also transfer some of the painting techniques lots of us are familiar with from smaller 1:35 tanks and AFVs.

Just opening the box is a feast for the eyes! Everything is well packaged; the parts trees pack out most of the box, with the semi pneumatic tyres positioned in the top right corner. A separate small box contains the 540 motor, resin bumper, screw bags and gears. There is even a small tube of grease and a hex tool in there. ▶



Tamiya have re-released a number of iconic models over the past few years, including Fast Attack Vehicle, based on a US Army Special Forces buggy. Here was an opportunity for the author make a childhood dream come true!



WE!



FULL-BUILD: RADIO CONTROLLED VEHICLE

TAMIYA 1:10 RC FAST ATTACK VEHICLE (2011) ● KIT NO.58496

DIAMOND DOGS DRIVER

I wanted to do something a little different from the box art, so I used the video game 'Metal Gear Solid V' for inspiration. One of the things you can do in that game is build up your own private army called 'Diamond Dogs' and despatch them on missions. With this in mind, I decided to portray this vehicle as belonging to Diamond Dogs. As a coincidence that game is set in the mid '80s, the perfect timeline for this buggy!

The first thing I needed to do was change the driver from US Army to DD private army. To achieve this I rather brutally cut

out the moulded plastic torso and replaced it with a resin bust of John Frost (from Arnhem Bridge fame) made by Mitches Military Models. After removing the moustache and cap badge I made a custom badge from lead foil. With a little more reworking and the addition of some after-market seat belts, he was ready for painting. I began the painting process with the driver, the flesh tones were painted in oils and then the uniform was given a base of Humbrol 237 & 72. Then followed the camouflage pattern, which was achieved with Humbrol 105 Marine Green, 62 Leather and 33 Black.



Opening the FAV's box is a feast for the eyes!



The first thing the author did was to change the driver from US Army to 'Diamond Dogs' private army by cutting out the moulded plastic torso and replacing it with a resin bust of John Frost (from Arnhem Bridge fame) made by Mitches Military Models

BUGGY TIME!

With the figure complete, I began work on the buggy. It was an absolute breeze to build thanks to the comprehensive instruction manual, therefore, it came together quickly. The only other additions were some sealed bearings to replace the plastic bushings in

the kit plus a 3D printed engine and .50cal machine gun for the roof, both made by Knight Customs. After fitting everything, I gave it a test run to make sure the radio gear was working, with that done it was partially stripped into sub-assemblies for painting.

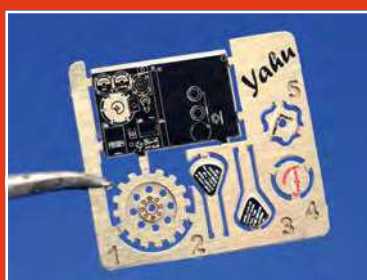
Because I wanted to run this buggy

and not just have it as a static display model, I decided to base-coat it with a spray can rather than using an airbrush, so for this I used a can of Humbrol 237 Desert Tan spray. This was set aside to dry for twenty-four hours and then the MERDC camouflage was applied freehand with

Mini Review...

YAHU MODELS 1:32 GLADIATOR MK.I LATE & MK.II (YMA3249)
www.yahumodels.com

ICM's recently released 1:32 Gloster Gladiator kit receives one of Yahu's amazing instrument panels with this set, massively upgrading the look of this focal point of the aircraft's cockpit. The panel is made from brass, with cut-outs for the dials which themselves feature clear lenses. There were a few bits of excess glue on our sample but they are easily removed.





With the figure complete, the author could begin work on the buggy itself. It was straightforward to build thanks to the detailed instruction manual and came together quickly. The only other additions were some ball-race bearings to replace the plastic bushings in the kit

an airbrush. I started with a mix of Humbrol 105 and 226 for the green and once dry, this was followed with 33 Matt Black and finally 34 Matt White. Once the customised decals were applied, I sprayed several thin coats of Humbrol Satin Varnish to protect the paintwork from the weathering process. This was set aside for a further twenty-four hours before I applied a filter using AMMO by Mig 1510. Once dry, I simulated chipped paint using a mix of Humbrol 67 and raw umber oil paint.

The initial chips were applied with a piece of sponge, followed by some more detailed chips and scratches using a fine paintbrush. Next I applied small dots of various colours of oil paint and with a flat brush moistened with white spirit, began to blend it in. When dry, this gives an impression of faded paint. After this, I painted some rust streaks using Humbrol 62 and burnt sienna oil paint and again, they were then blended using a flat brush moistened with white spirit. Washes of various dirt and rust colours were then applied.

For the final touches, I added fuel and oil spills to the engine area with dark brown and black paint; the rust on the exhaust was achieved by first applying Deluxe Materials Scenic Rust and then applying some rust coloured AMMO by Mig pigment. The dusty tyre effect was accomplished by applying sand coloured AMMO by Mig pigment with white spirit, and then once dry they were drybrushed using a mix of Humbrol 33 and 67 paints. ▶

A 3D printed engine was installed, plus a .50cal machine gun for the roof. Both items are made by Knight Customs



The author began the painting process with the driver. The flesh tones were painted in oils and the uniform was given a base of Humbrol Enamel 237 and 72



FULL-BUILD: RADIO CONTROLLED VEHICLE

TAMIYA 1:10 RC FAST ATTACK VEHICLE (2011) ● KIT NO.58496



To paint the model, the author chose to coat it with a spray-can rather than using an airbrush and for a can of Humbrol 237 Desert Tan spray was used. This was set aside to dry for twenty-four hours and the MERDC camouflage was then applied freehand by airbrush



A close-up view of the Knight Customs 3D printed engine, painted and weathered by the author

CONCLUSION

This was such a fun project and made a nice change of pace from my usual diorama builds. It brings a smile to my face just looking at it and an even bigger one driving it! ●



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Camp Doha, Kuwait,
Feb. 13, 2002. US Navy
SEALs operate Desert
Patrol Vehicles (DPV)
while preparing for an
upcoming mission.
US Navy photo by
Photographer's
Mate 1st Class Arlo
Abrahamson



TECHSPEC...

TAMIYA 1:10 RC FAST ATTACK VEHICLE (2011) KIT NO.58496

Materials:

Injection-moulded polystyrene, semi-pneumatic tyres, electric motor

Paints used:

- Humbrol 237 Desert Tan, 72 Khaki Drill, 105 Marine Green,
62 Leather, 33 Matt Black, 226 Interior Green

Accessories used:

- Tamiya: TBLE-025 brushed/brushless ESC (45057)
- Fast Eddy: Fast attack vehicle sealed bearing set (57828)
- Mitches Military Models: 1:9 Lt.Col. John Frost OP Market Garden bust
- Carson: Reflex CS-9 racing servo (C502024)
- Knight Customs Engine for Tamiya Fast Attack Vehicle (FA10001), engine exhaust for Tamiya Fast Attack Vehicle (FA10003), .50 Cal M2 Browning (FA30007)

Availability:

- The FAV is now out of production. Tamiya models, accessories, paints and materials are widely available from good model shops and online. UK import and distribution by The Hobby Company Limited; www.hobbyco.net
- Carson: www.hobbyco.net
- Knight Customs: www.knightcustoms.com
- Mitches Military Models: www.mitchesmilitarymodels.co.uk
- Fast Eddy: www.fasteddybearings.com

Book Reviews

GOT A NEW BOOK? IF YOU ARE A PUBLISHER WITH A NEW MODELLING RELATED TITLE TO PUBLICISE, WHY NOT SEND IN A COPY FOR REVIEW HERE?

IMAGES OF WAR: THE AMERICANS ON D-DAY & IN NORMANDY

DAVID DOYLE, PEN & SWORD MILITARY
www.pen-and-sword.co.uk

D-Day and the ensuing Battle of Normandy in the summer and autumn of 1944 must surely rate as one of the most frequently 'modelled' campaigns of the Second World War, arguably for the wide variety of hardware that was deployed to this sector, as well as being seen as a huge battle of good versus evil, when looked at on a grander scale. It also helps that tens of thousands of high quality photographs were taken in black and white (and colour), stimulating the imaginations of modellers and even model manufacturers. This recent title in Pen & Sword's 'Military' range of books brings together a generous quantity of the b/w images within its 250+ pages, with many being reproduced at large sizes throughout. From a scale modelling perspective, there are diorama ideas, uniform details and some interesting shots of vehicles. Overall, this title offers an excellent overview of the USA's role in the Normandy campaign and stands as a useful guide.



ILLUSTRATED WEATHERING GUIDE WWII LATE WAR GERMAN VEHICLES

AMMO BY MIG JIMENEZ
www.migjimenez.com

These days there is a plentiful supply of books that show the reader how to paint and weather a model of an AFV from start to finish, but to this reviewer's knowledge, this new title from AMMO by Mig Jimenez is the first to do the job using only colour illustrations, with barely a photo of a model in sight (just one at the back). The military artwork of Spanish artist Felipe Rodna has gained a huge amount of admiration, mainly through his work in the recent editions in the Panzerwrecks series of books and now, in this production, we see his creativity in all its glory. Each chapter starts with a side-view of the chosen vehicle in its basic colour on the righthand page: on the left page we have a description of what's going on and which paints, materials and equipment were used, all taken from the AMMO by Mig range, of course. Rodna's illustrations are stunning and very 'modeller friendly' and although seeming slightly unusual at first, this is actually a really novel way of showing how each paint and weathering step evolves.



CLOSE CALL, RAF CLOSE AIR SUPPORT IN THE MEDITERRANEAN VOLUME I DEFEAT IN FRANCE TO EL HAMMA 1939-1943

VIC FLINTHAM, HIKOKI PUBLICATIONS www.crecy.co.uk

This is the first of two volumes that chronicle the establishment of 'close air support' within the Royal Air Force during the Second World War, covering the early years that begin with embryonic ground support missions in the latter part of the First World War, through to the failures during Operation Dynamo, the 1940 evacuation from Dunkirk. Volume one concludes with the Battle of El Hamma, Tunisia, 1943 having discussed in detail the operations around the Mediterranean that includes, perhaps most famously, Operation Torch. It is clear from the off that this is a hugely well researched production from author Vic Flintham and the result is a highly engaging read. From the scale modeller's point of view, there is plenty to enjoy here, not so much for the gathering of specific details on aircraft types (although the photographs are terrific), but more for gaining an insight into the tough Mediterranean campaign which rumbled on throughout the entirety of the war. Volume 2, to be published in April 2021 takes the story on from the assault on Sicily through a succession of battles in Italy and southern France.





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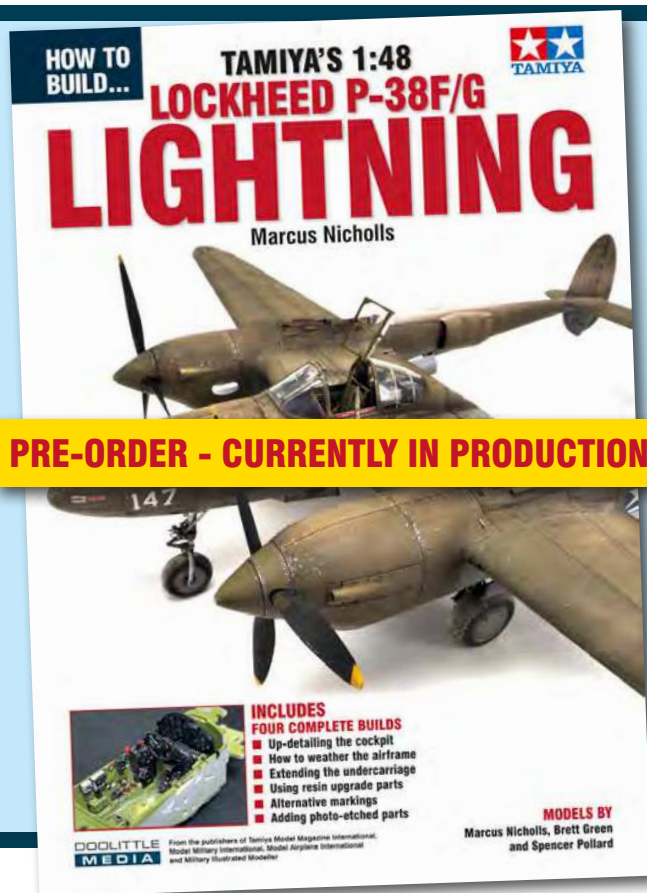
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NEW in the 'HOW TO BUILD...' series



How to Build... TAMIYA'S 1:48 LOCKHEED P-38F/G LIGHTNING

Pre-order currently in production. By Marcus Nicholls.

The Lockheed P-38 Lightning is an iconic US fighter from the Second World War. Its twin Allison V12 engines were mounted in booms to free-up the nose so it could house a fearsome array of four M2 Browning machine guns and a 20mm cannon. The twin-boom airframe became a sight feared by enemies wherever it served, with good reason.

In 2019, after several years of painstaking research, Tamiya released an all-new kit of this sleek aircraft and it has taken its place proudly in the 1:48 Aircraft Series as No.120 in the range.

In this new 'How To Build' book, Tamiya Model Magazine's Editor, Marcus Nicholls, presents no less than four built-up examples of Tamiya's fantastic model; one Lightning each from Brett Green and Spencer Pollard, plus two from Marcus Nicholls.

The second of Marcus's models incorporates resin and photo-etched super-detail sets from Eduard, showing how they can be used within the build to take the detail to an even higher level. New photos of the other models show how Brett Green and Spencer Pollard built and painted the models in their own styles.

The book includes four complete builds, covering the following topics:

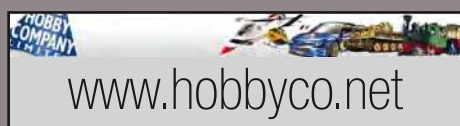
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ISSUE No.304 FEBRUARY 2021 PUBLISHED ON JANUARY 21st 2021

Editors: Brett Green, Alan Harman **Publisher:** Alan Harman **Graphic Design:** Peter Hutchinson

TMMI Website: The Doolittle Media web team **Advertising Manager:** Alan Harman

Administration: Gordon Angus **Crime Thriller Editor:** Hugh Dunne-Irle

Distributed by: Seymour Distribution, 2 East Poultry Avenue, London, EC1A 9PT **Tel:** 020 7429 4000

Newstrade: Select Publisher Services, 3 East Avenue, Bournemouth, BH3 7BW **Tel:** 01202 586848 **Email:** tim@selectps.com

Tamiya Model Magazine is published on the third Thursday of each month by Doolittle Media Ltd. **Editorial enquiries:** editor@tamiyamodelmagazine.com

All other enquiries to: enquiries@doolittlemedia.com Tamiya Model Magazine, Doolittle Mill, Doolittle Lane, Totternhoe, Bedfordshire, LU6 1QX, UK.

Telephone: +44 (0)1525 222573 **Back Issues:** From £4.60 Inc. P&P Back issues from #75 onwards

(excluding #79) are available from the UK address below, or online at www.tamiyamodelmagazine.com

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Subscription rates are; 1 year (12 issues); £47 UK, £59 Europe, £72 Worldwide **Binders:** £8.50 + P&P (UK-£2.45, Europe-£4.45, Worldwide-£6.45).

All prices include postage and packing. For all orders, please call (UK) +44(0)1525 222573 or visit www.tamiyamodelmagazine.com Digital subscriptions available from www.doolittlemedia.com

**Model
MAGAZINE**
INTERNATIONAL

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The Editor's Page...

Tamiya have an all-new 1:48 T-34-85

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AN '85 IN QUARTER-INCH SCALE

1:48 Russian Medium Tank T-34-85

Tamiya has added a new kit of the T-34 Soviet medium tank to the extensive 1:48 Military Miniature Series. The T-34-85 was basically an up-gunned variant of the T-34-76 that had initially run rings around German tanks such as the Tiger I and Panther, but soon found its 76mm main gun lacking in hitting power. The '85 was manufactured from January 1944 and had a larger, more heavily armoured turret with an 85mm gun. Tamiya's new kit is an absolute delight and comes with a commander figure, link and length tracks plus two marking options for vehicles in the liberation of Germany, 1945. Full-build article coming soon to TMMI. ●

Availability;

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Panzerkampfwagen IV Ausf.F

1/35
SCALE

14th Panzer Division,
Southern Russia,
Summer 1942



Sophisticated Short-Barreled Gun

1/35 Military Miniature Series

German Tank Panzerkampfwagen IV Ausf.F (Item 35374)

In service throughout WWII, the Pz.Kpfw.IV was a durable servant to the German Army; its Ausf.F was the last variant to utilize a short-barreled gun: the U/24 7.5cm KwK37. Now, it is ready to enter the front line in your model collection too, as it joins the famed Tamiya 1/35 Military Miniature Series. This model showcases the sturdy form with angular hull lines, and realistic depiction of weld lines and tracks. Main gun breech and cartridge cases are succinctly yet accurately depicted. Also, three figures in realistic pose will add further realism to your model, and two marking options are included, to recreate Eastern Front vehicles. The combination of this model and Russian KV or T-34 tanks will produce powerful scenes!

★The sturdy form with angular hull lines and short-barreled gun is captured in style.
★Ausf.F features such as weld lines on the armor, and wider tracks are faithfully depicted.



U/24 7.5cm KwK37 features elliptic cover. Antenna guard also can be assembled.

Includes three figures (commander, gunner and loader) in uniform.



5th Panzer Division,
Central Russia,
Summer 1942

Louver for
the tropics



Length: 168mm, width: 82mm

Details such as equipment are accurately depicted.

Two marking options are included, to recreate Eastern Front vehicles.



Assembly type tracks have realistic center guide sections, and one-piece straight sections. A jig helps recreate upper run 'sag.'



Choose between two types of engine deck hatch, with or without louver for the tropics.

1/35 Military Miniature Series Panzerkampfwagen IV Models



German Panzerkampfwagen IV Ausf.D



German Panzerkampfwagen IV Ausf.J



German Panzerkampfwagen IV Ausf.H
(Early Version)

★Images show assembled and painted kit. ★Product may vary from images shown.

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Painting the Panzerkampfwagen IV Ausf.F

(Tamiya Color Lacquer Paints (LP))

● LP-27 German Gray

● LP-76 Yellow-Brown (DAK 1941)

● LP-73 Khaki

