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**Model
MAGAZINE**
INTERNATIONAL

**ISSUE
328**

February 2023

£5.25

**SHOCK OF
THE NEW**

Construction of
Tamiya's new 1:48
F-35A Lightning II
begins!



Model MAGAZINE

INTERNATIONAL



TAMIYA PACHI 82

The 82nd edition of Tamiya's
PACHI photo contest



WINTER IN THE ARDENNES

*Battle of the Bulge diorama
featuring Tamiya's 1:35
M8 Greyhound and Jeep*

INSIDE

Nunu 1:24 Audi R8 LMS GT3, Telford show report part two, a visit to the Airfix factory, plus new kits, books and modelling accessories...

**DOOLITTLE
MEDIA**



28



SUPERLEGGERA V4



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Top Performer

1/12 Motorcycle Series
Ducati Superleggera V4 (Item 14140)

**1/12
SCALE**

True to its name, Ducati's Superleggera V4 announced in February 2020 features a strong focus on lightness: cowlings, frame, swing arm and wheels are carbon fiber components. Power is supplied by a 998cc V4 engine capable of 224hp featuring Ducati's signature Desmodromic valve timing system. One design highlight is aerodynamic "biplane wings" on the front cowl developed based upon the Ducati MotoGP bike, but without limitation by race regulations. Only 500 of the full size Superleggera V4 were available for purchase. Explore this astonishing motorcycle and the reasons for its superlative performance with this assembly kit!

Removable side cowlings and fuel tank are attached by screws.



The silencer shape blends expertly into the body line.

A racing stand and moving side stand are included.

★Length: 176mm, width: 67mm, height: 98mm.



(V4 engine)

The engine-rear shock and exhaust are also rendered in detail. Metal spring does not require painting.

- Front and rear finely drilled brake discs.
- Decals depict gradated red side cowlings sections.



Four biplane wing aero devices on the front are recreated in style.



Aerodynamic air tunnels on either side of the seat cowl are faithfully recreated with an ergonomic parts breakdown.

The chain comes in left and right halves for more details.



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

Unique & Epoch-Making Ducati Lineup –1/12 Motorcycle Series–



Ducati 1199 Panigale S Tricolore (14132)



Ducati 1199 Panigale S (14129)



Ducati Desmosedici (14101)



Ducati 888 Superbike Racer (14063)



Ducati 916 (14068)

Ducati Motor Holding S.p.A.
Official Licensed Product





32 SHOCK OF THE NEW
Tamiya's new 1:48 F-35A
Lightning II begins!

Model MAGAZINE INTERNATIONAL

Issue 328 February 2023

EDITOR Marcus Nicholls
editor@tamiyamodelmagazine.com

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IN BRIEF...



TAMIYA

- 1:10 RC 1990 Mercedes-Benz C 11
- 1:10 RC TT-02R Chassis Kit
- 1:10 RC Avante (2011) Black Special
- 1:10 RC Alfa Romeo 155 V6 TI Martini (TT-02)
- 1:10 RC Hotshot II Blockhead Motors
- 1:10 RC TT-02BR Chassis Kit
- 1:10 RC TT-02 Type-SRX Chassis Kit

hobbyco.net

AMK

- 1:48 Mi-17 Hip

hannants.co.uk



DJITI'S PRODUCTION

- 1:35 British Desert Soldier
- 1:35 IDF Soldier Playing Violin
- 1:35 J43 Wheel Set Type 1 (for AK)
- 1:35 FJ43 Wheel Set Type 2 (for AK)

djitiproduction.odoo.com

MAGIC FACTORY

- 1:35 Iron Dome missile defence system

frommodelcentre.com



MINIART

- 1:35 Liefer Pritschenwagen Typ 170V farmer car

www.creativemodels.co.uk



RYE FIELD MODEL

- 1:35 JLTV (Joint Light Tactical Vehicle)

ligerhobbies.co.uk

NEW FROM TAMIYA

Tamiya 1:12 Lotus Type 78

This classic kit from Tamiya's '1:12 Big Series' is making a limited comeback, complete with photo-etched upgrades. Grab one quick!
www.hobbyco.net



NEW FROM TAMIYA

1:48 US Howitzer Motor Carriage M8

Tamiya's new US WW2 M8 Howitzer Motor Carriage in 1:48 is a superb little kit and here's the newest factory-photo of the completed model. Full-build feature next issue, TMMI 329 March 2023 - on sale February 16th.

www.hobbyco.net • *Subscribe now at:* www.doolittlemedia.com



DISCOVER SCALE MODELLING AT THE TANK MUSEUM! South West Model Show, 11-12 February

Discover everything you need to know about scale modelling at the South West's biggest model show, at The Tank Museum, 11-12 February 2023. Live workshops and demonstrations, as well as stalls selling the latest modelling kits and accessories, will be set against a backdrop of real tanks and armoured vehicles at the South West Model Show, 11-12 February. Visitors can look forward to a display of models from across the spectrum, including trains, planes, boats, science-fiction icons and, of course, tanks! For more information and to book your tickets: www.tankmuseum.org/events/spring-model-show

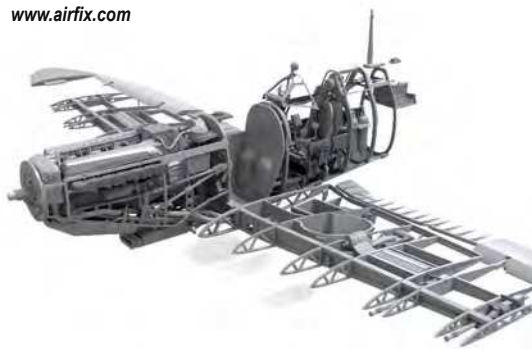
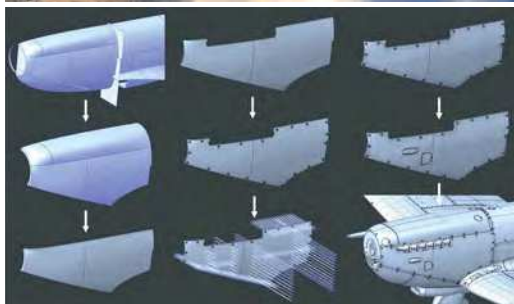




NEW FROM AIRFIX! 1:24 Spitfire Mk.IXc

Airfix's spectacular new Spitfire will form a major feature in TMMI soon!
(and yes, it is 1:24, not 1:25 as we mistakenly stated last issue!)

www.airfix.com



COMING SOON FROM EDUARD

- 1:72 P-39Q for Arma Hobby
- 1:48 Yak-9D for Zvezda
- 1:48 Beaufort Mk.I bomb bay for ICM
- 1:48 Beaufort Mk.I landing flaps for ICM
- 1:48 Beaufort Mk.I for ICM

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



NEW FROM EDUARD! New and re-launched aircraft in 1:48 and 1:72

1:48 - Bf109G-10 Mit Regensburg ProfiPACK,
Samurai Zero fighters Dual Combo, Fw190D-9
ProfiPACK

1:72 - Spitfire Mk.IXc Weekend Edition,
Bf109E-3 ProfiPACK

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



AK INTERACTIVE 1:35 FJ43 Pickup with DShKm

An all-new kit, perfect for 'modern
era' conflicts where technicals and
their gun-trucks rule the roost.

www.ak-interactive.com



MENG A7V 1:48 AH-64D Apache Longbow

We announced Takom's new 1:48 Apache gunship last issue,
and now here's Meng's announcement! They are two completely
different kits and it'll be interesting to see how they differ.

www.creativemodels.co.uk



COMING SOON FROM REVELL 1:25 '71 Ford Mustang Boss 351

It's perhaps not the prettiest of Ford's Mustangs, but
certainly one of the brawniest! Tons of muscle car charisma
in this new release from Revell. www.revell.de



FACTORY VISIT

AIRFIX: BACK IN THE GOOD OLD UK!

**THE EDITOR PAYS
A VISIT TO THE
BRITISH FACTORY
WHERE AIRFIX'S
NEWEST 1:24
CREATION COMES
TO LIFE...**

Did you hear that Airfix has released an all-new 1:24 kit of the Spitfire Mk.IXc? If you haven't, you must have been living on Mars for the last few months! This spectacular new model joins the iconic Spitfire Mk.Ia in their 1:24 range which, staggeringly, is now fifty-two years old! The Mk.IXc is many technological generations newer of course, created with digital design software and laser-scanners along with good old cameras, tape measures, sketches and notes.

One factor with the new Spitfire kit is that it's proudly moulded and boxed in the UK, specifically at 'Plastech' in East Sussex and it was here that Airfix chose to present the model to the assembled magazine people, YouTubers, Vloggers, enthusiasts and TMMI, of course! We were given a tour of the facility and allowed to watch (and smell!) the hot plastic being injected into the steel moulds, all a rather heady experience and one that I found completely fascinating. We will be bringing you a detail build-up of this kit soon in TMMI, but for now, here are a few images from that day; one that I enjoyed immensely! ●

My thanks to: Dale Luckhurst (Head of Brand, Airfix) Chris Parker-Joy (Senior Product Designer, Airfix), Luke Slaney-Hewitt (Researcher, Airfix) and Mark Thompson (Head of UK Operations, Plastech), for such an engrossing day.

www.airfix.com





Supermarine Spitfire Mk.IXc flown by Squadron Leader "Johnny" Plagis, No.126 (Persian Gulf) Squadron, Royal Air Force Harrowbeer, Devon, England, July 1944



Supermarine Spitfire Mk.IXc GR 2/33 "Savoie", Armee de L'Air, Luxeuil-Les-Bains, France, early 1945



Supermarine Spitfire Mk.IXc flown by Captain Garth Jared, Commanding Officer, 309th Fighter Squadron, 31st Fighter Group, United States Army Air Force, Italy, December 1943



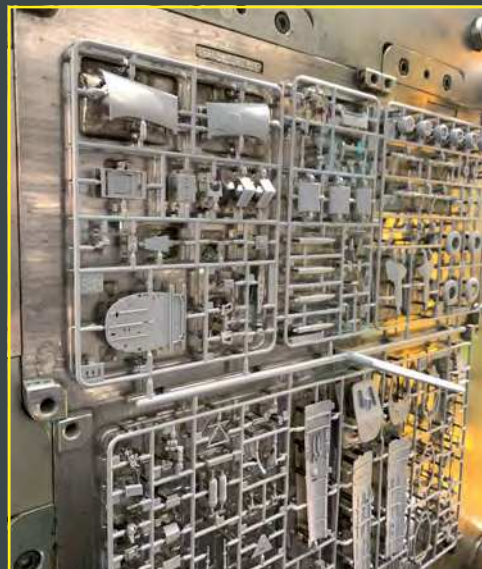
Left, and above are the markings-options included with the kit: Spitfire Mk.IXc flown by Flight Lieutenant Ian Keltie, No.402 Squadron "City of Winnipeg", Royal Air Force Kenley, Surrey, England, March 1943. (Also, Spitfire Mk.IXc flown by Wing Commander James Edgar "Johnnie" Johnson, No.402 Squadron "City of Winnipeg", Royal Air Force Kenley, Surrey, England, Summer 1943, not pictured)



Close-up views of the Merlin engine and cockpit sub-assemblies, showing off that lovely detail, just begging to be painted and weathered...



One of Plastech's injection-moulding machines with Spitfire moulds bolted firmly in place. The machine operates at 380-tons of pressure!



A frame of 1:24 Spitfire Mk.IXc parts, freshly moulded. The smell of molten polystyrene was rather intoxicating!



Mark Thompson, Head of UK Operations, Plastech, shows us a frame of Spitfire parts, quite literally hot off the press



One of Plastech's technicians inspects the new frames for any imperfections, such as short-shots where the plastic didn't fully fill the mould. Airfix's quality control is extremely thorough



A wondrous sight for any modeller! A box of 1:24 Spitfire Mk.IXc fuselage halves, ready for picking and packing



Even the boxes are printed and folded up in the UK

KIT PREVIEW

TAMIYA 1:24 NISSAN FAIRLADY Z (RZ34) ● KIT NO.24363



GENERATION Z

Tamiya's new 1:24 Nissan Z continues the 'Fairlady' tradition, now in its seventh generation

The Fairlady Z was announced for North America in August 2021 and for Japan in January 2022: sadly there are no plans to import it officially to the UK though. This seventh generation car is, to quote Nissan, a "fusion of tradition and the latest technology". By this, they mean it pays homage to previous models of Nissan's rocket-ship but employs twentieth-century tech to propel the car at improbable speeds whilst cornering like it's on rails. The Z's engine is a 405 horsepower, three-litre, twin-turbo V6, mounted longitudinally at the front with power transmitted to the rear wheels via a six-speed MT or nine-speed AT transmission. This powertrain offers a neck-straining 0-60mph time of 4.3 seconds which is up there with the latest supercars costing three and four times as much.

Z IN 1:24

Tamiya have also used some smart design to create the new 1:24 model, splitting hard-to-mask areas like exterior trim and the seats into individual, easy to paint parts that are brought

together to create a very neat finish. In US parlance, it's a 'curbside' kit, ie: no full engine and sealed bonnet, although a gearbox plus a highly detailed suspension and exhausted system provide more than enough to satisfy the eye when the model is inverted. As well as a lefthand-drive moulding, a righthand-drive dashboard, pedal locations and windscreen wipers are also supplied, not for a UK car, but for Japan, who drive on the left too.

There's some really smart design on show here, all done to make the kit more pleasurable to build by eliminating much of the need for bodyshell masking, rather like the McLaren Senna. It's a stunning production and while you won't see many on UK roads, it's a cool addition to Nissan's line-up of street machines. ●

Availability;

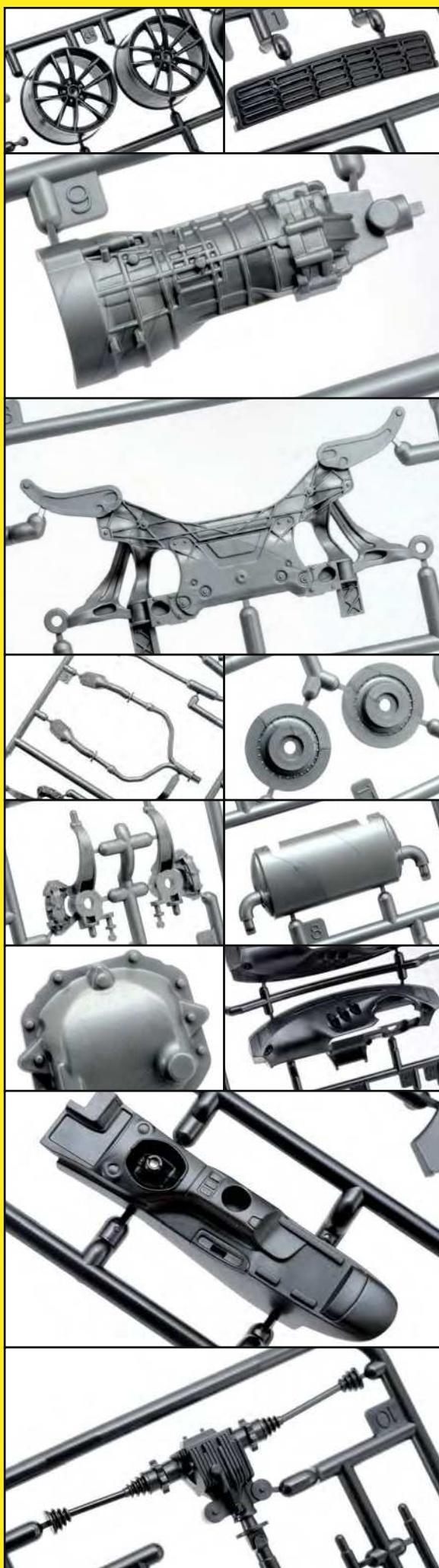
Tamiya models, accessories, paints and materials are widely available from good model shops and online. UK import and distribution by The Hobby Company Limited; www.hobbyco.net



Kit features:

- Separate lower parts of the transmission and front and rear suspension arms give the underside of the chassis a three-dimensional look
- The outer panel of the body and roof is composed of separate parts
- The seats are each divided into four sections for ease of painting
- Comes with masking stickers for tinting transparent parts
- Tyres are made of solid synthetic rubber

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Build Your Dream!

LEVEL 5



NEW TOOL

04968 Hawker Hurricane Mk IIb, 1:32

LEVEL 5



03823 B-26 Invader, 1:48

LEVEL 5



03831 B-24D Liberator, 1:48

LEVEL 5



03821 Bell® AH-1G Cobra, 1:32

LEVEL 3



NEW TOOL

Includes figure of The Mandalorian & Diorama Base
06784 Din Djarin™ - The Bounty Hunter, 1:9

Available from all good model stockists and online from

hobbycraft

hobbycraft.co.uk/brand/revell

SCALE MODELWORLD 2022 NOVEMBER 12TH/13TH 2022

SCALE MODELWORLD 2022

**TMMI'S EDITOR TAKES A QUICK LOOK AT
SOME OF THE TRADE STANDS AT SCALE
MODELWORLD 2022, TELFORD, UK**

This year it felt like the vendors were fewer in number than at previous shows and this was most likely to have been caused by post-pandemic conditions plus changes in the economic relationship the UK has with Europe. But making up for this were some terrific British companies showing their wares, Doolittle Media – publishers of Tamiya Model Magazine – included! ●

Scale Modelworld 2023

November 11th and 12th, 2023

The International Centre

St Quentin Gate, Telford, Shropshire, TF3 4JH, UK

www.ipmsuk.org/ipms-scale-modelworld/

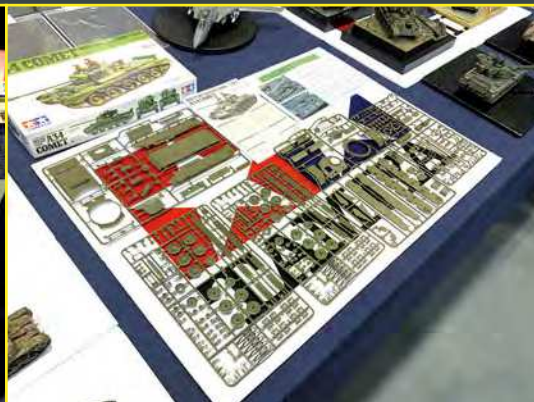


Tamiya Model Magazine, Model Military International, Model Airplane International and Military Illustrated Modeller are just a few of Doolittle Media's magazines!



THE HOBBY COMPANY

The Hobby Company – based in Buckinghamshire – are responsible for bringing Tamiya kits, paints and materials into the UK, along with a clutch of other top-notch model manufacturers. On their stand was exhibited the fabulous new 1:48 F-35A from Tamiya, TMML's very own 1:35 Comet tank and Italeri's magnificent new Bugatti Type 35D in 1:12. This is an all-new kit and it looks stunning; more news, plus a full-build feature on it soon in TMML. www.hobbyco.net



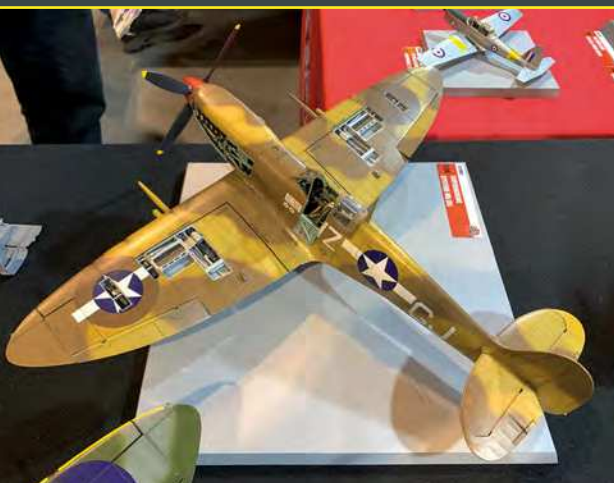
Newsdesk *Special*

SCALE MODELWORLD 2022 NOVEMBER 12TH/13TH 2022

AIRFIX

Airfix proudly showed off their new 1:24 Spitfire Mk.IXc and quite rightly so, it's a magnificent, British-made model and it will form an in-depth feature in TMMI soon. The 1:48 AVRO Anson looked great too and I had a chance to catch up with one of Airfix's key designers, Paramjit Sembhi.

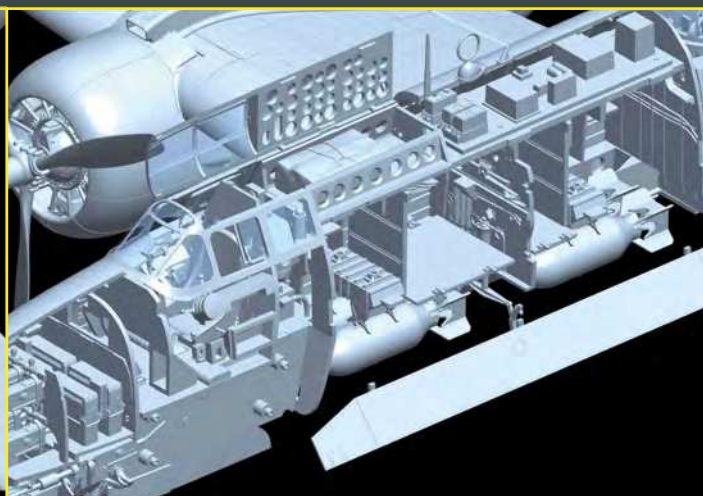
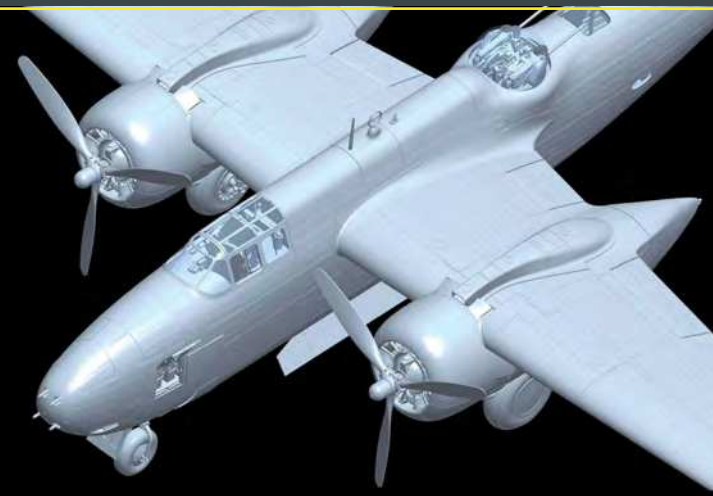
www.airfix.com



HK MODELS

HK Models came up with a blinder this year in the form of an all-new 1:32 kit of the Douglas A-20G Havoc WW2 US bomber and from a look at the test-shots, it looks amazing. Full build coming to TMMI ASAP!

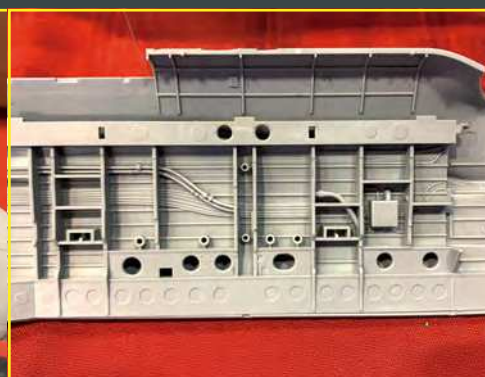
www.hk-models.com



COZMIC SCALE MODELS

Cozmic Scale Models from Bradford are new to TMMI and their stand was a real eye-catcher, with stunning science-fiction kits and figures on display, along with their wonderful LED lighting sets. We reviewed their Blade Runner 'Deckard' and Gaff' Spinner Car figures last issue and you'll be seeing more from them in these pages over coming issues.

www.cozmicmodels.com



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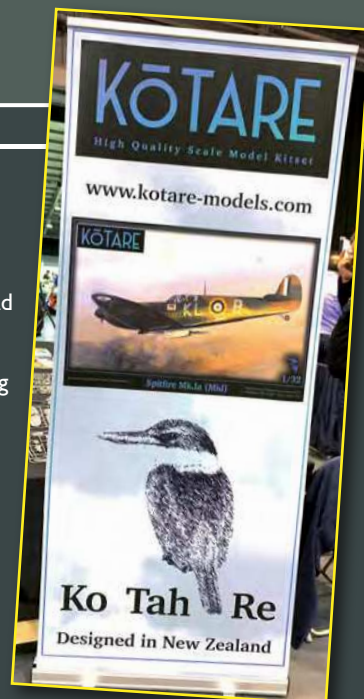
KINETIC

Kinetic launched their new UK distribution network and their two new 1:48 F-16 kits were on sale. We have both kits (naturally) and we'll be bringing you a detailed look at the soon. www.kineticmodel.com



KOTARE

The Kōtare ('Ko-Tah-Re') model company from New Zealand is lead by ex-Wingnut Wings chief Richard Alexander and I was delighted to learn that the name comes from the Māori word for the New Zealand 'sacred kingfisher'. Almost as wonderful is their forthcoming Spitfire Mk.Ia (mid-production) in 1:32 and as I've been saying throughout this piece, it will be 'coming soon to TMMI'. www.kotare-models.com



TIGER HOBBIES

TMMI's sponsor Tiger Hobbies was present as ever and they were doing a roaring trade with their stock of Gecko, AHHQ and many other brands. One item that did leap out at me was the X-Plus 1:8 kit of 'Maschinenmensch' from the 1927 Fritz Lang film 'Metropolis' which was extremely cool. www.tigerhobbies.co.uk





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FULL-BUILD: WORLD WAR TWO ALLIED DIORAMA

TAMIYA 1:35 JEEP WILLYS MB 1/4TON 4X4 TRUCK ● KIT NO.35219

TAMIYA 1:35 US M8 LIGHT ARMORED CAR 'GREYHOUND' COMBAT PATROL SET ● KIT NO.25196

ARDENNES COWBOYS: THE THIRD ARMoured DIVISION IN THE ARDENNES 1944

**Ugo Giberti and
Costantino Sanna**
team up to create an
atmospheric Battle
of the Bulge diorama
featuring Tamiya's 1:35 M8
Greyhound and Jeep kits





The diorama started with two photos found on a Facebook page dedicated to veterans and episodes of the Battle of the Ardennes. The first – very rare – portrays a snowplough Jeep on the road that leads from Bastogne to Cobreville, which is about seventeen kilometres away. The second portrays a GI holding a calf on a farm in Harlage, Luxembourg, both taken in January 1945. Around these two images, as if we had a wide-angle lens, we designed a more articulated scene, ie; an American unit with a Jeep and Greyhound armoured car that ventures along the secondary roads towards Cobreville and comes across a farm, where the American soldiers fraternise with the farmer, indulging in gestures of friendship and confidence. At this point it was a question of giving a more precise location to this frame; we therefore assumed that the scouting unit belonged to the 3rd American Armored Division which, with others, operated precisely in that sector of the Western Front and participated in the bloody clashes of this epic battle also known as 'Hitler's last stand' or the operation 'Watch am Rhein' (Watch On The Rhein).

The Ardennes offensive was very ambitious plan of Adolf Hitler, who even hoped for a major Allied defeat and a repetition of the Anglo-French defeat at Dunkirk. Despite the great Allied superiority in men and equipment (the German army still fielded 164 divisions on the eastern front and only seventy-four divisions on the west), during the first week the German forces achieved some significant victories and managed to break through deep into Allied lines.

Totally surprised, the Allied commanders and the troops in the field, susceptible to an excessive feeling of superiority and security, initially showed signs of failure and disbandment, leading to fears of a strategic disaster. The battle ended, after a month of clashes, with the final victory of the Allies and the failure of the German offensive, but the heavy losses suffered in the Ardennes, above all by the US army, forced a revision of the deployments and plans, slowed down the attack on the heart of Germany and also provoked a crisis in the supreme command between Marshal Bernard Law Montgomery and the US generals.

Indirectly, however, due to the use by the Germans of considerable reserves of men and armoured vehicles, this battle also facilitated the success of the overwhelming mass offensive of the Red Army on the Eastern Front which began on January 12th, 1945. The 3rd Armored Division fought in the far north of the deepest German penetration during the Battle of the Bulge. The division fought its way



FULL-BUILD: WORLD WAR TWO ALLIED DIORAMA

TAMIYA 1:35 JEEP WILLYS MB 1/4TON 4X4 TRUCK ● KIT NO.35219

TAMIYA 1:35 US M8 LIGHT ARMORED CAR 'GREYHOUND' COMBAT PATROL SET ● KIT NO.25196



1 south in an attack designed to help sweep away so-called the 'Bulge' and bring the First Army into line with General George S. Patton's Third Army, which was fighting north towards Houffalize. The division cut off the road leading to St Vith and then reached Lierneux, Belgium, where it stopped to rest and regroup. After a month, the division resumed its offensive to the east and on 26th February it returned to Germany. Over the following weeks, the division crossed the Ruhr River and captured several cities, crossed the Erft and finally crossed the Rhine River to capture Cologne on 7 March. The division's last major combat of the war was the Battle of Dessau, which the division captured on 23rd April 1945 after three days of fighting.

THE IDEA

It was therefore a question of creating a scenario that held this idea together in a coherent and convincing way: we therefore thought of a farm as a backdrop, located on a secondary country road, a downhill terrain, with melting snow and muddy ground. A trough for the cattle and spaces that could accommodate the American infantrymen and the two vehicles – the snowplough jeep and the Greyhound – would be needed, but above all that would also allow the figurine with the calf in his arms, the other central subject for our story.

After having collected dozens of photos of the Battle of the Ardennes in order to accurately reproduce the terrain, vehicles and figures, we focused our attention on the building to be reproduced. At first we were oriented towards the portion of the house produced by Scale75 with three American soldiers, then thanks to the collaboration of Gianni Sorrentino, using that idea, he reproduced a much more characterful house with an abundance of detail. This helped to add originality and completeness, since the house is the 'backdrop' necessary to

give substance to the imagined scene, indeed becoming an active part of it and not just a 'side dish'.

THE WINTERY SCENERY

The farm, reproduced down to the smallest detail, was painted with acrylics and, with selective colour-washes, the damp-look was reproduced to differentiate the shades of the walls and the cracks with different greys, beiges and ochres. The gutter is a suitably cut and painted plastic tube. Also in this case we made use of specific products, including 'Slimy Grime Dark' of Vallejo (73822) to reproduce the rotten green due to damp at the base of the construction. It was with some regret that I had to cover a large part of the roof with AK's 'Snow Effect' paste (pics 1, 2). We were missing something, and hence the idea of placing a simple trough next to the two subjects, again after reviewing several reference photos (pics 3, 4).

THE TERRAIN: BETWEEN MUD AND SNOW

After having created the sloping groundwork with shaped polystyrene and having made several dry tests for where and how to place vehicles and figures, everything was covered with the AK Interactive 'Wet Ground' (AK8016) mixed with real soil and various synthetic herbs of various colours (pics 5, 6, 7). Obviously this procedure was not applied to the two small roads travelled on by the vehicles which are extremely muddy, full of puddles and devoid of vegetation (pics 8, 9, 10). It was then necessary to establish the position of the American infantryman with the calf in his arms and whether to make him relate to another character: we therefore thought of this young soldier – a cowboy in times of peace – helping the farmer and, in a gesture of calm consideration, take the calf in his arms with affection and nostalgia.

At this point the difficult work of reproducing the melting snow on

the ground and on the buildings began; a slightly powdery snow, often semi-frozen and semi-melted, soaked in mud and certainly not as white as if it had just fallen. After various experiments always using the AK Interactive products 'Snow Terrains', 'Ice Sprinkles' 'Snow Microballs' and 'Snow Sprinkles', we made it with different mixes based on the effect to be obtained: more compact and 'fluffy' on the tree and on the roof of the

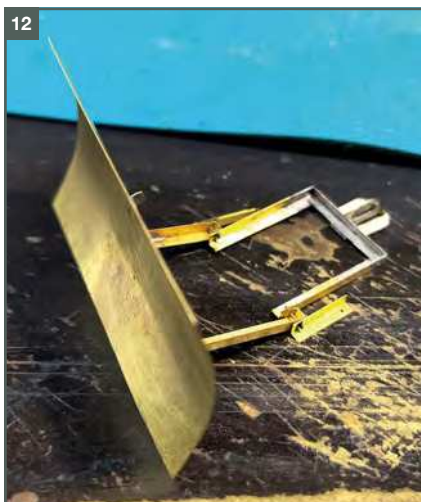
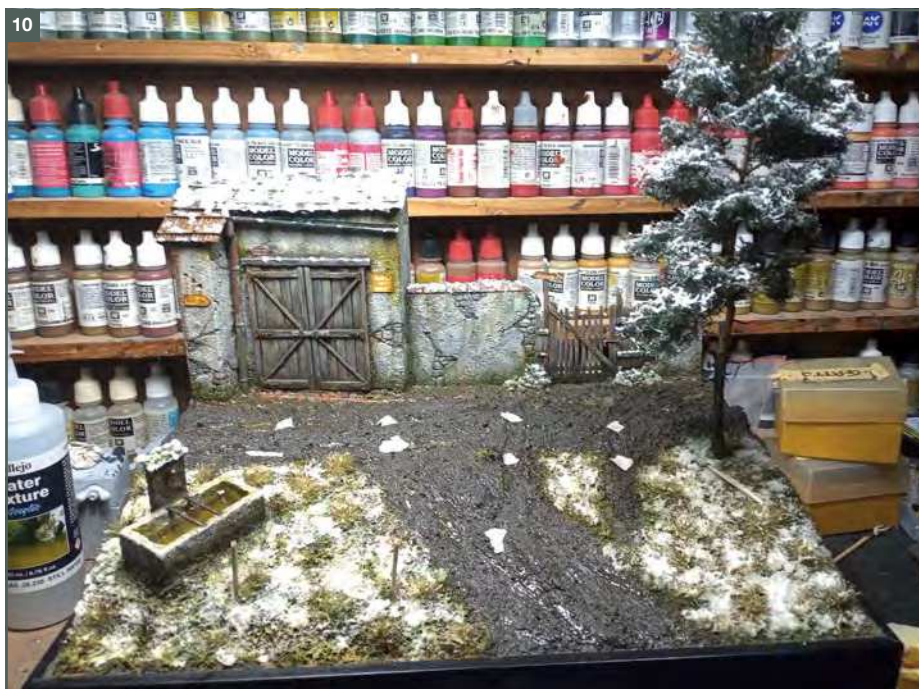




house, less compact, dirty and melting on the ground. This latter effect was obtained by increasing the amount of snow sprinkles combined with acrylic colours such as browns and greens to dirty-up the snow, AK 'Puddles Liquid' and Vallejo's 'Water Texture' which were also used extensively to reproduce puddles and fresh mud in combination with the specific product always AK 'Stirred Earth' splatter effect. It was time-consuming work that required patience and above all the ability to deal with images of real landscapes, achieving the result with multiple interventions, refining and improving the desired effect. Also because these products, of fundamental help, are not magical: you always need to know how to mix and use them, trying and experimenting with their qualities. The tree is produced by the Polish company Drzewa Modelarstwo specialized in the reproduction of trees and vegetation in different scales. <https://drzewamodelarstwo.pl>

THE WILLYS JEEP WITH SNOWPLOUGH

As already noted, despite our research, the only photo of this model of Jeep with an operational bulldozer is the one relating to its presence near the village of Cobreville in January 1945 when the bloodiest phase of the German assault had run out. The model we made is the one produced by Tamiya (35219) and we added the Voyager Model set (PEA185) for the construction of the dozer-blade (pics 11, 12, 13, 14). When you decide to undertake a superdetail job it is good to study the instruction sheets of the various kits that you want to use in depth, to plan



FULL-BUILD: WORLD WAR TWO ALLIED DIORAMA

TAMIYA 1:35 JEEP WILLYS MB 1/4TON 4X4 TRUCK ● KIT NO.35219

TAMIYA 1:35 US M8 LIGHT ARMORED CAR 'GREYHOUND' COMBAT PATROL SET ● KIT NO.25196



the various stages of assembly. Even if the model, as in this case, is small, it is good to decide immediately which and where the thicker plastic parts will be replaced, with the much finer photo-etched ones (pic 15).

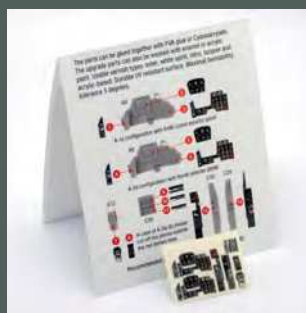
The mount for the Browning M1919 was home-made using photo-etched scraps and rod of various sizes referring to photos found on the net (pic 16). We then enhanced the Jeep with additional stowage from dedicated set plus items from the infamous spares-box such as Historex, Dragons, Verlinden Productions and others. Both this vehicle and the Greyhound are equipped with bottles and crates from MiniArt's set 'Wine bottles & Wooden crates' (35571) plus reproductions of American magazines and maps by ETA Diorama Accessories, a Greek firm that reproduces on paper a remarkable number of accessories to enrich the authenticity of our models. www.facebook.com/yannis.v.papadopoulos.9 (pics 17, 18, 19, 20).



MINI REVIEW...

RED FOX STUDIOS 1:48 MESSERSCHMITT ME262A-1 & A2 INSTRUMENT PANELS (RFSQS-48065) www.migjimenez.com

Tamiya's 1:48 Me262A-1 is twenty years old now and this new cockpit detail set from Red Fox (distributed exclusively by AMMO) gives it a spruce-up. The pack provides three-dimensional instrument panel and side consoles, all pre-coloured and ready for installation (application?) to the kit panels which need their raised detail sanding off first. Colour-washes can be applied to help unify them with the rest of the cockpit.





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THE M8 GREYHOUND

Tamiya's 1:35 US M8 Light Armored Car 'Greyhound' Combat Patrol Set (25196) was used here and for the up-detailing we used two sets from Royal Model, one for the various photo-etched details of the vehicle and the other for the wheels with snow-chains. The latter are in resin as well as various details found in the first set, such as backpacks, bags that we will use later to make the vehicle look more operational (pics 21, 22, 23, 24). Taking inspiration from various images of this vehicle during the battle of the Ardennes, we eliminated parts of the fender and piled up boxes, supplies and tools to the engine hood that the crew brought along (pic 25). Since our diorama is set on terrain covered with thawing snow, giving way to mud and patches of dirty and disintegrated slush, our vehicles do not have a heavy white field camouflage, but the remnants of this effect, deteriorated by time, weather and combat.

For the painting of the vehicles, the same technique was used for both, with the only difference that for the Greyhound the white-wash

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FULL-BUILD: WORLD WAR TWO ALLIED DIORAMA

TAMIYA 1:35 JEEP WILLYS MB 1/4TON 4X4 TRUCK ● KIT NO.35219

TAMIYA 1:35 US M8 LIGHT ARMORED CAR 'GREYHOUND' COMBAT PATROL SET ● KIT NO.25196



camouflage was reproduced using 'Worn Effects' by AK Interactive. After cleaning the models with soap and water – and once dry – I sprayed Vallejo black primer with an airbrush. Olive drab, the base colour for the two machines, was differentiated using two different mixes: these were then lightened to reproduce highlights on the panels, again using the airbrush with and highly diluted paint. Using earth-coloured oil paints I tried to

emphasise the shaded areas.

These are the basic techniques, then you go 'by feel', adding highlights and shadows with various oil colours and acrylic filters such as rust, oil drip, dust and mud, repeating these steps several times and emphasising other effects, until the imagined look is arrived at. At the end of this whole process, a soft pencil or graphite powder was used to simulate areas subject to most wear and tear (pics 26 to 30).

THE FIGURINES

The figures that make up the diorama are from Alpine Miniatures and Scale75 for the GIs plus the farmer with shovel, who is from Model Victoria. They were painted in acrylic using the excellent 'War Front' sets by Scale Color, which have the advantage of being slightly transparent, therefore, of being able to vary the intensity of the colour before applying lights and shadows. Furthermore, their consistency makes





them similar to oil paints and they can be worked to produce halftones, without drying too quickly. You have to get used to this fluidity, but once you get the hang of it, their application together with their opacity allows you to create excellent shades.

Let's focus on the soldier holding the calf in his arms: the figure is 'Private First Class' by Scale75 and was modified by Bruno Carruolo, a skilled

figure sculptor, who created the calf from scratch and adapted the soldier's posture to hold it. The result of this was an original piece which exactly reproduces the GI immortalised in the photo, in our opinion of considerable impact and which inspired the title of our diorama. The paints to reproduce his heavy coat are: Vallejo Flat Earth (70983), German Camouflage (70826), Marron Mat (70984) and US Dark

Brown (SW51) from Scale Color (pics 31 to 43). The black lacquered wooden base was produced by my friend Alessandro Schirone, the plates are computer printed and covered with transparent Kristal tape. The adhesives used are from the Cyano range of Colle 21: Slow Dry, Black and Universal. A special thanks goes to my friend and talented model maker Gennaro Zappa for the photo-shoot. ●



FULL-BUILD: WORLD WAR TWO ALLIED DIORAMA

TAMIYA 1:35 JEEP WILLYS MB 1/4TON 4X4 TRUCK ● KIT NO.35219

TAMIYA 1:35 US M8 LIGHT ARMORED CAR 'GREYHOUND' COMBAT PATROL SET ● KIT NO.25196



TECHSPEC...

Kit materials:

Injection-moulded polystyrene, waterslide decals

Paints used:

- Vallejo Acrylics: Flat Earth (70983), German Camouflage (70826), Marron Mat (70984) Water Texture, Slimy Grime Dark
- Scale Color: US Dark Brown (SW51), US Airborne 1943-44 (SSE-040), US Army 1942-44 (SSE-036), US Army Winter Coat (SSE-066), US Army 1944-45 (SSE-037)
- AK Interactive: Wet Ground, Snow Terrain, Ice Sprinkles, Snow Microballs, Snow Sprinkles, Puddles Liquid, Worn Effects

Accessories used:

- Royal Model: US M8 Greyhound (197), Chained Wheels M8/M20 (677)
- Voyager Model: US Jeep Willys MB snowplough w/tyre chains (PEA185)
- Alpine Miniatures: WW2 US Jeep Crew Set (35262), WW2 US Infantry (35185)
- Scale75: PFC figure from US Soldiers at Winter (SW35-046), Master Sergeant (SW35-028), Technical Corporal (SW35-029)
- MiniArt: Wine bottles & Wooden crates (35571)
- Model Victoria: Man With Shovel (4053)
- Drzewa Modelarstwo: trees and vegetation

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
- AK Interactive: www.ak-interactive.com
- Alpine Miniatures: www.alpineminiatures.com
- Drzewa Modelarstwo: www.drzewamodelarstwo.pl
- MiniArt, Vallejo Acrylics: www.creativemodels.co.uk
- Model Victoria: www.royalmodel.eu
- Royal Model: www.royalmodel.eu
- Scale75, Scale Color: www.scale75.com
- Voyager Model: www.voyagermodel.com





**NEW
MOULD**

1:24

Supermarine Spitfire Mk.IXc A17001



SUPERMARINE SPITFIRE Mk.IXc

Aircraft flown by Squadron Leader "Johnny" Plagis, No.126 (Persian Gulf) Squadron, Royal Air Force Harrowbeer, Devon, England, July 1944.



SUPERMARINE SPITFIRE Mk.IXc

Aircraft flown by Flight Lieutenant Ian Keltie, No. 402 Squadron "City of Winnipeg", Royal Air Force Kenley, Surrey, England, March 1943.



SUPERMARINE SPITFIRE Mk.IXc

Aircraft flown by Wing Commander James Edgar "Johnnie" Johnson, No. 402 Squadron "City of Winnipeg", Royal Air Force Kenley, Surrey, England, Summer 1943.



SUPERMARINE SPITFIRE Mk.IXc

Aircraft flown by Captain Garth Jared, Commanding Officer, 309th Fighter Squadron, 31st Fighter Group, United States Army Air Force, Italy, December 1943.



SUPERMARINE SPITFIRE Mk.IXc

GR 2/33 "Savoie", Armée de l'Air, Luxeuil-les-Bains, France, early 1945.

Length 397mm Width 469mm Pieces 433

The Spitfire Mk.IXc was arguably the most important mark of Spitfire in the entire production run with it initially being conceived as a stop-gap fighter to counter the German Fw190 whilst the Mk.VIII was being developed. The Mk.IX is considered by many to be the ultimate Merlin powered Spitfire, coupling the iconic lines of the early Spitfires, which defended the skies above South East England just a couple of years earlier, with a two-stage Merlin.

- Standard and clipped wingtips
- Early and late cannon breech blisters
- Two rudder types
- Both carburettor air intake types
- Various cockpit configuration options
- Exposed engine and gun bay options



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VORSPRUNG DURCH TECHNIK: IT'S A WRAP!

Lesley Eyckerman tweaks NuNu's 1:24 Audi R8 with some new wheels, top-quality decals and a heap of upgrade parts!

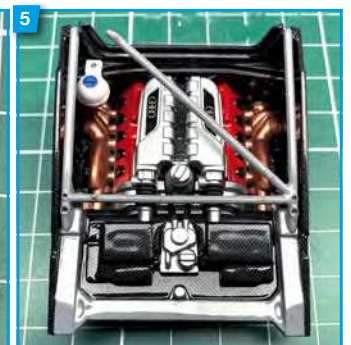
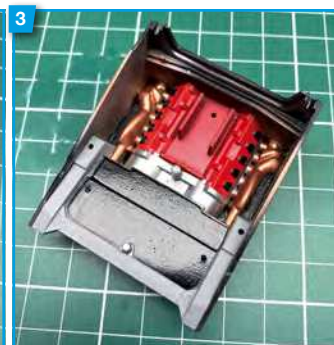


Hi guys, here I am with another build. This time one of my favourite subjects in modelling and in real life; race cars, specifically GT3s, which are the ones I most look forward to building. As a huge fan of racing it's a must for me to go to the 24 Hours Of Spa, as I love endurance racing and Spa is the perfect spot for it.

This time I'm using the NuNu 2015 Audi R8 LMS GT3 Macau FIA GT kit to create the 2016 Sepang Cup winner. The European importer was kind enough to sponsor me by supplying the kit, plus some others that will remain under wraps for now, because they will all appear in future issues of Tamiya Model Magazine

International. Also, SK Decals was kind enough to provide me with the replacement markings and carbon fibre decal sheets patterns A and B. KMP provided me the correct wheels for this kit, because the kit's rear wheels are too large as standard. Paints and clear-coats were supplied by Number 5. So, let's get started! ▶





❶ FIRST IMPRESSIONS: KIT AND ACCESSORIES

When I opened the box I noticed that all parts looked very sharp and well detailed. Following a closer inspection, I was very impressed and excited by this kit. The aftermarket wheels from KMP are a real gem, because of the high quality of the 3D-print, with no clean up needed. The set also includes brake discs, callipers, wheel-nuts and steering wheel. The replacement decals from SK Decals are a real challenge. It's a full body wrap and I had never done that before, but I was confident. The upgrade set from NuNu itself has a lot of detailed PE parts and three carbon fibre sheets, but I aimed to add a lot more using the ones from SK Decals.

CLEAN-UP AND TEST-FIT

Like always, I trimmed all parts from their sprues and cleaned them up, giving them a good wash and letting them air dry in a large clear container. Next up I mounted the parts on alligator clamps and separated them into groups for different shades of primer because some of them need grey and white undercoats.

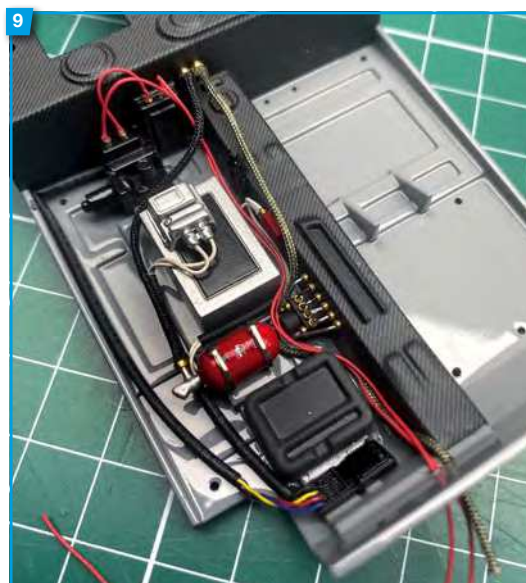
I looked at the PE parts that I was planning to use to bring more detail to the model and my friend from F1Stone printed some 3D parts for the interior, because I felt it was a bit naked without them. I also started to make my own templates for carbon-fibre decalling, mostly for the interior and engine bay.

PRIMER AND BASE-COATS

I painted the parts with Alclad Grey and White primer/micro-filler where appropriate and left them to dry overnight. I divided them again for different finishes of black (gloss, semi-gloss and matt) plus Tamiya TS-8 and Zero Paints Audi Nardo Grey for the roll cage. After a night of curing, I painted the parts with different shades of Zero Metal colour such as Chrome, Aluminium, Steel, Titanium Silver and Titanium Gold.

ENGINE BAY

The engine bay is moulded-in so I had to figure out which colour I would



paint first. Zero Paints Bright Red was the first choice for the valve covers ([pic 1](#)) and I then masked them off and applied Zero Paints Audi Nardo Grey ([pic 2](#)). I masked-up again and painted everything Semi-Gloss Black from Zero

Paints. Masked yet again and painted the engine block and cover in Zero Metal Aluminium. Finally, the last masking operation was the engine block to painted the headers in titanium gold, according to the instructions ([pic 3](#)). I hand-painted

some parts in Vallejo Matt Black and started to apply carbon-fibre decals on the sides of the engine bay, cover and intake manifold ([pic 4](#)). I gave it all a fine coat of two-part clear and left it to harden for a few days ([pic 5](#))



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INTERIOR AND CHASSIS

After priming and painting, I applied the home-made carbon-fibre templates to the interior, including the door cards. The carbon templates for the doors are included in the upgrade set from the kit. I also started on the floor, because it was necessary to complete everything so the wheels fit properly. After this was done, I started detailing the interior, starting with the seat first which lacked a bit of detail. So I applied some small strips of 'Leukosilk' tape (medical tape) and gave it a brush-coat of Tamiya Craft Bond thinned with water to hold the tape strips in place. I then gave it a few coats of Motip undercoat for cars – the same as Tenco Proto scale fabric – to give it more detailed look (pic 6).

I made the seatbelts using the PE parts from the upgrade set and 3mm black satin ribbon (pic 7). I didn't glue them together with glue, but with double sided smartphone tape that I have been testing for over a year now. Works great and no glue marking and no waiting

this time. I then started with pre-assembly of the wiring to the electronics boxes using some mish-mash parts from Knupfer.info (pic 8).

CABIN DETAILING

These are parts from mostly watches and work perfectly for modelling and great for making connectors. I also used them for the fire

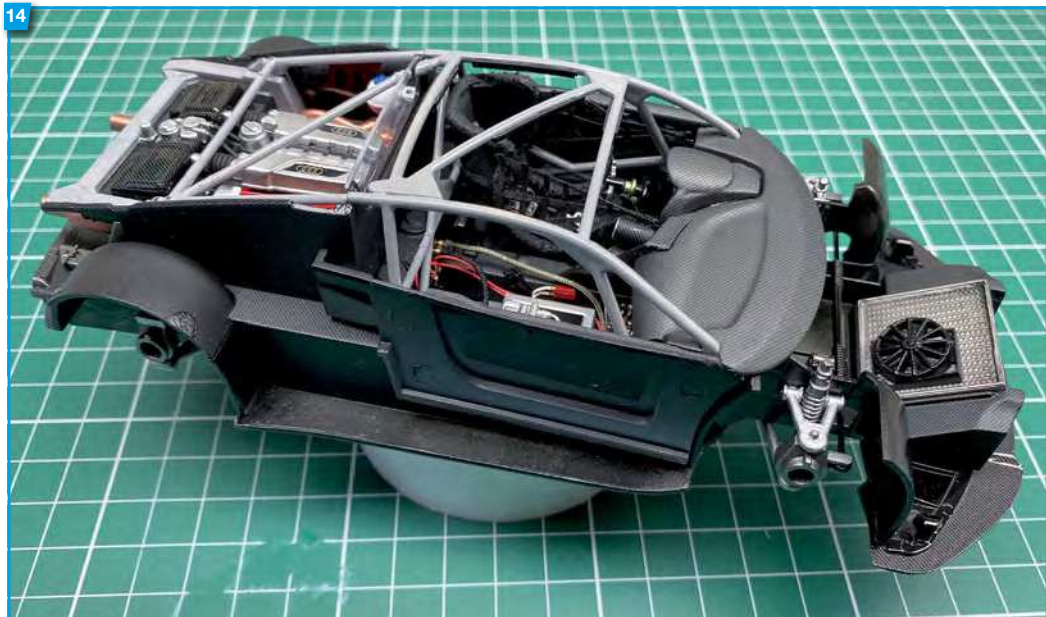
extinguisher system in the car (pic 9) and it worked out perfectly. I made all the connections with 1.6mm shrink tube, so I could fill it up with one, two or even three 0.5mm wires I use. Used some 0.4mm wires from MFH for the fuse-box and some braided lines from Top Studio (pic 10). Connected it all and must say it look

pretty good. I glued the seat, dashboard (pic 11) and rollage in place and called the interior done (pics 12, 13, 14). The suspension and brake hubs were glued in place and I then fitted the rotors and brake discs. I didn't glue it all together yet, because I might have to do some modifications for the ride height... ▶

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❶ WHEEL ARCH ISSUES

I placed the body onto the chassis and noticed the rear wheels (KMP) did not fit correctly in the wheel arches; they were rubbing against the front edge of the wheel arch ([pic 15](#)). After some careful measuring I figured that the front of the rear wheel arch had to be opened up by 2mm, so I drew this onto the body and started to cut away some excess material ([pic 16](#)).

It was given a quick sanding and after dry-fitting again, it looked a lot better. I glued in a 0.5mm plastic strip to fine tune it and placed some two-part epoxy putty to even it out. It was

sanded back and dry-fitted again. It had improved but I still wasn't happy how the arches looked, so I made a tool using a large bolt wrapped with doubled sided tape, stuck on some 600-grit sandpaper, mounted it in my power-drill and started to sand the arches bit by bit to make them perfectly round ([pic 17](#)). This worked out great; I made a quick test fit again and the wheels-to-arch fit looked a whole lot better. I could finally paint the wheels and the body.

THE BODY AND WHEELS

The body and wheels were primed with Tamiya Grey Primer, thinned 50/50 with

Tamiya Lacquer Thinner. After a quick sanding of the body I painted it with Number 5 White. I then masked off the white at the rear and applied a few coats of Number 5 Black ([pic 18](#)). I could then paint the primed wheels, discs, rotors and callipers with Zero Paints Gloss Black. The tyres were painted with Tyre Black from Zero and I gave it an extra thin coat of two-part clear from Number 5 and left it to dry for a week, because it was time for a long-awaited vacation! ([pics 19, 20](#)).

The day I came back I painted the callipers, discs and rotors their metal

colours from Zero Paints and started applying the SK decals to the body. I had never done a full-wrap before so this was a new challenge for me. I started with the bonnet and worked my way up to the wings. From here I went over the doors and the roof, then the quarter panels to the rear of the car ([pics 21, 22, 23](#)).

Again I was very impressed with the quality of the markings from SK Decals. They were really thin and laid down with some Daco Strong setting solution, plus some heat from a hairdryer to conform around edges, wheel arches and convex shapes. Most of them were



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were applied over the tail-lights and I could then begin final assembly.

FINAL THOUGHTS

After it was done, I was kind of glad it was finished. Not in a bad way, because the kit was really

placed without any heat or decal setting solution, because it wasn't needed. They are best decals I have ever used. After a few days of curing I dry-fitted the windows then and masked them off and cut out the templates. I painted the trim with Tamiya X-18 Semi-Gloss Black and left it to dry overnight. A few coats of Tamiya X-27 Clear Red

and I didn't have any issues. The decals for the body and especially the carbon fibre took a lot of time and that's why it took so long to finish this build. I'm glad I built it and would build it again with the Evo that is coming out. I had a great time with the challenge of the full decal wrap; I'm definitely I'm going to do that again! I want to

NUNU 1:24 AUDI R8 LMS GT3 2015 SPA 24 HOURS KIT NO.PN24004

Materials:

Injection-moulded polystyrene, synthetic rubber tyres, waterslide decals

Paints used:

- Tamiya Spray: TS8 Italian Red, Surface Primer Grey
- Tamiya Acrylics: X-18 Semi-Gloss Black, X-27 Clear Red
- Number 5: White And Black, 2k Gloss Clear
- Zero Paints: Gloss Black, Audi Nardo Grey
- Zero Metal: Aluminium, Chrome, Steel, Titanium Silver, Titanium Gold
- Alclad II: Grey, White Primer Micro-Filler
- Vallejo Acrylics: Black, Yellow, Magenta

Accessories used:

- SK Decals: Audi R8 LMS Cup Sepang 2016 Phoenix Racing Asia #48 (SK-24135)
- NuNu: Audi R8 LMS 2015 GT3 24 hours Detail Up Parts (24004)
- KMP: Audi R8 GT3 LMS Rims and tyres set (KMP-TK24144)

Availability:

- NuNu kit supplied by: Ivan Basas Grife
- KMP, SK Decals, Number 5 paints: www.spotmodel.com
- NuNu, Zero Paints, Alclad II: www.hiroboy.com
- Tamiya paints and materials are widely available from good model shops and online.
- UK import and distribution by The Hobby Company Limited; www.hobbyco.net

offer a special thank you to the European distributor for providing the kit and upgrade set, KMP for the

wheels set, SK Decals for the markings and Number 5 for the paints. ●

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THE SHOCK OF THE NEW:

PART 1

Marcus Nicholls
starts construction on
Tamiya's 1:48 Lockheed
F-35A Lightning II

As with all too many of my model projects for TMMI, I had planned to have more of this kit ready for this issue, but as always, time got the better of me and I only got as far as the cockpit, ejector seat and the beginnings of the weapons bay. So far the model has been very enjoyable and even though the cockpit is very monotone, it has still been interesting applying different finishes to achieve various effects. I will push ahead with the build bring you the concluding part very soon! ●

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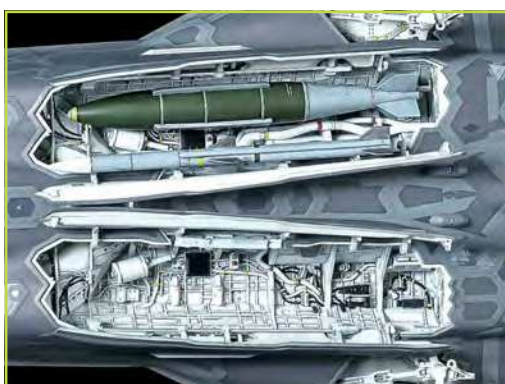
Tamiya factory photos



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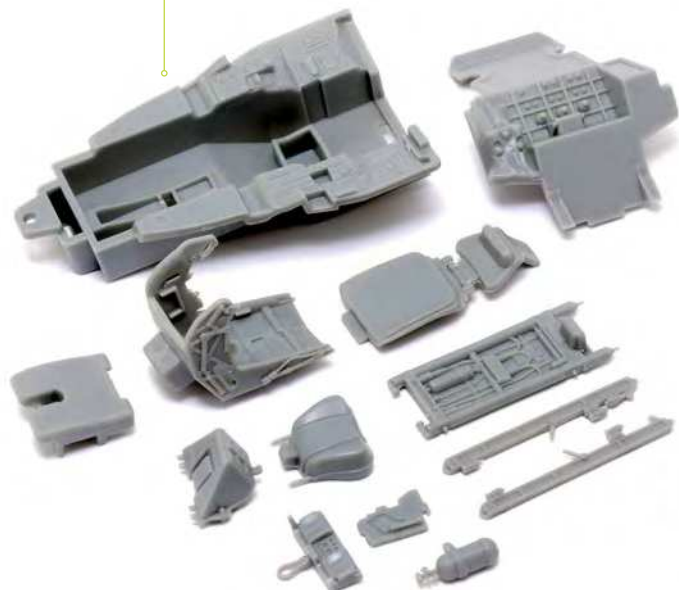
Tamiya factory photos



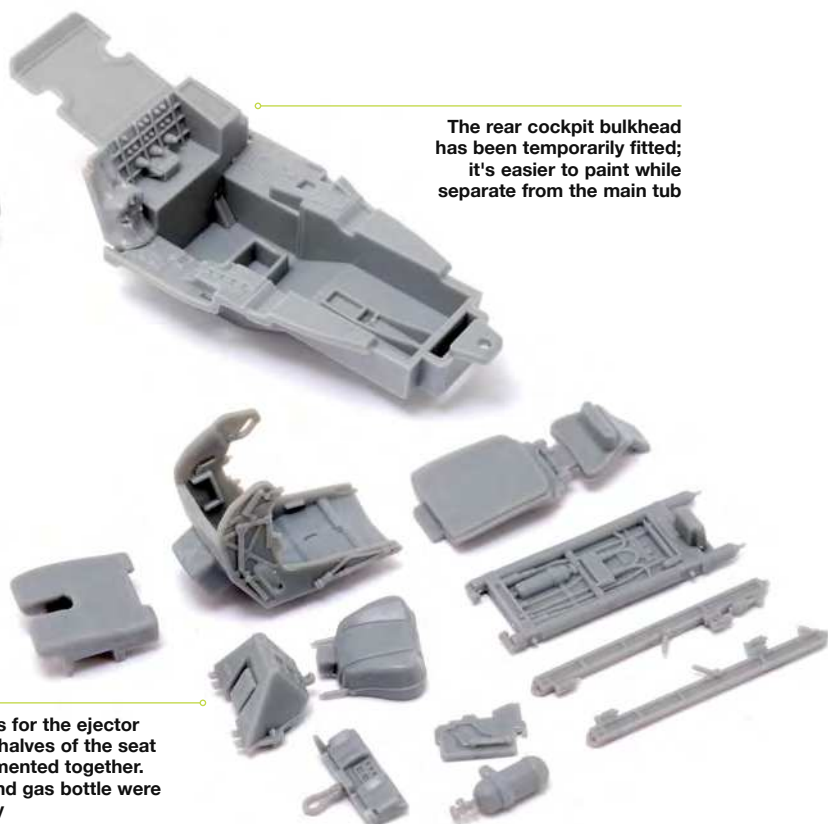
FULL-BUILD: MODERN MILITARY AVIATION

TAMIYA 1:48 LOCKHEED MARTIN F-35A LIGHTNING II ● KIT NO.61124

The main parts for the cockpit are seen here, cleaned up and ready for paint



The rear cockpit bulkhead has been temporarily fitted; it's easier to paint while separate from the main tub



These are the parts for the ejector seat, with the two halves of the seat bucket already cemented together. The frame, pads and gas bottle were painted individually

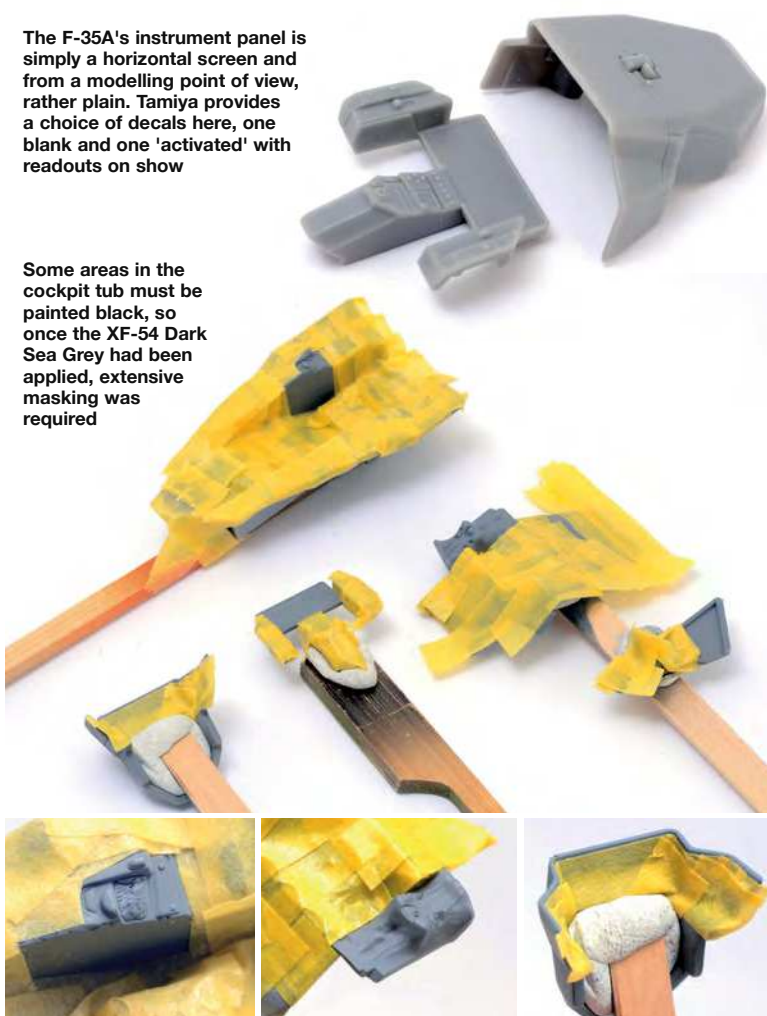


The pilot, as with the ejector seat, is one of the last items to be fitted to the model, but he was built up early on to check for fit



The F-35A's instrument panel is simply a horizontal screen and from a modelling point of view, rather plain. Tamiya provides a choice of decals here, one blank and one 'activated' with readouts on show

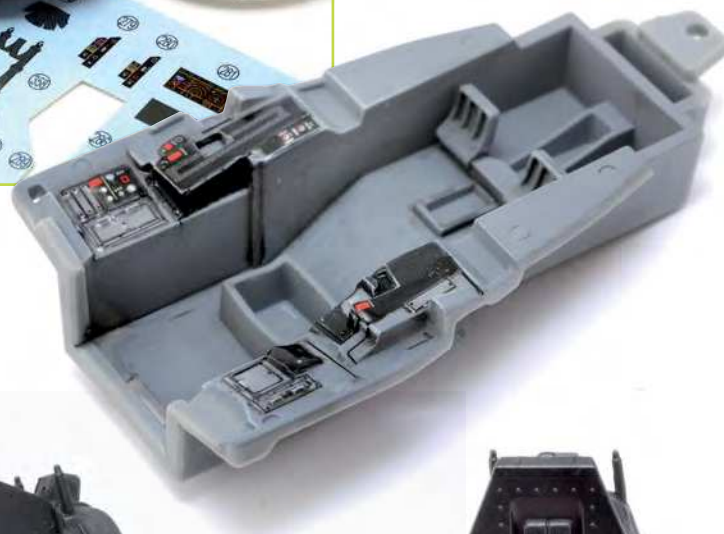
Some areas in the cockpit tub must be painted black, so once the XF-54 Dark Sea Grey had been applied, extensive masking was required



Here we see the cockpit and ejector seat in their raw 'colours' (grey and black) awaiting further treatment



The kit comes with some decals for the side consoles which do bring some tiny dots of colour into this monotone zone. Here, they have just been applied and are still setting into the raised detail



In this view, the throttle and control column, both side-stick types, have been fitted. Some additional data placards have also been applied (www.anyz.de) to jazz up the tub a little



There will be, no doubt, more detailed ejector seats offered by the aftermarket manufacturers in time, but the standard seat included with the kit is more than adequate



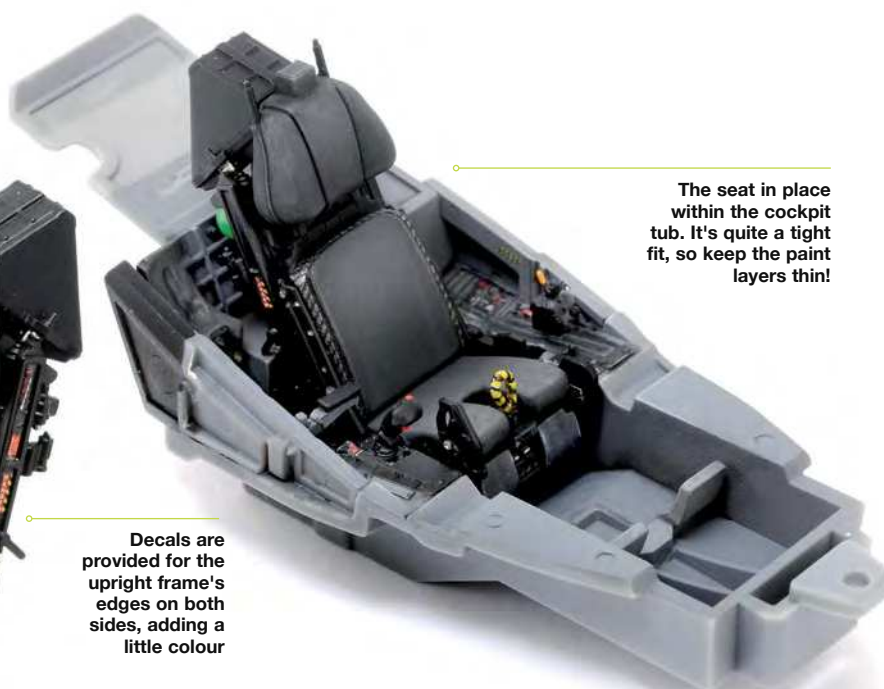
With some precise painting, the moulded detail on the seat's components looks pretty good



The pilot figure comes with the seat harnesses moulded-in, so none were fitted to the seat. Strips of carbon-fibre-effect decal (www.scalemotorsport.com) were applied to the edges of the seat's back-pad



Decals are provided for the upright frame's edges on both sides, adding a little colour



The seat in place within the cockpit tub. It's quite a tight fit, so keep the paint layers thin!



Tamiya have done a remarkable job with the F-35A's main undercarriage/weapons bay, moulding it with masses of fine detail and not an ejector-pin mark in sight. To protect the cementing-points, White-Tack was applied in key points, pressing it into the smaller areas with a cocktail stick

“Tamiya have done a remarkable job with the F-35A's main undercarriage/weapons bay...”



The holes for the GBU-13 JDAMs were 'masked off' with tips of cocktail sticks, seen in the bottom right of the image



The peripheral parts such as structural elements, pipes and fittings were mounted individually on skewers so they could each be painted with accuracy

MINI REVIEW...

EDUARD 1:350 OS2U-3 KINGFISHER (653009)
www.creativemodels.co.uk www.eduard.com

This pair of tiny US Navy Kingfisher observation float-planes is, of course, intended for use on model ships but they are so beautifully detailed they would make fun projects in their own right. They are formed by the 3D-printing process and are supplemented by a small fret of PE brass which provides the propellers, ailerons, pitots and cradle for the main float. Stunning little kits!



After an undercoat of flat black, the two small panels indicated in the instructions were sprayed X-11 Chrome Silver

The X-11 panels were masked off and application of the LP-4 Flat White – not coffee but paint – could then begin



The LP-4 Flat White was thinned heavily with Tamiya Lacquer Thinner Retarder Type (70/30 thinners to paint) and applied in light layers



Airbrushing in light layers allows a gradual paint build-up, creating a smooth surface and letting some of the black undercoat to show through, giving depth to the white. The Iwata Custom Micron Takuma was used exclusively here

TECHSPEC...

- Wingspan: 222mm
- Fuselage length: 326mm
- Realistically depicted Radar Absorbent Material (RAM) panels
- Weapons bay inside details including depictions of wiring
- Engine nozzle, cockpit, and landing gear bays
- Martin-Baker US16E ejection seat (multiple-piece design)
- Ladder which extends from nose left side
- Nose undersurface side details
- Y-shaped air intakes
- Engine nozzle (five-part design)
- RCS (Radar Cross Section) enhancers affixed to top and bottom sections (two for each, four in total) during basic training exercises
- Choose from open or closed weapons bay covers and canopy (the latter is interchangeable), up or down flaps, and extended or retracted boarding ladder

Markings are included for the following air forces:

- US Air Force
- Japan Air Self-Defence Force
- Royal Norwegian Air Force
- Royal Danish Air Force
- Royal Australian Air Force
- Israeli Air Force
- Italian Air Force
- Republic of Korea Air Force
- Royal Netherlands Air Force

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

To be continued...

LOCKHEED-MARTIN F-35A LIGHTNING II

Tamiya's all-new 1:48 kit of the extraordinary F-35A Lightning II 'Joint Strike Fighter' is now on sale, so here are some images to fire the imagination!



Photographs;

Marcus Nicholls

Various sources, public domain

311



MODELLING REFERENCES: LOCKHEED-MARTIN F-35A LIGHTNING II



An F-35A of the 495th Fighter Squadron USAF as seen at the Royal International Air Tattoo, 2022. This aircraft is painted in the new 'Z13' coating which covers the lighter grey RAM patterns on the airframe



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MODELLING REFERENCES: LOCKHEED-MARTIN F-35A LIGHTNING II



www.creativemodels.co.uk

Model by Wayne Hui

Model by Jeremy Moore

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EDUARD, CZECH REPUBLIC

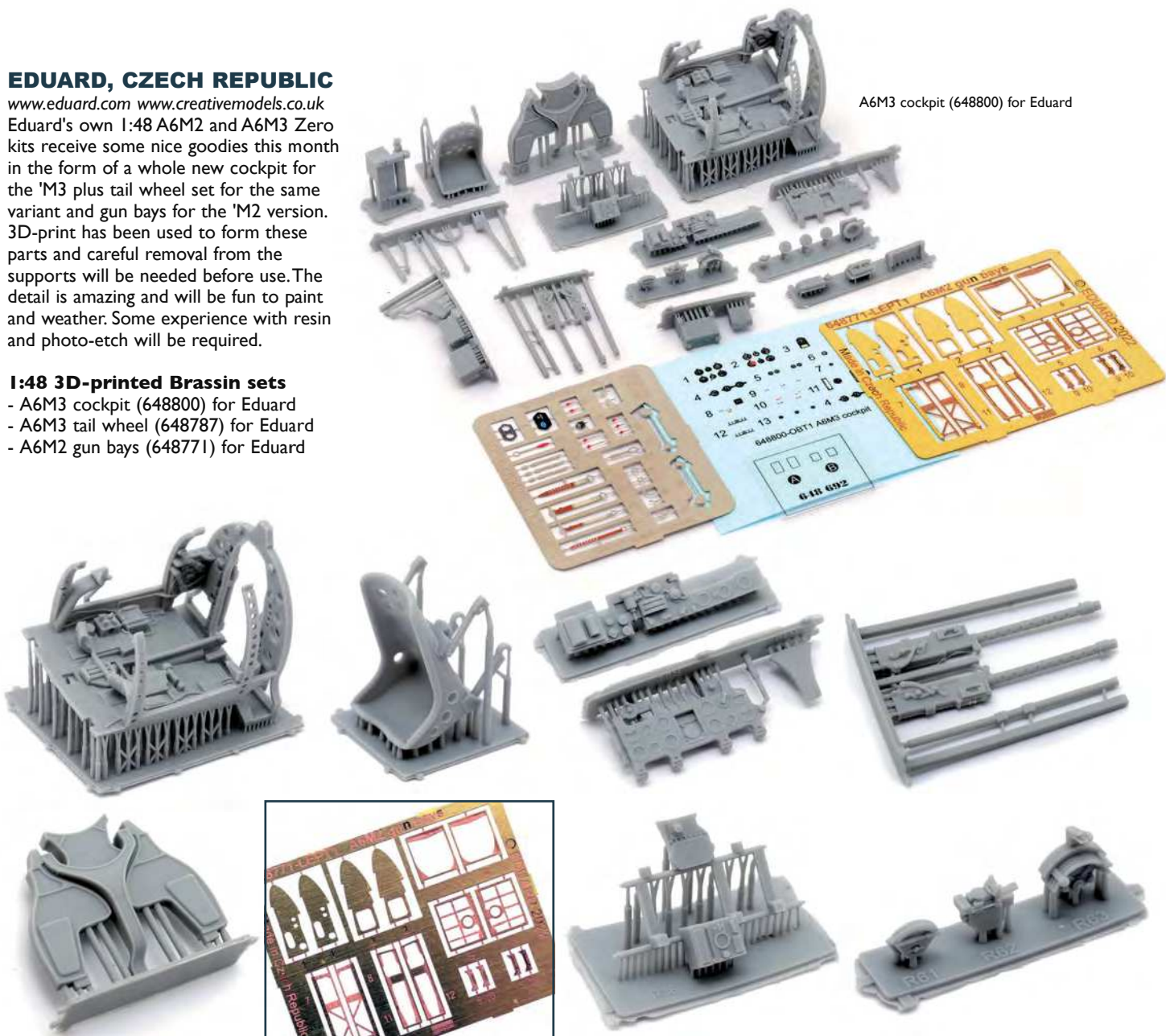
www.eduard.com www.creativemodels.co.uk

Eduard's own 1:48 A6M2 and A6M3 Zero kits receive some nice goodies this month in the form of a whole new cockpit for the 'M3 plus tail wheel set for the same variant and gun bays for the 'M2 version. 3D-print has been used to form these parts and careful removal from the supports will be needed before use. The detail is amazing and will be fun to paint and weather. Some experience with resin and photo-etch will be required.

1:48 3D-printed Brassin sets

- A6M3 cockpit (648800) for Eduard
- A6M3 tail wheel (648787) for Eduard
- A6M2 gun bays (648771) for Eduard

A6M3 cockpit (648800) for Eduard



A6M3 tail wheel (648787) for Eduard



A6M2 gun bays (648771) for Eduard



C 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 ALLOY, PER STRIP, R; RESIN, SVT; SOFT VINYL TYRES (OR TUBING), VF; VINYL FIGURES, VFP; VACUUM FORMED (PLASTIC), WC; WOVEN CORD, WS; WATERSLIDE (DECALS)

DEF MODEL, KOREA

www.defmodel.com

DEF Model have taken the leap into individual track sets using the 3D-print process and the results are extremely impressive. We received the first three track sets; two for the Sd.Kfz.251 halftrack and one for the Pz.III/IV and the surface detail is very refined. A little 'stepping' can be seen on some parts where the layers have built up, but it's very light and should all but disappear beneath paint and weathering.

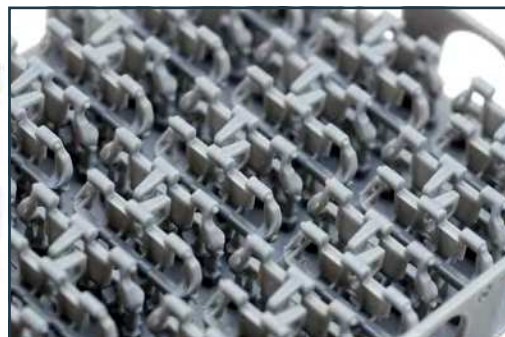
1:35 3D-printed resin track sets

- WW2 German Sd.Kfz.251 workable track set early (DT35001, not pictured)
- WW2 German Sd.Kfz.251 workable track set late (DT35002)
- WW2 German Pz.III/IV 40cm workable track set early (DT35003)

WW2 German
Pz.III/IV 40cm
workable track set
early (DT35003)



WW2 German
Sd.Kfz.251
workable track set
late (DT35002)



SSR MODELS, SWEDEN

Search Facebook for SSR Models

SSR Models is based in Sweden, with outstanding products including 1:72 figures and 1:35 weapons, all manufactured using state-of-the-art 3D printing. This results in a level of detail that can be simply breathtaking. From the range, we have selected five packs of pistols, with typically eight weapons in each pack, and the pictures barely do justice to the level of detail in each. In the Mauser C96 'Broomhandle' comes with empty and full holster/stock, in different configurations. These various pistols could be added to figures or could adorn dioramas as desired. The Luger, Mauser and Colt were used in WWI, and then with the Walther they served in WW2. The Glock is a 'modern' weapon, very widely used. To get hold of SSR products, it is best to contact via their Facebook page, although some shops are beginning to stock the range. Eye-watering detail in 1:35 weapons, suitable for many uses, but it would be useful to have closed and open holsters for each pistol type. CLS

1:35 3D-printed accessory set

- Walther P38, Luger P08, Mauser C96, Colt M1911, Glock 17

BRENGUN 1/72 -plastic kits
BRP72042 Yak 1b GC-3 Normandie
BRENGUN 1/144 -accessories
BRL144162 Mirage Ladder
BRENGUN 1/144 -construction kits
BR5144050 BTR-60 PU
BRENGUN 1/72 -resin construction kits
BR572017 SO-122II Qinn
BRENGUN 1/35 -accessories
BRL72208 Arado Ar-396 (RS model kit)
BRL72209 Morane-Saulnier MS.225 (Heller/Smer kit)
BRL72210 He-115 (Revell kit)
BRL72211 A-4C conversion (Airfix kit)
BRL72212 A-4C rockets (A-4 Skyhawk)
BRL72213 Mirage Ladder
BRL72214 P-47N Wheels (3 type of pattern)
BRENGUN 1/48 -accessories
BRL48133 AIM-9X (2pcs)
BRL48134 MKXVII Depth Charge
BRL48135 F/A-18 Wheels
BRENGUN 1/30 -accessories
BRL32040 AGM-45 Shrike

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New Releases Accessories

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

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AMMO, SPAIN

www.ammo.es

These products are 'gloopy' acrylic mixes with the appropriate texture and colour for groundwork on a diorama or vignette. The size of the granularity in the texture would make these most appropriate for 1:35 bases, possible for 1:48. The material certainly saves time and can produce an excellent surface for future work. It is possible to mix in acrylic paints or pastel powders to vary the appearance and while wet it can have vegetation or objects inserted into the surface. The acrylic dries to a resistant surface, into which cracks can be scribed and so on. In summary, these products can be used to save a lot of time, by producing a reasonable colour and texture out of the pot. Each container is filled with 100ml of the compound, which is sufficient for covering a significant area on a base, depending on the thickness used. CLS

Acrylic paint sets

- Light Earth Ground (A.MIG-2152)
- Asphalt Ground (A.MIG-2157)
- Concrete Texture (A.MIG-2158)



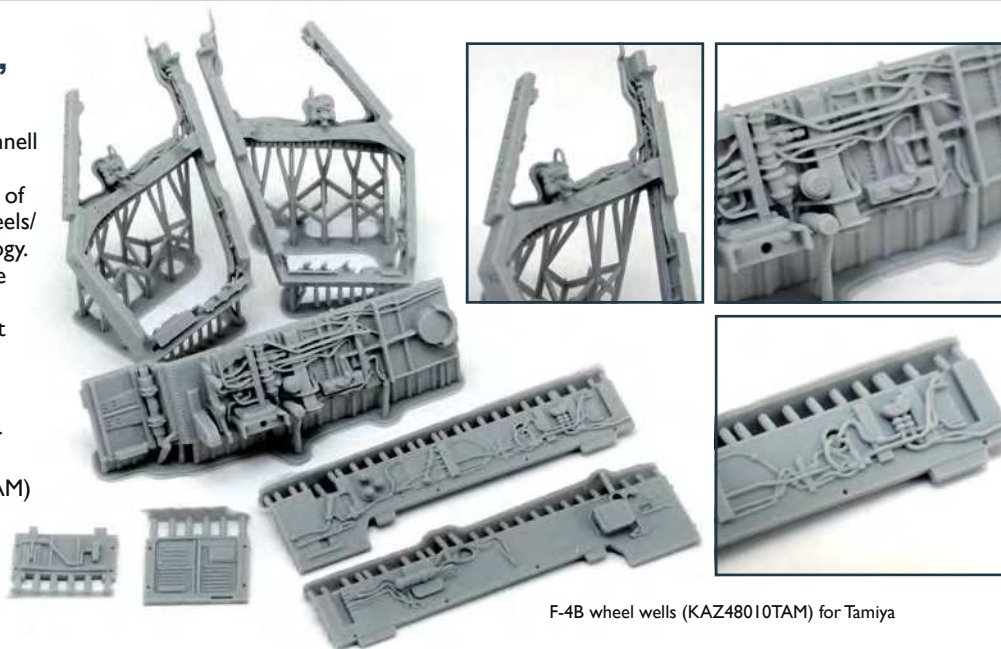
KAZAN MODEL DYNAMICS, CANADA

www.kazanmodeldynamics.com

Tamiya's stunning 1:48 kit of the McDonnell Douglas F-4B Phantom II gets a set of wheel well upgrades here, plus a full set of replacement undercarriage legs and wheels/tyres, all created with 3D-print technology. The detail is very impressive; as with the DEF Model tracks reviewed here, a few build-lines can be observed in places but this should be hidden under paint.

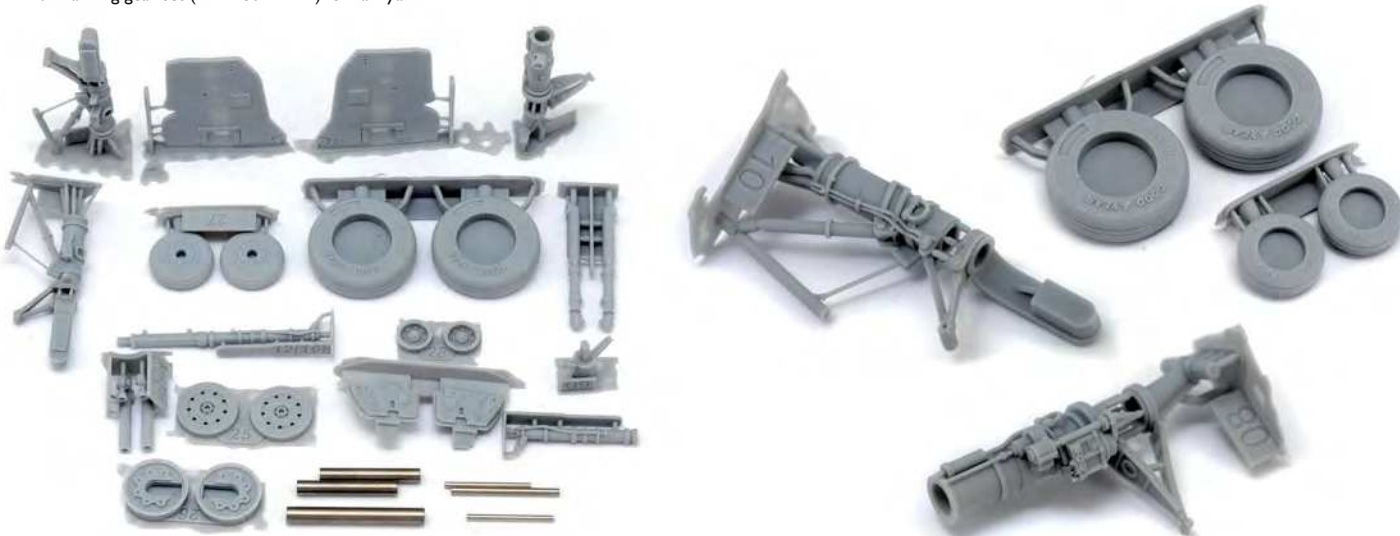
1:48 3D-printed detail sets

- F-4B wheel wells (KAZ48010TAM) for Tamiya
- F-4B/N landing gear set (KAZ48012TAM) for Tamiya



F-4B wheel wells (KAZ48010TAM) for Tamiya

F-4B/N landing gear set (KAZ48012TAM) for Tamiya



eduard

1/48

Spitfire Mk.Vb mid

WEEKEND
edition

Weekend edition kit of British WWII fighter plane Spitfire Mk.Vb in 1/48 scale. The kit is focused on on Spitfires in the so-called medium series with pre-set armoured glass on the windshield and a bulge covering the cannon cartridges on the lower surface of the wing in the shape of a kidney.

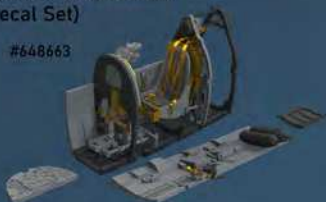
RECOMMENDED ACCESSORIES:

481065	Spitfire Mk.V landing flaps (PE-Set)
FE1207	Spitfire Mk.V seatbelts STEEL (PE-Set)
FE1322	Spitfire Mk.Vb weekend (PE-Set)
644113	Spitfire Mk.V LööK (Brassin)
648098	Spitfire wheels - 5 spoke (Brassin)
648119	Spitfire wheels - 5 spoke, smooth tire (Brassin)
648640	Spitfire Mk.V engine (Brassin)
648663	Spitfire Mk.V cockpit (Brassin)
648664	Spitfire Mk.V wheels (Brassin)
648667	Spitfire Mk.V three-stacks exhausts rounded (Brassin)
648668	Spitfire Mk.V three-stacks exhausts fishtail (Brassin)
648669	Spitfire Mk.V six-stacks exhausts fishtail (Brassin)
648738	Spitfire Mk.V landing flaps PRINT (Brassin)
D48088	Spitfire Mk.V stencils (Decal Set)



#644113

#648663



BM211, F/Lt John D. Mitchner,
No. 402 Squadron RCAF,
RAF Merston, United Kingdom,
September-November 1943



BL594, W/Cdr Alexandr Gabszewicz,
No. 2 Polish Wing,
RAF Northolt, United Kingdom,
February-May 1943



BL384, F/Lt John A. A. Gibson,
No. 457 Squadron RAAF,
RAF Andreas, United Kingdom,
December 1941



BM309, 2/Lt Robert A. Boock,
335th FS, 4th FG,
Debden, United Kingdom,
February 1943



#84186

www.eduard.com

New Releases

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

What's in the box?

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BRENGUN, CZECH REPUBLIC KOKUSAI TA-GŌ JAPANESE SUICIDE PLANE

www.brengun.cz

SCALE: 1:72 • MATERIALS: IM, WS • ITEM NO. BRP72046

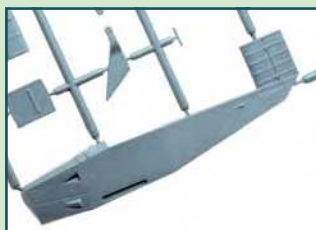
The innocent-looking WW2 Japanese Kokusai Ta-Gō aircraft was designed with one tragic purpose in mind; to create a cheap and quick-to-construct kamikaze aircraft for use against Allied vessels, armoured columns and troops, in anticipation of the invasion of the Japanese home islands by the Allies in 1945, known as Operation Downfall and Operation Olympic. The aircraft's construction was mostly from non-strategic materials such as wood and fabric giving it a simplistic appearance and Brengun have done a marvellous job of capturing this in miniature form. In 1:72 the Ta-Gō is a pretty small model but the detail is there, with wing ribs and recessed panel-lines on the fuselage in evidence. It comes moulded on a single sprue of blue-grey polystyrene, with a clear windscreen and a sheet of waterslide markings for one machine in overall dark olive drab. The cockpit is basic – most likely echoing the real thing – with just a floor, seat, rudder pedals, control column and instrument panel. The latter is provided with dial-decals and with lead-foil some seat harnesses, it will be perfectly adequate. One area that could use a little refinement is the single, centre-line bomb whose fins are too thick for this scale; photo-etched replacements would be useful here. It's a short-run kit so some old-school modelling skills will be needed, but it's an interesting subject on a neat little presentation. **TMMI**



Fascinating subject, nice detail



Short-run, so be prepared to make some fit adjustments



ITALERI, ITALY VOLVO F12 INTERCOOLER LOW ROOF WITH ACCESSORIES

www.hobbyco.net

SCALE: 1:24 • MATERIALS: IM, SVT, WS • ITEM NO. 3957

Volvo's F10 and F12 tractors were launched in 1977 and featured many innovations, most notably a safety-conscious cabin with a high level of ergonomic comfort for the driver. All engines were straight-six, turbocharged diesel units of Volvo's own design, the F12 having a twelve-litre version. Italeri's truck models were well ahead of their time in terms of detail, accuracy and precision and Italeri's 1:24 F12 1981 kit is proof of that; the parts still look crisp and well detailed, even if a little extra clean-up might be required. Several iterations of the 1:24 F12 have appeared over the years with different liveries and new parts, most significantly the inclusion of a 'high roof' with horns and lights for the 'Globetrotter' version in the '80s. The newest incarnation is the 'low roof' design and here we are treated to some fun additions such as the Michelin 'Bibendum' man as well as some other commercial mascot figures in the same vein. On the sprue of accessories you'll also find further items such as fire extinguishers, 'high top' roof, ladder, stowage racks and other custom parts. A new decal sheet provides graphics for some groovy 1970s paint schemes and they all look very retro-cool. Italeri's decals are produced to a famously high quality and these will look fantastic, whichever livery you opt for. A full engine, detailed chassis, suspension and a comprehensive cabin all go to form a highly detailed model. **TMMI**



Tons of detail, superb new decals, lots of accessories in the box



It's forty years old, so a little extra test-fitting will prove beneficial



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



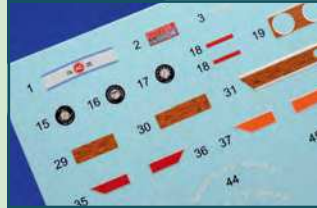
REVELL, GERMANY '71 OLDSMOBILE 442

www.revell.de

SCALE: 1:25 • MATERIALS: IM, SVT, CP, WS • ITEM NO.07695

Despite an industry-wide slowdown of muscle car sales, the 4-4-2 returned in 1971 with only minor modifications from the previous year. The 1971 4-4-2 was available in a hardtop coupe and convertible body type. The sport coupé disappeared for the first time since 1964, only to return in 1972. 1971 Model-year appearance changes included a black grille with silver surround, silver headlight bezels, round parking lights in the front bumper and horizontal tail lights. Quarter-mile performance as reported by Road Test magazine was 15.2 seconds at 99mph (159 km/h), and 0-60 mph in 8.9 seconds. (Wikipedia). Revell originally released their 1:25 Oldsmobile 442 kit back in 2009 as a 1972 Cutlass (convertible) and other variants followed in relatively quick succession. With this 2022 edition we are treated to a hard-top bodysell in the box which creates the 1971 coupé, a better-looking muscle-car than the soft-top, in this reviewer's opinion. The same excellent underpinnings are present, all of which are very well detailed but hard to see thanks to the slightly translucent white plastic in which the kit is moulded; the raw plastic is extremely difficult to photograph too! The engine is the star here and it comes with some really nice detail parts. With the addition of some ignition and battery wires (not included) it'll look excellent and fully viewable thanks to the hinged bonnet/hood. The cabin captures the 1970s look perfectly and the undersides are well rendered, too. All in all, another excellent Revell muscle car with heaps of stance and attitude! **TMMI**

- + Fantastic early '70s muscle car with loads of character
- White plastic can be challenging to work with



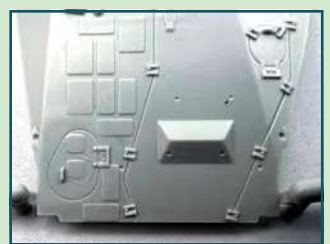
REVELL, GERMANY WIESEL 2 LeFlaSys BF/UF

www.revell.de

SCALE: 1:35 • MATERIALS: IM, WS • ITEM NO.03336

The German Wiesel series of vehicles are designed as air-portable vehicles to fulfil a range of tasks, such as carry anti-tank missiles. Wiesel 1 was produced from 1985-93 and the enlarged Wiesel 2 appeared in 2001. These light vehicles can resist small-arms fire, but rely on mobility to evade heavier weapons. The version in this kit is the command vehicle for Light Flak System, which consists of anti-aircraft missiles on other Wiesel vehicles. Seven of these command vehicles have been produced. Revell have also released the missile carrier and the radar versions, so that all of the Flak vehicle types are available. The kit is relatively new and is crisply moulded with good detail. The wheels are particularly striking as they are thin and finely moulded, capturing the precise look of the real vehicle. The tracks are one-piece vinyl, with good detail on both sides. The hull of the vehicle is a simple box shape, and the kit captures the relative simplicity and uncluttered appearance, largely free of stowage. This makes the vehicle a wonderful subject for painting and weathering. Overall, the kit is designed to be quick and easy to construct, without over-engineering, so it lacks the etched mesh and complex assembly of other kits. It does offer the chance to super-detail, but essentially this is a cool little model of a unique modern vehicle. **CLS**

- + Lengths of fine wire are provided for the all-important aerals
- Hatches lack internal detail, which will need to be added if desired



KIT PREVIEW

AIRFIX 1:48 AVRO ANSON MK.I ● KIT NO.A09191



HANDSON

The RAF's twin-engined WW2 workhorse has been immortalised in polystyrene thanks to Airfix and they've done an amazing job of it

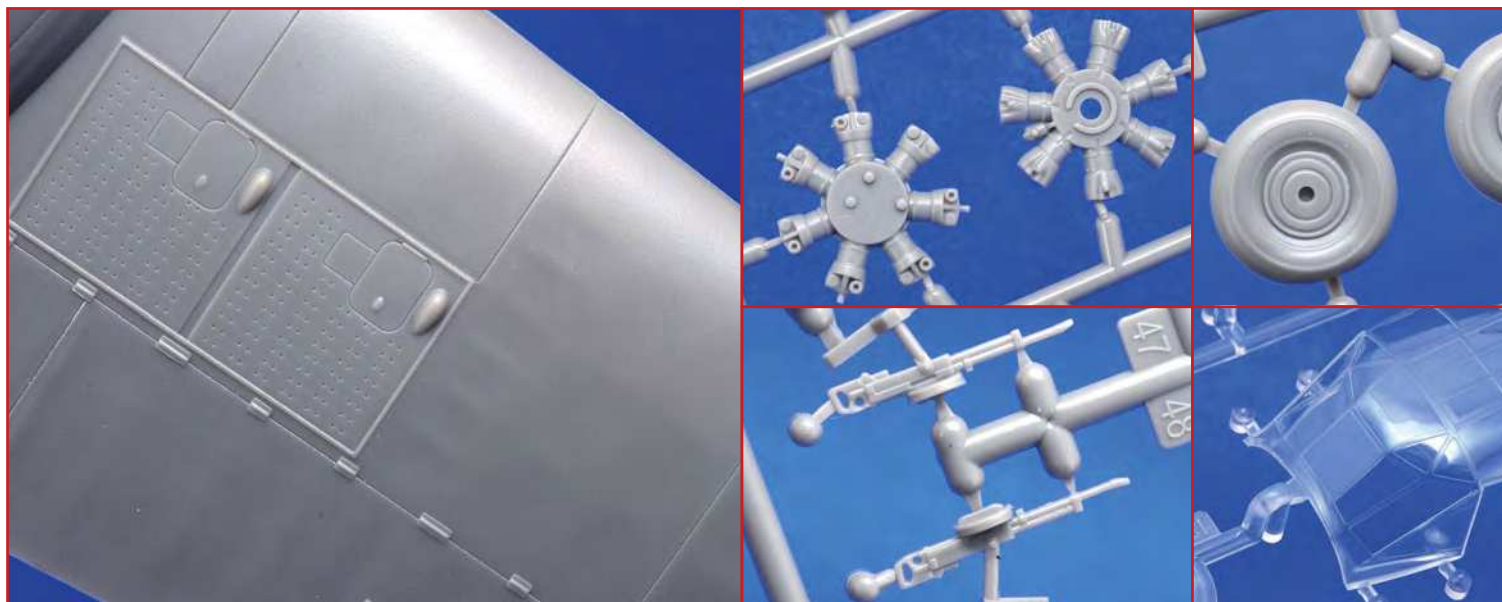
The Anson was a British twin-engined, multi-role aircraft built by the aircraft manufacturer AVRO. Large numbers of the type served in a variety of roles for the Royal Air Force, Fleet Air Arm, Royal Canadian Air Force and numerous other air forces before, during and after the Second World War. Initially known as the Avro 652A, the Anson was developed during the mid-1930s from the earlier Avro 652 airliner in response to a request for tenders issued by the British Air Ministry for a maritime reconnaissance aircraft. Having suitably impressed

the Ministry, a single prototype was ordered, which conducted its maiden flight on 24th March 1935. Following an evaluation in which the Type 652A bettered the competing de Havilland DH.89, it was selected as the winner, leading to Air Ministry Specification 18/35 being written around the type and an initial order for 174 aircraft being ordered in July 1935.

The Type 652A was promptly named after British Admiral George Anson. The Anson entered service with the Royal Air Force and was initially used in the envisaged maritime reconnaissance operation alongside the

larger flying boats. After the outbreak of the Second World War the Anson was soon found to have become obsolete in front line combat roles. Large numbers of the type were instead put to use as a multi-engined aircrew trainer, having been found to be suitable for the role and became the mainstay of the British Commonwealth Air Training Plan. The Anson continued to be used in this role throughout and after the conflict, the final RAF example was only withdrawn from service as a station communications aircraft in 1968. 11,000 Ansons eventually produced.

(History edited from Wikipedia)





THE ANSON!

AIRFIX ANSON IN 1:48

Although it's not perhaps the most glamorous of aircraft in the RAF's WW2 inventory, the Anson has a charismatic appeal of its own and it makes a terrific subject for a model kit. Airfix released their 1:72 Anson back way in 1962 and now, sixty years later, we have a brand-new model in 1:48 and what a delightful production it is. One clear and six grey sprues make up the model, which comes in a mid-sized box topped with a stunning colour illustration by Adam Tooby. Surface detail is superb with an incredibly convincing representation of the structural ribbing and stringers beneath the airframe's surface. That greenhouse-like glazing is taken care

of by crystal-clear mouldings and it'll be worth performing many test-fit operations before applying cement to avoid smears! All we need now is a set of pre-cut masks from Eduard to make the painting process easier..

Weighted tyres, recessed panel line and fastener detail and a general air of sophistication make this kit and extremely appealing proposition and we will be starting construction soon!

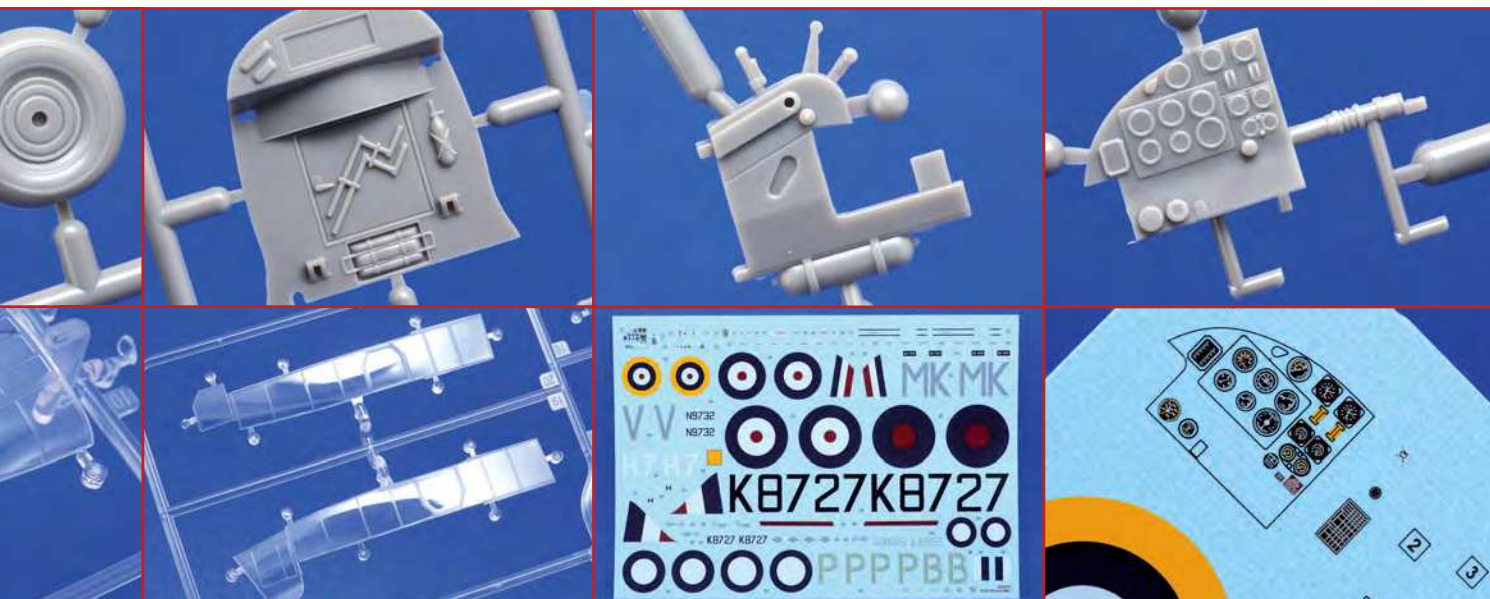
Three markings-options are provided, each visually attractive:

- Avro 652A Anson Mk.I N9732 crewed by Pilot Officer Philip Peters, Sergeant D. Spencer and Leading Aircraftsman Pepper, No. 500 (County of Kent) Squadron Royal Auxiliary Air Force, Royal Air Force Detling, Kent

- Avro 652A Anson Mk.I Coastal Command camouflage trials aircraft, No.71 Squadron, Royal Australian Air Force, Lowood, Queensland, October 1943. (B)
- Avro 652A Anson Mk.I No. 31 General Reconnaissance School, Royal Canadian Air Force, Charlottetown, Prince Edward Island, Canada, 1941. (C) ●

Full-build article of this kit is coming soon to Tamiya Model Magazine! Don't miss out - subscribe now at: www.doolittlemedia.com

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www.airfix.com



TAMIYA PACHI

THE 82ND RUNNING OF THE PACHI CONTEST SAW ENTRIES FROM A RANGE OF AGES BETWEEN TEN AND EIGHTY, WITH THE QUALITY HIGH ACROSS THE BOARD. DIORAMAS WERE A POPULAR ENTRY, AND SUBJECTS ALSO INCLUDED RECENT TAMIYA RELEASES SUCH AS THE M18 HELLCAT AND KV2

DIORAMA SECTION



82

ANGE OF
E BOARD.



'Twilight'

Mr Kunihiro Mitsuishi
Scale: 1:35

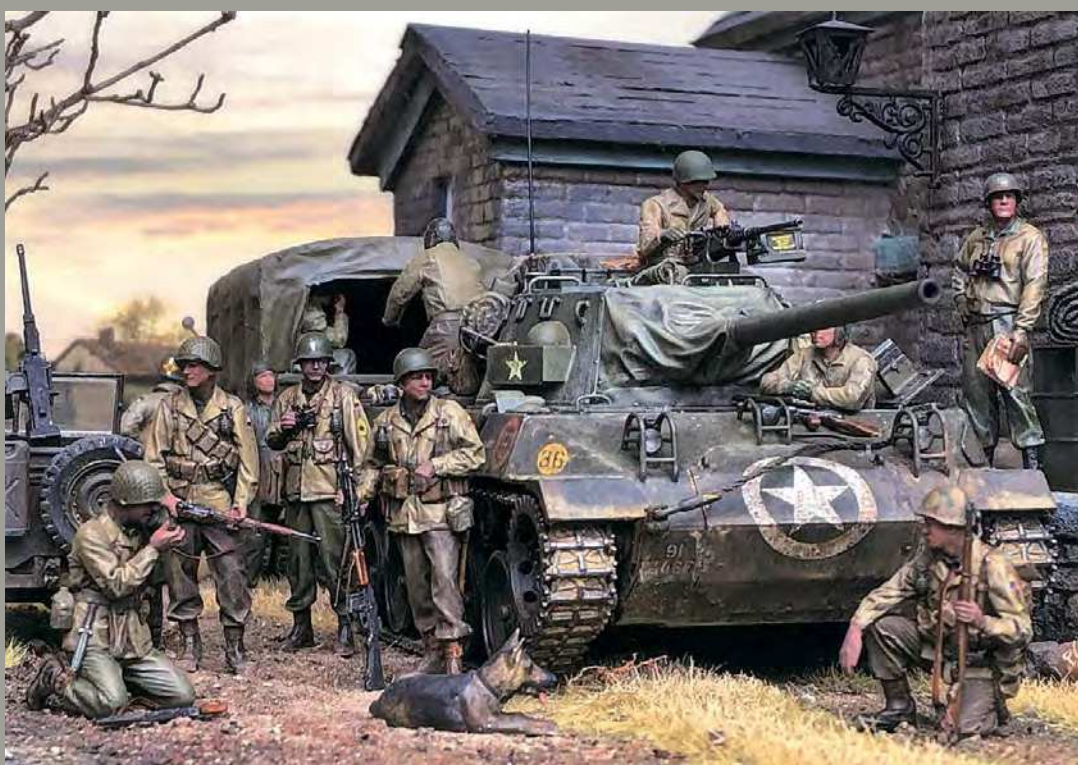
"This piece takes two of this year's new Tamiya releases - the M18 Hellcat and U.S. Infantry Scout Set - and pairs them with a favourite of mine, the M8 Greyhound. I decamped outside with the Diorama, taking numerous pictures as the sunset deepened; I intentionally wanted to capture some glare to accentuate the silhouettes of the subjects. I live in a rural area, and don't think that this shot would have been so easy to take in a more urban setting."



'A Shot at Glory'

Mr Kenichi Sanada
Scale: 1:35

"This time, I was intent on making the Pershing's excellent suspension central to my diorama; to that end, I also removed some sections of the right fender. The paving and brickwork was created using polystyrene board. It can be difficult converting your imagination into physical form when making a diorama, but the sense of achievement when it's done is something else!"



'What's Next?'

Mr Akira Hitomi
Scale: 1:35

"I have tried here to capture a tactical briefing among a US scouting platoon, with the figures accompanied by the M18 Hellcat, a cargo truck and an off-road vehicle - the building is polystyrene board and the truck's canvas roof is tissue paper. I photographed the scene outside around sunset. My personal goal in my Pachi entries is to make them as realistic as is possible."





**BRONZE
AWARD**

'Readying to Fire'

Mr Tomoya Kawada
Scale: 1:35



**BRONZE
AWARD**

'Memories of Home'

Mr Takahiro Tani
Scale: 1:48



**BRONZE
AWARD**





'Sherman in Action'

Mr Yusuke Hayashi
Scale: 1:35



'Peace at Last'

Mr Yuya Kato (13)
Scale: 1:48



'Scouting on the Front Lines'

Mr Hiroshi Takashima
Scale: 1:35



'Enjoying the Shade'

Mr Ibuki Sawamura
(14)
Scale: 1:35



'Type 16 Rides the Motorway'

Mr Iwao Hashimoto
(80)
Scales: 1:35, 1:48

MODEL SECTION



'KV-2'

Mr Kentaro Minami
Scale: 1:35

"Painting with an 0.2mm airbrush, I began with green splotches and gradually worked some buff into the mixture to add light to the model, while on the turret, I made my own masking materials for the imaginary turret number using a cutting plotter. I chose red as a complimentary background colour to help the model's overall green stand out more, although it was rather difficult to keep the red from reflecting on the model!"



'Type 10 Tank'

Mr Ryoichi Sumida
Scale: 1:35





'M-18 Hellcat'

Mr Yoshiyuki Kano
Scale: 1:35

"As the model appears by itself, I felt it most important to get the paint job right: most of my efforts were concentrated on achieving a realistic contrast, and I also used chipping, dry brushing and filtering on the way. Dirt was applied to the suspension with weathering sticks and spattering. I took this shot indoors in a photo booth, using a single-lens reflex camera."



'Sturmgeschütz III Ausf.G'

Mr Satoshi Tateoka
Scale: 1:35

"I went all out with the accessories on this model, piling it up with typical late-WWII fare. The model itself was basically built out of the box, the only additions being the armor plates and a rear rack; the accessories were borrowed from other kits. I used lacquer, acrylic and enamel paints, trying to achieve a realistic contrast across the model and give it a proper three-dimensional air even in photographs."



'Sd.Kfz.251/10 (1943)'

Mr Nobuyuki Nippashi
Scale: 1:35



'JSU-152'

Mr Ryuji Nozawa
Scale: 1:35



BRONZE
AWARD

'KV-2 Gigant'

Mr Yosuke Yamada
Scale: 1:35



JUNIOR
AWARD

'Pz.Kpfw. IV Ausf. G (Early Production)'

Mr Koki Nishimura (15)
Scale: 1:35



JUNIOR
AWARD

'Challenger 2'

Mr Garyo Mori (14)
Scale: 1:48



SPECIAL
AWARD

'Attacked!!'

Mr Takanori Shigeoka
Scale: 1:35



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TIMOSSO
RACER**

**1:8
scale**

Length 79 cm.

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CIWL Orient Express of 1929 SLEEPING CAR N°3533 LX

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**1:32
scale**

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**GERMAN BATTLESHIP
BISMARCK**

Kriegsmarine 1941



Item 1614

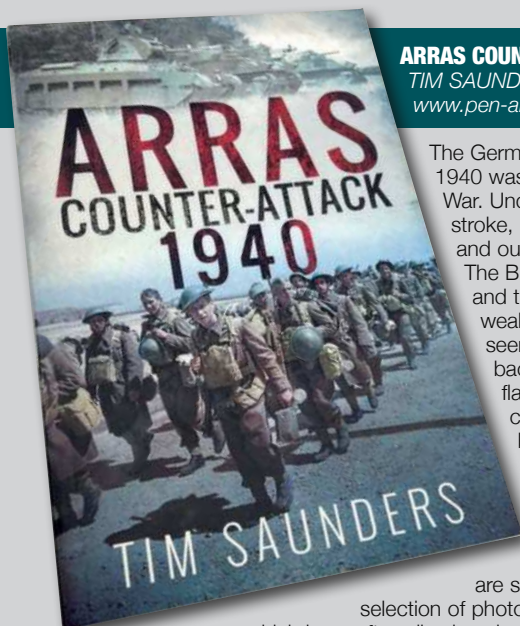
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Length 127 cm.
Height 29.2 cm.
Width 18.2 cm.

**1:200
scale**

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?



ARRAS COUNTER-ATTACK 1940

TIM SAUNDERS, PEN & SWORD MILITARY
www.pen-and-sword.co.uk

The German advance through Belgium and France in 1940 was so fast that it was called Blitzkrieg; Lightning War. Undeniably, this German attack was a master stroke, sweeping aside numerically superior enemies and out-maneuvring more ponderous opponents. The British Army at this time was fully mechanised and the BEF had many advantages although weaker tactically and strategically. When all seemed lost, on 21st May 1940 the BEF struck back, throwing two tank regiments against the flank of the 7th Panzer Division. This blow was completely unanticipated and the German units began to collapse until Erwin Rommel rallied his division and used his 88mm anti-aircraft guns to stop the British Matildas. This book is a fantastic account of the lead-up and the attack which had hoped to grab Arras, a transport hub. The descriptions of events

are supported by personal memoirs and a great selection of photos, to give the reader a clear view of this battle, which is so often dismissed as a British failure. In reality, the unexpected lunge into the German flanks contributed to Hitler ordering his forces to halt, allowing the British and French armies to escape from Dunkirk. This book in 200 pages covers the topic in a very readable and informative style, providing a great resource for a competitive price. **CLS**



IMAGES OF WAR ALLIED ARMIES IN SICILY AND ITALY 1943-1945

PHOTOGRAPHS FROM WARTIME ARCHIVES

ALLIED ARMIES IN SICILY AND ITALY 1943-1945

SIMON FORTY, IMAGES OF WAR SERIES, PEN & SWORD
www.pen-and-sword.co.uk

After the defeat of Axis forces in North Africa, the Allies decided to thrust up into the 'soft belly of Europe', first taking the large island of Sicily and then invading Italy. These attacks immediately eased the pressure on shipping routes through the Mediterranean, but the land battles turned out to be much tougher than anticipated, with the Axis stubbornly resisting from terrain that favoured the emplaced defenders. Feeling ignored by the public, and spawning the song 'D-Day Dodgers', the armies in Italy faced extremely tough fighting against experienced opponents and this book helps to restore the balance with 144 pages of photos and narrative.

The photos are well-chosen, mainly rarely seen before and the captions are very informative. Overall, this book provides a clear understanding of events from the 1943 Husky landings on Sicily through to Venice and Milan, and the Axis surrender on 2nd May 1945. This is a great resource for historians and modellers, illustrating the brutality of the fighting in heat, mud and mountains. **CLS**



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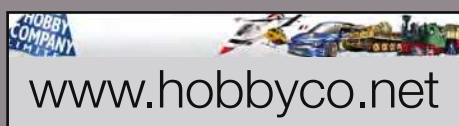


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The next issue of TMMI is March 2023 (No.329),
on sale 16th February



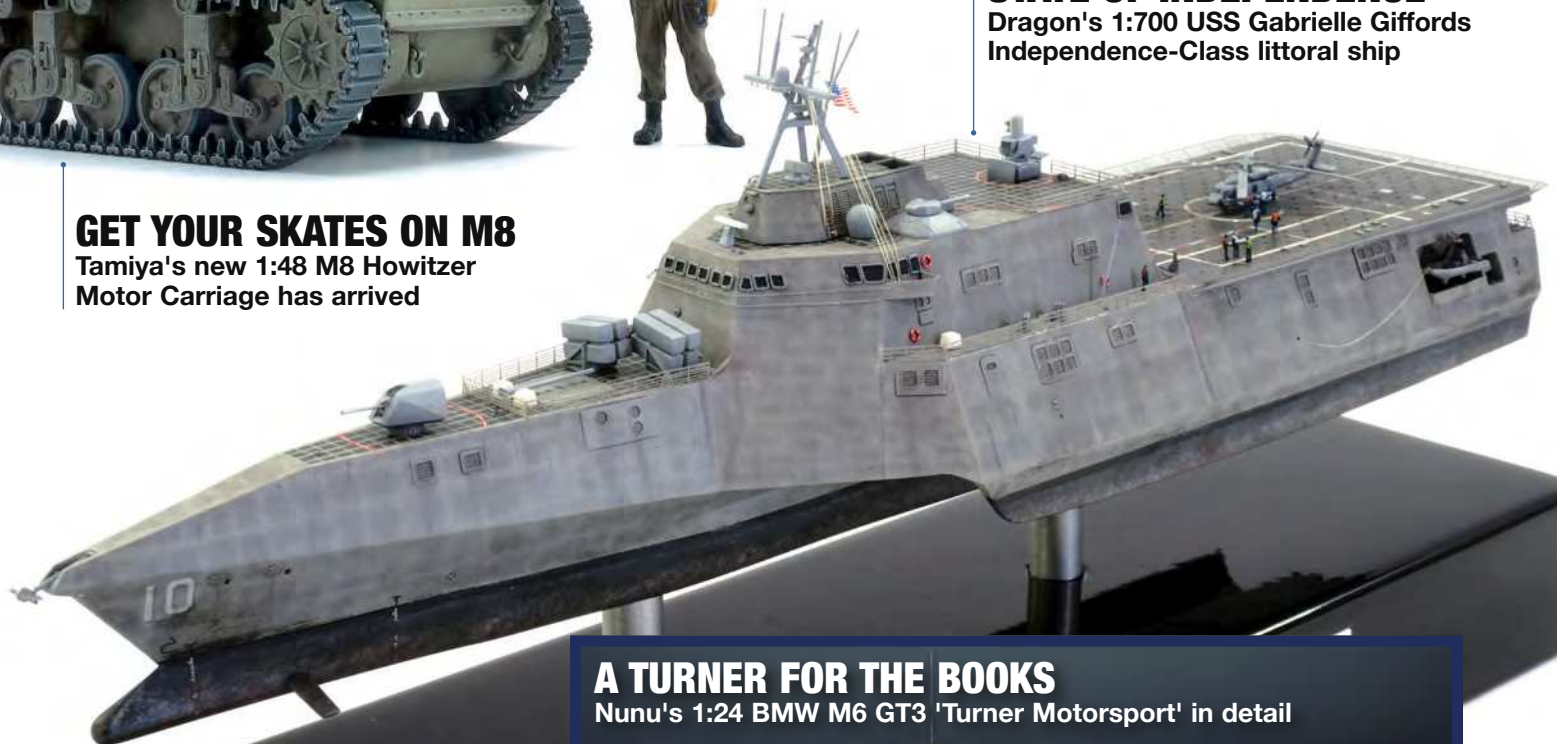
GET YOUR SKATES ON M8

Tamiya's new 1:48 M8 Howitzer
Motor Carriage has arrived



STATE OF INDEPENDENCE

Dragon's 1:700 USS Gabrielle Giffords
Independence-Class littoral ship



A TURNER FOR THE BOOKS

Nunu's 1:24 BMW M6 GT3 'Turner Motorsport' in detail



...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 shown above 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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KINGFISHER BRINGS US A SPITFIRE!

As you will have seen in the second part of my report from Scale Modelworld this month, an all-new Spitfire Mk.Ia is on its way, courtesy of the New Zealand manufacturer Kōtare. As I explained, this new manufacturer is headed by Richard Alexander who was the man behind the near-legendary 'Wingnut Wings' who, over an all-too brief lifespan, created the best kits of World War One aircraft yet seen in 1:32, or any scale for that matter. Wingnut Wings' swansong (well, almost) was their 1:32 Lancaster B Mk.I/III which was ultimately released by Border Model. Might this subject have given us a hint of what may have materialised had Wingnut Wings continued? We will never know, but the NZ maker's DNA appears to run throughout the Kōtare Spitfire and I cannot wait to have it in my hands. Much more news in TMMI soon! ●

A few specs courtesy of the manufacturer:

- 117 injection moulded parts to build a mid-production Spitfire Mk.Ia (in the N & P serial number range)
- Designed and engineered for accuracy, ease of assembly and detail
- No complicated engine & engine bay assembly or photo-etched metal parts
- Optional open/closed cockpit doors
- Optional open/closed canopies
- Optional 'metal' pilot's seats with and without moulded on harness details
- Positionable rudder, elevators and ailerons
- DeHavilland 5/29a & Rotol RX5/I propellers
- High-quality Cartograf decals for three colour schemes including N3180 54 Sqn KL-B "Kiwi", Alan Deere, May 1940. The remaining three to be confirmed.

Future releases will include:

- Early production (K & L serial numbers) with thirty-one additional parts including engine cowlings, exhausts, fuel tank, canopies, instrument panel
- Late production (R, X & AR serial numbers) with fifteen additional parts including foot pedals, 'plastic' seat, hydraulic undercarriage retraction, instrument panel



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See you next month

EDITOR'S CHOICE



MINIART 1:35 WOODEN CRATES WITH FRUIT

www.miniart-models.com www.creativemodels.co.uk

I never thought I'd see Tom Cruise's head cast in resin, but these are strange and interesting times and anything seems possible! DEF Model have created an extraordinarily life-like 1:12 miniature of Maverick's bonce that is designed to fit on the shoulders of Tamiya's 2019 1:12 Street Rider figure kit (14137) and it is superbly well done. Also in the pack is a pair of license plates for his Kawasaki GPZ900R (Top Gun 1985, kit by Aoshima) and his Kawasaki H2 Ninja from the new movie, 'Top Gun: Maverick' (kit by Tamiya). Great balls of fire!



BRITISH CRUISER TANK A34 COMET

**1/35
SCALE**



"Crusader", 11th Armoured Division, Germany, Spring 1945



Sign Up to our Newsletter
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Honed British Cruiser Tank

1/35 Military Miniature Series

British Cruiser Tank A34 Comet (Item 35380)

Britain was famed as an origin of tank development in WWI, but in WWII the tables were turned as German forces had dangerous Tigers and Panthers; in answer the British forces developed perhaps their finest cruiser tank - the Comet - by the end of the war. Now, Tamiya welcomes the Comet into the extensive 1/35 Military Miniature Series! The powerful form with a hull based upon the Cromwell and 77mm gun is authentically depicted in style based on intensive research of the actual vehicle. This kit also has realistic depictions of details such as double-layer armor on hull sides, and suspension. Choose between connected and separated rear "Normandy cowling", which let exhaust out at the rear. How interesting it will be to see a diorama with the Comet - which greatly supported infantry in live action - and other British vehicles or figures from the 1/35 Military Miniature Series!



Features realistic renderings of front hull and turret cast surfaces, and gun shield canvas cover surface.



Connected, early version "Normandy cowling" can be selected.

Accessories depicting helmets and gas mask cases are included.

"Celerity", 11th Armoured Division, Germany, Spring 1945

Two crew torso figures in winter gear and two vehicle marking options.



Separated late version "Normandy cowling"

Length: 219mm, width: 88mm.

Assembly type tracks feature one-piece straight sections and depict upper run "sag". One of the return rollers has a locator pin to ensure correct track position.

Painting the British Cruiser Tank A34 Comet

Tamiya Color Spray Paints (TS) / Tamiya Color Acrylic Mini Paints / Tamiya Color Enamel Paints (XF) / Tamiya Color Lacquer Paints (LP)

●TS-2/XF-61 Dark Green ●XF-84/LP-54 Dark Iron ●XF-85/LP-65 Rubber Black

Elite British Vehicles from the 1/35 Military Miniature Series

MILITARY MINIATURE SERIES



Cromwell Mk.IV British Cruiser Tank Mk.VIII, A27M (35221)



British Self-Propelled Anti-Tank Gun Archer (35356)



British Tank Destroyer M10 IIC Achilles (35366)

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

Check Tamiya's homepage for the latest releases! [www.tamiya.com]



**1/48
SCALE**

1/48 SCALE AIRCRAFT SERIES NO.124
WINGSPAN 222mm,
FUSELAGE LENGTH 326mm.



34th FS, 388th FW,
U.S. Air Force Air Combat Command,
Hill AFB, Utah

Here Comes the Fifth Generation Fighter!

1/48 Aircraft Series Lockheed Martin® F-35®A Lightning II® (Item 61124)

The F-35 Lightning II has been delivered since 2015, mainly for the U.S. armed forces. It possesses not only highly advanced stealth characteristics but also network connectivity, plus superior situational awareness developed from information provided by numerous integrated sensors. Now, Tamiya welcomes this cutting-edge fifth generation fighter into the legendary 1/48 Aircraft Series! The F-35A conventional take-off and landing (CTOL) aircraft is authentically recreated based upon extensive research of the actual aircraft. The distinctive form is realistically captured in style with excellent detail in areas such as weapons bays. Unitized interior components are also one of the highlights, which ensure precision assembly, and it is an ergonomic assembly process you will want to experience. Check out our new masterpiece on your own workbench!

★Features refined molded depictions of radar absorbent material (RAM) sections on the surface. ★Highly accurate renderings of the internal Y-shaped air intake ducts. ★Parts are included to build up separate open and closed canopy units, which can then be swapped in and out after assembly. ★Build with the boarding ladder retracted or extended. ★The engine nozzle features five separate pieces, for a crisp look. ★The cockpit and landing bay interiors are also captured in detail. ★Includes a part to depict the drag chute container unique to the Royal Norwegian Air Force. ★Comes with masking stickers for the canopy.



302nd Fighter Squadron, 3rd Wing,
Japan Air Self-Defense Force,
Misawa Air Base

(9 KINDS OF MARKINGS INCLUDED) ※Markings included in the kit are low observability.



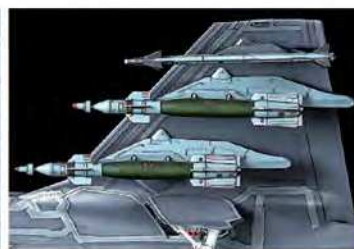
Includes a pilot figure depicted with helmet mounted display (HMD).



The nose landing gear bay has realistic inside details such as ribs and side boxes.



Fuselage weapons bay doors can be assembled open or closed; interior has various cables and lines.



The "Beast mode" - with ordnance attached to all six of the weapons stations on the belly of the aircraft - is also on offer.

LOCKHEED MARTIN® F-35®A LIGHTNING II®

Painting the Lockheed Martin® F-35®A Lightning II® (Tamiya Color Lacquer Paints (LP))

LP-14 IJN Gray (Maizuru Arsenal) LP-15 IJN Gray (Yokosuka Arsenal) LP-36 Dark Ghost Gray LP-59 NATO Brown



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