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TAMIYA

£4.60 October 2020

ISSUE 300!

**BRACED FOR
BERLIN**

MUDDYING-UP
TAMIYA'S 1:35
JS-2 STALIN TANK

Model MAGAZINE INTERNATIONAL

Tamiya's exquisite new
1:12 Honda CBR1000RR-R
Fireblade SP, step by step

BLADE OF GLORY

INSIDE

Tamiya 1:24 Porsche 936, Hasegawa 1:48 F-8J Crusader Vietnam War carrier diorama, Dragon 1:35 Huey, plus new kits, books and modelling accessories...

DOUGLITTLE
MEDIA



www.tamiyamodelmagazine.com

KV-1

RUSSIAN
HEAVY TANK
MODEL 1941 EARLY PRODUCTION

1/35
SCALE



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A Weighty Adversary

German troops would have been high in confidence as they launched Operation Barbarossa in June 1941: the invasion of the Soviet Union followed successful campaigns in Poland and France. However, a Soviet fightback awaited and right in the thick of things was the KV-1 heavy tank. Now, the Tamiya 1/35 Military Miniature Series KV-1 gets a complete rebirth in this new kit which recreates an early production variant of the Model 1941 tank with 76.2mm ZIS-5 gun. Our designers got up close with the real thing for a highly realistic model, right down to detail such as the rough cast surface textures and the bulky suspension. Don't delay - get this heavy hitter into your 1/35 military model line-up!



Length: 198mm, width: 95mm



Rough cast texture is depicted with aplomb.



Assembly type tracks accurately render upper 'sag.'



Hatches and fender storage boxes can be assembled open or closed.



Commander torso figure included.

《2 MARKING OPTIONS INCLUDED》

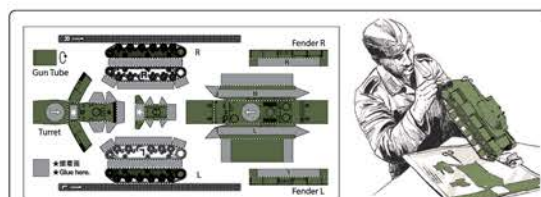


1st Tank Battalion,
116th Tank Brigade



2nd Tank Battalion,
116th Tank Brigade

1/35 Military Miniature Series Russian Heavy Tank KV-1 Model 1941 Early Production (Item 35372)



It is said that German front line troops were provided with wooden and paper models of the KV-1 in a scale of around 1/20, to help identify the tanks and formulate counter-strategies. This kit includes a version in miniature 1/35 scale on the painting guide to cut out and use in dioramas of tactical meetings and the like.

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

Check Tamiya's homepage for the latest releases! [\[www.tamiya.com\]](http://www.tamiya.com)

TAMIYA
TAMIYA, INC. 3-7 ONDAWARA, SURUGA-KU,
SHIZUOKA 422-8610 JAPAN
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**16 MAN OF STEEL,
CAKED IN MUD...**
Dirtying-up Tamiya's 1:35
JS-2 Stalin tank

COVER STORY

24 BLADE OF GLORY

Tamiya's new
1:12 Honda
CBR1000RR-R
Fireblade SP in
full detail



52 WHEN PASSION LEADS TO ACTION!

An astonishing 1:48 F-8J
Crusader Vietnam War
diorama



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Model MAGAZINE INTERNATIONAL

Issue 300 October 2020

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- 1:32 Mini4WD TOYOTA GR Yaris (VZ)
- 1:10 RC Formula E GEN2 Car - Championship Livery Body Parts Set
- HG Airbrush Needle
- HG Trigger-Type Airbrush Needle
- HG Airbrush Nozzle (0.3mm)
- VQS (2020) High-Capacity Damper Set
- TC-01 Double Cardan Propeller Shaft
- CC-02 Aluminium Spur Gear Mount
- CC-02 Motor Mount Bridge Spacer
- Pin Stripe Stickers for Panel Lines
- Clear Coloured Stickers (Red, Orange, Yellow)
- Soft Stabilizer Set (TA07, TB-05)

hobbyco.net



- 1:24 Post Apocalyptic Flamethrower
- 1:24 Post Apocalyptic Flamethrower with car fender
- 1:24 Post Apocalyptic Flamethrower mount

ak-interactive.com

- 1:48 Fw190A-6 ProfilPACK
- 1:48 Tempest Mk.V Series I Weekend Edition
- 1:72 Kuřkaldlo

creativemodels.co.uk
eduard.com



- 1:35 American Civil War Confederate Infantry
(new-tool)
icm.com.ua



- 1:48 Mi-24V 3D-printed interior (for Zvezda)
- 1:35 ZiL-131 3D-printed interior dashboard

neomega-resin.com



- 1:12 Mercedes-Benz 300SL
- FIX-kit Repair Powder

revell.de/en

- 1:35 Pz.Kpfw.III ausf.J
tigerhobbies.co.uk



Percival Proctor Mk.III

1/48 SCALE

COPELAND WINGS



man military form.



www.tigerhobbies.co.uk



www.gaspatchmodels.com



The vast CH-53 GS/G
is on its way in modern
German military form.
www.revell.de/en





NEW FROM ICM 1:32 Stearman PT-17/N2S-3 Kaydet

This handsome US trainer is getting its first ever release in 1:32 thanks to ICM: expect lots of detail
www.icm.com.ua



NEW FROM REVELL 1:72 Bf109 G10 and Spitfire Mk.V CombatSet

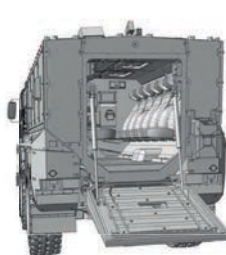
The title says it all! A very appealing package of two famous rivals.
www.revell.de/en



NEW FROM ZVEZDA - New releases

- 1:35 BTR-70 Afghanistan Soviet personnel carrier: 208 parts, flexible tyres, decal for one Soviet (re-release)
- 1:35 T-34/76Mod.1942 Hexagonal turret Soviet medium tank: 271 parts, link/length tracks (partial new-tooling)
- 1:72 Sukhoi SU-39 Russian attack aircraft: 131 parts, decal for one Russian Airforce aircraft (re-release)

www.hobbyco.net



NEW FROM ZVEZDA 1:35 Kamaz Typhoon K

The mighty Typhoon K is on its way from Zvezda of Russia!
www.hobbyco.net

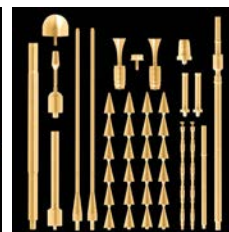
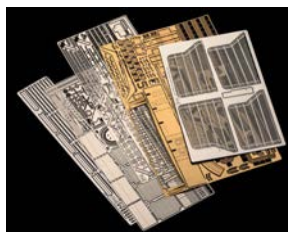
NEW FROM RYE FIELD MODEL 1:35 KV-1 Model 1942

The beefy KV-1 is on its way from RFM, depicting the 1942 'simplified turret variant'.
www.tigerhobbies.co.uk



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

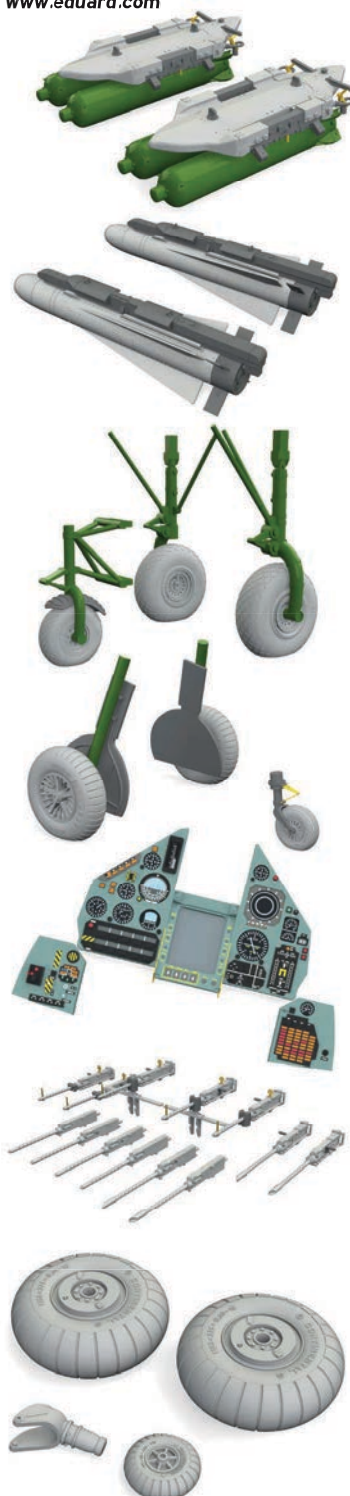
Revell's 1:400 USS Enterprise has quite a heritage, but they've added heap of photo-etched detail that will bring it right into the modern era. www.revell.de/en



COMING SOON FROM EDUARD

- Brassin 1:32 BRU-57A Rack
- Brassin 1:32 AGM-65 Maverick
- Brassin 1:32 B-24 wheels eight-spoke front wheel (for Hobbyboss)
- Brassin 1/32 Messerschmitt Bf-108 Taifun Wheels Spoked (for Eduard)
- Brassin 1:32 Dassault Mirage 2000C L66K Set (for Italeri)
- Brassin 1:48 B-17G guns (for ICM)
- Brassin 1:48 Heinkel He-111H-6 early wheels (for ICM)

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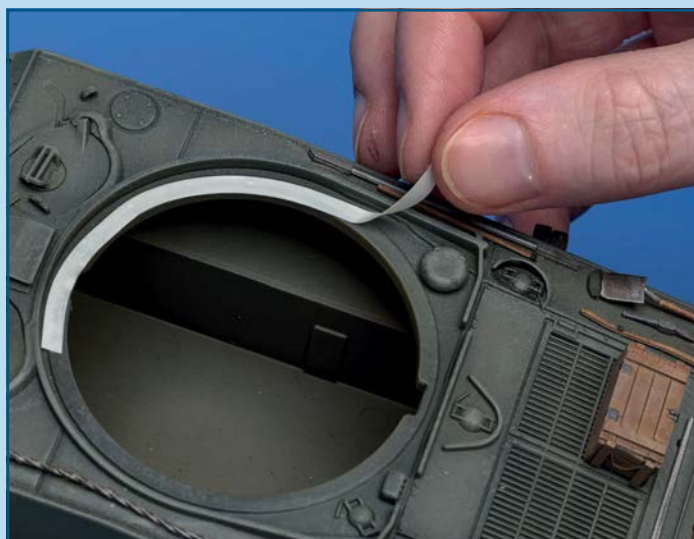
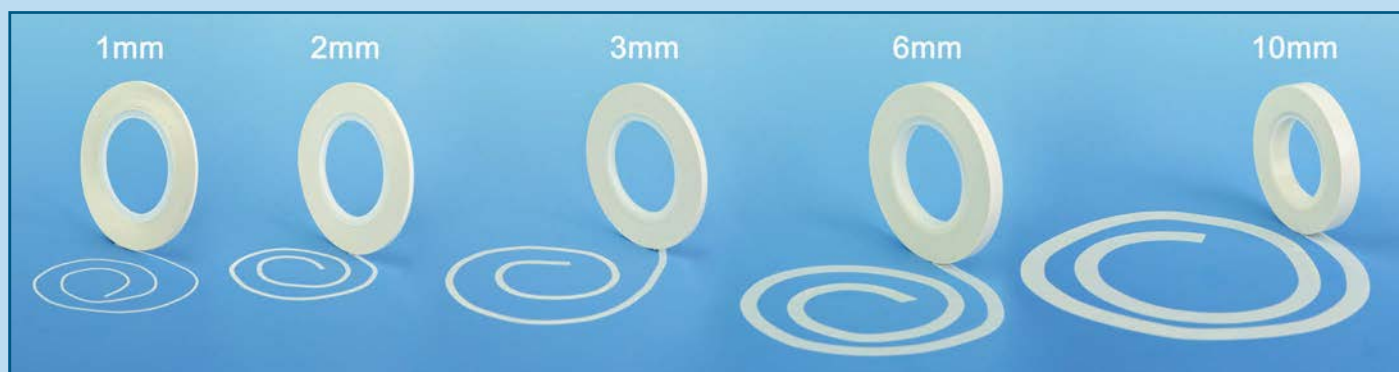
We have teamed up with our friends at Model Craft so we can offer you a special gift for subscribing with us for 24 issues.

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These making tapes are ideal for Modelling, Airbrushing, Arts, Craft, Hobby and even those smaller DIY tasks. The tape sticks, stays and removes cleanly. It is also U.V. protected for masking in direct sunlight.

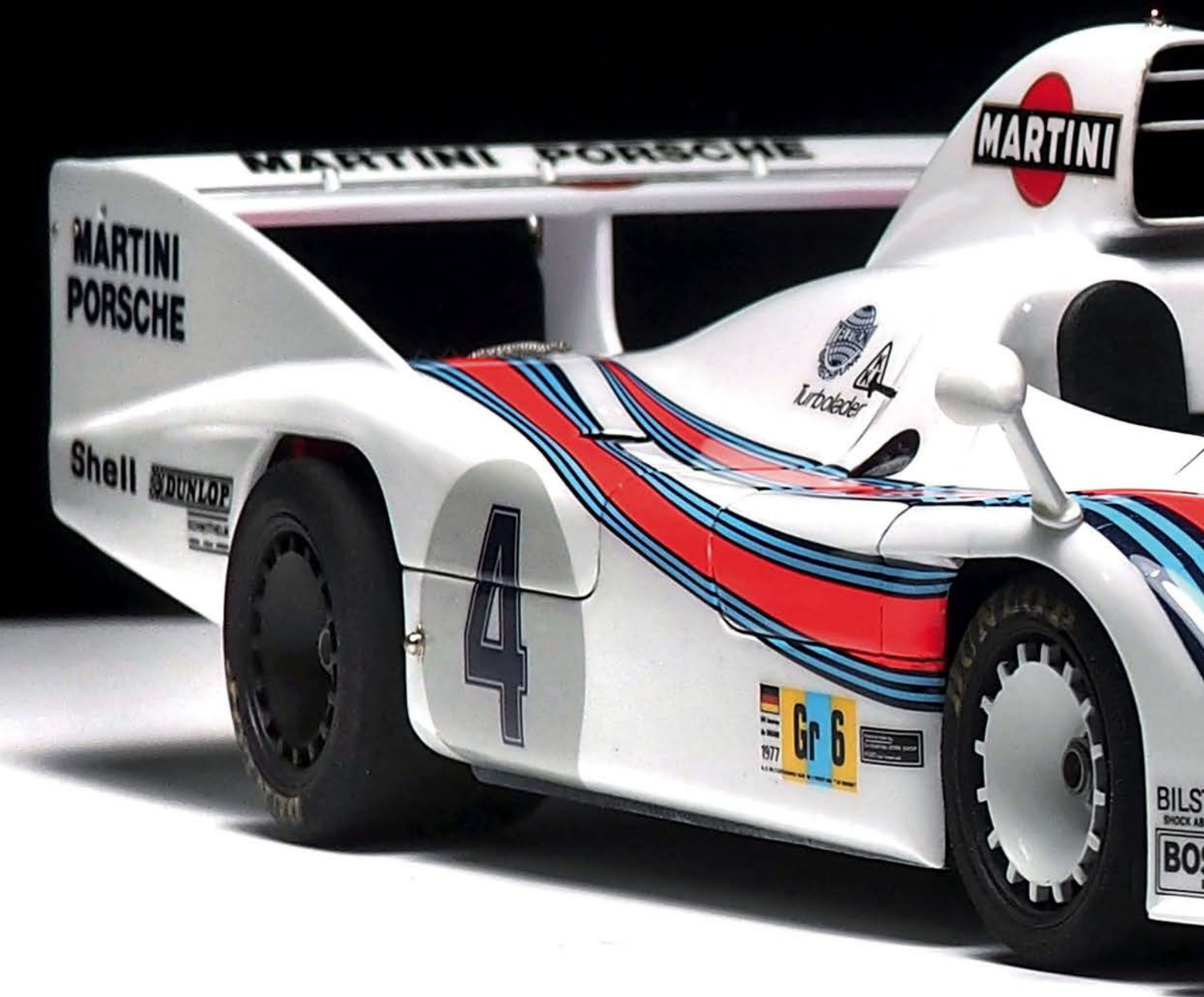
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(Photocopies of this form are acceptable)

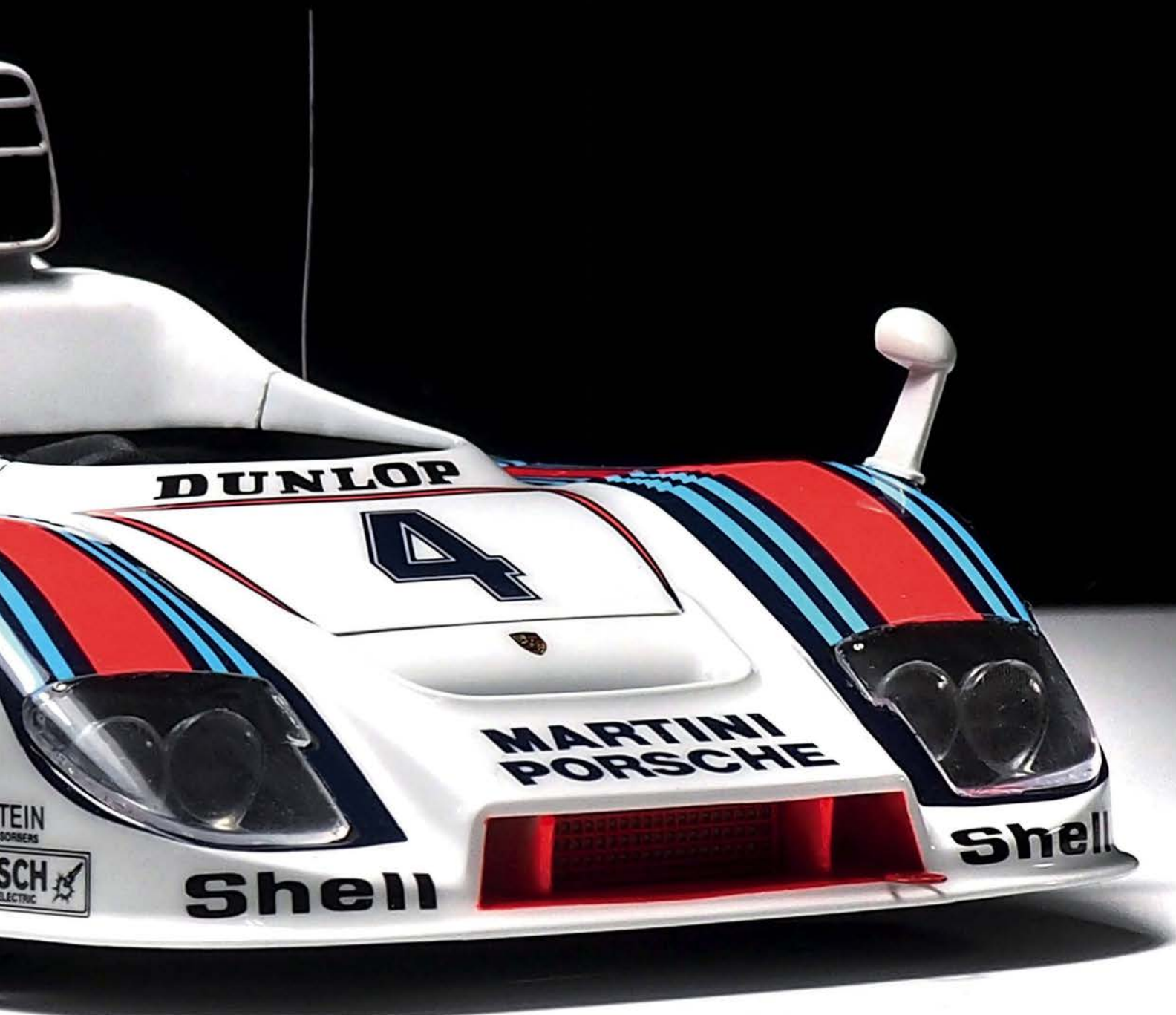


A HERO, W

Jesus Marquerie uses Zero Paints and some good old modelling skills to bring Tamiya's classic 1:24 Porsche 936 Turbo up to modern standards

The Porsche 936 was a Stuttgart factory-car, designed to compete in the new Sport World Championship for GR.6 cars. It was tested secretly during the winter of 1975/76, while in France, the Renault-Alpine with a twin turbo engine was released without cover-up. Few people knew anything about it before its first race at the Nürburgring in April 1976. Based on the chassis of the 908, the 936 was equipped with a

510bhp, 2,100cc turbo engine using the KKK exhausts. The 936 did not win that first race, but driven mostly by Jacky Ickx and Jochen Mass, it won all the other races it participated in that year: Monza, Imola, Enna, Mosport, Dijon and Salzburg, winning the Championship. But the most important thing about this car was in the 24 Hours of Le Mans, which, piloted by Ickx and G. van Lennep, won it with an advantage of eleven laps to the



WITH ZERO!

second place car. This 1:24 Tamiya kit from way back in 1978 was originally designed to be fitted with an electric motor, so it has few interior parts, little detail on the axles and corresponding spaces that house the motor, twin AA batteries and switch. But it is a good kit with few problems, plus the possibility to be finished as a proper scale model car. It also carries the mythical and beautiful Martini livery, so what's not to love?

PREPARATION: FIRST STEPS

The front wheel louvers that are moulded closed must be opened up! Their 'sockets' have two plastic plates underneath which can be removed, thanks to the mini drill. I also opened up the central air intake.

Once sanded, I gave the bodyshell three thin coats of Gravity Colors primer and once dry, a rub-over with 2,000 grit sandpaper. To paint it, I applied it four thin coats of Zero Paints

gloss white. For the louvers, I applied the decal with the help of a cotton swab. Once they had dried a little and had 'gripped' the edge of the louvers, I cut them with a new blade across the front edge, so that the rest of the decals would adhere to the slats, applying Micro Set with a brush, for each slot. I later gloss varnished the body but this it created bubbles that turned the decals white, so I decided to put the body in the brake fluid and start again... 

FULL-BUILD: LE MANS MODEL MOTORSPORT

TAMIYA 1:24 MARTINI PORSCHE 936 TURBO • KIT NO.24004

- ❶ Once the body was back to the plastic again, I sanded and filled the body as before and started the paint process again, undercoating it with Gravity Colors primer, then very thin coats of Zero Paints white.

I then masked masked-up for the red portions in the nose and tail: Zero Paints BMW M-Sport Red was used, which is almost fluorescent and matches the red of the new Shunko decals I was going to use. But before the decals, I gave the bodyshell two coats of Zero's pre-diluted varnish. Once dry, I started with the decals, which were like rubber and it was difficult to apply them, plenty of softener being necessary, plus a hairdryer. For the curved areas I used Micro Sol, once each decal had been applied.

REAR

The lights were painted with felt-tipped pens on the outside and with a Molotov chrome paint marker on the inside: see the photo-captions for how the lights were remade in clear resin. The circular red light was made by turning and polishing a piece of aluminium rod, then painting with a red marker pen: the base is a self-adhesive aluminium circle.

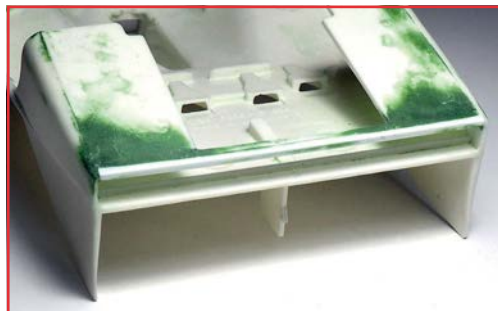
NACA AIR INLETS

Tameo metal mesh, which is very fine, was used to form the intake filters. Masking tape was used to create a template of the outline of each NACA inlet, which was then stuck to the mesh and cut with scissors, leaving a slit lip to be bent inwards so each part could be neatly fixed in place.

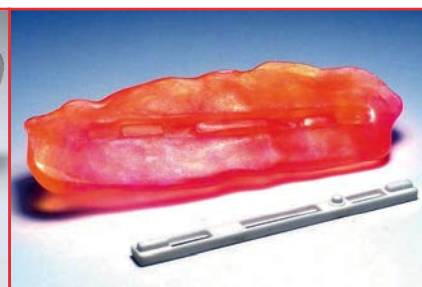
The chassis was painted with AK Interactive's Matt Aluminium then given a colour-wash of Tamiya X-19 Smoke. The next step was to apply dots of oil paint from AMMO 'Oilbrushers' using various colours, distributed randomly. Previously, with coarse, fabric-backed sandpaper, I scored the chassis to simulate it making contact of it with the ground and curbs at high speed. With a flat brush and a little solvent, I made passes front-to-back, so that the colours become blended. Finally, I cleaned off the excess paint with kitchen paper, not pressing too hard.



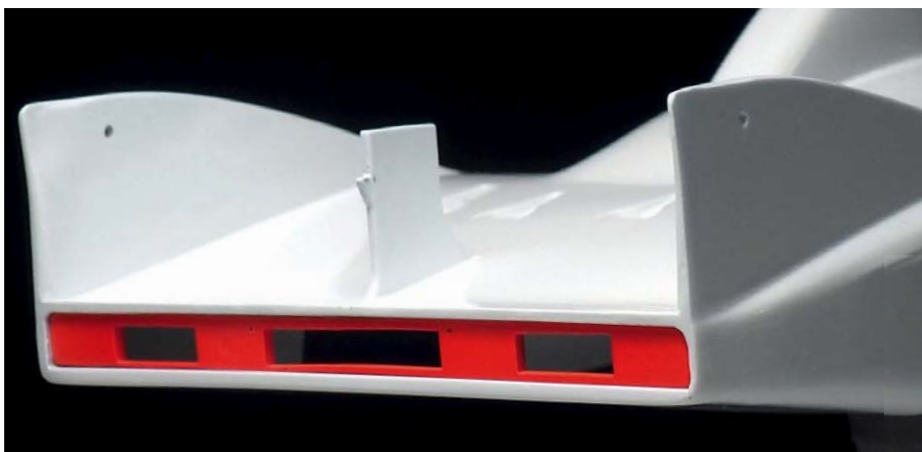
Filler was used around the engine air intake to conceal the cement-line



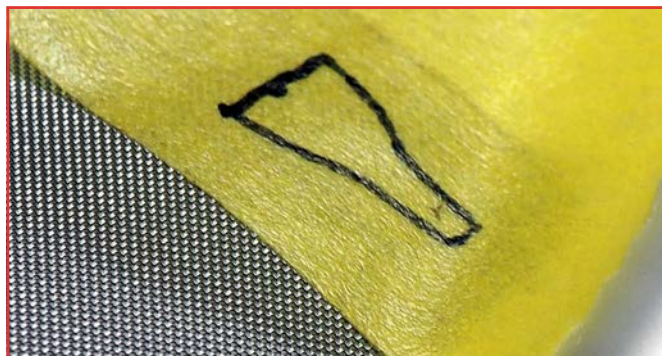
More filler (green) was applied to the underside of the tail section to create a smooth transition



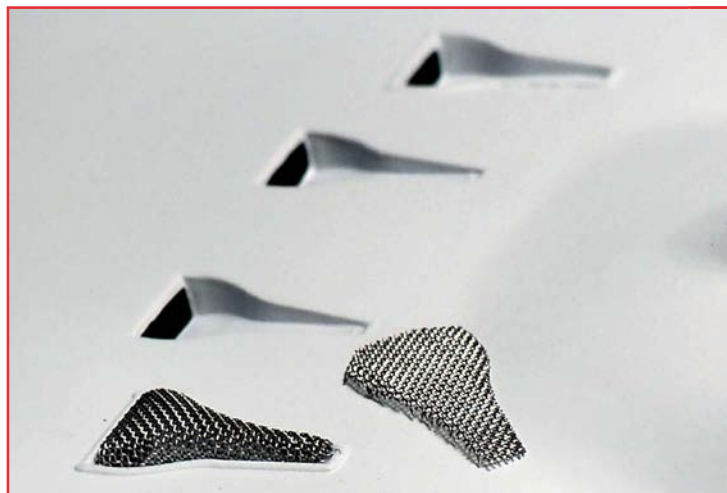
At the rear, the author altered the panel to which the tail-lights are mounted, replacing them all with new ones, made by creating a mould from Oyumaru reusable moulding compound. Acrifix, a methacrylate glue that solidifies under UV light in a few minutes, was used to cast new lights which, once hardened, were cut and polished



The modified rear panel, painted red and installed



Tameo metal mesh was used to form the screens over the NACA intakes. A template was made by drawing the outline onto Tamiya masking tape, then the mesh was cut to shape with scissors





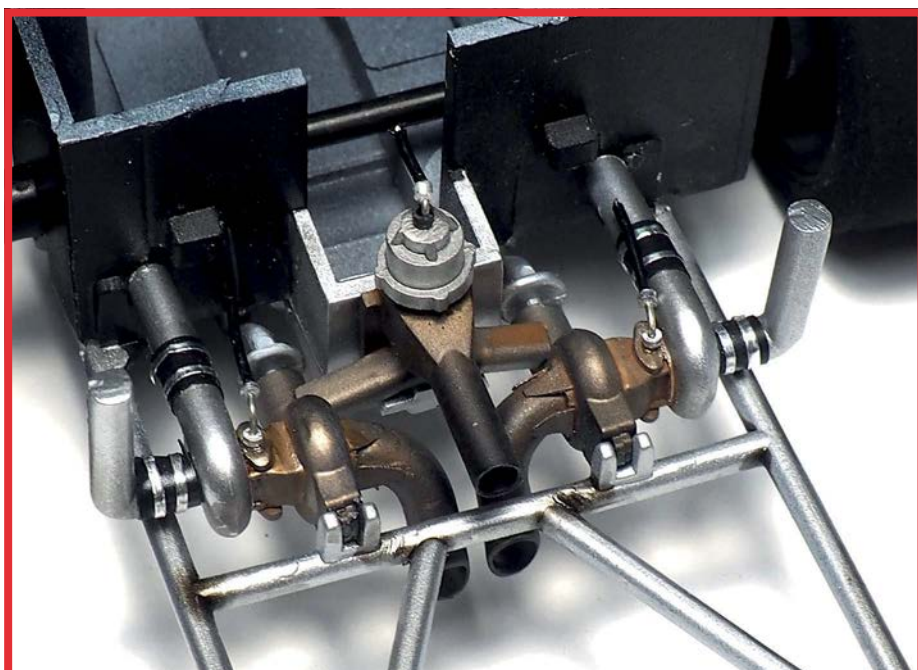
The kit's wheel centres were drilled out to accept new aluminium nuts from Scale Production



The author sanded the tyre treads by mounting them on an old rim attached fitted in the mini drill, levelling the entire surface including the shoulders, to remove mould marks



The exhaust outlets were drilled out – very carefully – using a drill bit of an appropriate size



The 'hot' sections of the turbochargers were given a suitably heat-stained look



The driver's seat was given side-support extensions using putty, sanded to shape once hardened

ENGINE

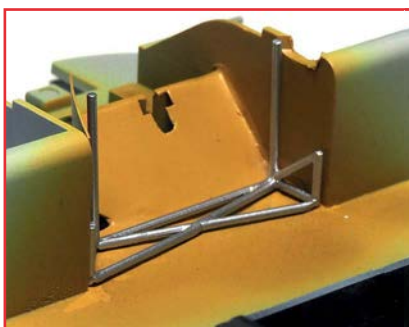
The few engine parts, after priming, were given an initial coat of Zero Paints Extra Metal Aluminium, then I masked them up and applied Sepia, Translucent blue and Alclad 2 Burnt Iron. When checking original photos, I noticed that the 'hot' part of the turbo has a slight 'rust' colour, so to reproduce it, I used the AMMO oxide wash, which I applied by brush. Other engine parts were finished with Zero Paints Satin Black. ▶

FULL-BUILD: LE MANS MODEL MOTORSPORT

TAMIYA 1:24 MARTINI PORSCHE 936 TURBO ● KIT NO.24004



Structural elements in the footwell were recreated with pieces of extruded polystyrene rod



The piece of space-frame was sprayed aluminium colour and Kevlar decal then applied in the appropriate areas



Some cabling was added to the cockpit insert and an aftermarket five-point harnesses then fitted to the seat



On the dashboard, the author removed all the buttons, switches and lights and made holes for each. They were replaced with decals, with bezels made from aluminium rod, rolled into the correct diameters

◉ INTO THE COCKPIT

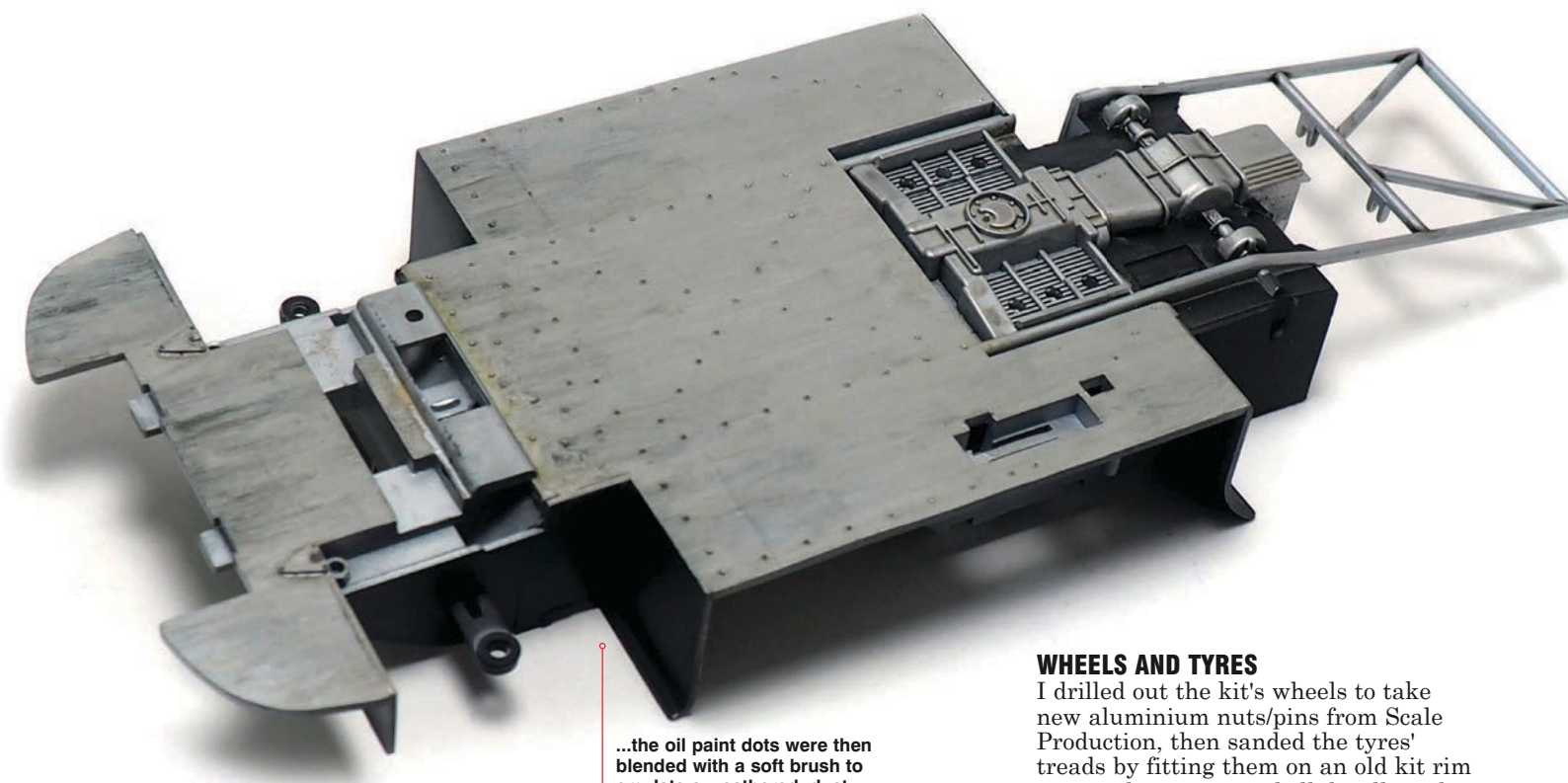
With epoxy putty, I created two side humps for the driver's seat. Once dry, I sanded to their correct shape then painted the seat with Zero's textured black, and then in satin as per rest of the piece. The tubing and the gear lever were finished with Aluminium, also from Zero Paints. I applied a

coat of Alclad 2 matt varnish over the grained black, to create it the correct finish. In areas of the chassis, I applied Kevlar yellow for the base-coat of the decals to follow. I also added some cables that run along the side of the gear lever and the brake distributor, a photo-etched part to which I glued a cable that runs back.

In reality, the rear wing has a movable top element and to hold it firm it has a strut that is fixed to the vertical support. To make this, I used brass sheet, 4mm brass tubing and 6mm outer aluminium tube. In the photos we can also see that I added some rivets to the 'hinges' of the element, all fixed with cyano glue.



Under the car, the floor-plate was painted, then numerous dots of oil paint from AMMO Oilbrushers were applied across the surface...



...the oil paint dots were then blended with a soft brush to emulate a weathered, dust streaked finish



With the bodyshell painted, decalged and solidly clear-coated, the headlight recesses were masked up in readiness for painting

WHEELS AND TYRES

I drilled out the kit's wheels to take new aluminium nuts/pins from Scale Production, then sanded the tyres' treads by fitting them on an old kit rim mounted in my mini drill, levelling the whole surface including the shoulders, to remove any moulding marks. Then I applied the decals, using extra strong Tameo setting fluid and leaving the decal on top without pressing until it was dry. To finish, I applied a very light coat of diluted matt black via airbrush over the sidewall markings, to suggest some usage of the tyres. And there we have it, a classic Tamiya car kit, given a gentle upgrade and a bright new paint and decal-job! ●

TECHSPEC...

TAMIYA 1:24 MARTINI PORSCHE 936 TURBO KIT NO.24004
Materials;

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

Paints used:

- Zero Paints: Brilliant White, BMW M-Power Red, Matte and satin black, Metal Aluminium,
- Gravity Colors: GC-303 Primer
- Alclad 2: Chrome
- Mig Productions: Light Rush Wash MIG-1004
- Molotow: paint marker
- AK Interactive: metallic colours

Accessories used:

- Decalca: switches DCL-PAR022, dashboard lights DCL-PAR010
- Renaissance: Exterior lights 24FP
- Scale Production: rim centre nuts SPA24013

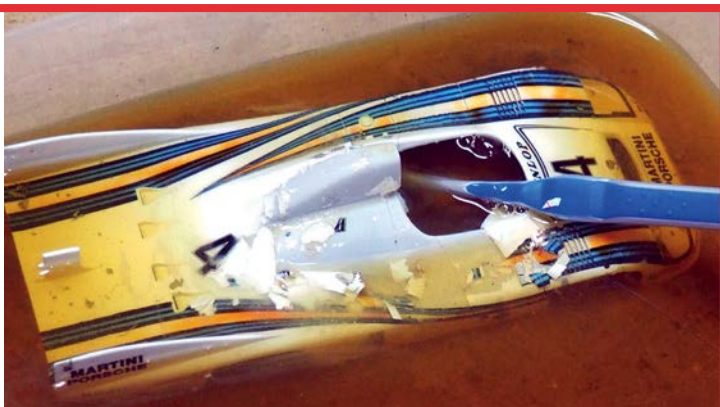
References:

Komakai 'Porsche 936 Turbo walk-around' KOM-FG016
(www.spotmodel.com)

Availability;

- Kit No.24012 is now out of production, please check online auction sites.
- 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
- Decalca, Renaissance: www.hiroboy.com
- Scale Production: www.scaleproduction.de
- Gravity Colors: www.gravity-colors.com

We all make mistakes from time to time! The author was dissatisfied with the first paint and decal finish, so the bodyshell was soaked in brake-fluid to strip it back to the bare plastic. Second time around, we can admire the immaculate finish seen in the article



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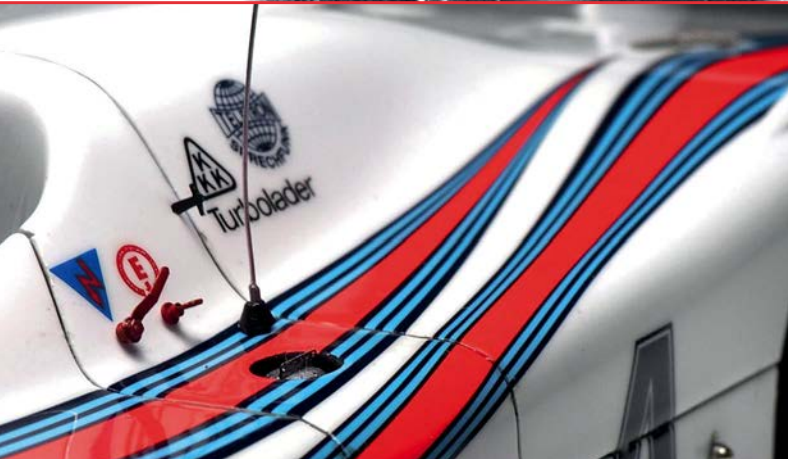
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FULL-BUILD: LE MANS MODEL MOTORSPORT
TAMIYA 1:24 MARTINI PORSCHE 936 TURBO ● KIT NO.24004



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1/48

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See the 1/32 variant - kit #11107 "Adlerangriff 1/32" @ www.eduard.com



Bf 109E-3, Hptm. Adolf Galland, CO of III./JG 26, Caffiers, France, August 1940



Bf 109E-4, WNr. 5153, Oblt. Egon Troha, CO of 9./JG 3, Desvres, France, October 1940



Bf 109E-4, WNr. 3709, Oblt. Josef Fözö, CO of 4./JG 51, Desvres, France, July 1940



Bf 109E-1, WNr. 3771, Fw. Ernst Arnold, 3./JG 27, Peuplingues, France, August 1940



Bf 109E-3, WNr. 5102, Lt. Herbert Kunze, Stab I./JG 77, Döberitz, Germany, June 1940



Bf 109E-4/B, WNr. 3726, Fw. Eberhardt Pankratz, 6.(S)/LG 2, St. Omer, France, October 1940



Bf 109E-3, Hptm. Adolf Galland, CO of III./JG 26, Caffiers, France, late August 1940



Bf 109E-1, WNr. 3417, Gefr. Erich Mummert, 4./JG 62, Peuplingues, France, September 1940



Bf 109E-1, WNr. 3413, Lt. Hans Krug, 5./JG 26, Marquise, France, July 1940



Bf 109E-4, WNr. 3709, Oblt. Josef Fözö, CO of 4./JG 51, Desvres, France, September 1940



Bf 109E-4, Lt. Werner Machold, 1./JG 2, Marigny, France, June 1940



Bf 109E-4, WNr. 5375, Hptm. Wilhelm Meyerweissflog, Stab JG 53, Etaples, France, September 1940



Bf 109E-4, WNr. 4869, Lt. Bernhard Malischewski, Stab II./JG 54, Campagne, France, October 1940

Cat. No. 11144

**SEPTEMBER 2020
 RELEASE**

WWW.EDUARD.COM

FULL-BUILD: WORLD WAR TWO ALLIED ARMOUR

TAMIYA 1:35 RUSSIAN HEAVY TANK JS-2 MODEL 1944 CHKZ ● KIT NO.35289





MAN OF STEEL CAKED IN MUD

Michael Liu creates some highly convincing mud and dust effects on Tamiya's JS-2 'Stalin' heavy tank

I have always wanted to build a classic Soviet tank of World War II, especially one of the heavy tanks for their sheer 'presence'. After looking through wartime pictures, I chose the classic Soviet JS-2 Stalin heavy tank, an icon of the victory of the war. The choice is naturally the best quality kit: Tamiya Item No.35289. This model is widely

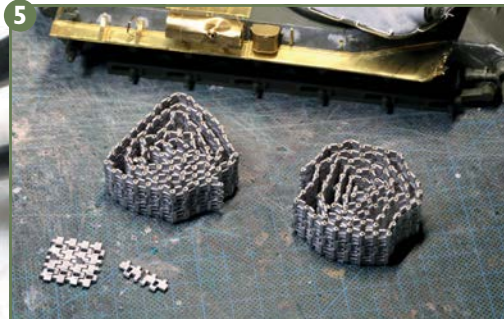
acclaimed and is an ideal choice. However, due to the limitation of plastic materials, in order to better express the details, I added a set of photo-etched fenders, a metal barrel and a set of metal tracks, all model products from China. Next, I will share the construction, painting and most importantly, the weathering processes with you. ▶

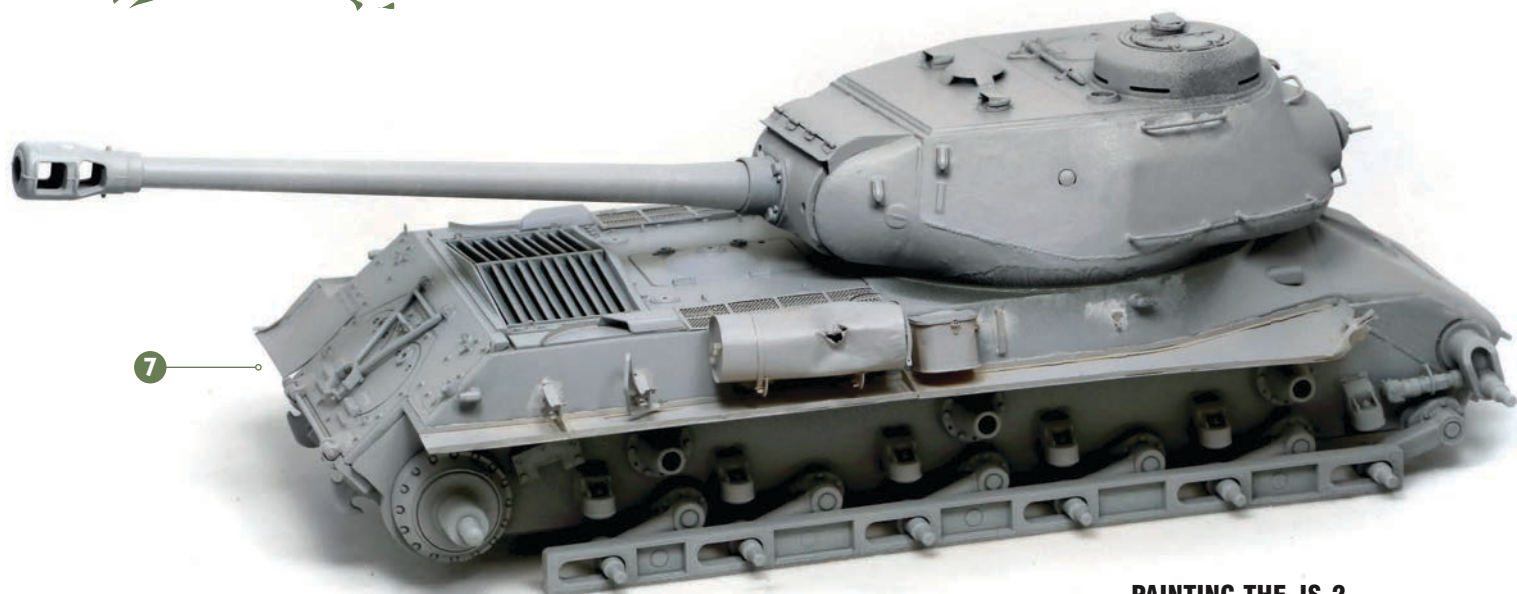
❶ ASSEMBLY AND TRANSFORMATION

Starting from the assembly of the hull, it is necessary to imagine the appearance of the finished model before production starts: where there is war damage, where there will be anti-tank huts, etc., so that each step can be achieved in the assembly and transformation process, to avoid having to rework the kit. At the beginning of the construction, I decided to add a lot of battle damage by referring to the actual photos. Therefore, from the track guards, I used photo-etched brass to create the war distortions (1).

The welding line of the turret was made with liquid cement and stretched sprue. The auxiliary fuel tanks on both sides were also given a 'beaten-up' appearance, and the details were modified with copper wire to make them look more realistic (2). Working with photo-etched parts is more time-consuming, but the final assembled effect is very good (3). Finally, the turret armour was covered with filler to enhance the cast-steel texture and the main structures were complete.

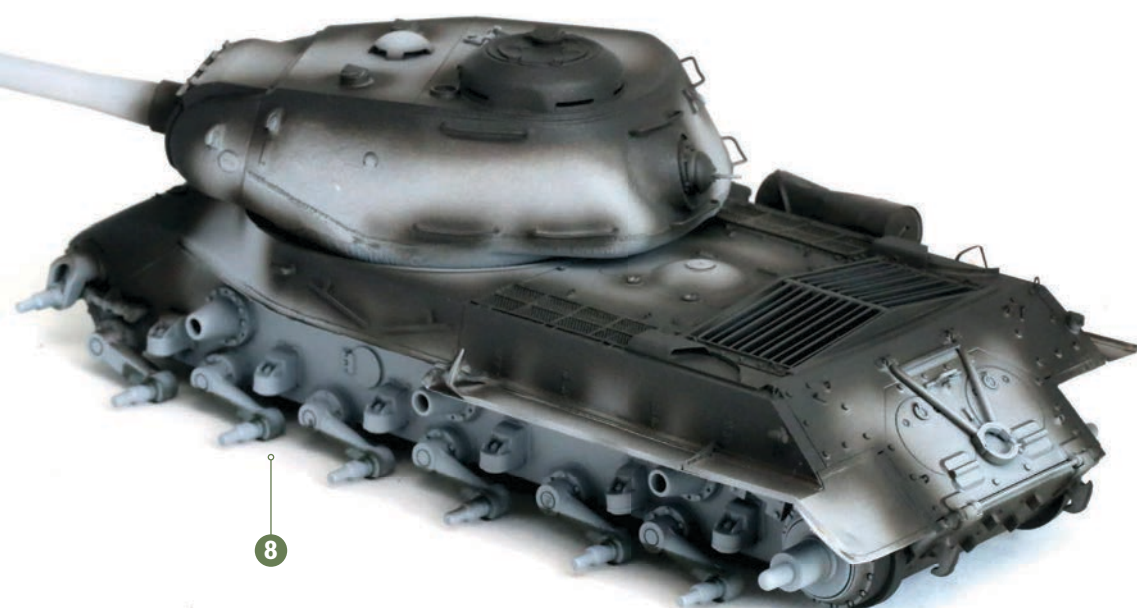
Next up was the assembly of the metal track. The huge tracks of the JS-2 tank are an important visual element of the entire vehicle, and imparting them with the look of 'weightiness' is the key to the model's success. The metal track I used has pin details on both sides, but there are more parts (4) and you will need a bit of patience. After putting it all together, each run feels heavy in your hand (5) and the metal will then be dulled-down with a blackening agent. After the assembly and battle damage work is completed, metal primer must be applied to ensure the adhesion of the paint layers to come (6).





PAINTING THE JS-2

First, I sprayed the whole model with grey primer (7) and then applied a dark colour: here you can choose black and/or brown (8). Next came the spraying of the main colour. The green of the Soviet Union was very variable, but it is too dark to use the exact shade that would have been used on the actual tank. Therefore, I chose to use a relatively 'soft' colour-modulation technique to make the basic tone brighter. The exaggerated highlights and shadows make the vehicle help to accentuate the shapes of the vehicle. I used Tamiya XF-3/4/5/7/3 acrylics and the highlights and shadows were modulated by using different mixes of these colours (9). The tank number was cut roughly from masking tape and a little spray was allowed to leak behind it for a more convincing, hand-painted look (10). ▶



FULL-BUILD: WORLD WAR TWO ALLIED ARMOUR

TAMIYA 1:35 RUSSIAN HEAVY TANK JS-2 MODEL 1944 CHKZ ● KIT NO.35289



TIME FOR MUD AND DUST

I tried to use the hairspray paint method to begin the dust effect on the lower hull. The heavy soil effects need to be made in layers, so the effect looks realistic (11), and then I use a water-based paint pen to brighten the prominent parts (12).

Next, I used wash and filter techniques to enhance the light and shadow changes and used dark oil paints to simulate stain marks. After the paint was completely dry, I continued to use oil paints to enhance the rust and dark flow marks and I also applied a second layer of 'floating' dust with natural soil at this stage. According to the previous thoughts, the running gear tracks need to be given a more heavily soiled effect. I used gypsum (plaster powder) mixed with natural soil, oil paints and enamels to form the soil-accumulation effect (13).

I then used deep earth colours to create further changes in the tones and 'moistness' of the soil (14), while continuing to weather the whole hull and turret, adding more layers of oil and dust effects, the purpose being to make the ageing of the vehicle more realistic and rich. The treatment of the tracks and the running gear were carried out at the same time, with the focus on the changes in the thickness of mud build-up. After the tracks were installed, continue to fine-tune it so that it can fully integrate into the overall ageing. Finally, I added a red Soviet flag that creates a strong colour contrast, increases the visual appeal of the model and symbolises the Soviet victory in World War Two. ●







“The heavy soil effects need to be made in layers, so the effect looks realistic...”

TECHSPEC...

TAMIYA 1:35 RUSSIAN HEAVY TANK
JS-2 MODEL 1944 CHKZ KIT NO.35289

Materials;
Injection-moulded polystyrene, polycaps,
photo-etched metal, synthetic rubber tracks,
waterslide decals

Paints used:
Tamiya Acrylics: XF-3 Flat Yellow, XF-4
Yellow Green, XF-5 Flat Green, XF-73 Dark
Green JGSDF

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



www.creativemodels.co.uk

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FULL-BUILD: STREET MOTORCYCLE

TAMIYA 1:12 HONDA CBR1000RR-R FIREBLADE SP ● KIT NO.14138



BLADE of GLORY

Robert Riley sprinkles his magic dust over Tamiya's all-new 1:12 Honda CBR1000RR-R Fireblade SP



FULL-BUILD: STREET MOTORCYCLE

TAMIYA 1:12 HONDA CBR1000RR-R FIREBLADE SP ● KIT NO.14138

When the opportunity arose to build the latest 1:12 Motorbike offering from Tamiya, I knew it was a no-brainer. My last bike build was the gorgeous Tamiya Ducati 1199S Tricolore Nero edition back in 2018, so I knew I was ready again for two wheels. With that in mind as my comparison, this latest bike somehow felt different. The plastic seemed lighter in weight, the instructions as hard as it could be seemed clearer but the two things remained the same and that's Tamiya's famous attention to detail and quality in design.

The 2020 CBR has been captured beautifully in 1:12 from its 215hp, four-cylinder engine, down to the MotoGP RC213V-inspired swingarm design. And to back that up, a Titanium Akrapovič exhaust system. Inside the box sees many superbly moulded parts, including some very welcome pre-drilled, front and rear disc brakes which I know will please many of you out there. The main frame has a very simple construction process compared to the engine which is a much more detailed affair. As an addition to the kit, Tamiya offer the Detail-up Fork set which comprises turned metal forks with upper and lower adjoining parts, a pre-painted yellow coil spring and a turned metal oil reservoir tank.

SETTING THE SCENE...

As with all Tamiya bikes, we are supplied with a bag of screws to help build up and affix certain areas to their respective points securely. My goal was to do away with all screws where possible by replacing them with various sized aluminium rod or in my case, Hobby Design's steel rod. Cutting the steel rod requires a diamond cut blade disc attached in a Dremel (other power tools are available) which are pretty inexpensive and can be picked up easily. Other than the addition of the Detail-up set and as much reference as I could gather, this was being built straight out of the box in the factory Racing Red/Blue livery.

FRAME AND REAR SUSPENSION



A dry-fit mock-up of the main frame and basic parts, sitting in the MotoJig

Even if the first coat of colour is the Zero light grey primer, the detail stands right out and looks great as the frame takes form



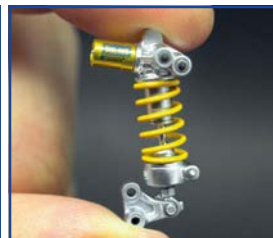
The bulkhead after masking was finished in semi-gloss black with added photo-etch details and decals. A clear contrast to the Matt black frame



Here are is mixture of box-stock shock absorber parts and the Detail-Up aftermarket details - spring and oil reservoir



All parts after paint work with added details using a mixture of Tamiya's fantastic LP metallic range and Zero Paints



Complete shock absorber part and now ready for installation. This will be fitted using metal rod in place of the box stock screws



Nine colours were used to airbrush and hand-paint the beautifully moulded chain and bring it to life



The MotoGP inspired rear swing arm all complete. Various black shade finishes and decals added to finish up, again using the Tamiya LP range



The completed frame with all mechanical parts fitted prior to being closed up by the fairings

TRIM, SAND, DRY FIT, GLUE...

The first priority is the engine and all parts were trimmed away and cleaned up as per the usual method. The detail is on point here, very nicely moulded in all areas and after a dry fit I decided the best route was to colour the individual parts first. The upper part of the block is called out to be titanium silver with the lower in Mica Silver. If the block is fixed together first, this would make masking the two separate areas a bit of a pain due to the nature of varying surface detail. So, everything was painted LP-63 Titanium Silver, masked off then the lower section airbrushed in Zero Paints Aluminium. The colour difference is subtle but on closer inspection noticeable.

Once all pieces were glued together, Tamiya's Panel Line Accent Color (black) was dropped into the recess between the two sections to give a better colour split, giving the impression of two separate metal components. The next adjoining parts were painted as instructed and fixed into place following the Tamiya stages. Framework with rear swing-arm is next; all was tidied up and glued together as instructed. This then was mounted together on the awesome MarcoMotoDesign 1:12 Motojig, a jig specifically designed to help us build our model bikes without the need to handle them too much during build up. This gave me the first chance to see the CBR take shape, albeit a bit naked.

Back to the frame and Tamiya call out for the whole area front to back (bar the bulkhead), to be finished in TS-40 Metallic Black. On closer inspection of the real bike, that metallic black colour is minimal and barely noticeable. So I decided matt black seemed more appropriate, plus would contrast nicely against all the other black finishes in that area. The rear frame tail section also seemed to have a glossier finish to it, so that was coloured in LP-1 Black (gloss) along with the bulkhead at the front, and the rear swing-arm in Semi-Gloss black. ▶

BUILDING UP THE ENGINE



An array of engine parts to hand prior to being worked on and dry fitted together. The level of detail from the Tamiya mould is very good

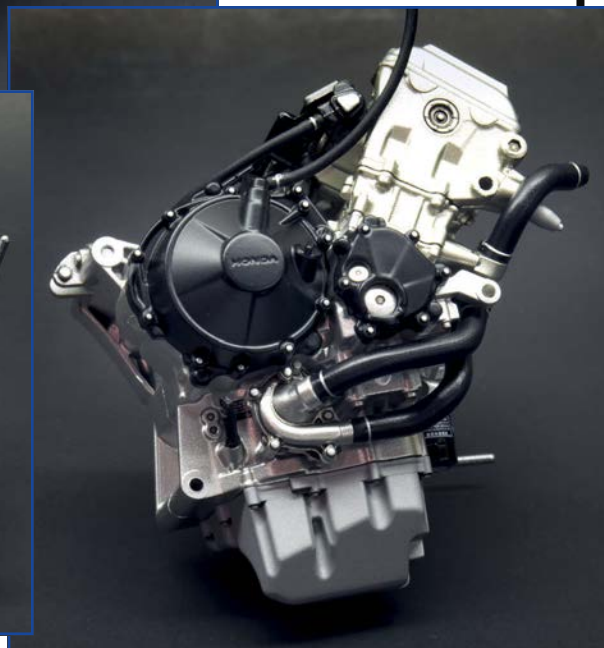
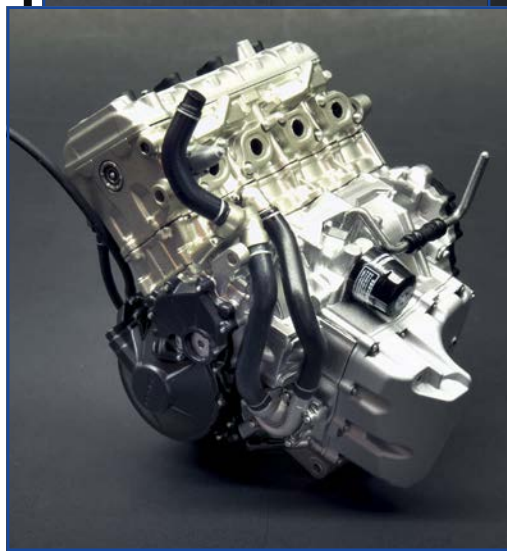


Many of the parts have already been painted and then masked accordingly ready for the final Zero Paint stages



Not much of the engine can be seen with the cowlings fitted!

The main engine block is complete and ready to be placed into the main frame work. Airbrushed using a mixture of Tamiya's LP range and Zero Metallics, each bringing the whole area to life and give purpose for parts. Again the detail level straight from the box is fantastic



TWEAKING AND FINISHING THE EXHAUST SYSTEM



The whole exhaust was built up and ensured all located as intended. Be careful of the lower middle collar piece on fitment as it's a very tight fit



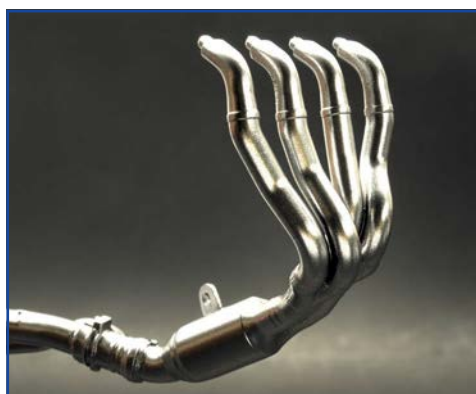
The rear silencer end-piece showed a noticeable join line, so using real reference the author added a thin weld-line using two part epoxy putty



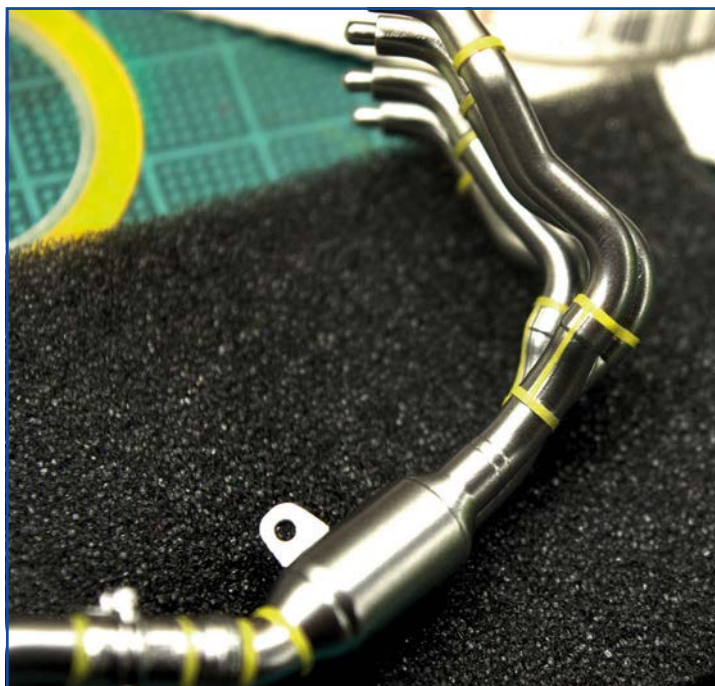
Part 1 of the colour work requires a dark, smooth glossy base to help the metallic pigments shine. Tamiya's LP-1 black is perfect for this job



Zero Paints Chrome is up next as this will form the base of all the metallic work after. Several light, build layers were applied



As a result from the gloss black base levelling out smoothly, the Zero's chromes deep reflective sheen could settle as intended

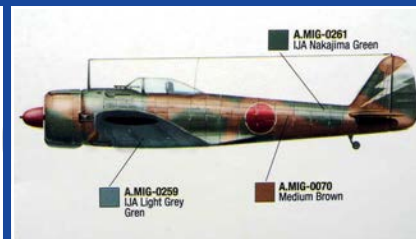
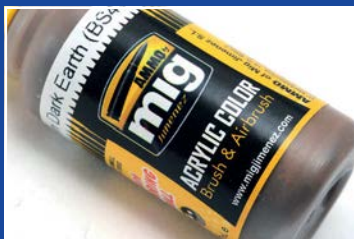


Thin 0.4mm Aizu masking tape was applied to various weld joins and lines from the manifold down using real reference and some creative thinking

Mini Review...

AMMO BY MIG JIMENEZ WWII IMPERIAL JAPANESE ARMY AIR SET (A.MIG-7229)
www.migjimenez.com

This handy pack of six, 17ml bottles of acrylic paints includes Medium Brown (A.MIG-0070), Aluminium (A.MIG-0194), IJA Grey Green (A.MIG-0258), IJA Light Grey Green (A.MIG-0259), IJA Kawasaki Green (A.MIG-0260) and IJA Nakajima Green (A.MIG-0261). These are the main shades used on aircraft exteriors by the Imperial Japanese Army during the Second World War and it's convenient to have them all in one box!





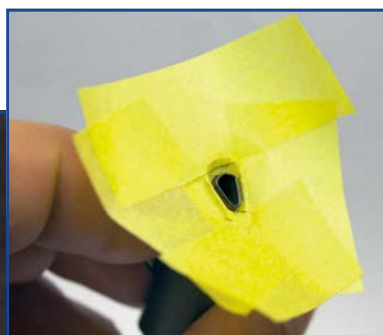
All complete and ready for the next colour stage. ZP Titanium Silver was applied to give a closer to realism finish and to form the starting point of heat-staining work



Alclad's transparent and Hot Metal colour range is perfect for any heat work. They are thin enough to airbrush at low pressure and give vibrant results



Each weld line was carefully and thinly airbrushed over with transparent smoke to give depth and once the masking is removed - a defined line



Careful masking was applied to very tip of the exhaust exit and then airbrushed in steel to give a clean visual separation of metallic components

An ideal result was achieved using as much reference as that could be found, plus some artistic license along, applying decals to finish



❶ Various decals were placed, photo-etched rivet faces from Top Studio glued on, rear fender fitted and some other bolt-heads hand-painted to finish up. The whole area looked much more aesthetically pleasing with each area now having a defined purpose. Time to mount that engine; it's always a great feeling seeing these two main sections come together as this is where the bike starts to take shape. Tamiya call out for screws here but as previously mentioned, they were replaced with the Hobby Design rod with the

rod ends sealed up with TS photo-etched hex rivet heads.

The final areas to be worked and detailed were the chain and rear shock. Tamiya's set kit offers the pre-painted yellow shock and golden reservoir and these were fitted to the metal shaft box included and painted with LP paints to give a convincing finish.

The chain steps are always fun as, like the exhaust, this is a very noticeable area. The whole part was airbrushed in Zero's chrome silver, mainly for the bolts, which were carefully sealed

over with Blu-tack. Tamiya says the cogs are silver but I felt a Titanium Silver seemed more appropriate, due to the nature of surrounding colours which could clash and look a bit, well, boring.

The main cogs were airbrushed in LP-63 Titanium Silver, masked off, then the chain painted metallic grey, given a black colour-wash to darken the links then drybrushed back up in silver shades to pick out the detail. All was de-masked and tidied up with various techniques for that final look.

EXHAUSTING!

Now for some fun. The exhaust is one area that can make or break a build for me, as the exhaust is one hell of a focal point on a bike. My angle for this particular area was to suggest the bike has had track use but in keeping with its modern release, not to overdo it. So some heat-staining would be visible but not so much as to spoil the overall finish. References for the 2020 bike were thin on the ground so I used what information I had, combined with what previous CBRs looked like. ❷

FULL-BUILD: STREET MOTORCYCLE

TAMIYA 1:12 HONDA CBR1000RR-R FIREBLADE SP ● KIT NO.14138

❶ All was built together following the instructions except for some rework at the end of the silencer with Green Stuff epoxy putty to simulate a thin weld and to tidy up what would have been a plastic join. Everything was primed and then given generous coats of Tamiya's LP-1 Black (gloss). This stuff is gorgeous to work with and the finish is just superb. I generally thin my solid LP colours by adding 40% Mr Color Leveling Thinner. This slows the curing process down and helps colours flow easier which in turn gives a smoother finish.

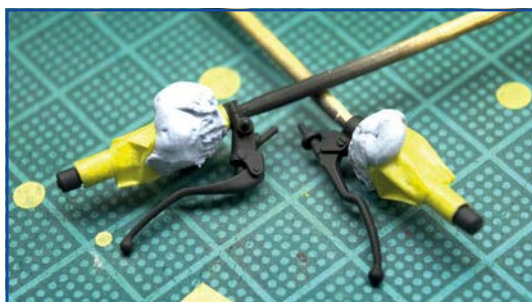
Zero Paints Chrome is next with an even colour being built up in several light layers. All weld seams were then masked over using 0.4mm Aizu masking tape. Again, out came the Zero, this time seeing the whole exhaust airbrushed in Titanium Silver. Each weld seam was airbrushed around with Alclad 2's Transparent Smoke followed by heat detailing using Alclad's Hotmetal and Transparent colours. The down-pipes and shorter/smaller exhaust pipe were treated independently to Alclad 2's Candy Yellow and shaded further with various Hot Metal tones to simulate heat exchange.

Then, all areas except the silencer and middle collar-piece were masked over. The exposed parts were coloured in Tamiya's Titanium Gold, but for me, this was too bright and created a plain-looking plastic finish. So several light layers of Alclad 2 Transparent Smoke were airbrushed to help mute the finish by filtering it back slightly. All that is left was to remove the weld masking, tidy up the area with various finishing touches, apply the decals and fit the exhaust. Various other mechanical components were built up and fitted following the stages taking us over to the front fork set up. ▶

DETAILING-PAINTING THE HANDGRIPS AND STEERING



The first port of call was to colour the easiest part: airbrushing the grips rubber black. These were masked over followed by matt black



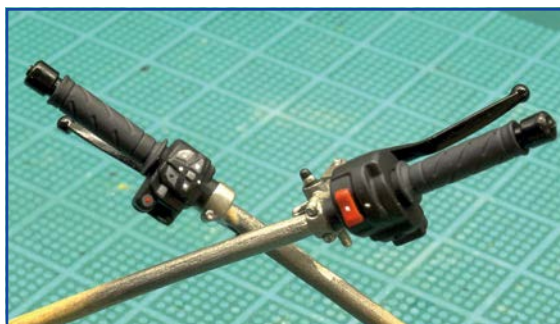
All the previous work on both grips were then carefully masked over with the next colour being LP-1 black



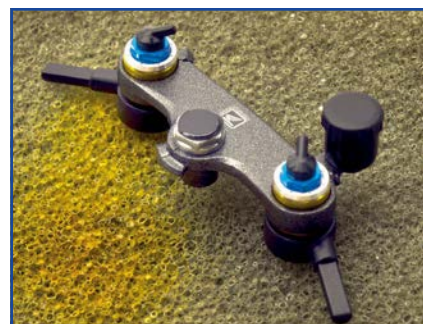
A great result worth the time taken to achieve. The subtle colour shades give each parts their defined use and material



Tamiya supply decals for the switches and buttons on the left stalk but the author felt they'd look unrealistic, so instead, opted to hand paint them



Both handlebar controls were now detailed and ready to fitted to the top yolk



The instructions call out for the top yolk to be a gloss black, but a light dusting of metallic steel looked much nicer and gave a more 'bespoke' look



Handlebars were now located and screwed into place. Tamiya's Detail-Up parts look fantastic sitting on top of where the front forks meet

TAMIYA'S DETAIL-UP FRONT-FORK SET



Tamiya's Detail-up aftermarket sets are now becoming an essential addition for our bike builds and the CBR's are no different - a simple and instant improvement



The contents of the Detail-Up pack give us brass turned forks, top turned metal parts, lower metal inserts and lower plastic arms

A dry fit showing the front parts build up using the Detail-Up set



The Detail-Up parts fit snugly together following the Tamiya stages



The complete front end with wheel in situ. The wheel was fitted here with the screw being replaced by metal rod



The lower arms on the forks were painted with Tamiya's LP sparkling silver and hand paint detailing to finish with added decals

PREPARING THE TYRES AND WHEELS



Both wheels were airbrushed with Tamiya's LP-1 black and brake discs fitted. After the seams were removed the tyres were fitted to complete the look

The wheels themselves look superb but on both inner rims, there were mould seams. These had to be sanded away for a better finish



An earlier dry fit on the Motojig to check rear wheel alignment and future planned processes



FULL-BUILD: STREET MOTORCYCLE

TAMIYA 1:12 HONDA CBR1000RR-R FIREBLADE SP ● KIT NO.14138

➤ ADDING IN THE COLOUR

Once two halves of the mudguard are built, this now was an ideal time to get some colour-work on the body parts. I used the Zero Paints Racing Blue/Red pack for this. The red is a perfect match but the blue, although such a nice colour, seemed to be a little darker than I hoped. Still, I ran with it anyway following the guidelines for the Tamiya paint method, using the masking templates supplied and all seemed okay. The decals were applied accordingly all over, left to cure for twenty-four hours then clear-coated using Zero Paints two-pack Diamond Gloss for that extra gleam.

The Diamond gloss laid

down perfectly, picking out the curves on the fuel tank and the angles of the side fairings really nicely. With the mudguard now ready, the fork set-up could be completed. The wheel was fitted up with the centre-screw being replaced with metal rod, callipers glued in place, hoses plumbed in then all was screwed into the frame. All that was left was to detail the fairings by adding photo-etch round rivet faces to their respective points, these replacing all their decal equivalents supplied in the kit. Any Tamiya screws used in the final build up would be covered and not seen, so at least some didn't go to waste! ➤

PERFECTING THE BRAKE DISCS



Pre-drilled disc brakes front and rear are a very welcome inclusion to the CBR kit. Superbly moulded and detailed giving us great scope for colour work



Plenty of colours in each area giving a defined purpose for each specific part. Another great design from the Tamiya team

PAINTING AND DECA



Breaking down the parts for the bodywork and clean up. The front mudguard and lower panel need to be built up from separate halves



After a white primed base, red is the first stage in the colour process to be applied. Several build layers were applied until coverage was complete



After applying the masking process to be applied. Several build layers were applied until coverage was complete



Zero Paints 2 pack Diamond Gloss clear was applied over all finished panels. The fuel tank's curves look superb in gloss

PAINTING THE COWLING PARTS



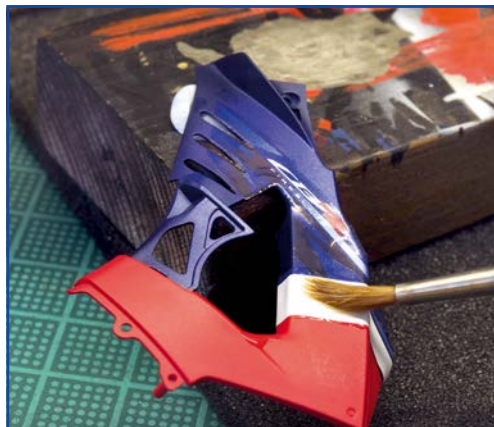
A quick check and mock up for yet more dry fitting. An important stage in all areas so we understand the process and check for any issues



Zero Paints offer a two part paint pack just for the CBR. These will need a clear-coat afterwards to ensure the colours come to life



Using templates supplied in the Tamiya box for your own to lower fairing, the exposed areas were blue



As smooth as the paint laid down, the Tamiya decals would have handled better over a glossy base, as they seemed to be a struggle



The completed panel pre-clear. All panels are now ready to be sealed in



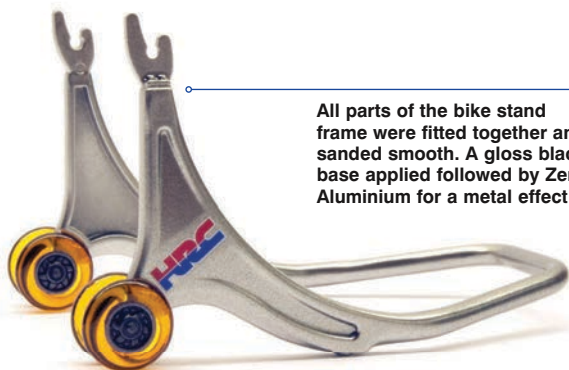
Both Honda badges took a little work: a gloss black base followed by Zero's Chrome silver, the opaque logo decal applied then a gloss clear to seal



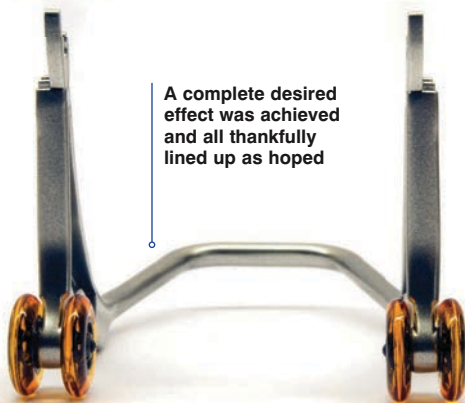
PAINTING THE BIKE-STAND



The bike stand wheels are moulded in clear styrene. They were airbrushed in transparent orange, the outers were masked and the inners airbrushed in gunmetal



All parts of the bike stand frame were fitted together and sanded smooth. A gloss black base applied followed by Zero Aluminium for a metal effect



A complete desired effect was achieved and all thankfully lined up as hoped



The Tamiya HRC bike stand fits snugly onto the lower rear of the swing arm, it's very sturdy and supports the model bike safely





FINAL THOUGHTS

Tamiya have really hit this latest bike model out of the park! The fit, design and engineering is superb, detail level in all areas is on point and that, of course, extends to the Detail Up parts. This has definitely been a really enjoyable model for me to work on and one that I'm sure many of you out there will do to. The CBR has finally hit the shelves so is available for all to get stuck into now! ●



FULL-BUILD: STREET MOTORCYCLE

TAMIYA 1:12 HONDA CBR1000RR-R FIREBLADE SP ● KIT NO.14138

TECHSPEC...

TAMIYA 1:12 HONDA CBR1000RR-R
FIREBLADE SP KIT NO.14138

Materials:

Injection moulded plastic complete with rubber tyres, screws, rubber tubing, paint masking templates and waterslide decals

Paints used:

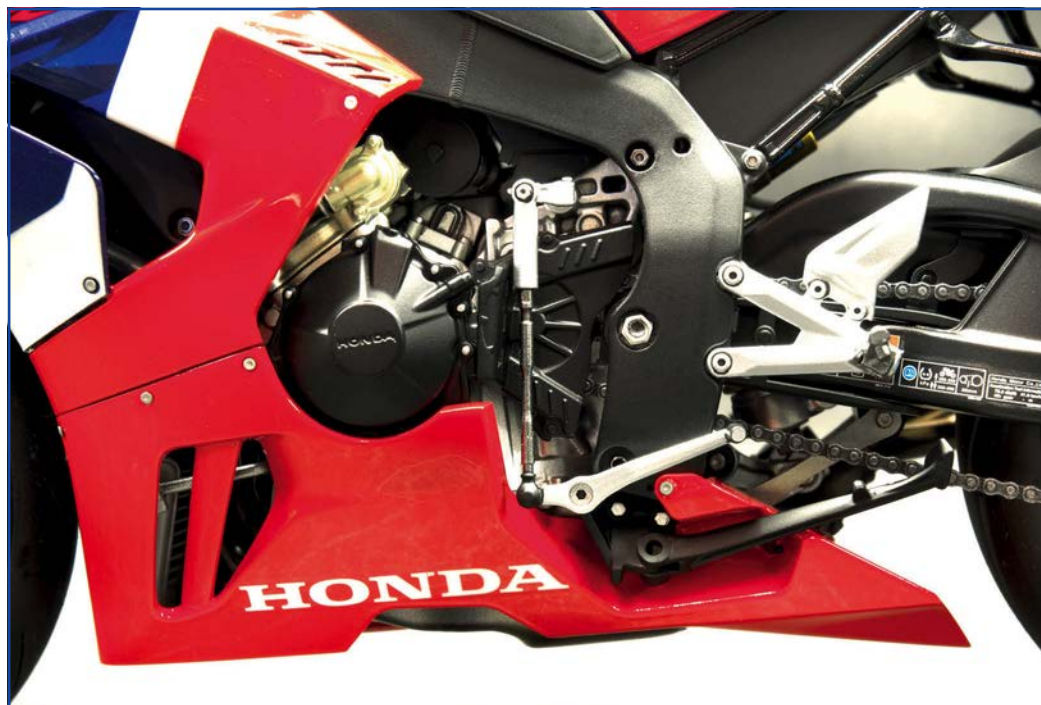
- Airbrushed using the full Zero Paints system: Light Grey primer, Grand Prix Red/Blue Paints (ZP-1662), 1k clear-coat, 2 Pack Clear-coat diamond Finish, Various Zero Metal finishes, rubber black
- Alclad 2 Colours: Stainless Steel, Various Hot Metal Shades, Candy Golden Yellow, Transparent colours
- Tamiya Lacquer Paints: Black, Semi-Gloss Black, Flat Black, Titanium Silver, Titanium Gold, Metallic Grey, Gun Metal Grey, Sparkling Silver, Mica Silver, Flat Aluminium Plus Various Tamiya Acrylics, Black Panel Line Accent, Grey Panel Line Accent And Citadel Paints

Accessories used:

- MarcoMotoDesign: 1:12 MotoJig
- Tamiya Detail-Up Parts: 1:12 Front Fork Set (12690)
- Top Studio: 0.6mm – 1.3mm Photo-etched Nuts; Hex and Round
- Hobby Design: Steel Rod 1.0mm, 1.2mm, 1.4mm, 1.5mm

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
- MarcoMotoDesign, Top Studio, Hobby Design, Zero Paints: www.hiroboy.com



“Tamiya have really hit this latest bike model out of the park..!,,



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THE CREW WERE MOSTLY KIDS: ROCK 'N ROLLERS WITH ONE FOOT IN THEIR GRAVE..

Kevin Ottens spruces-up the cabin of Dragon's 2007 1:35 UH-1D Huey using Eduard's super-detail set, which is included in the box!



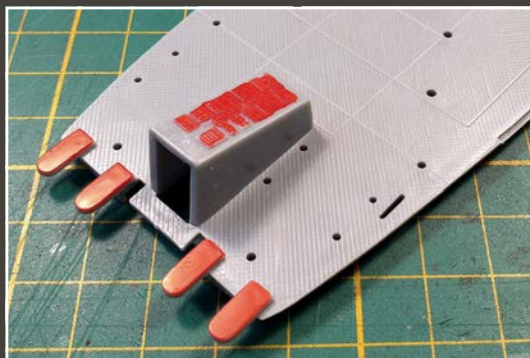
One sprue with pre-printed photo-etch parts for the dashboards and seat belts. One fret of photo-etched brass parts that give the model a little more detail

Some time ago I became inspired by the movie 'We Were Soldiers' to build a model of a Bell UH-1D Huey. This workhorse of the Vietnam War should be in the spotlight a bit more: the UH-1C and UH-1D were released in scale model form, but there is some variance in brand and scale. I quickly chose the 1:35 Dragon kit number 3538. I have always been

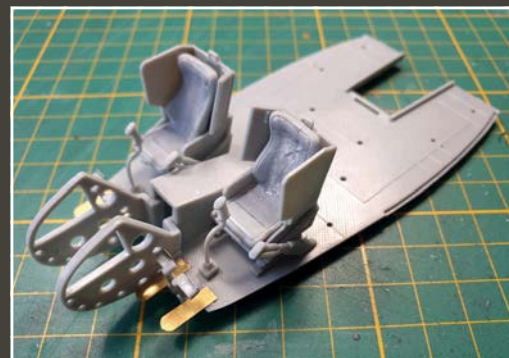
a fan of Dragon because of the extremely detailed kits. Unfortunately this is not an original Dragon kit, but a Panda Hobby (Now Kitty Hawk) re-box. Dragon used the moulds and added photo-etch material itself, some Eduard PE in this edition and some figures that came from their 1:35 OH-6 series. The quality of the kit is mediocre at best, but the photo-etch material makes up for it.



This is the beginning of the construction of the interior. The option has been given to use PE material, so you have to prepare some parts that need to be removed before the PE parts can be glued down



The parts that needed to be removed have been coloured red with a Sharpie



The armoured seats including the frame have been placed, but as a dry-fit so that everything can be painted easily



HISTORY AND TECHNIQUE

While earlier 'short-body' Hueys were a success, the Army wanted a version that could carry more troops. Bell's solution was to stretch the HU-1B fuselage by 41in (104cm) and use the extra space to fit four seats next to the transmission, facing out. Seating capacity increased to fifteen, including crew. The enlarged cabin could also accommodate six stretchers and a medic,

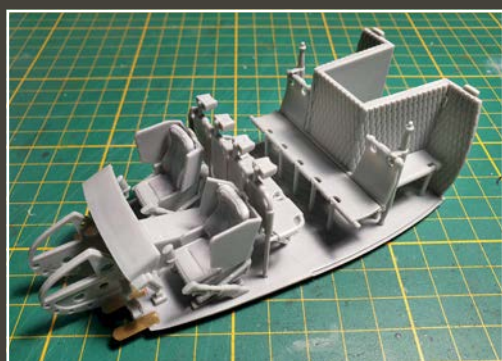
two more than the earlier models. In place of the earlier model's sliding side doors with a single window, larger doors were fitted which had two windows, plus a small hinged panel with an optional window, providing enhanced access to the cabin. The doors and hinged panels were quickly removable, allowing the Huey to be flown in a 'doors off' configuration.

The Model 205 prototype

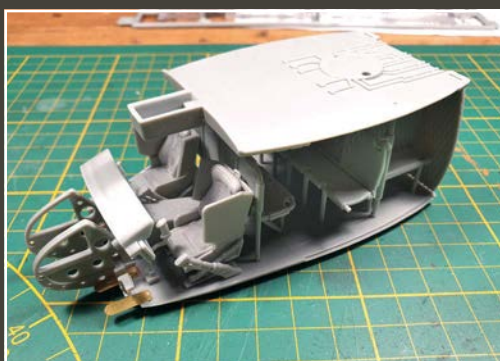
flew on 16th August 1961. Seven pre-production/prototype aircraft had been delivered for testing at Edwards AFB starting in March 1961. The 205 was initially equipped with a 44-foot (13.4m) main rotor and a Lycoming T53-L-9 engine with 1,100 shp (820 kW). The rotor was lengthened to 48 feet (14.6m) with a chord of 21 in (53cm). The tail-boom was also lengthened, in order

to accommodate the longer rotor blades. Altogether, the modifications resulted in a gross weight capacity of 9,500 lb (4,309kg). The Army ordered production of the 205 in 1963, produced with a T53-L-11 engine for its multi-fuel capability. The prototypes were designated as YUH-1D and the production aircraft was designated as the UH-1D. ▶

*source - Wikipedia



The second row of seats has been placed. This was the only part that was more difficult, because the uprights were not fixed as well as the legs. This made it difficult to make a dry fit of all three parts. Finally succeeded! So the second row of seats could also be painted separately



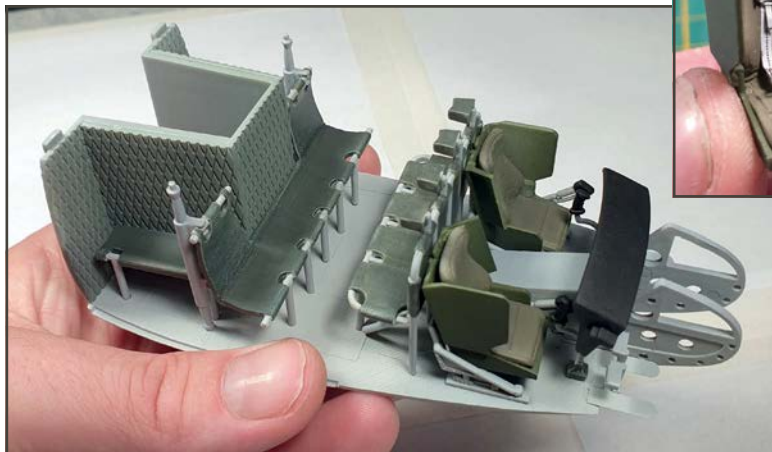
The roof has been fitted. This means all the parts for the interior are ready to be painted and weathered



Before everything on the interior needed to be painted, the author first tested the fitting of the large fuselage parts. Everything fitted almost without any sanding!

FULL-BUILD: MILITARY HELICOPTER

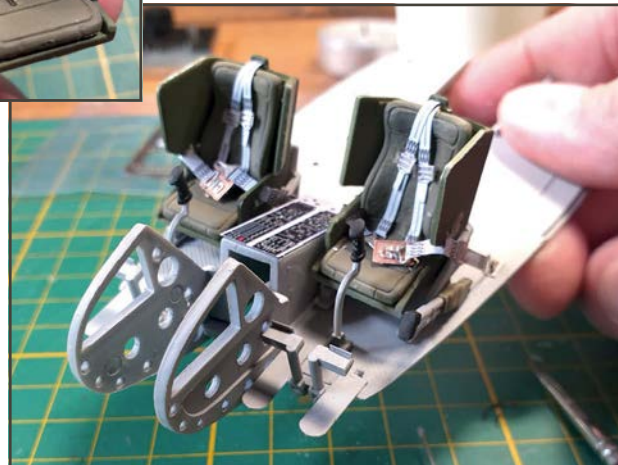
DRAGON 1:35 UH-1D HUEY ● KIT NO.3538



Everything that had to be painted with both airbrush and by hand is finished. The loading floor and parts with the same colour grey were painted with Vallejo Model Air Light Gull Grey. For the wall with insulating coating, Bronze Green and Pastel green from Vallejo Model colour were used, diluted so that it could be applied with the airbrush. The dashboard with 'glare shield' was painted black and OD Green was used for the armoured seats. The benches were painted by hand and Model Color Black Green was used, drybrushed with Pastel Green and Khaki



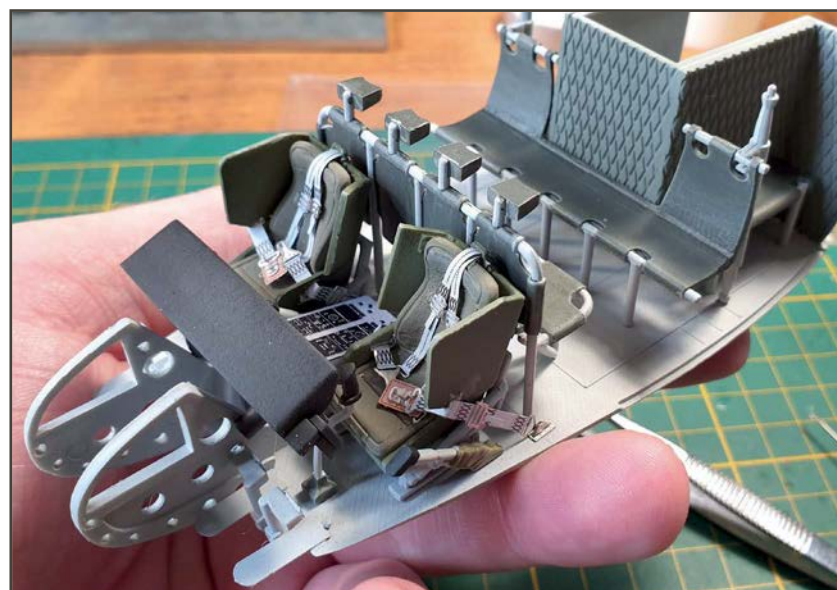
The seatbelts from the pre-recorded photo-etch sprue were super easy to work with. They really bring some detail to the model



Both front seats are being decorated with PE. The seats were then glued down on their position



The photo-etch parts for the dashboard have been fitted. The dashboard consists of a black back plate with all the clocks, and a plate for the housing. In this way you get a 3D, realistic dashboard



The dashboard has been glued down in front of the pilot seats

All photo-etch parts for the interior have been applied. Two sets of seat belts for the pilot and co-pilot, twelve sets for the crew. Also the centre console is finished

Mini Review...

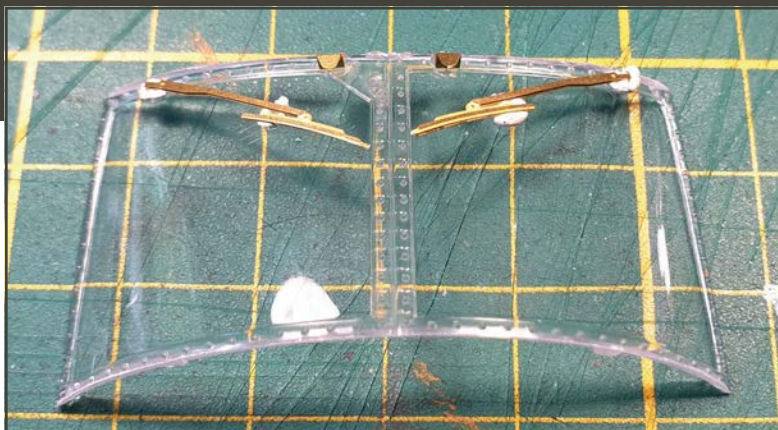
ICM 1:35 BRITISH VICKERS MACHINE GUN
www.icm.com.ua

ICM have recently tooled a new Vickers machine gun on a tripod mount and now they have released the weapon as a stand-alone kit, which is a very smart idea. Two guns are provided, plus two tripods in high-set and low-set configurations. Oddly, there is only one ammunition box, ammo belt, water-can and upper mount, which seems a shame because two complete gun set-ups could have been made from the kit. Very nice detail all around, with clean mouldings

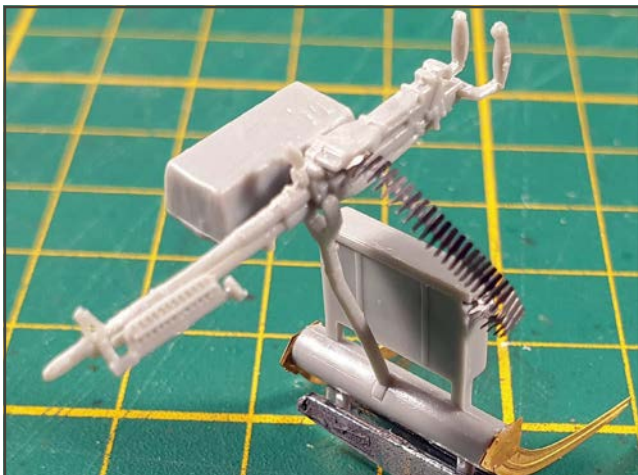




PE parts to enhance the gear of the main rotor



PE Parts for the windshields are temporarily fixed so they can be painted separately



The fixed M60 is the last thing that had to be done on the construction. The ammunition guide was fabricated from a straight piece of plastic. The author heated it but it broke into three places when trying to bend it into the right shape. The spares box provided an ammunition belt which was used instead of the plastic part



The build of the Huey has been concluded. The fixed M60 will also be painted separately. The model will be degreased and prepared for its first layer of paint



FULL-BUILD: MILITARY HELICOPTER

DRAGON 1:35 UH-1D HUEY ● KIT NO.3538

IN SUMMARY

For a kit that I consider mediocre myself, I had quite a bit of fun with it. The quality can be compared to older Revell or Academy kits and the PE parts add some detail. CMK made a number of detail sets for this kit, but because it was already almost €80 I did not want to spend the money on them. None or hardly any kits have been released of a UH-1D, so this kit could have a lot of potential. Do I recommend this kit? If you like Hueys then definitely yes. The scale makes it a great kit, which you can definitely spice up with a crew and some stowage. If you like hugely detailed kits, you better pass it up. Dragon have created some really nice and detailed kits over the years so I was a bit disappointed that they hadn't designed this kit. Nonetheless, it turned out great and I really enjoyed building it. So, enough bashing! The complete build with all photos can be seen on my Facebook page, Mindblown Modeling. ●



The painting of the Huey has started. First of all, the interior was protected with sponge and masking tape. A coat of Vallejo Gray Primer was then applied. The weathered OD green would then be airbrushed in a few steps. First an even layer is applied. A ratio of 60% Vallejo Model Air Olive green and 40% White. Then a double layer of Ammo or MIG Chipping fluid 'scratches effect' was applied. This layer is therefore intended for the highlights. As the second layer, an even coverage of 80% Olive Green and 20% Light Brown was applied, serving as the main colour.



The kit actually contains a full set of crew of two pilots and two gunners. Still, the author thought the M60 was interesting to add. The head from a helmet was removed. The M60 was painted with Vallejo Model Color Black Grey for the steel parts and black for the plastic parts. Everything was then given a dark colour-wash, followed by a drybrushing with Vallejo Pigments Dark Steel. The helmet was simpler: OD Green and then the dark brown 'wash

The rotorhead was completely weathered. For this, AMMO by MIG Engine Grime was used for the grey/brown grease. And for the dripping oil combination of AMMO by MIG Fresh Engine Oil and Black Pigments were used to create a nice shiny black sludge, typical of oozing oil



TECHSPEC...

DRAGON 1:35 UH-1D HUEY KIT NO.3538

Materials;

- Injection-moulded grey polystyrene, clear polystyrene, photo-etched brass, water-slide decals

Paints used:

- Primer: Vallejo Gray Primer 74.601
- Vallejo Model Air: 043 OD Green, 001 White, 027 Light Brown, 002 Yellow, 084 Fire Red, 057 Black, 056 Black Grey, 121 Light Gull Grey,
- Vallejo Model Color: 855 Black, 862 Black-Grey, 892 Yellow Olive, 880 Khaki, 897 Bronze Green, 920 German Field Green, 885 Pastel Green, 993 White, 864 Natural Steel, 934 Transparent Red, 936 Transparent Green
- Vallejo Varnishes: 510 Gloss Varnish, 520 Matt Varnish
- Ammo of MIG Washes: Dark Wash, Dark Brown Wash For Green Vehicle, Filter for 3-tone Camo
- Ammo of MIG Weathering: Engine Grime, Fresh Engine Oil, Black Pigments
- Ammo of MIG Oilbrushers: Field Green

Availability;

- Dragon models and accessories are widely available from good model shops and online. UK import and distribution by The Hobby Company; www.hobbyco.net
- Search online for this particular kit, it is getting quite rare
- Vallejo: www.creativemodels.co.uk

“We will ride into battle,
and this will be our horse,”

- Hall Moore





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03853 Tornado GR.4 'Farewell', 1:48

LEVEL 5
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NEW PARTS



© Dr. Andreas Zeitler

03849 Tornado ASSTA 3.1, 1:48

LEVEL 5
★★★★★



03856 CH-53 G5/G, 1:48

LEVEL 3
★★★



07654 Gift Set - Motorhead Tour Truck, 1:32

LEVEL 5
★★★★★

NEW PARTS



07674 VW T1 Camper, 1:24

Available from all good model
stockists and online from

hobbycraft

hobbycraft.co.uk/brand/revell

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EDUARD, CZECH REPUBLIC

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

Eduard's own 1:48 P-51D Mustang gets quite a treat this month with a fully detail Packard-Merlin engine, complete with bearers, firewall, accessories and ultra-thin cowlings. The detail in this upgrade set is astonishing and it will take time to assemble and paint. Also, HK Models' huge 1:32 Lancaster gets a set of main and tail-wheels and, as you'd imagine, they are enormous. The flat-spots to represent the bomber's weight will add a lot of realism to the model.

1:48 BRASSIN

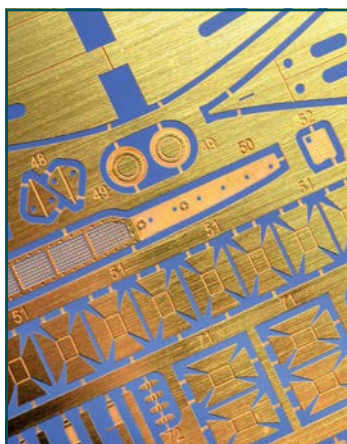
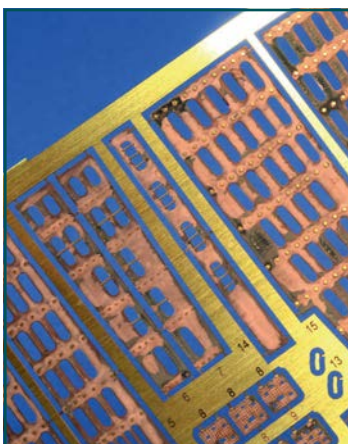
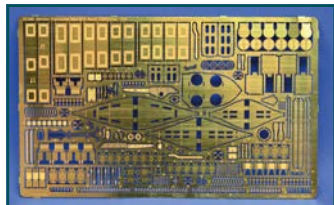
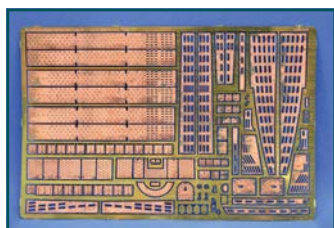
- Sky Shadow ECM pod (648528)
- AN/AAQ-13 LANTIRN pod (648548)
- AN/AAQ-14 LANTIRN pod (648553)
- AN/ALQ-99 pod high band (648554)
- P-51D engine (648555) for Eduard kit

1:32 BRASSIN

- Lancaster wheels (632144) for HKM

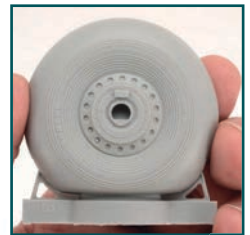
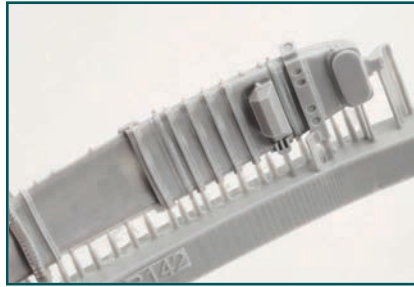
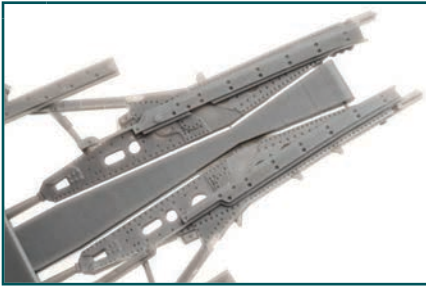
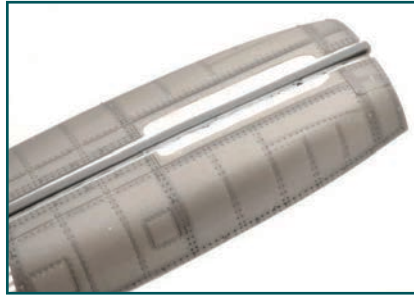
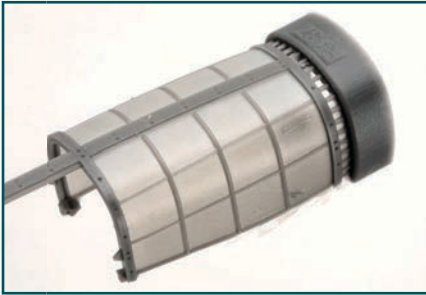
1:72 PHOTO-ETCH

- German submarine Type IXC Part 1 (53250) for Revell
- German submarine Type IXC Part 2 (53250) for Revell



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



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BR5144050 BTR-60 PU

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BRL72208 Arado Ar-396 (AS model kit)

BRL72209 Morane-Saulnier MS.225 (Heller/Smer kit)

BRL72210 He-115 (Revell kit)

BRL72211 A-4C conversion (Airfix kit)

BRL72212 Rato rockets (A-4 Skyhawk)

BRL72213 Mirage Ladder

BRL72214 P-47N Wheels (3 type of pattern)

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WC; WOVEN CORD, **WD**; WATERSLIDE (DECALS), **WS**; WOODEN STRIP

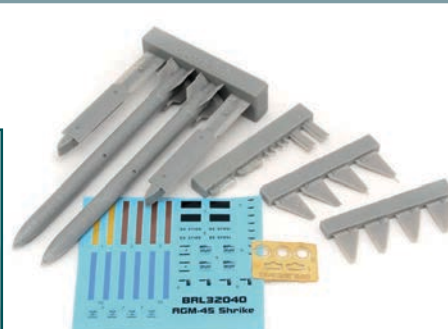
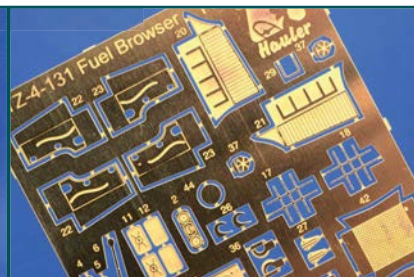
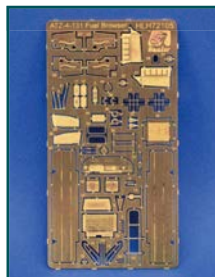
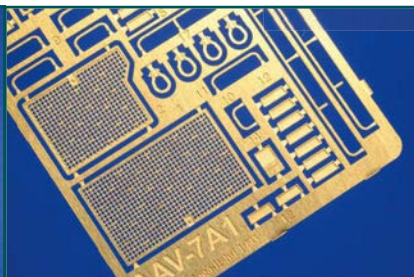
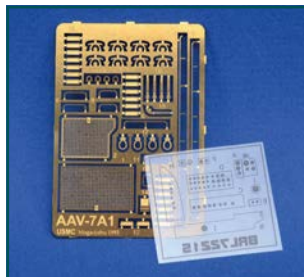
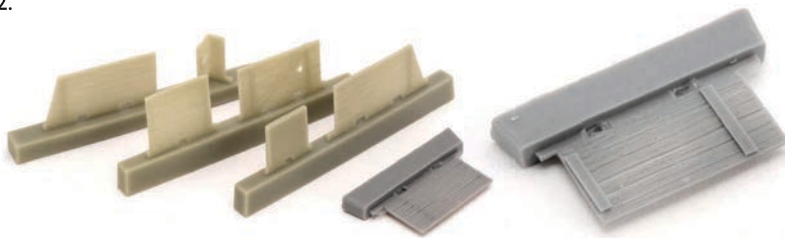
HAULER, CZECH REPUBLIC

www.hauler.cz

There's nothing bog-standard about Hauler's newest diorama accessory in 1:72, in fact their new latrine kit the ideal addition for a small-scale vignette, perhaps featuring Italeri's 1:72 Dodge WC-51.. It's cast in seven resin parts that should fit flush together with excellent detail. Also new from Hauler is a PE set for the ICM/Omega-K kits of the ATZ-4-131 fuel bowser and a small but handy set of PE brass for the Dragon AAV-7A1 Amtrack, both in 1:72.

1:72

- Latrine (HLH72111)
- Fuel bowser ATZ-4-131 (HLH72105) for ICM/Omega-K kits
- Dragon AAV-7A1 Amtrack (HLH72109) for Dragon



BRENGUN, CZECH REPUBLIC

www.brengun.cz

The latest batch of new releases has arrived from Brengun and they include a pair of vast refuelling pods for a 1:72 KC-130J Hercules aircraft, plus a pair of 1963-designed AGM-45 Shrike missiles in 1:32. These would have been fitted to a range of aircraft types including the F-4 Phantom II, A-6 Intruder, A-4 Skyhawk and F-105 Thunderchief. Detail in the resin and photo-etched parts is excellent and a sheet of decals is provided for data stencils.

Also new from this manufacturer is a PE set for Revell's still-superb 1:72 He-177 Greif bomber, a belly fuel tank for 1:48 F6F Hellcats, resin wheels/tyres for the Ki-43 Hayabusa and several sets of wheels/tyres for 1:72 F-4U Corsairs. Excellent products as always from this Czech maker.

1:32

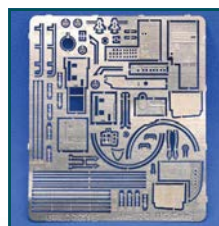
- AGM-45 Shrike missiles (BRL32040)
- Ki-43 Hayabusa wheels (BRL32041)

1:48

- F6F fuel tank (BRL48136)

1:72

- He-177 Greif PE details (BRL72215) for Revell
- F-4U Corsair diamond tread wheels/tyres (BRL72217)
- F-4U Corsair ribbed tread wheels/tyres (BRL72219)
- F-4U Corsair cross tread wheels/tyres (BRL72221)
- F-4U Corsair late ribbed tread wheels/tyres (BRL72222)
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ICM, UKRAINE MODEL T RNAS ARMoured CAR

www.icm.com.ua

SCALE: 1:35 • MATERIALS: IM, WS • ITEM NO.35669

The Model T Ford proved itself to be a very versatile military vehicle in WW1, being used as the basis of ambulances, scout cars and a whole array of other uses. In 1915, the British armoured car squadron on the Eastern Front asked for lighter cars than their Lanchesters, and a CPO Gutteridge designed a simple armoured car based on the Model T. In the end, nine were made, of which six made their way to Galicia (currently western Ukraine and southern Poland). While there, these cars were very extensively used in fighting against the German and Austro-Hungarian armies. When the Revolution began in Russia, the cars were handed over and used by the Russian army. The ICM kit is a little marvel, with relatively few parts in this simple vehicle, and very easy construction. There are few photos of these cars in service, but the details of the model seem to match exactly with the real vehicle, with one possible exception: the photos of the real vehicles show them fitted with a Russian Maxim machine gun, and not a Vickers as supplied in the kit. However, it is quite possible that the cars originally had the British gun. Colour schemes a hard to determine from photos, but ICM propose a grey and khaki pattern. Decals consist of British vehicle codes and a Russian roundel. Altogether, this is a fascinating little model.

- + A very accurate model of a unique and typically British solution to a light armoured car
- Only missing a driver's padded cushion to sit on, and possibly even better with a Maxim machine gun option



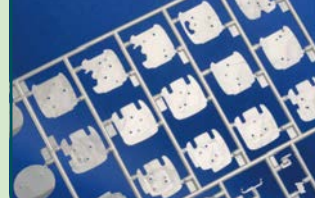
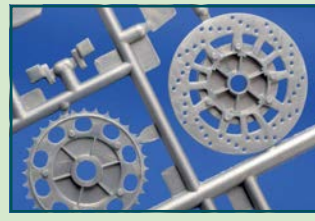
ITALERI, ITALY YAMAHA TÉNÉRÉ 660CC PARIS-DAKAR 1986

www.hobbyco.net

SCALE: 1:9 • MATERIALS: IM, SVT, WS • ITEM NO.4642

The Italian model kit brand 'Protar', rather like Esca, was well ahead of its time in producing impressive, original models of interesting subjects and in their specific case, the sizes were often large. This is very much what we have here, with the 1986 Yamaha Ténéré Paris-Dakar racer in the imposing scale of 1:9. The model comes on seven sprues of white, grey, black, clear and metal-plated polystyrene, plus a pair of synthetic rubber 'knobbly' tyres, hand-grips and front-fork gaiters, vinyl tubing, metal screws, threaded rod, steel springs and, of course, decals. Given its 1980s heritage the detail is remarkably good: not as punchy as 21st century injection mouldings perhaps, but very respectable nonetheless. To realistically depict the cooling fins, the cylinder head builds up from no less than fifteen elements, stacked on top of each other to create the necessary gap between each layer: very neat indeed. The chain is clever too, albeit slightly terrifying, building up link-by-link and held together by the 'all or nothing' approach of a heated screwdriver to secure the link pins. Bravo to anyone who can pull off this trick successfully and have a workable chain at the end of it. However, it's a fantastic model and will look stunning with a few modern detailing and painting tricks applied.

- + Stunning subject, still a great kit from the 1980s
- The chain will need a great deal of care to assemble



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),



ITALERI, ITALY F-104G COCKPIT

www.hobbyco.net

SCALE: 1:12 • MATERIALS: IM, WS • ITEM NO.2991

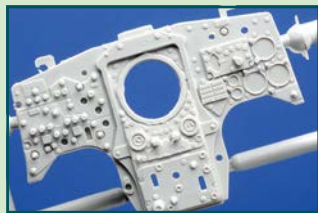
Just three grey sprues – plus one in clear and a moulded base – make up this kit from Italeri, but that doesn't take away from it being an absolute scale modelling icon. Originally launched by the Esci brand (later subsumed by Italeri) in 1983, the F-104 Starfighter cockpit was a miniature marvel to behold, with all the details that were usually represented by tiny, paint-swamped blobs on the side-consoles of our small-scale kits now four or five times bigger. The instrument dials come in the form of decals with numbers and letters big enough to read and the clear sprue provides the gunsight reflector, radar screen and the visor for the pilot's helmet, which is the cherry on the cake. Of course, there are a few limitations: at 1:12, the data labels for all those knobs and switches would be easy to see, but none are provided on the decal sheet. The pilot seat's complex arrangement of harness straps is represented by a sheet of self-adhesive, fabric-effect webbing which must be trimmed out by the modeller. It's a noble attempt but too thin to be realistic and not in the right colour. With some work however, this highly original model will look absolutely wonderful and it's great to see its return.



A fantastic idea with tons of remarkably good moulded detail



Seat harnesses will need some extra work to look convincing and the data placards will need to be added



DRAGON, HONG KONG STUG.III AUSF.G EARLY PRODUCTION KURSK 1943

www.hobbyco.net

SCALE: 1:35 • MATERIALS: IM, PE, WS • ITEM NO.6927

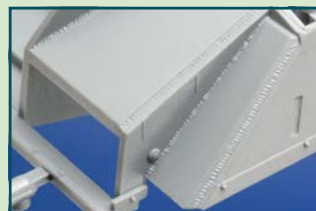
No less than twelve sprues of mid-grey polystyrene will be found when you pop the lid of this StuG.III ausf.G from Dragon, along with the lower hull tub, a sprue of clear parts for the periscopes and gunsight, a photo-etched brass fret for the engine-deck grilles, a roll of excellent braided metal wire and decals to build one of five StuG.III's. The all-important tracks are in the link-and-length style, moulded in kit plastic which is a far better approach than Dragon's 'DS' material which, under certain circumstances, could eventually break up. This is a kit from Dragon's stronger period and as such, the detail is superb and we can be very confident in the overall accuracy. The suspension comes with lateral torsion bars which is a little over-engineered, but a neat touch if you like to have your models fully accurate inside and out. The fighting compartment interior is represented in quite some detail, with a very nice replica of the 75mm main gun, its mount, gunsight, gunners' seats and a non-slip textured floor. A pair of radio sets is also provided for the casemate's inner wall. As is often the case with Dragon's armour kits, there are numerous optional parts dotted around the model, so it will really be worthwhile giving the instructions a proper read-through rather than the usual cursory glance!



Classic armour subject with superb detail inside and out



Study the instructions closely for the many optional parts



New Releases

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GASPATCH MODELS, GREECE HENSCHEL HS123 A1

www.gaspachmodels.com

SCALE: 1:48 • MATERIALS: IM, PE, WS • ITEM NO.48095

The Henschel Hs123 was a single-seat biplane close-support aircraft and dive-bomber, designed in the early 1930s and flying for the first time in April 1935. Around 265 examples were built, with most ending up with the newly formed Luftwaffe. The type most notoriously took part in the Spanish Civil War.

Gaspatch Models launched this kit in 2017, followed by the later B1 variant and now we have had a chance to see the model close up, it really is a beautiful little thing. The kit's moulded across six sprues of medium grey polystyrene, plus one in clear for the tiny windscreen and a small but busy photo-etched brass fret that provides seat harnesses and other small fittings. A die-cut cardboard jig is included in the box to help the modeller attain the correct angles of the main undercarriage legs, an extremely welcome addition.

The instructions come in the form of a booklet with 3D colour illustrations reminiscent of the sadly defunct Wingnut Wings company. To say this kit is 'packed with detail' would be quite an understatement: there's barely any areas that have been left alone! The cockpit is fully depicted of course, and as it's a floor-less design, we have full fuselage inner detailing all the way around. The PE harnesses are comprehensive and there's even a pair of brass rudder pedal foot-straps to fit.

- Very interesting subject, masses of detail everywhere, excellent instructions
- A little experience will help when assembling the upper wing and UC



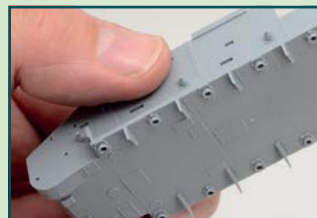
ZVEZDA, RUSSIA SOVIET MEDIUM TANK T-28

www.hobbyco.net

SCALE: 1:72 • MATERIALS: IM, WS
ITEM NO.5064

Zvezda's new small-scale kit releases are sometimes overlooked which is a travesty because they are superb! A prime example is the company's all-new 1:72 T-28, a Soviet-built medium tank from the early 1930s and constructed in Leningrad until 1940. Amazingly, some of these beasts were captured by the Finnish army and used by them until 1951! The kit comes on no less than eight sprues (of varying sizes) and is moulded in light grey polystyrene with a stand-alone hull and a decal sheet providing two markings-options. Option one is for a three-colour camouflaged T-28 of the 8th Tank Division, Lviv 1941 and the second is for a white-washed example of the 20th Tank Brigade, Soviet-Finnish War January 1940. The detail incorporated in the mouldings is fantastic, with some very fine rendering on the lower hull and deck. The frame-aerial is supremely well done, with incredibly fine parts that will need careful handling. This could have been the make-or-break area of the model but Zvezda are to be commended for doing such a good job of it. The suspension is comprehensively detailed and the tracks come as link-and-lengths, which will greatly add the final appearance.

- Beautifully detailed, excellent tracks, appealing markings options
- A commander figure would have been the icing on the cake!



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FULL-BUILD: VIETNAM WAR AVIATION
HASEGAWA 1:48 F-8J CRUSADER ● KIT NO.09868



WHEN PASSION LEADS TO **ACT**

Andrea Paternieri expresses his passion for the Vought F-8J Crusader by creating this astonishing diorama, depicting an F-8J of VF-211 onboard USS Hancock, moored somewhere offshore Vietnam, 1971



ION!

“The only limited person is the one with a limited mind. Once the barriers are removed, everyone can reach their true potential”. This is the motto of Rick Amber, who passed away in 1997, founder of the still existing 'Challenge Air', with the mission of giving the opportunity to disabled children to approach the fantastic world of flight and encourage them through this to change the perception of their own physical limits.

Rick Amber served as a pilot in the US Navy on the F-8 Crusader and became quadriplegic at the age of just twenty-six after a landing accident at the end of a mission during the Vietnam War.

In April 1971, he flew the F-8J Crusader BuNo 149210, part of by VF-211 on the aircraft carrier USS Hancock CV-19, one of the twenty-four Essex-class carriers. In addition to the pilot, even the aircraft deserves a little extra attention: the French writer Chris Monier noticed this even earlier when he published the book 'F-8 Crusader 149210 and its drivers' in 2007. This machine was built as an 'E' version and was then updated to the J variant. The author of the book was attracted by the stories of its pilots after having explored some rumours starting with some spare parts obtained from the front of the plane, then sold to the French Navy.

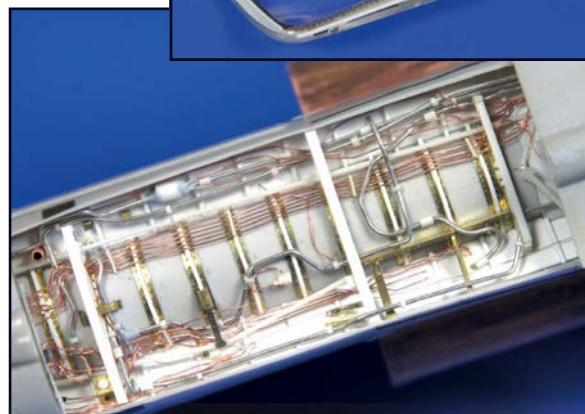


The additional detailing in the cockpit was created by hand, following the overall dimensions of the parts supplied by the kit and using the Eduard instrument panel. The side consoles were up-detailed with the addition of buttons and switches after painting in order to retain the original colour of the material: pieces of stretched grey sprue for the buttons and chromed electrical wires for the switches.

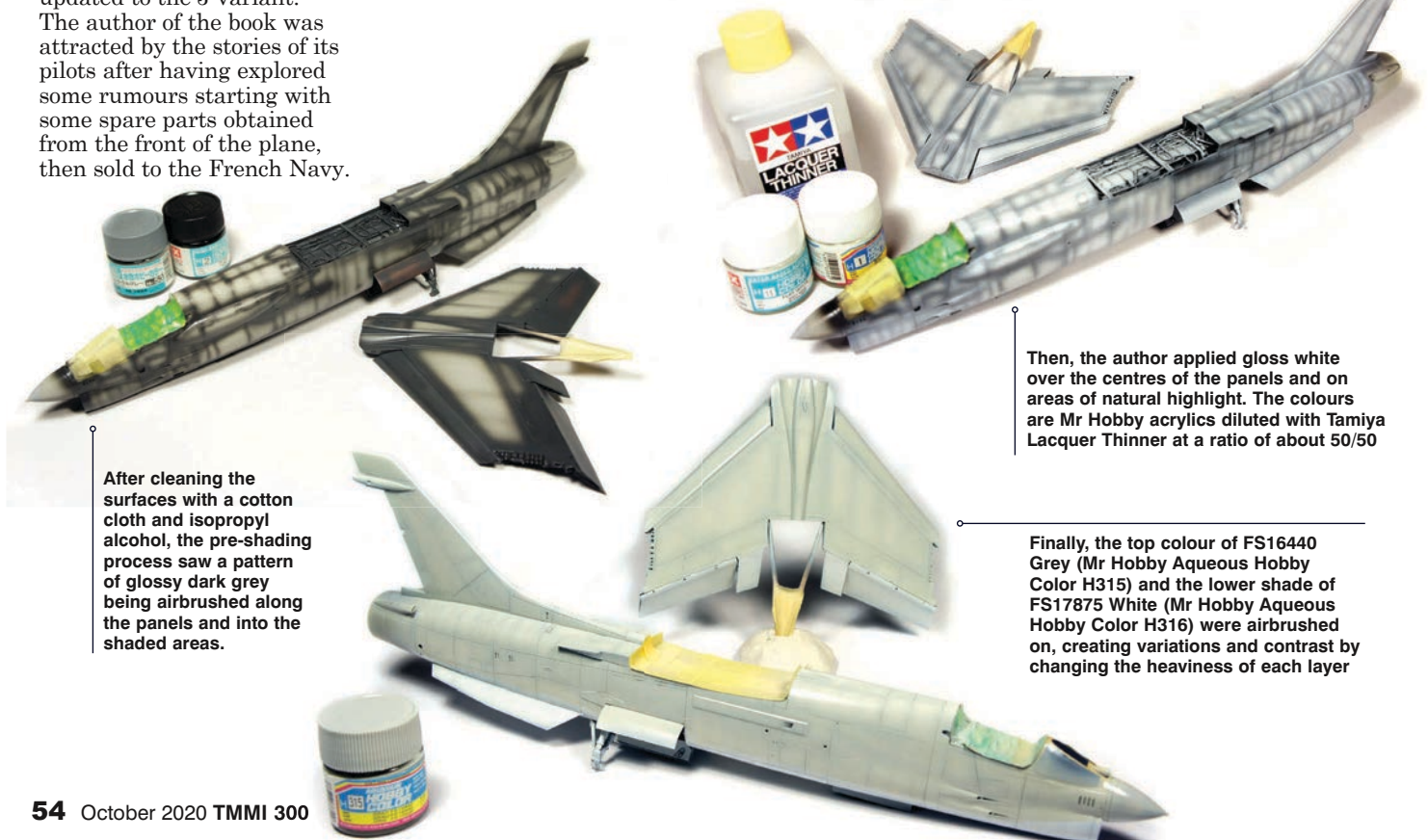
Detailing added to the canopy frame, an area that will be on show when open



The front undercarriage leg was enhanced by inserting an aluminium rod to simulate the shock absorber: this would be polished, masked and left 'naked' to better represent the metallic effect



Plastic-card, electrical wire, brass sheet and some Eduard photo-etched parts were used to upgrade the detail in the opened-up area on the aircraft's spine



After cleaning the surfaces with a cotton cloth and isopropyl alcohol, the pre-shading process saw a pattern of glossy dark grey being airbrushed along the panels and into the shaded areas.

Then, the author applied gloss white over the centres of the panels and on areas of natural highlight. The colours are Mr Hobby acrylics diluted with Tamiya Lacquer Thinner at a ratio of about 50/50

Finally, the top colour of FS16440 Grey (Mr Hobby Aqueous Hobby Color H315) and the lower shade of FS17875 White (Mr Hobby Aqueous Hobby Color H316) were airbrushed on, creating variations and contrast by changing the heaviness of each layer

My emotional pull to this type is strong and a personal episode of my attachment to the Crusader dates back to my childhood, adding to the explosive mix. Around five years of age my parents gave me an encyclopedia for children from the United States called 'Childcraft'. It consisted of fifteen thematic volumes and number three was dedicated to the topic of 'the world and space'.

On one of the first pages was a photo of an F-8 Crusader: I don't remember in what context, perhaps to illustrate the principles of flight and the physics of the atmosphere. Was it this permanent image in my memory make me so fond of the Crusader? Or perhaps it was the classic fighters of military aviation in the skies of Vietnam, with all the stories of heroism and humanity by such young boys.

I was overwhelmed by emotion and I had to get to work immediately, to make a tribute to all this. And to create the atmosphere of the period, I also designed a base set on an aircraft carrier, to reproduce a scene different from the usual parked aircraft, with an open roof and a pilot standing alongside. In short, I tried to give a name to the figures and the vehicles that I was going to make. ▶



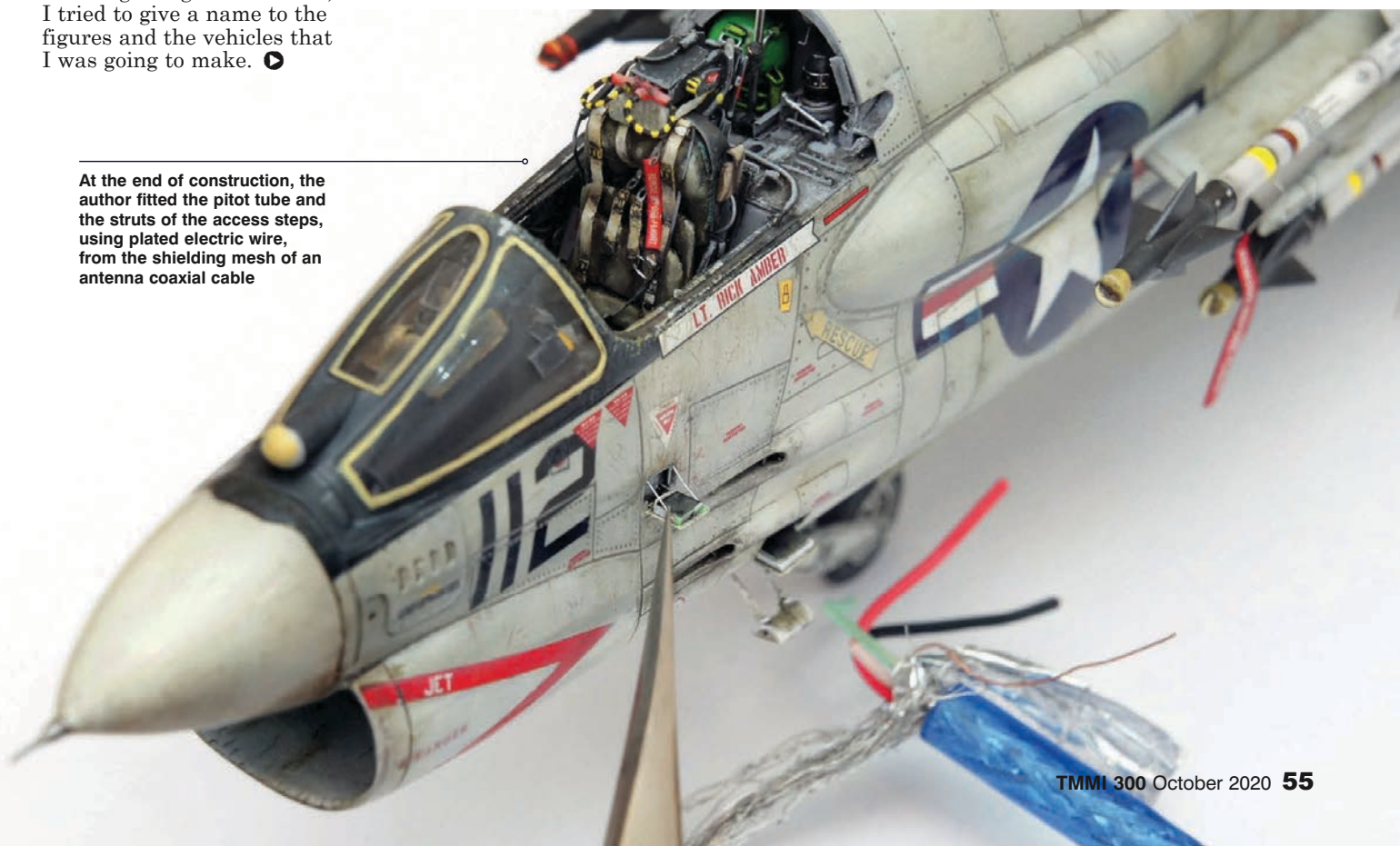
The author applied the beautiful Furball decals (48-007) with the help of Micro Set and Sol solvents. For national insignia and large-area decals, an abundant layer of water was applied to the model's surface, to facilitate sliding and fine positioning. The adhesion and elimination of bubbles was achieved with gentle pressure from a soft brush



After a dark colour-wash, the details were touched in with Lifecolor acrylics diluted with tap water. Pure white was used on the exposed parts, to reinvigorate the shapes after the flattening effect introduced by the dark 'wash



After masking off the rear fuselage with Tamiya tape and wrapping the entire model with tissue paper, the metallic tones were airbrushed over the engine panels. Without applying any clear varnish, oil paint colour-washes were applied and graphite powder was employed to create shadows and shading. A soft pencil (9B for example) was used to create streaks and scratches



At the end of construction, the author fitted the pitot tube and the struts of the access steps, using plated electric wire, from the shielding mesh of an antenna coaxial cable

❶ CREATING THE SCENE

To create the 1:48 diorama I had to rely on the Hasegawa kit (PT26) of the 'J' version, the more advanced one, developed on the basis of the 'FN' variant used by the French Navy, which entered service in the last years of the Vietnam conflict. There are several aftermarket upgrade kits dedicated to the cockpit, undercarriage bays and underside compartment, but for the love of the subject I could not take 'shortcuts' and preferred to devote my time researching the subject and make my own detail parts. I did, however, choose to use the Eduard

photo-etched set (48476) whose two-dimensional details would be useful.

Wanting to illustrate the model 'J' version 149210 as piloted by Rick Amber, I used the wonderful Furball decal sheet (48-007) that offers two examples from fifteen options as well as the C, D, E, J and H, including the stencils. The decal sheet, printed by Cartograf, is of the highest quality, with minimal film thicknesses and edges. The photos on the web relating to American and French subjects

are very useful and indispensable to really go into detail.

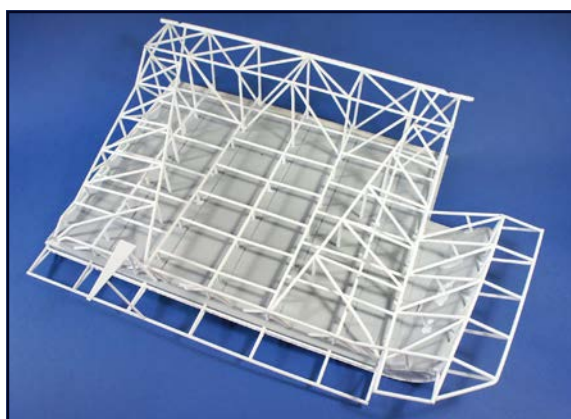
I added to the diorama with the timeless and omnipresent deck-tractor by Verlinden (2567). Skunkworks Model provides the most modern GPC-X version so therefore I use the Verlinden kit, which

despite being from the 1980s, it still of excellent quality. I composed the figures using parts from the Verlinden 'US Navy carrier deck Crew' (310) set which dates back more than twenty years but is beautiful done, plus Italeri's 'Combat Aircraft Support Group' (2629), also an older set but recommended above

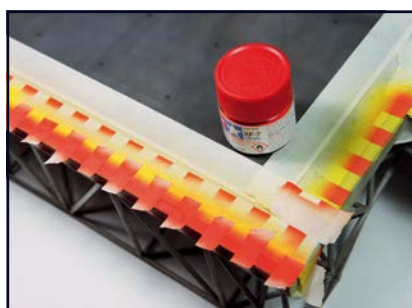
all for the finesse of the hands and faces of the figures. Finally, I used some minor details such as toolboxes, cans, bins and bins from Verlinden and Tamiya accessory kits in 1:48, not necessarily US Navy. ▶



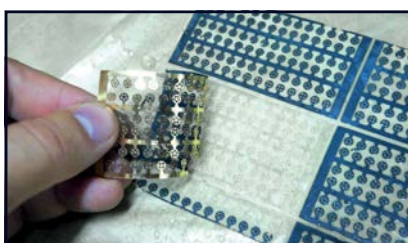
Evergreen polystyrene strip of various cross-sections was used extensively to create the space-frame structure of the carrier deck



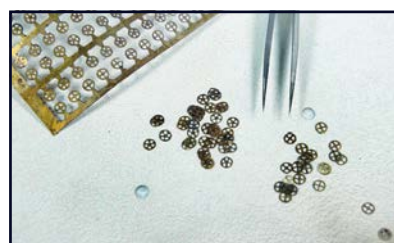
An underside view of the assembled deck platform, revealing the complex space-frame structure, all scratchbuilt by the author



The red/yellow safety strip around the platform's edge was painted over a matt white base, using Tamiya acrylics and masking tape



The author made scores of his own carrier-deck tie-down points using the photo-etching technique



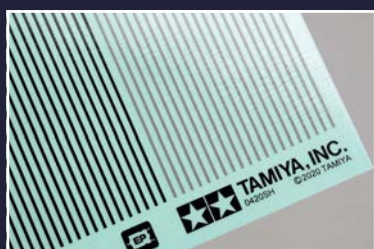
Once cut from the fret, the tie-downs were fitted into the holes drilled into the deck surface: a small but essential detail of any carrier deck scene



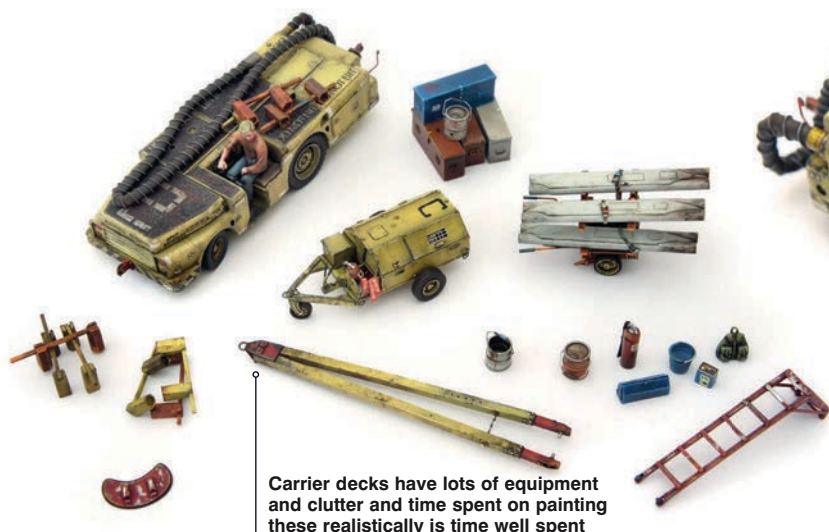
A matrix of tyre marks, oil and fuel stains plus general maritime weathering was applied to the platform's grey surface via airbrush, using Tamiya acrylics

Mini Review...

TAMIYA HOP-UP OPTIONS PIN STRIPE STICKERS FOR PANEL LINES (54973)
www.tamiya.com www.hobbyco.net



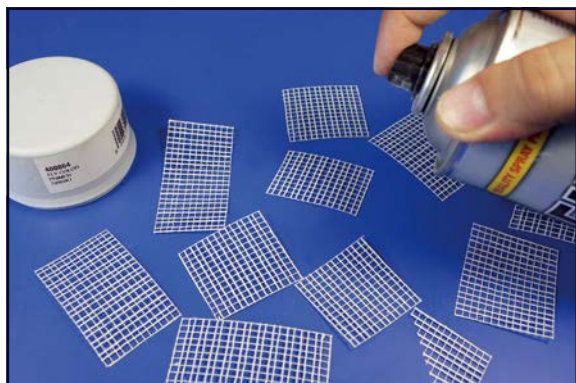
This is an unusual and interesting release from Tamiya: a 400mm x 140mm sheet of self-adhesive decal that provides two widths of panel lines, in black and grey. They are intended to simulate shut-lines on RC model car bodyskells and each strip needs to be trimmed from the sheet, cut to length and applied over the top of the main markings. As always, the materials are of the highest quality, the decals having a rich, deep gloss finish



Carrier decks have lots of equipment and clutter and time spent on painting these realistically is time well spent



The Verlinde Productions deck tractor is a lovely little kit in itself and was given a heavily worn appearance, to reflect the tough life these workhorses experience

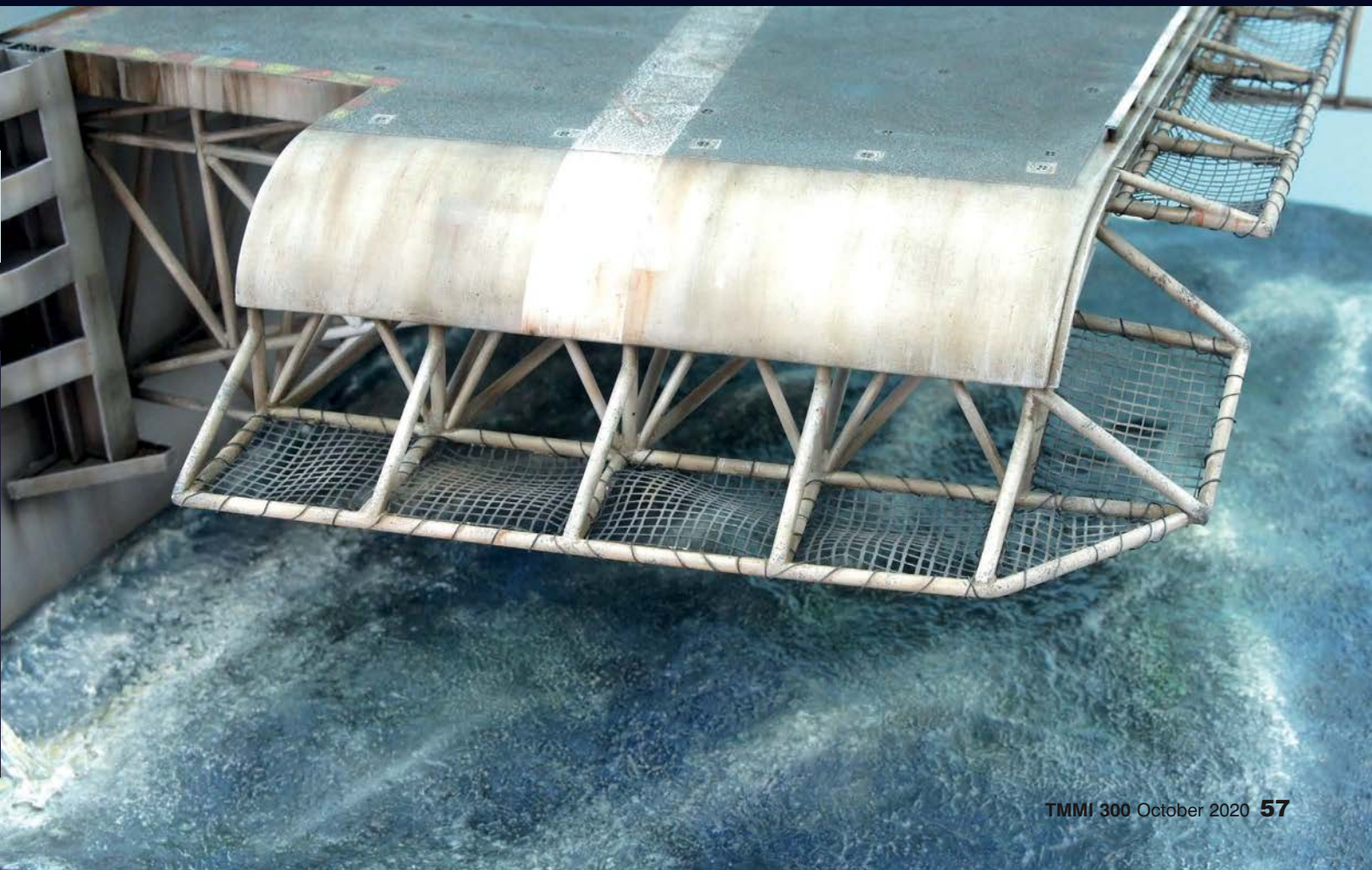


The safety nets were cut to shape, then given a coat of grey primer to serve as a foundation for the model paints to follow



Once fitted to their frames, the safety nets were painted with Tamiya XF-85 Rubber Black, which is more of a dark grey tone

The edges of the carrier platform are now complete and look very convincing



CONCLUSIONS

I hoped to be able to at least minimally to transport the observer into the atmosphere of a carrier deck scene, that is so dear to me. There is a lot of space and you almost want to add a 'fellow soldier' Skyhawk next to the Crusader. ●

TECHSPEC...

HASEGAWA 1:48 F-8J CRUSADER
 KIT NO.09868

Materials;

Injection-moulded polystyrene, waterslide decals

Paints used:

Mr Hobby Aqueous Hobby Color H315, H316

Accessories used:

- Verlinden Productions: Deck Tractor (2567), US Navy carrier deck Crew (310)
- Italeri: Combat Aircraft Support Group (2629)
- Furball decals (48-007)

Availability;

Hasegawa models are widely available from good model shops and online





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?

THE LUFTWAFFE IN AFRICA 1941-1943

JEAN-LOUIS ROBA, CASEMATE ILLUSTRATED
www.casematepublishing.co.uk

The Luftwaffe in WW2 brought many aircraft types with it when it shipped out to the North African theatre of operations in the early-war period and this book's mission is to bring us an overview of those operations. It's a 128-page production (plus covers) and is in the smaller format favoured by publishers such as Osprey. The reduced size notwithstanding, it is packed with photographs, most of which are reproduced to a scale that will be of use for modellers looking for references. But the goal here is more to inform the reader of the many combat actions in which the aircraft and their pilots were engaged, a task it succeeds in extremely well. It's a very interesting read, made much more engrossing by a smattering of Agfacolor wartime photographs, maps and colour illustrations.



BLITZ BOMBER, KAMPFGESCHWADER 76 AND THE ARADO AR234

EDDIE J CREEK, ROBERT FORSYTH, CHANDOS PUBLICATIONS
www.chandospublishings.co.uk



KG 76 (Kampfgeschwader: Combat Squadron or Bomb Wing) or was one of the few Luftwaffe bomber groups that saw action from the start of the Second World War right through to the bitter end, the last remaining Gruppen either withdrawing to Norway in early May 1945 or surrendering to the British Army in northern Germany on the 8th of May 1945. KG 76 was formed in May 1939 and given three Gruppen (Groups), all equipped with the Dornier Do17 light bomber. Later in the war, some of KG 76's Gruppen saw action on the Western Front, but only in the night-intruder role due to daytime Allied air superiority. But KG 76 is perhaps best known for its deployment of the Arado Ar234, the first operational jet bomber. This new title from none-other than Eddie J Creek and Robert Forsyth for Chandos Publications documents the exploits of KG 76 with this extraordinary aircraft and provides a technical and operational background that is quite simply fascinating. Within the book's 230+ pages we are treated to some phenomenal imagery of the Ar234, with detail views that will have you scrambling around in the loft for that Hasegawa kit. Or you could just wait for Zoukei-Mura's new 1:32 model, coming soon. Well, within the next couple of years. Cockpit shots, views of the jet engines and airframe details all play a role in this production, supplemented with stunning colour profile illustrations by Janusz Świątor and maps from Leanne Kelman. As well as being a fabulous set of references for the Arado Ar234, this book offers an engaging journey through the life of KG 76 and it worth every penny. Highly recommended.





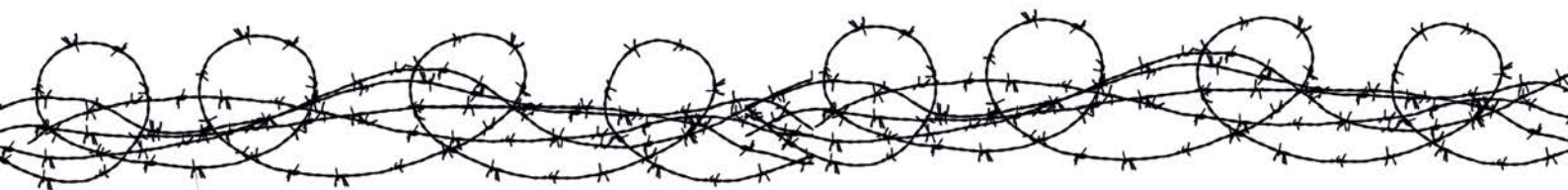
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NEW in the 'HOW TO BUILD...' series



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:

- Adding photo-etched parts
- Using resin upgrade components
- Extending the nose undercarriage leg
- Upgrading the cockpit detail
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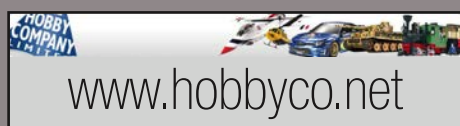
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NEXT ISSUE

The next issue of TMMI is
November 2020 (No.301),
on sale October 15th



HEY, HEY, WE'RE THE MONKEYS!

Not one, or two, but three Tamiya 1:12
Honda Monkey bikes!



GOING DUTCH?

Revell's 1:35 Leopard 2A6NL
in Barracuda camo netting



BUFFALO WINGS

Hasegawa's lovely little 1:72 Brewster,
painted like you've never seen before

...AND MUCH MORE, OF COURSE!

Due to the many factors that can influence the appearance (or non-appearance) of a model
in TMMI, the items listed here are shown on a provisional basis. We endeavour to bring you
these articles, but please be patient if they do not feature! Thank you for your understanding.

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ISSUE No.300 OCTOBER 2020 PUBLISHED ON SEPTEMBER 17th 2020

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 **Automotive Security Manager:** Kara Larm

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.

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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**
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The Editor's Page...

Tamiya's newest 1:35 kit depicts the Sd.Kfz.135 Marder I tank-destroyer

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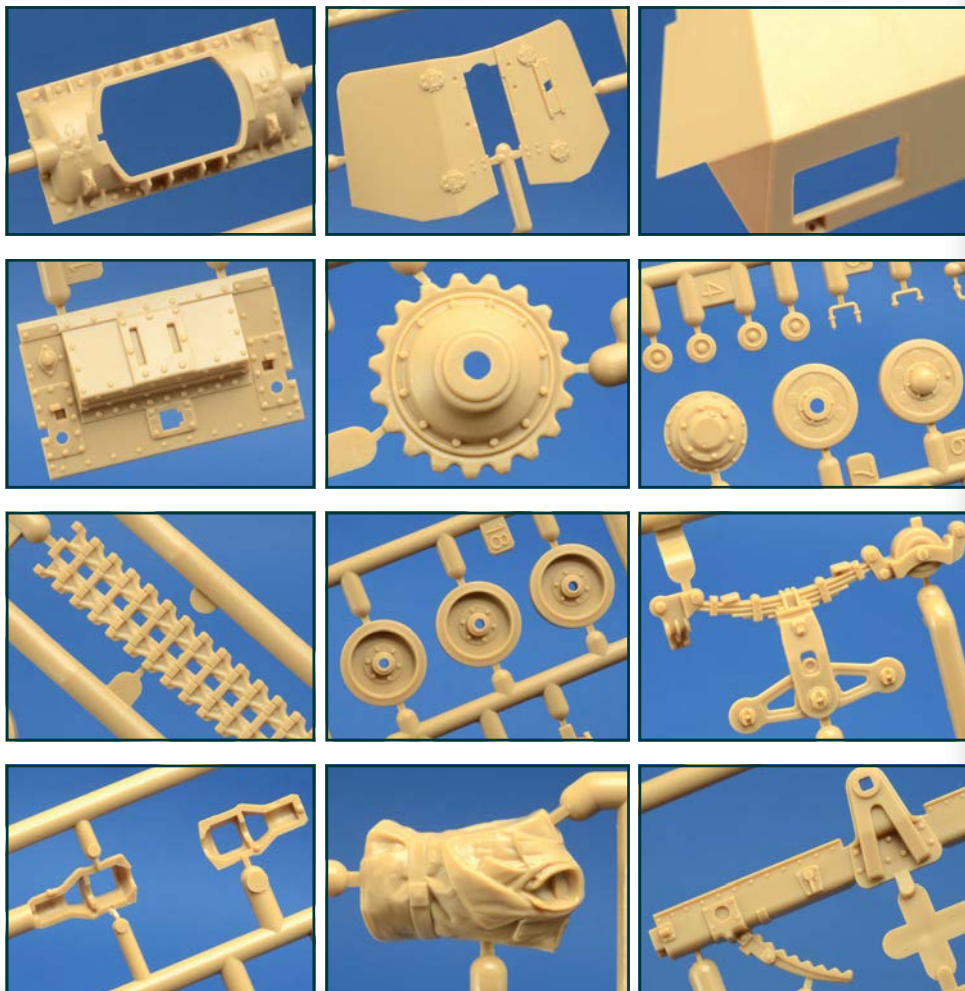


MARDER ON THE DANCE FLOOR!

When the German armed forces of World War Two over-ran France in the spring and summer of 1940, a vast quantity of French materiel fell into their hands, including hundreds of tanks and armoured fighting vehicles. Among these were around 300 'Lorraine' tracked tractors, around 170 of which were repurposed into small but deadly Marder I tank-destroyers. This AFV was designed by Major Alfred Becker, a German engineer and artillery officer and the key individual responsible for taking captured British and French vehicles and converting them into 'new' vehicles for the German ground forces. He added an open-topped fighting compartment over the rear of the chassis of the Lorraine tractor, housing a 75mm PaK40/1 anti-tank gun, creating a highly mobile machine with a very decent top speed of 35Km/h, around 22mph. Tamiya's 1:35 model is 100% new, not a re-box from another manufacturer. It comes with link-and-length tracks, a new PaK40, three figures and markings for one of three machines: France 1944 in three-colour camouflage, 15th Infantry Division in France 1942-44 in overall panzer grey plus a vehicle from an unknown unit on the Eastern Front, 1943 in grey with a white-wash camouflage. Another superb kit from Tamiya and the full-build review will appear soon in TMMI! ●

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



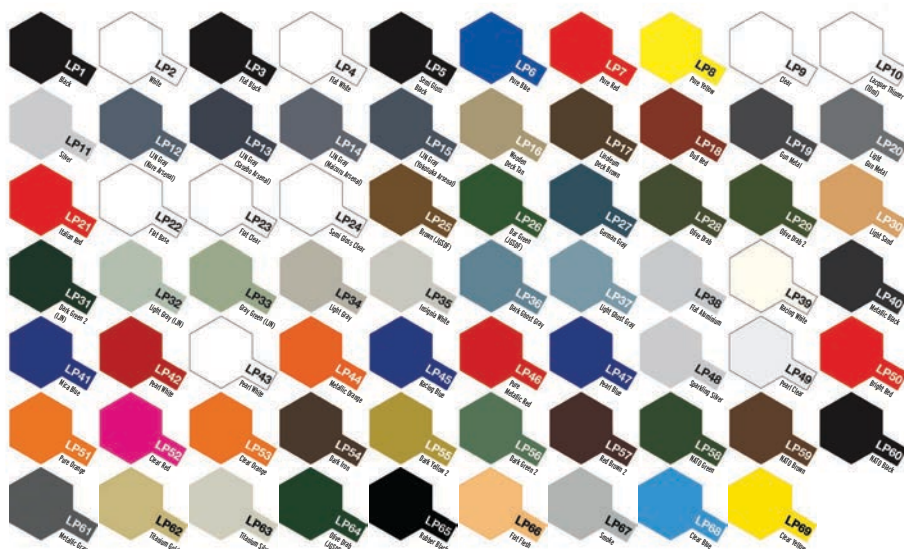


LACQUER PAINT

69 AUTHENTIC COLOURS DESIGNED FOR MODELLING EXCELLENCE

The Tamiya Colour range of quality paints - designed specifically for modelling use has long helped modellers achieve the perfect finish on their scale masterpieces. Now, existing Tamiya Colour bottled acrylic, plus lacquer spray paints are joined by the new Lacquer Paint line of bottled Tamiya Colours. Use them as your needs require: airbrush large areas, or pick out fine details. With a tough membrane and swift overall drying times - but slow initial drying to allow a beautiful unblemished finish. We are sure they will become an essential item in your modelling armoury.

- No need for primer: gloss and matt colours can be applied directly to model kit plastic
- Quick drying time
- Fabulous when airbrushed, and can also be applied by paint brush to detail areas
- Can be used in a similar way to Tamiya's X and XF line of acrylics
- Weathering colour washes and dry brushing can be applied over the dried Lacquer Paint
- Once dry, can be safely over-painted with acrylics, enamels and other model paints
- Lacquer Thinner Retarder Type (87194) slows initial 'flash off' time, allowing paint droplets to merge on the surface of the model for a smoother finish
- Robust final finish that adheres strongly to the model's polystyrene surface
- Constantly expanding range of colours for military & civilian subjects
- Ultra-high Tamiya quality



Beautiful colours with superior gloss

The stunning tones and lustrous glossy finish provided by airbrushing Tamiya Colour Lacquer Paint are perfect for model car and motorcycle paint jobs, and it's tough membrane is perfectly suited to treatment with polishing compounds. Colours previously only available as sprays - Pearl blue, Mica red, Pure orange and more, are now in bottled form removing the need for decanting when you want to airbrush.



Great for airbrushing

Tamiya Colour Lacquer Paint's true, consistent tones make it perfect for airbrushing large areas. Mix 1 part Lacquer Paint with 1-2 parts dedicated thinner, and make 2-3 passes over the subject with your airbrush. Pick out the details with Tamiya Colour mini acrylic paints: Lacquer Paints provide a durable base coat that remains undamaged even by enamel topcoats.



Efficiency is the name of the game

Tamiya Colour Lacquer Paint dries quickly: most colours are safe to touch after an hour and can be masked on top of 24 hours later, saving valuable time in the production of your masterpiece. Again, as Lacquer Paints provide a durable base coat that remains undamaged by enamel counterparts, there is less worry during paint jobs that require multiple layers of paint.



No worries when weathering

Tamiya Colour Lacquer Paint's resistance to enamel paints is a big advantage in the weathering process too, as enamel paints are most commonly used for the application of washes and depiction of dirt, grime and oil, in particular on military model subjects. Just apply a Lacquer Paint base coat and get to work weathering!

ITEM 87198 - PAINT RETARDER

This paint retarder is dedicated to the Tamiya line of lacquer paints. Retarder slows drying of paints for beautiful finishes and limits blushing in humid conditions. By slowing the drying of the paint it lessens the likelihood of brush marks remaining and blemishing your surface coat.



ITEM 87194 - LACQUER THINNER RETARDER TYPE

This new product not only thins lacquer paints for airbrushing, it also includes retardant to slow the drying of the thinned paint, particularly useful in covering up any overspray and getting a glossy finish.



ITEM 87077 - LACQUER THINNER

This thinner has a variety of uses in addition to the thinning of lacquer-based paints. It is also useful when cleaning painting tools and airbrushes, removing unwanted paint or excess putty, and even thinning liquid surface primers.



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Check out this video on using the new Tamiya lacquer paints: <https://youtu.be/Krl0kZv3Gq4>



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RRR^{SP}



The Complete Package

Legendary motorcycle manufacturer Honda wowed the world again in 2019 with the announcement of the CBR1000RR-R Fireblade, a bike built to ride the roads, but with a decidedly circuit-oriented feel: its powerful 999cc engine pumps out a class-leading 217.5PS, augmented by a full suite of electronics designed to help the rider use the motorcycle to its maximum potential, plus electronically controlled suspension on the high grade SP specification bike. Next-level aerodynamics integrate triple winglets in either side cowl. This sleek powerhouse now makes its way into the extensive Tamiya 1/12 Motorcycle Series of models, dripping with scale detail and ready to be the next hot thing in your collection.



Slide molded fuel tank and tank cover components capture the complex shapes in style.

Choose whether to assemble with the standard tandem or the optional single seat design.

Add another layer of breathtaking detail!

Detail-Up Parts Series

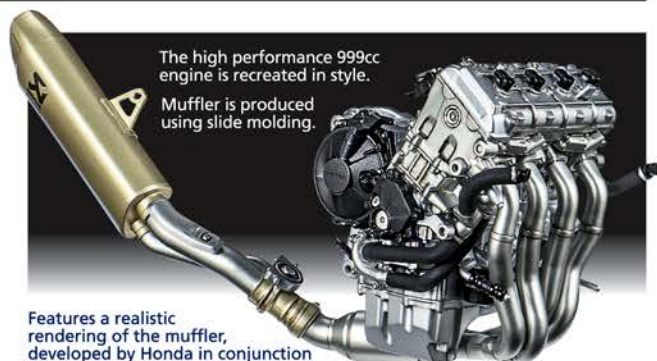
1/12 Honda CBR1000RR-R
Front Fork Set

Item 12690 (sold separately)

On Sale Now!



★Images show assembled and painted kit. ★Product may vary from images shown. ★Models shown have separately sold Item 12690 installed.



The high performance 999cc engine is recreated in style.
Muffler is produced using slide molding.

Features a realistic rendering of the muffler, developed by Honda in conjunction with racing brand Akrapovic.

★Engine, swing arm, front fork and muffler are screw-attached to the frame. ★Side and under cowl are removable. ★Brake discs have drill holes recreated. ★Metal transfers depict mirror surfaces.



Racing stand included.

Comes with decals for two liveries, and masking stickers.

Length: 176mm Width: 68mm Height: 96mm

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