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**Model
MAGAZINE**
INTERNATIONAL

**ISSUE
338**

December 2023

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Model MAGAZINE

INTERNATIONAL

**THE LYNX
EFFECT**

Airfix's 1:48
Royal Navy Westland
Lynx HMA.8

THE LAST GREAT HYPERCAR?

Tamiya's exquisite
1:24 Gordon Murray
Automotive T.50



SCALE SCOTLAND 2023!

TMMI reports from Edinburgh's big model show

INSIDE

Tamiya 1:35 M18 diorama, Thunder Models 1:35 Morris C9/B Bofors concludes, plus new kits, books and modelling accessories...

DOOLITTLE
MEDIA



Honda CBR1000RR-R FIREBLADE SP

30th ANNIVERSARY

1/12
SCALE



Find us on facebook, search Hobbyco UK & Tamiya UK

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Eye-catching & Vivid Color Scheme

This special version of the Honda CBR1000RR-R – announced in 2022 – now joins the Tamiya 1/12 Motorcycle Series. Its eye-catching color scheme is inspired by the legendary first FIREBLADE – the CBR 900RR – which pioneered the super sports genre after its release in 1992. High-quality Cartograf decals realistically recreate its vivid coloring. Detailed depictions of the bike's cutting-edge design such as engine, suspension and sophisticated aerodynamic form are another major plus point. Engine, swing arm, front fork and muffler are screw-attached to the model frame. Check out this attractive anniversary model kit with your own eyes!

1/12 Motorcycle Series

Honda CBR1000RR-R FIREBLADE SP

30th ANNIVERSARY (Item 14141)



Features a detailed depiction of the 999cc water-cooled inline-4 engine.

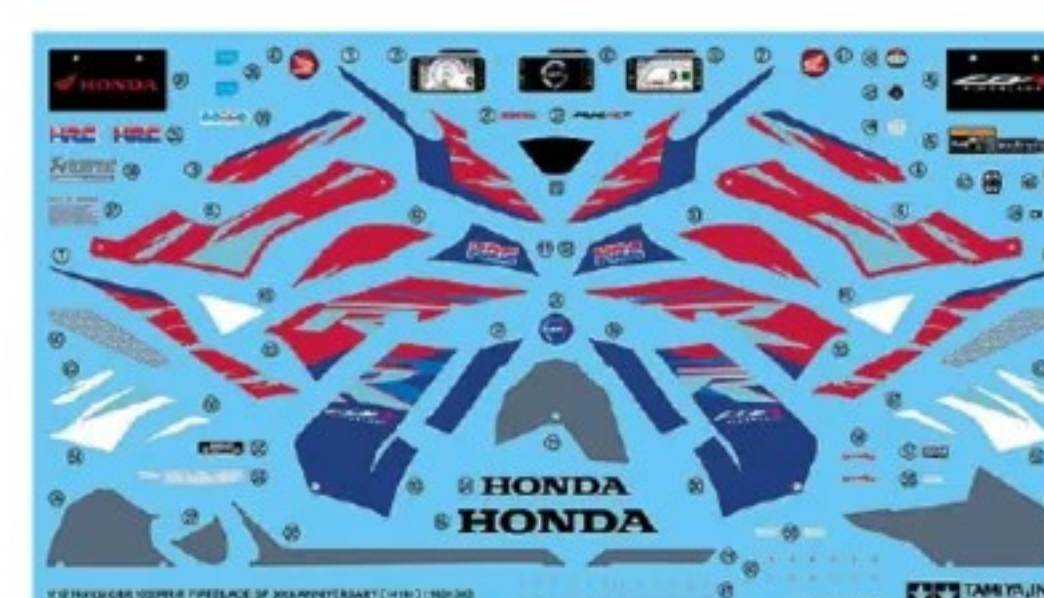
Length: 176mm, width: 68mm, height: 96mm.

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

A racing stand is included.



Decals are included to recreate the 30th anniversary logos for screen, tank and Akrapovic muffler.



Comes with high-quality Cartograf decals.



Color reference pictures and background story are also provided.

★The aerodynamically honed form is captured in style, including renderings of the internal winglets in the side cowls. ★Side and under cowls can be removed. ★Metal transfers are used to depict mirror surfaces. ★Choose whether to assemble with the tandem seat or the single seat. ★Tires have realistic texture and tread patterns.

Tamiya also has a static model kit which recreates the original bike announced in 2019, with its own color scheme.

1/12 Motorcycle Series

Honda CBR1000RR-R FIREBLADE SP (Item 14138)



Detail-Up Parts Series

1/12 Scale Honda CBR1000RR-R Front Fork Set (Item 12690)

This set includes aluminum fork outer tubes and reservoirs, yellow coil spring, plastic fork bottoms and others.



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 - 1:10 RC Fiat Abarth 1000 TCR Berlina Corse Blue-Gray Painted Body (MB-01)
 - 1:10 RC 2003 Ford Focus RS Custom White Painted Body (TT-02)
 - 1:10 RC Egress (2013)
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- hobbyco.net tamiya.com

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- en.scientificmodels.shop

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- das-werk-models.com

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 - 1:48 Ju87 Stuka
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- foxhoppmodels.co.uk

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- 1:35 US Military 8' Storage Container (Vietnam War)
 - 1:35 Bedford 15CWT 4x2 200 Gallon Water Bowser
 - 1:35 British WWII Tractor, 4x4 Field Artillery (C8 Mk.II Late)
- gecko-models.com

ICM

- 1:35 WWII German Staff Car Typ 320 (W142) Soft Top
 - 1:35 AHN 'Gulaschkanone' WWII German mobile field kitchen
 - 1:48 Martin B-26 Marauder
- icm.com.ua hannants.co.uk

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- 'Dune' Spice Harvester
 - 'Dune' Harkonnen Ornithopter
 - 'Dune' Atreides Ornithopter
- creativemodels.co.uk

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- 1:35 Butchers
 - 1:35 Tool Set
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- 1:72 Fordson WOT2E British WWII 15-CWT truck
- hannants.co.uk

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 - 1:72 Gift Set James Bond Eurocopter Tiger 'GoldenEye'
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- revell.de

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 - 1:48 King Tiger w/full interior Krupp curved-front first production turret
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 - 1:35 AH-64D Apache Longbow Block II Late
 - 1:35 AH-64D Apache Longbow JGSDF
 - 1:35 Kamaz Typhoon-K w/RP-377VM1 & Arbalet-DM RCWS module
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 - 1:35 StuG.III Ausf.F late production w/7.5cm L48
 - 1:35 StuH42 10.5cm Ausf.E/F
- bachmann.co.uk

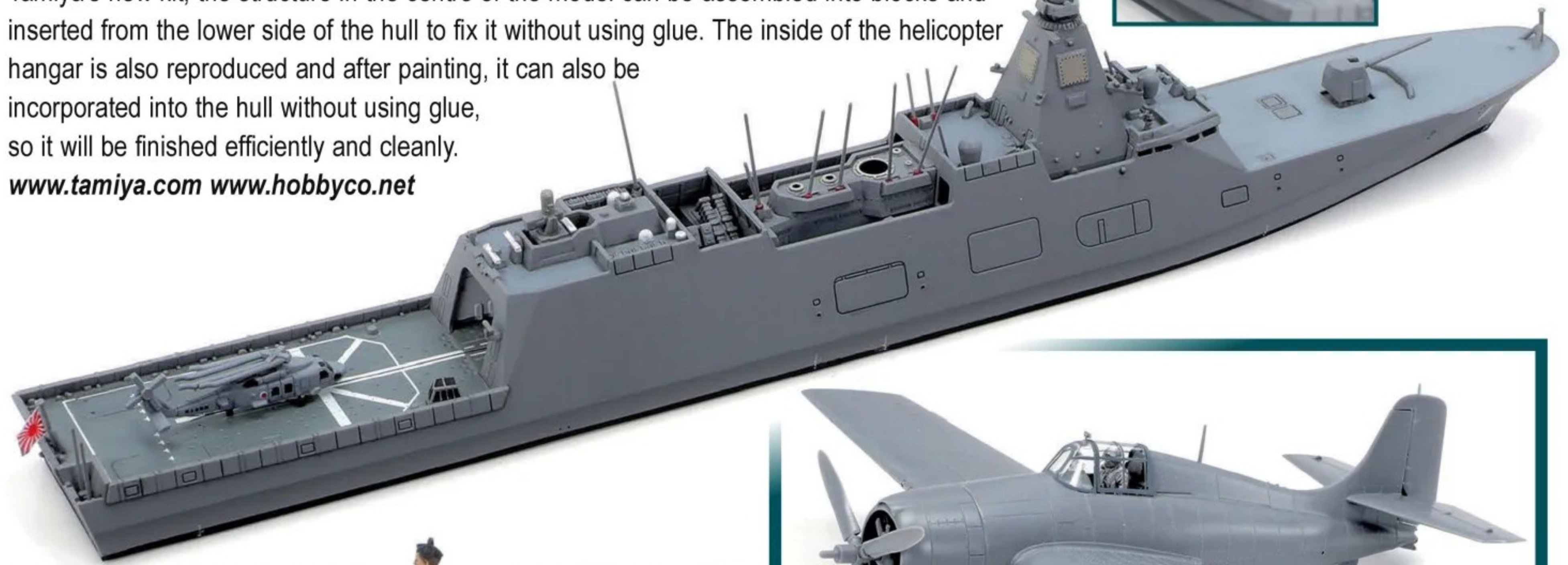
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- 1:72 German Leopard 2A6 MBT
 - 1:72 German Faun SLT-56 tank transporter
 - 1:72 US M1135 Stryker NBCRV
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 - 1:35 Russian 96K6 Pantsir-S1 mobile air defence system (wheeled)
 - 1:35 Russian 96K6 Pantsir-S1 mobile air defence system (tracked)
 - 1:35 Soviet Object 477 XM2 next generation tank
 - 1:35 Soviet main battle tank T-72M
 - 1:16 German Sd.Kfz.251 Ausf D halftrack
- bachmann.co.uk

COMING SOON FROM TAMIYA - 1:700 FFM-1 Mogami

The FFM-1 Mogami is an escort ship of the Japan Maritime Self-Defence Force and in Tamiya's new kit, the structure in the centre of the model can be assembled into blocks and inserted from the lower side of the hull to fix it without using glue. The inside of the helicopter hangar is also reproduced and after painting, it can also be incorporated into the hull without using glue, so it will be finished efficiently and cleanly.

www.tamiya.com www.hobbyco.net



NEW FROM TAMIYA

1:35 Pz.IV ausf. F 'North African Front'

This cool new combination set comes with superb crew figures as well as a WW2 German motorcycle, perfect for a desert diorama!

www.tamiya.com www.hobbyco.net



NEW FROM TAMIYA

1:35 Livestock Set II

Tamiya's all-new Livestock set can be used in conjunction with a whole range of Tamiya vehicles, figures and diorama accessories. We're not sure if a golden retriever classifies as 'livestock' though!

www.tamiya.com www.hobbyco.net



NEW FROM FOXHOPP MODELS

1:35 Zil-2906 All-Terrain Vehicle

TMMI met up with this new manufacturer on our trip to Edinburgh (show report this issue) and this 3D-print kit of the bizarre but fascinating Russian Zil ATV caught our eye - a very original subject choice!

www.foxhoppmodels.co.uk

COMING SOON FROM TAMIYA 1:48 Grumman FM-1 Wildcat/Martlet

Tamiya's classic 1:48 Wildcat has been modified to form the FM-1 Wildcat/Martlet machine. The wings' top surface reproduces the deletion of the outer machine gun's inspection port and on the underside, the corresponding shell case port has been removed.

www.tamiya.com www.hobbyco.net



COMING SOON FROM TAMIYA 1:48 WW2 British 2-Ton 4x2 Ambulance

It's under construction for an article next issue, but in the meantime here are Tamiya's factory photos of this superb little kit.

www.tamiya.com www.hobbyco.net

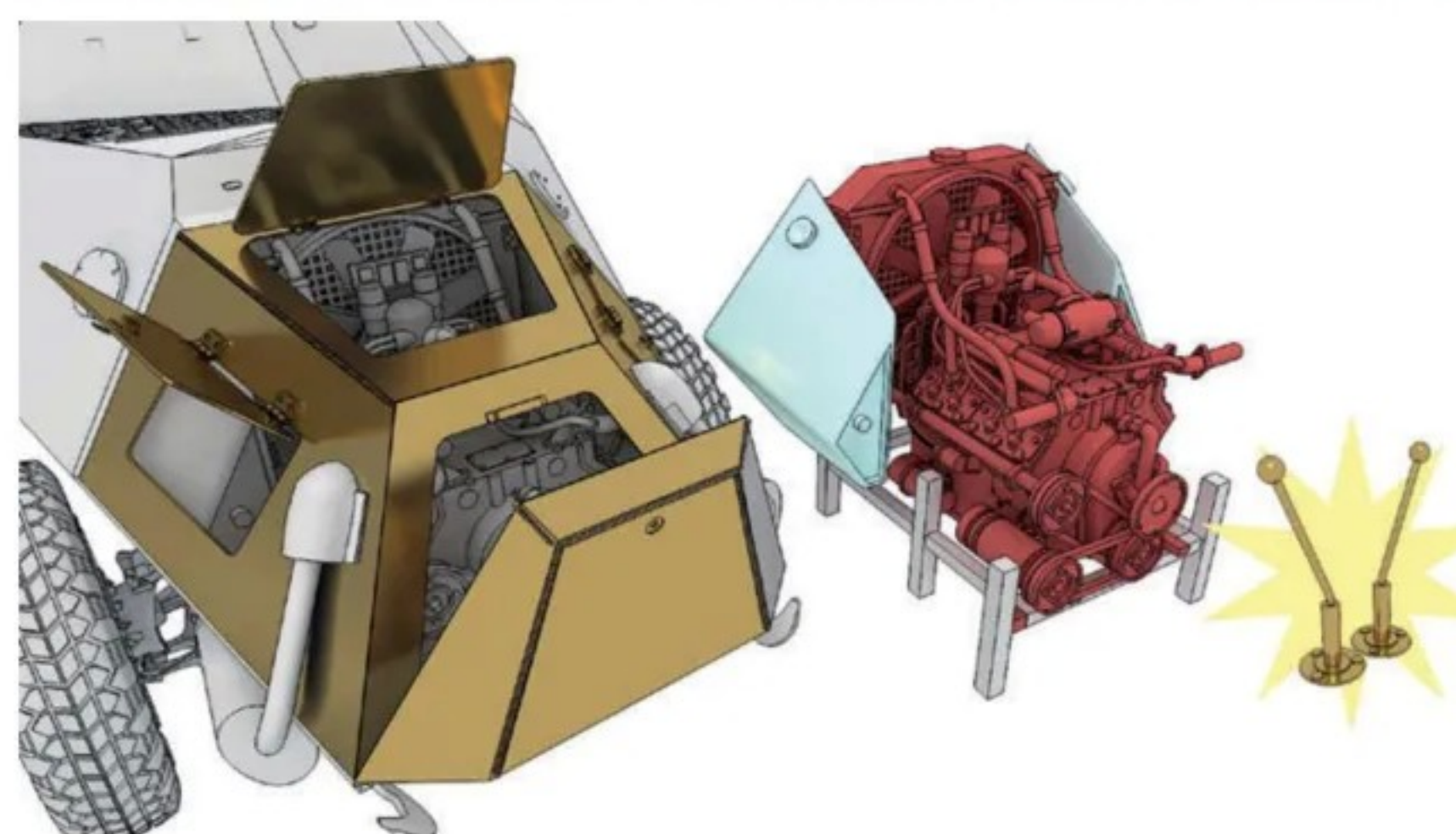




FRIULMODEL: COMING BACK SOON!

Recently we learnt that the individual-link AFV track producer Friulmodel was to cease production, but the great news is that the company is now in safe hands and will continue to make their excellent AFV track sets for us all to enjoy!

www.friulmodel.hu



LANMO MODEL

1:35 Sd.Kfz.222/223 engine

Lanmo Model have come up with a very effective way of providing an engine for Tamiya's '222 WW2 German armoured car, providing a whole new rear end in PE brass, plus the engine of course.

Facebook: search Lanmo Model, homepage tbc



COMING SOON FROM REVELL

1:48 Northrop F-89 Scorpion 75th Anniversary

The F-89 Scorpion is a stunning machine and deserves to be seen more frequently in scale model form, which is handy, because Revell have recently released a 75th anniversary Gift Set for their still-excellent 1991 kit.

www.revell.de



JUST ARRIVED FROM MINIART

1:35 WW2 Allied machinery

Newly arrived at TMMI Towers is a pair of superb new pieces of 1:35 Allied hardware in the form of the handsome US Army G7105 panel van and G527 'Water Buffalo' 250gal trailer, both from WW2. More details soon.

www.creativemodels.co.uk



NEW FROM GECKO MODELS

1:35 US PACV Patrol Air Cushion Vehicle

Gecko Models have announced the release of an all-new 1:35 kit of the US Navy 'PACV' Patrol Air Cushion Vehicle (Late Production), a British-designed, US Navy-operated machine which saw limited use in the Vietnam War. More news on this kit soon in TMMI!

www.gecko-models.com



JUST ARRIVED FROM ARMA HOBBY

1:48 Hawker Hurricane Mk.IIc Trop

This stunning new kit from Arma Hobby of Poland arrived at TMMI recently and it one of the most beautifully detailed kits we have ever seen. Much more news soon.

www.armahobby.com



NEW FROM EDUARD

1:48 Bf109K Kurfürst

Eduard's new Bf109K 'Kurfürst' is a stunning new release that brings with it a host of superdetail parts. More details soon.

www.creativemodels.co.uk

www.eduard.com



JUST ARRIVED FROM TAKOM

1:35 M29 Weasel

Takom very kindly sent TMMI their new US WW2 M29 Weasel amphibious vehicle and from an in-box inspection, it's a highly detailed, if complex kit. More details soon.

www.bachmann.co.uk



NEW FROM AIRFIX

1:48 Fairey Gannet

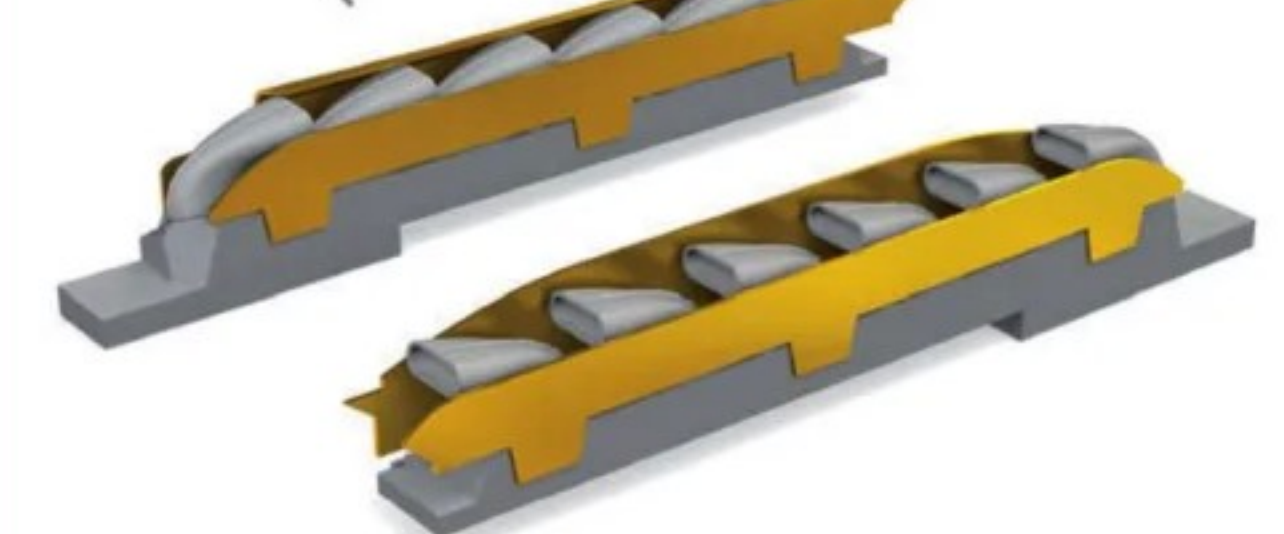
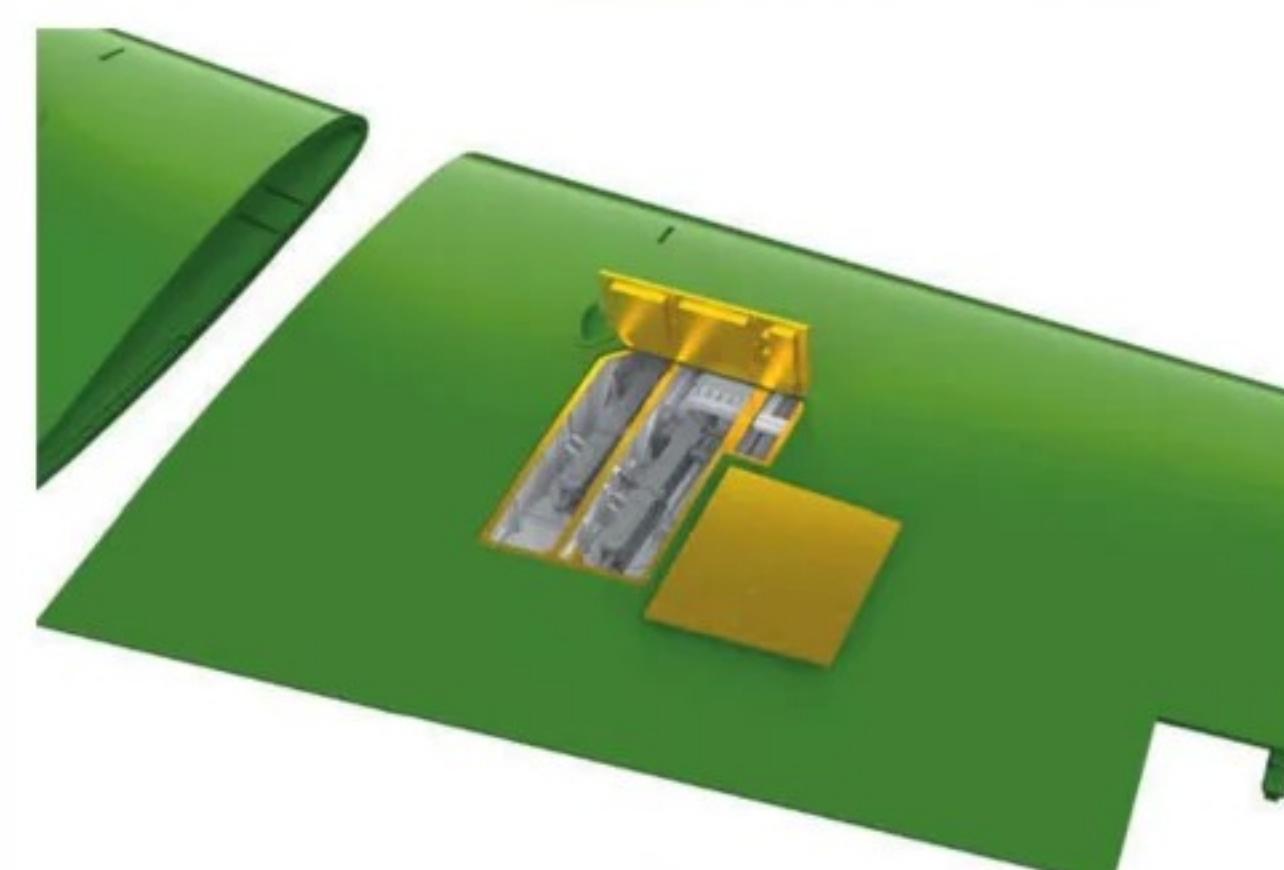
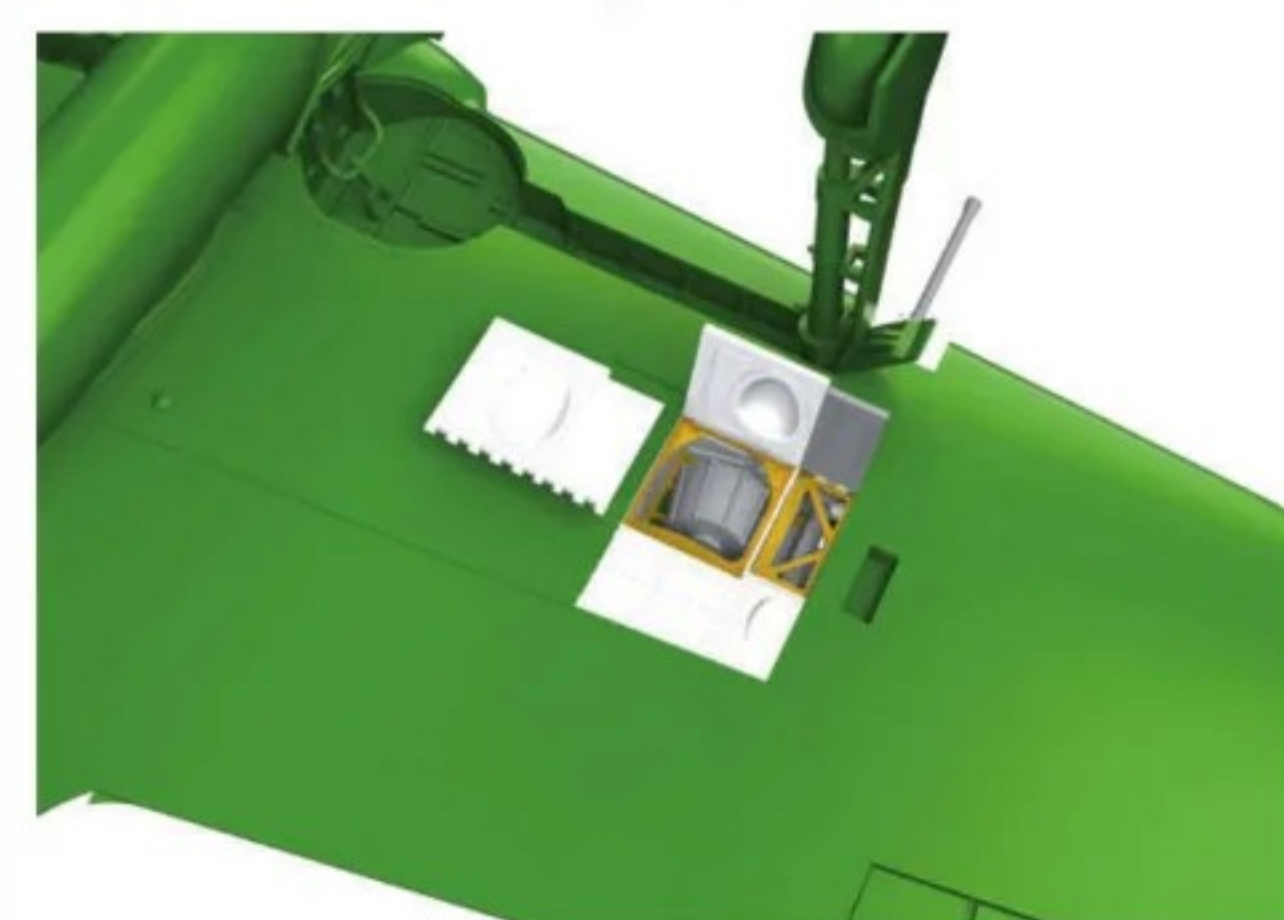
Airfix's new-tool 1:48 Fairey Gannet AS.1/AS.4 is nearly with us and while it has a face only a mother could love, it sure will be an impressive model kit!

www.airfix.com

COMING SOON FROM EDUARD

- 1:48 AGM3 gun bays long barrel
- 1:48 FM-2 Cockpit w/armoured headrest Brassin PRINT
- 1:48 FM-2 gun bays Brassin PRINT
- 1:48 Bf109F cockpit Brassin PRINT
- 1:48 Bf109K-4 LööK
- 1:48 Bf109K-4 propeller Brassin PRINT
- 1:48 Bf109K-4 exhaust stacks Brassin PRINT

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



KIT PREVIEW

TAMIYA 1:48 LOCKHEED MARTIN F-35B LIGHTNING II ● KIT NO.61125



VERTICAL LI

Tamiya released the 1:48 kit of the F-35A Lightning II last year to huge acclaim from the scale model community, with the aircraft's weapon's bay being a major highlight of the model, along with the best treatment of the airframe.

Now, we have the F-35B version of this remarkable fighter, with all the VSTOL (vertical/short take-off and landing) equipment represented in full. As you would rightly expect, Tamiya's designers have studied the 'B' variant in forensic detail to make sure everything has been depicted accurately, right down to fully extended and unweighted undercarriage legs for the in-flight mode. A V-shaped stand is included for a 'hovering' Lightning II and it will surely be the most dynamic way of presenting the model in all its open-hatched glory.

A LITTLE LIGHTNING LESSON

The F-35 Lightning is a multi-role fighter that was developed based on a plan to consolidate various tactical aircraft operated by the US Air Force, Navy and Marine Corps into one type of aircraft and its derivatives and began deployment in 2011. Among the three types of F-35 developed, the F-35B for the Marine Corps is capable of short takeoff/vertical landing (STOVL/VSTOL) with a rotating engine-duct nozzle and lift fan. In addition, it features a weapons bay that allows ordnance to be stored within the fuselage, behind radar wave absorption

technology and combines high-speed performance with a maximum speed of Mach 1.6 with excellent stealth properties. Following the US, UK, and Italy, Japan's Air Self-Defence Force also decided to introduce the F-35B in August 2019. As the world's first supersonic VSTOL aircraft, it is expected to demonstrate high responsiveness (www.tamiya.com) ●

Editor's note...

To my patient readers, I will finish my build of the Tamiya F-35A soon, promise!

Availability;

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

A superb miniature of the Lightning II's pilot is provided, essential if you plan to show your model in 'flight' mode of course!



KIT FEATURES:

- The modeller can choose one of three configurations to assemble: parked, short-distance takeoff, or vertical landing
- All hatches can be posed open or closed and three different modes can be reproduced exactly as in the actual machine
- The weapon bay is shorter in overall length than the F-35A and is a newly developed part, exclusively for the F-35B
- Seven markings-options are provided for three countries, including aircraft assigned to the US Marine Corps plus masks for clear parts such as the canopy
- The cockpit precisely reproduces the differences between the F-35A and F-35B, right down to the smallest details
- A pilot figure equipped with a Gen III HMD (helmet mount display) is included
- The rotating engine duct/nozzle can be assembled by selecting one from three types of angles: 0° (parked state), 30° (short takeoff state), and 84° (vertical landing state).
- The leading edge flaps, trailing edge flaperon and taileron can be assembled in the raised or lowered positions



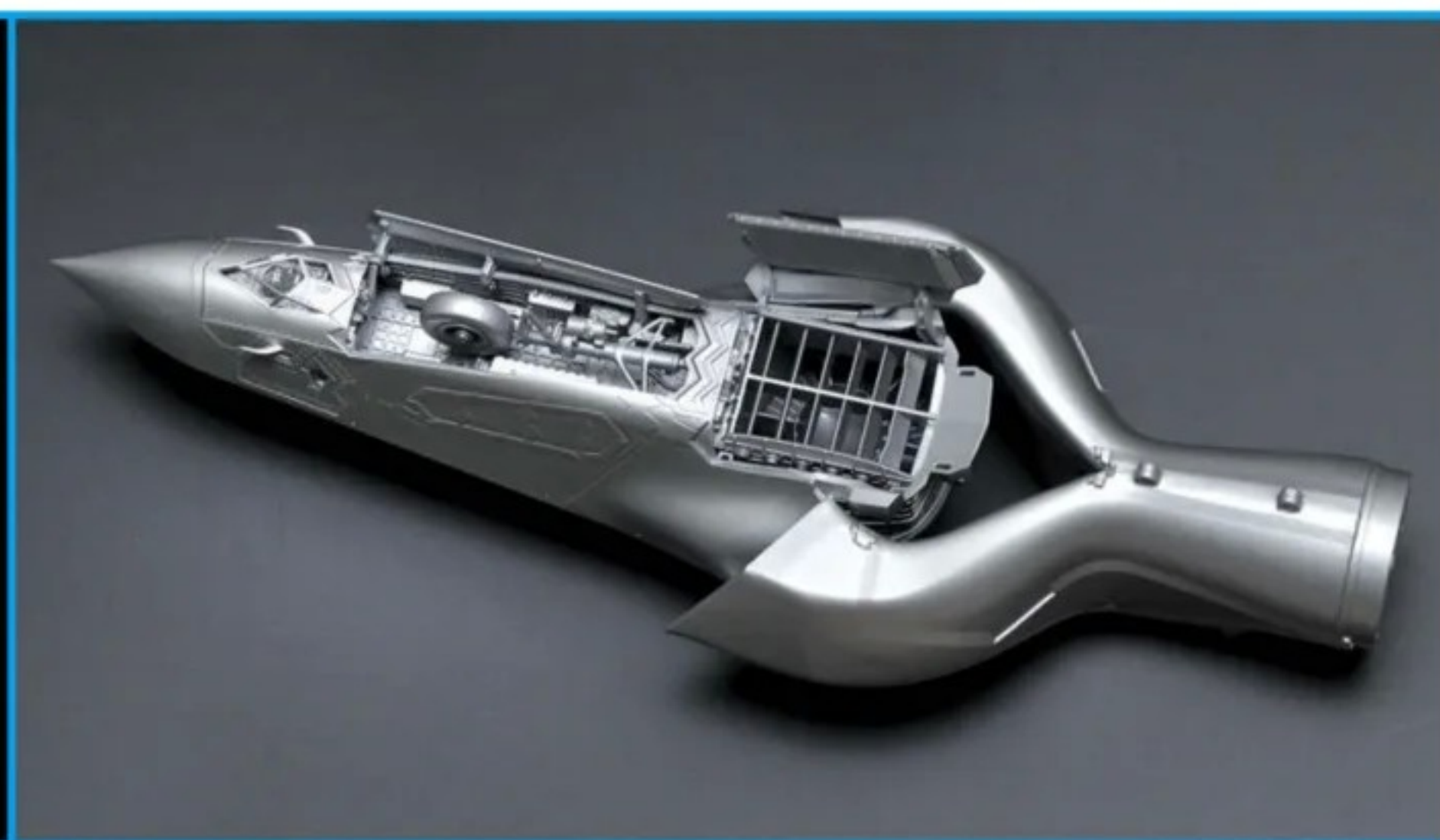


GHITNING

model aircraft community, its exquisite, one-piece moulding of the
's radar-absorbent material yet seen on a miniature of this subject...



Overview of the fuselage interior showing the huge VSTOL fan behind the cockpit



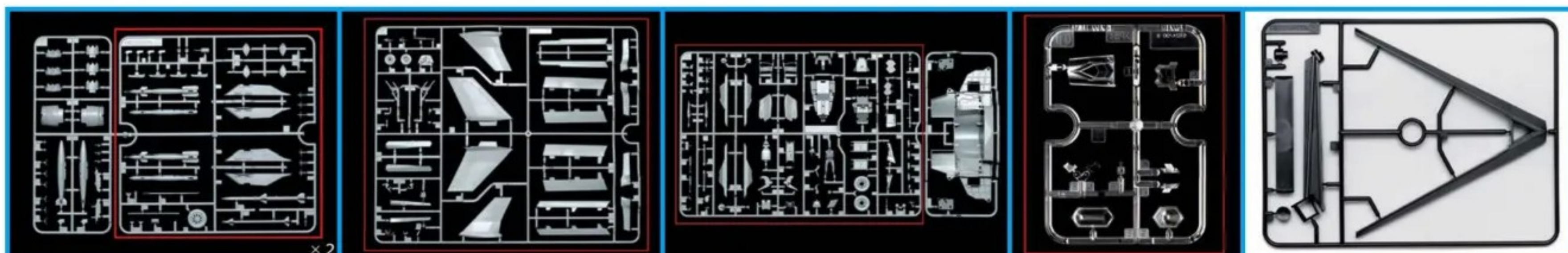
Tamiya's forward fuselage and intake ducting parts fit together seamlessly



Tamiya went to great lengths to reproduce the F-35B's complex engine nozzle accurately



Fully extended and unweighted undercarriage legs are provided for the 'in-flight' mode



As you'd imagine, a fair number of parts from the F-35A kit feature in this second release, and here we can see which sprues were reused, highlighted in red



HEADING TO EDINBURGH!



TMMI's Editor
Marcus Nicholls
attends the Scale
Scotland 2023 show,
held in Edinburgh, the
country's capital city

Back in September this year, I was invited up to beautiful Scotland to attend 'Scale Scotland 2023', an excellent model show that takes place each year in the vast 'Scottish Gas Murrayfield Stadium', home to Scottish rugby in the nation's capital, Edinburgh. It's a one-day event but in my opinion it's becoming popular enough to possibly justify extending to two days, so everyone has a chance to see the wonderful models on display, to watch the modelling demos, chat with friends and buy kits and accessories from the excellent array of vendors present.

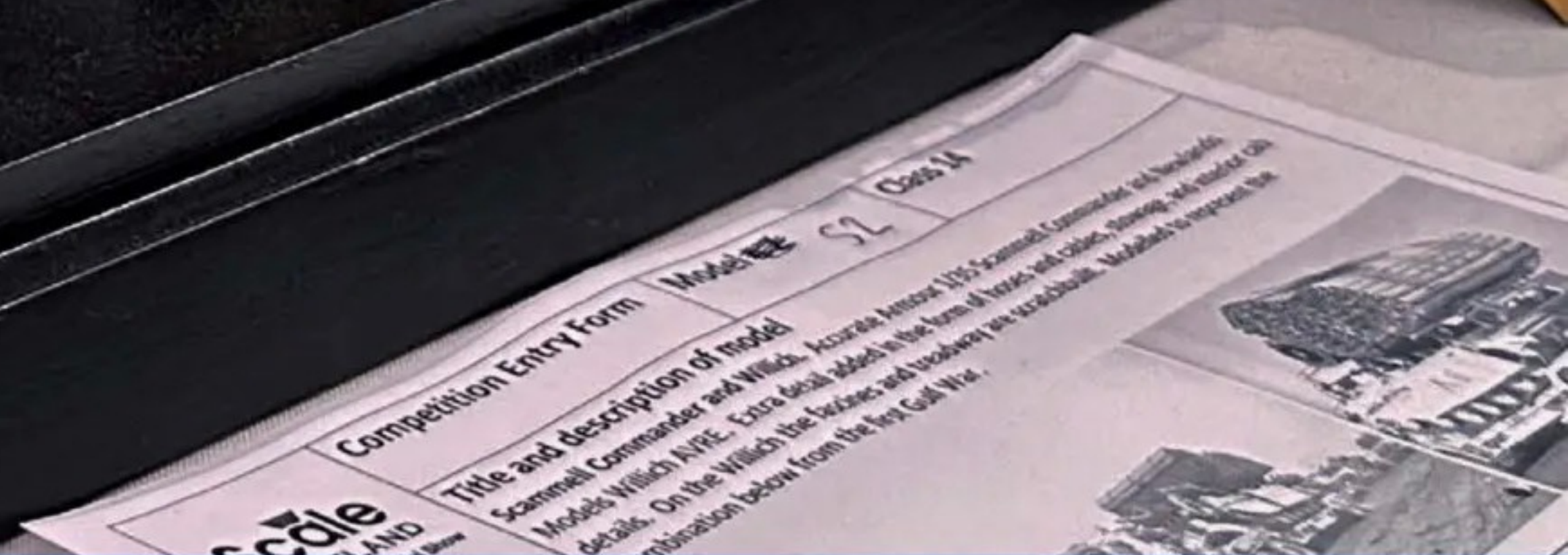
From a personal perspective, it was a great chance for me to catch up with friends not just from Scotland, but also the north of England for whom access to the show is a couple of hours' drive, rather than a fifty-five minute EasyJet flight! Edinburgh's city centre is extremely easy to navigate with an excellent tram service that runs from the airport right into the iconic Princes Street, via my hotel. Handy!

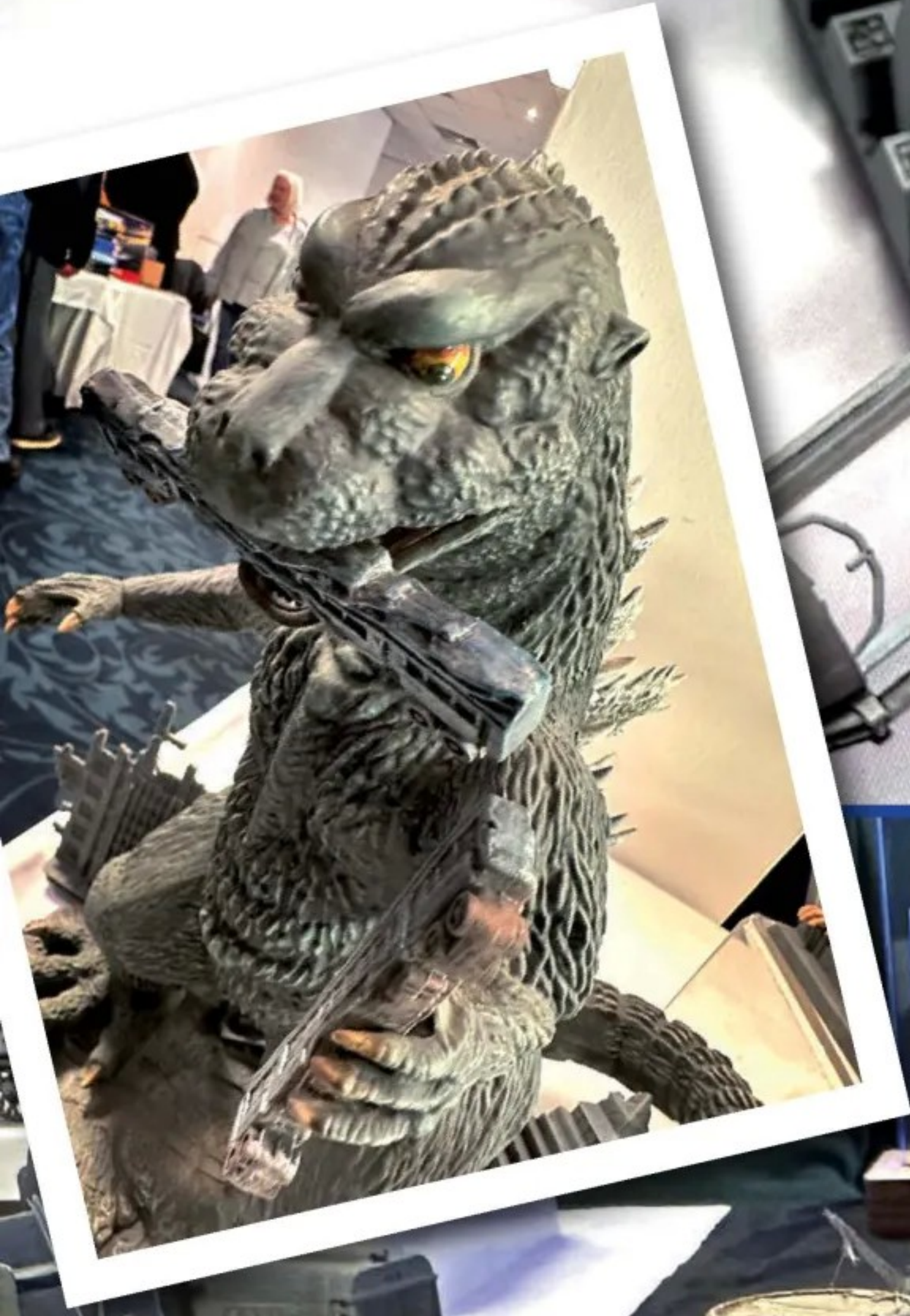
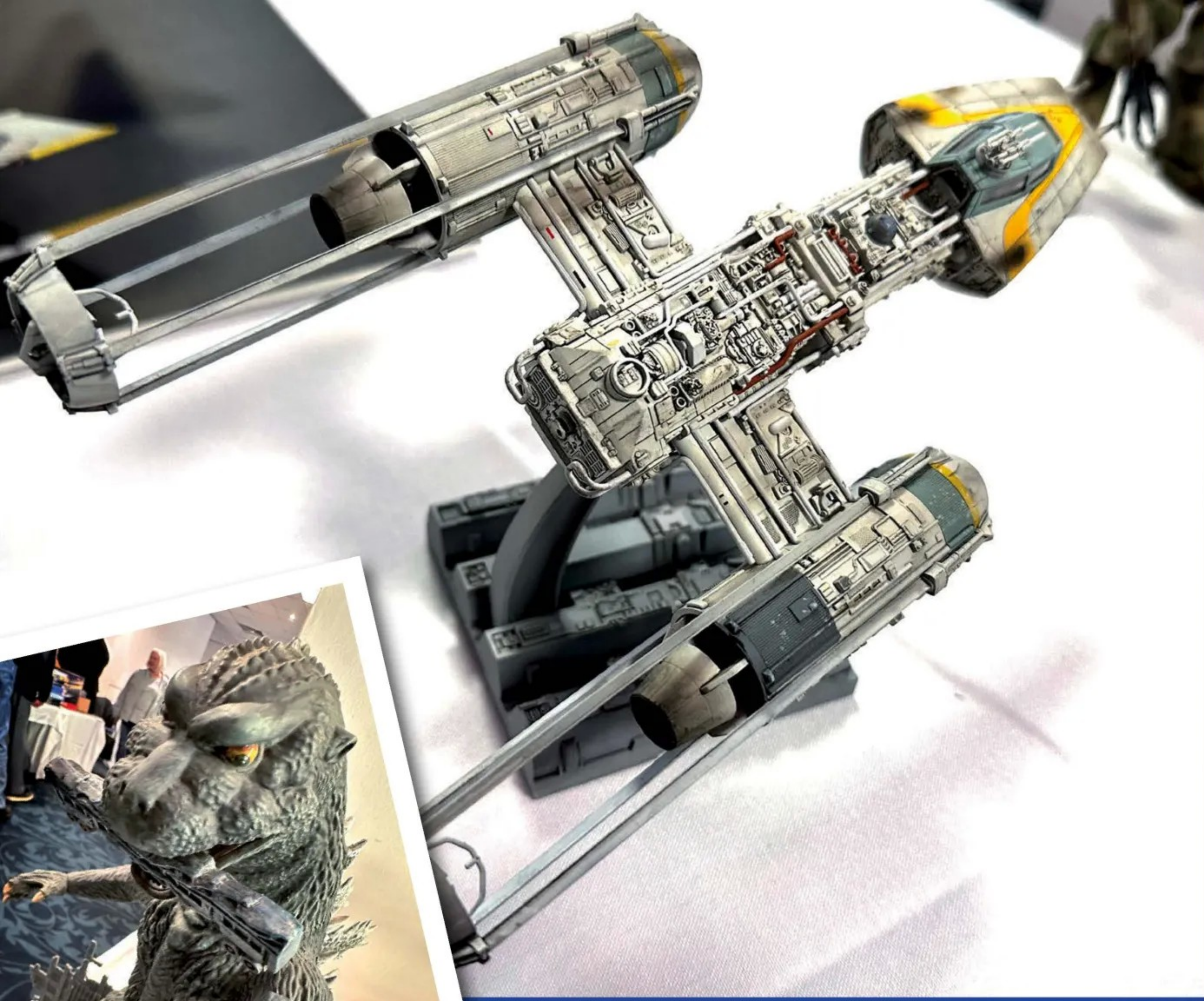
I would like to say a massive 'thank you' to Andy Canning for the generous invitation, along with Murray Wellwood and all the other guys at Scale Scotland for the warm welcome and for making me an honorary Scot! Here are some photos of the models on club tables and from the competition room, I hope you can see the high standard of modelling on show. See you there next year!

Shouts must go out to; Lester Plaskitt, Phil Stutcinkas, Gary Matthews, Alex Clark, Chris Meddings, David Parker, Mark Neville, Flip Hendrickx, Brian Murdoch, Pale Wade, Euan Angus and everyone else I met and chatted with. Thanks folks! ●

Contacts:

www.scalescotland.co.uk





eduard

LIMITED

DUAL COMBO



1:72

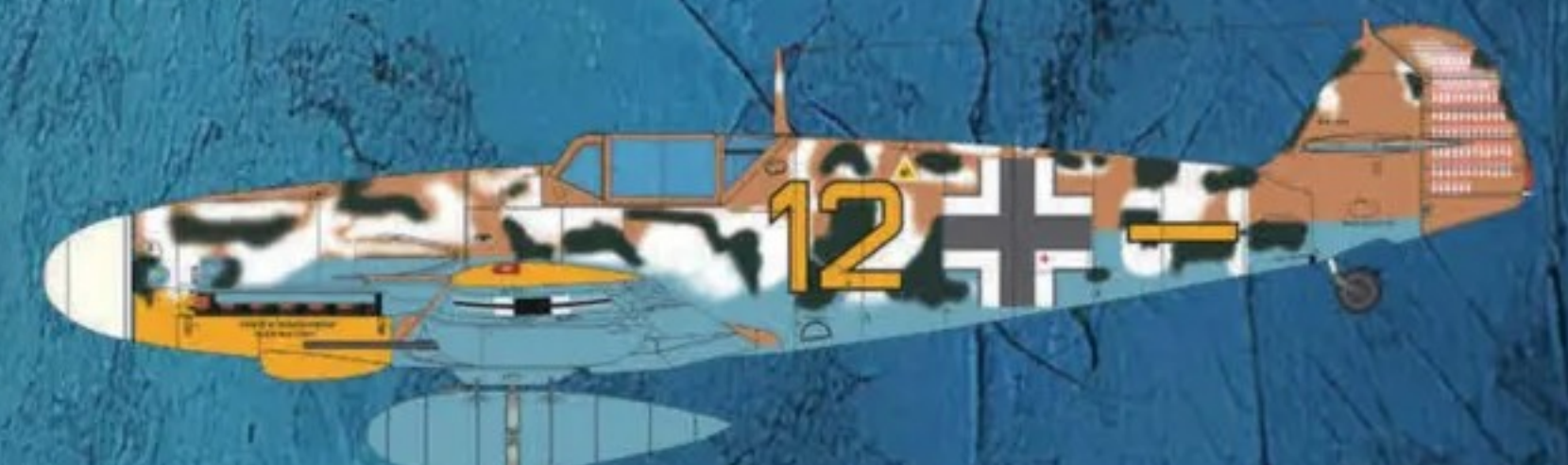
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WUNDERSCHÖNE NEUE MASCHINEN

- Pt. 2 -

The famous WWII fighter Bf 109G-2 and G-4 in the service with German, Finnish, Italian, Slovak and Romanian units all during WW2.

- * **Premiere of the Eduard new tool kit**
- * **Pre-painted photo etched parts for the finest detail**
- * **Die cut masks for easy painting**
- * **Decals for 14 marking options**
- * **First 1/72 release of Bf 109G-2/G-4 produced from metal injection moulds since late 70's**



Bf 109G-2/R6, Oblt. Heinrich Ehrler, CO of 6./JG 5, Petsamo, Finland, March 1943



Bf 109G-2/Trop, Oblt. Werner Schroer, CO of 8./JG 27, Rhodes, Greece, November 1942



Bf 109G-2, WNr. 10423, Obfw. Kurt Stöber, 7./JG 54, Izocha, the Soviet Union, January 1943



Bf 109G-4/R6, Obfw. Rainer Pöttgen, 3./JG 27, Fels am Wagram, Austria, October 1943



Bf 109G-4/Trop, WNr. 10795, Oblt. Wolfgang Tonne, CO of 3./JG 53, Bizerta, Tunisia, February 1943



Bf 109G-4, Lt. Av. Petre Protopopescu, Escadrila 57, Grupul 7, Vânătoare, Kirovograd, the Soviet Union, June 1943



Bf 109G-2, WNr. 13670, Hptm. Hermann Graf, CO of 9./JG 52, Tusow, the Soviet Union, September 1942



Bf 109G-2/R6, WNr. 13633, Hptm. Wolf-Dieter Huy, CO of 7./JG 77, Tanyet Harun, Egypt, October 1942



Bf 109G-4/R6, WNr. 14997, Lt. Erich Hartmann, 7./JG 52, Taman, the Soviet Union, May 1943



Bf 109G-4/R6/Trop, Lt. Franz Schiehs, CO of 8./JG 53, Tindja, Tunis, April 1943



Bf 109G-2, Maj. Heinz Bär, CO of 1./JG 77, Comiso, Italy, September 1942



Bf 109G-2, Intm. Eino Ilmari Juutilainen, 1/HLeLv 34, Suulajärvi, Finland, April 1944

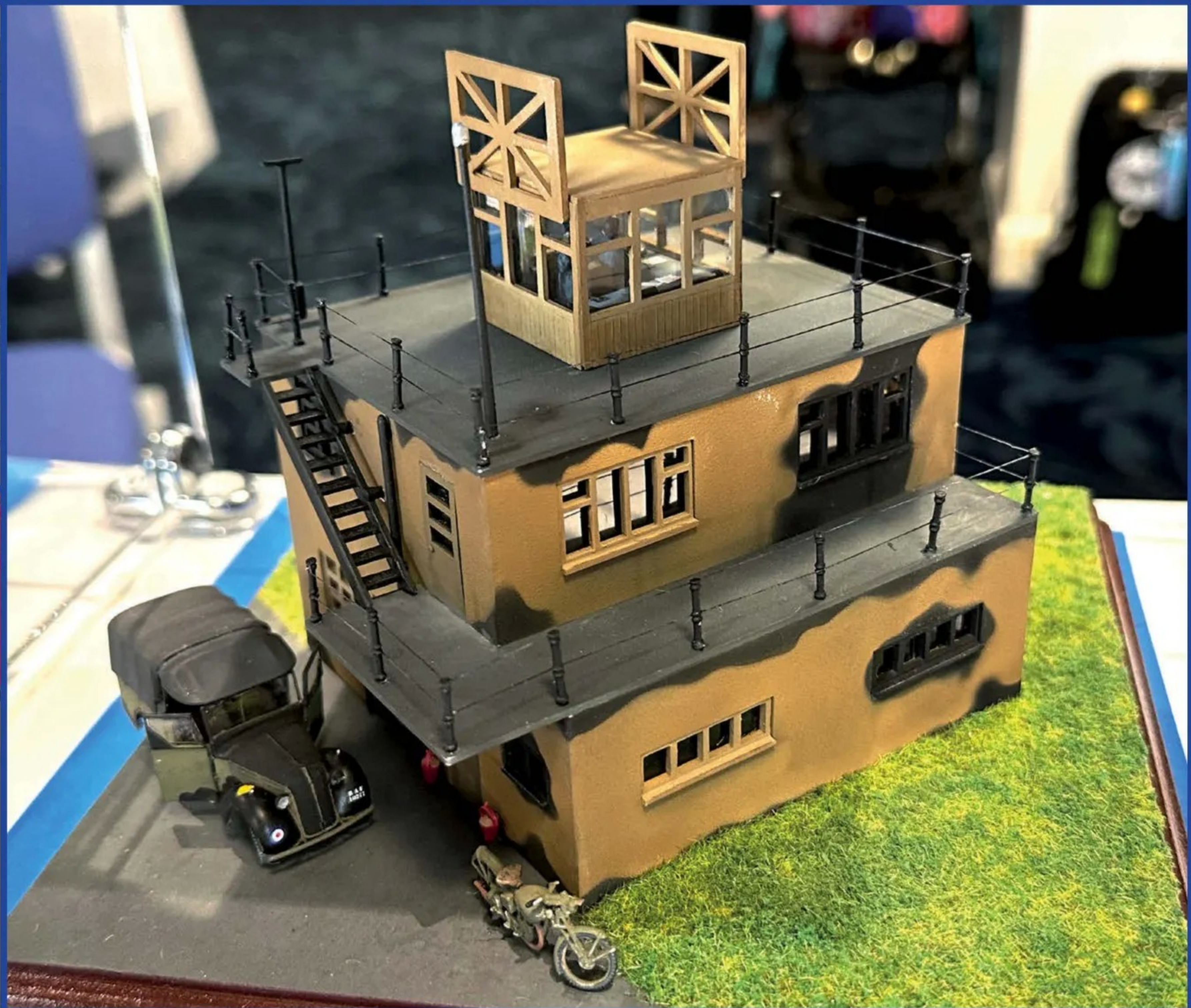


Bf 109G-4, WNr. 19347, Rtk. Ján Režňák, 13.(slowakische)/JG 52, Anapa, the Soviet Union, April-May 1943



Bf 109G-4/R6, WNr. 19566, Lt. Giuseppe Gianelli, CO of 365a Squadriglia, 150o Gruppo Autonomo, Sciacca, Sicily, May-July 1943

www.eduard.com





www.revell.de/en

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007™ **MOONRAKER**
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007™ **GOLDENEYE**
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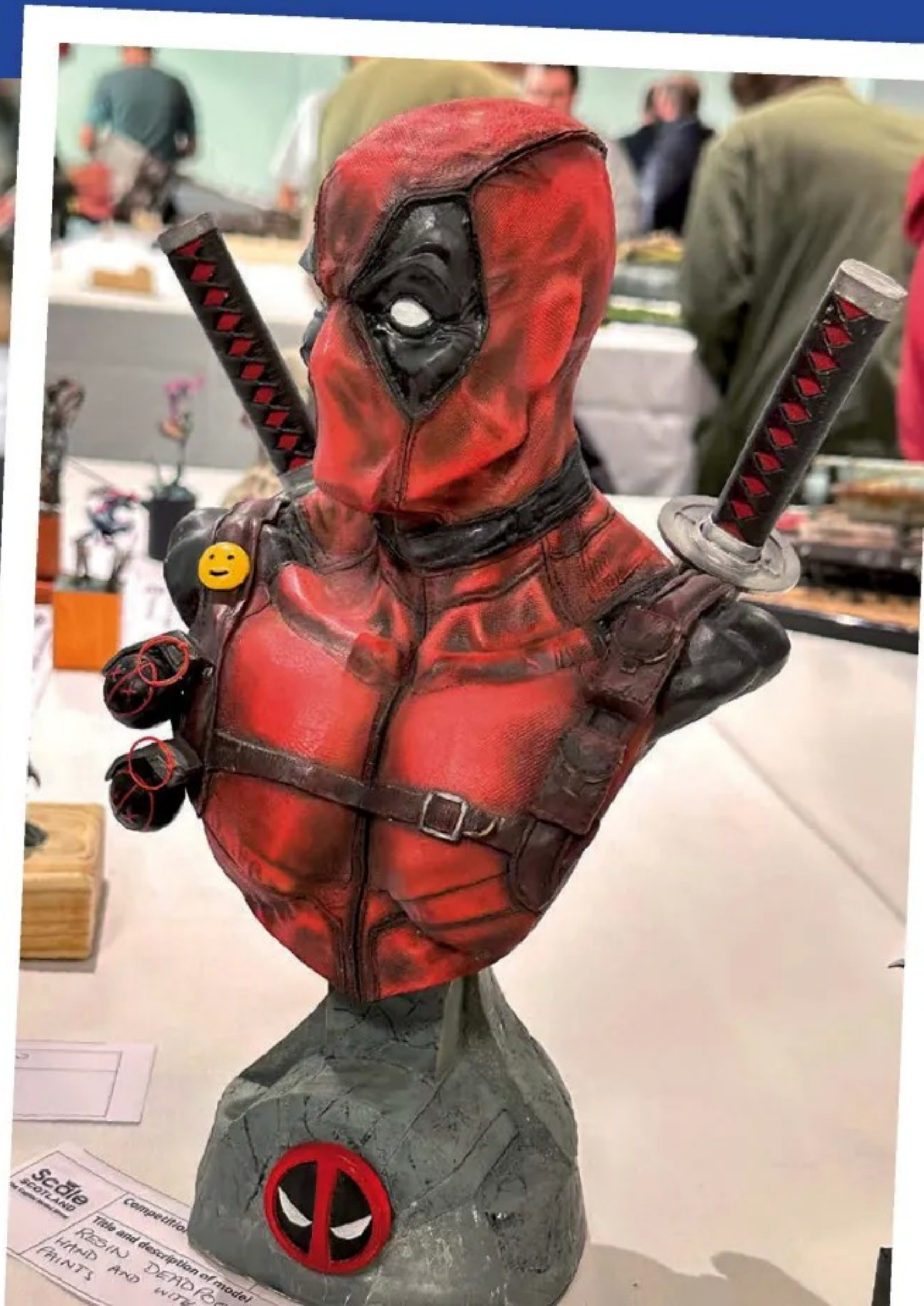


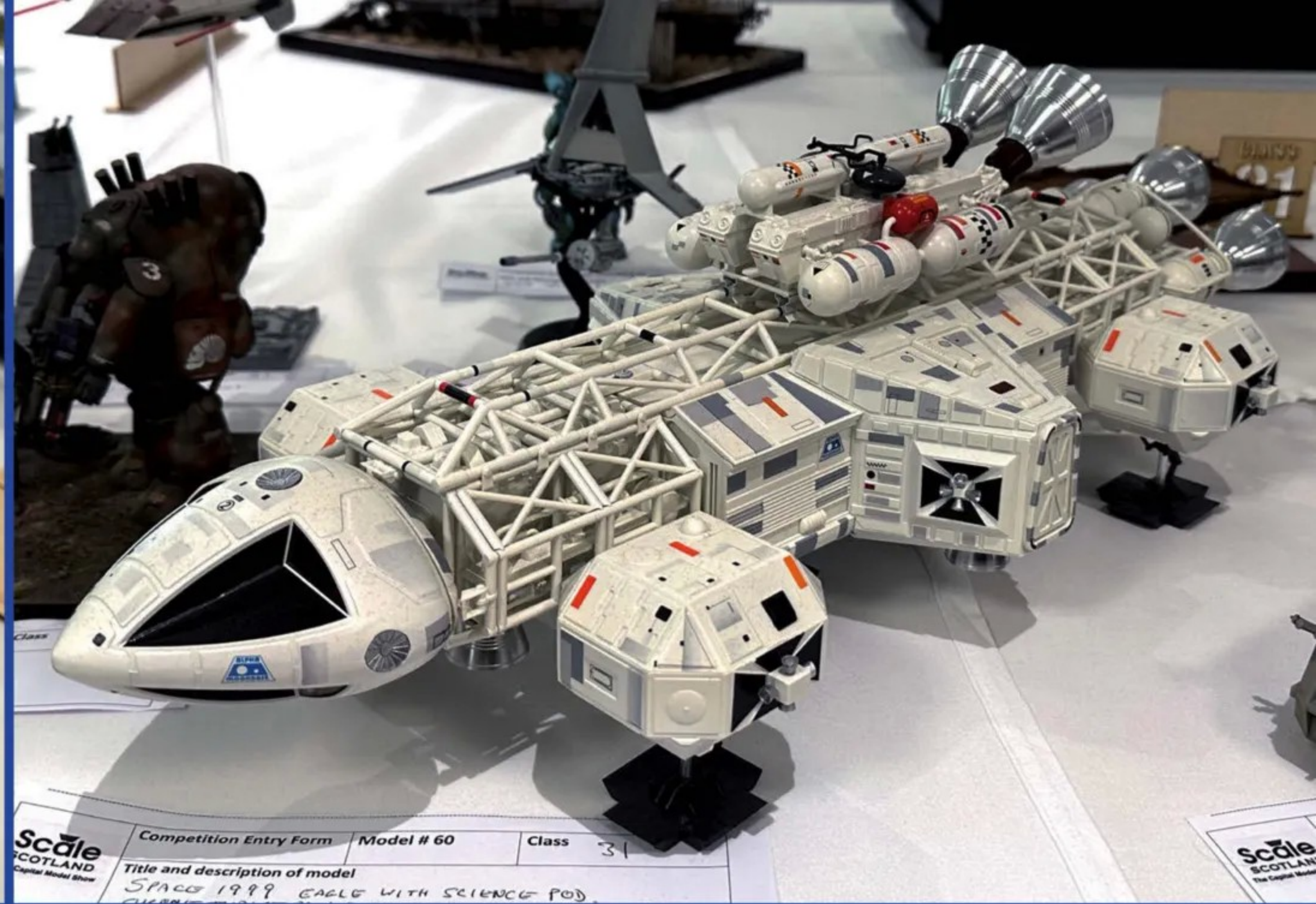
007™ **The World Is Not Enough**
05662





“I would like to say a massive ‘thank you’ to Andy Canning for the generous invitation...”





Lester Plaskitt

One of the most skilled and accomplished military modellers in the world, Lester gave engrossing demos on how he achieves such incredible weathering effects on his models. On the small rectangle of card below, Lester showed how he creates dust and mud on an AFV and he even signed it for us!

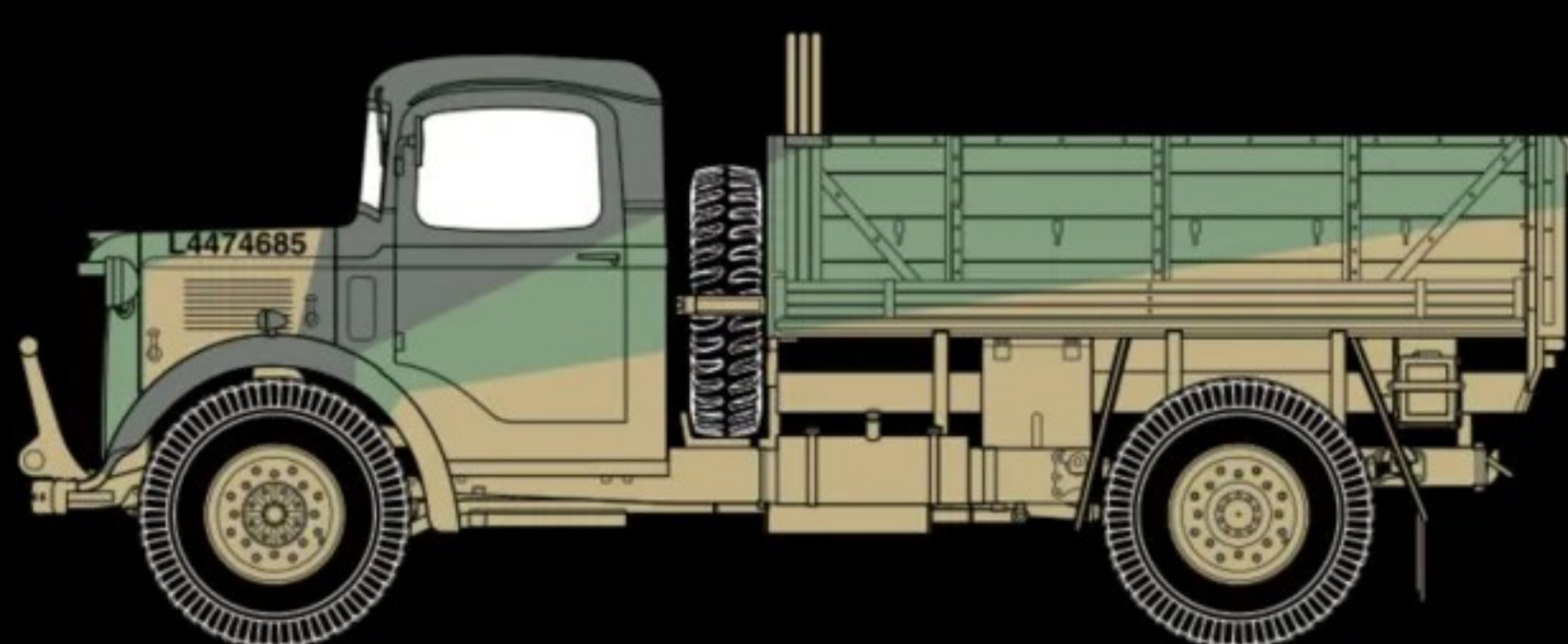




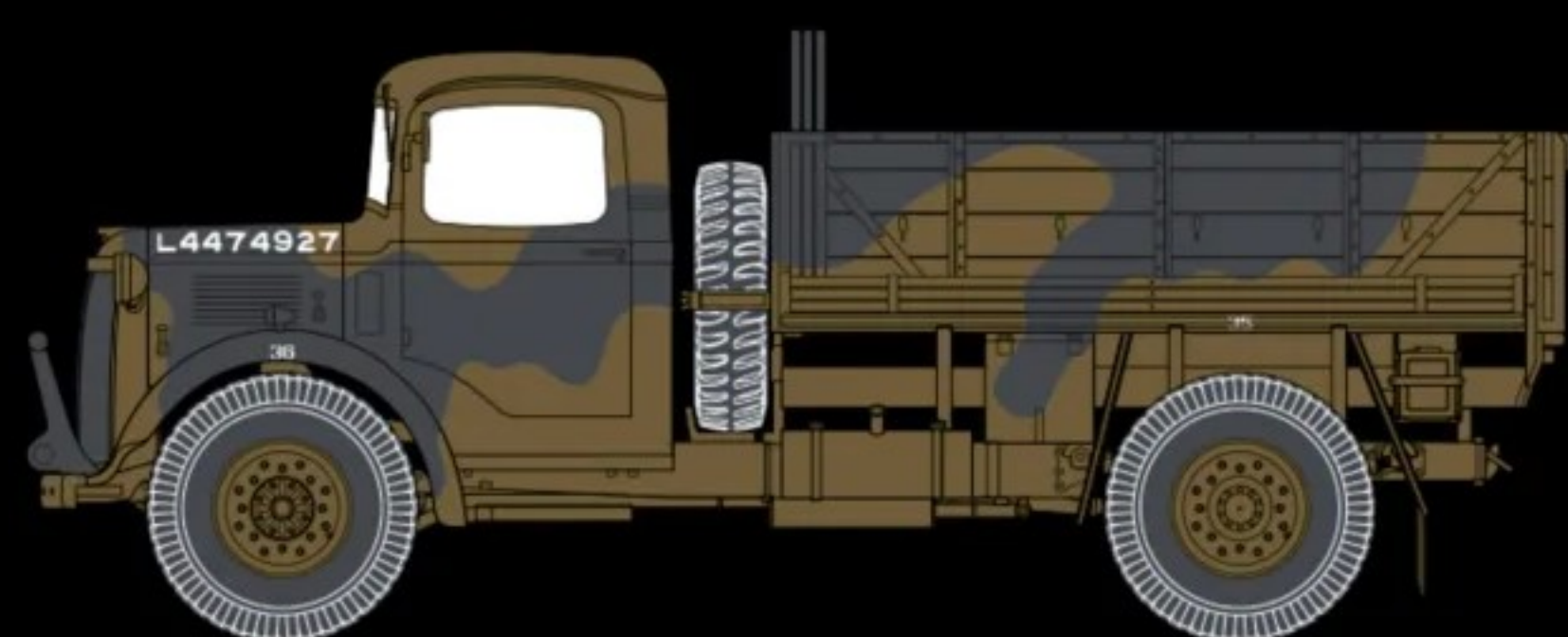
NEW
MOULD

1:35

WWII British Army 30-CWT 4 x 2 G.S. Truck A1380



BRITISH ARMY 30-CWT 4 X 2 G.S. TRUCK
419th Company, Royal Army Service Corps (Divisional Supply Company),
70th Infantry Division, Tobruk, Western Desert, August 1941.



BRITISH ARMY 30-CWT 4 X 2 G.S. TRUCK
Evaluation unit, Russia, 1944.

Length 156mm Width 66mm Pieces 133

As Britain prepared for war in the late 1930s, the military was not just desperately in need of vast numbers of aircraft, tanks, and guns, they also needed many thousands of trucks and general utility vehicles to support all kinds of operations. The ability to effectively supply modern, mechanized armies with huge amounts of fuel, ammunition, food, and other commodities they would need was crucial to the success of any military

campaign and as the speed of war increased, so these supply lines began to lengthen. Rugged, reliable, and adaptable, these trucks would have a vital role to play in the coming conflict.



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and all good retail stockists

You Tube



The excitement is building

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HELLCAT ON WHEELS

TMMI welcomes award-winning modeller **Shigehiro Yoshida** who presents this atmospheric diorama featuring Tamiya's 1:35 M18 Hellcat, up-detailed with Passion Models parts and a DEF Model gun barrel



FULL-BUILD: WORLD WAR TWO DIORAMA

TAMIYA 1:35 M18 HELLCAT US TANK DESTROYER ● KIT NO.35376

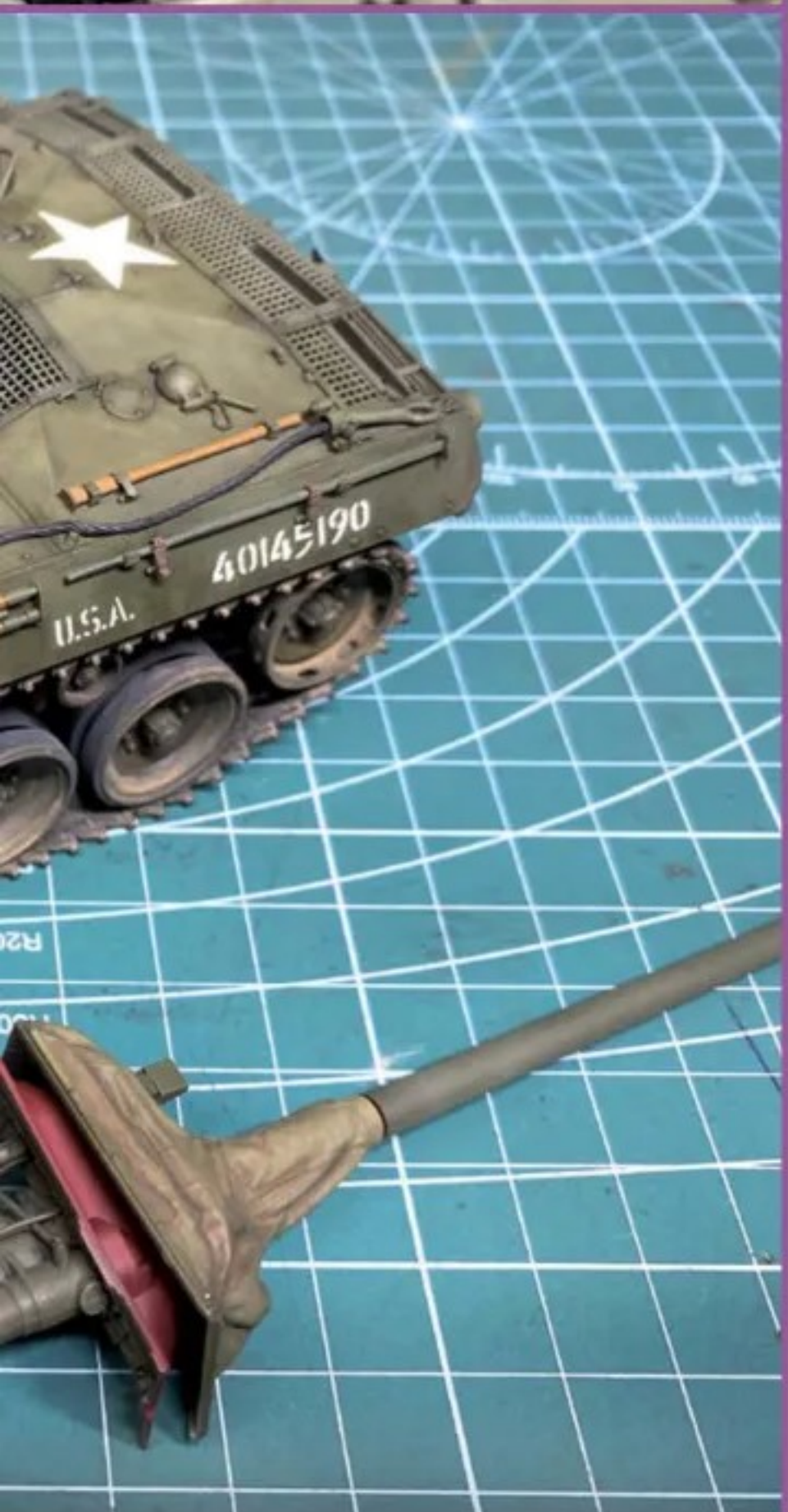
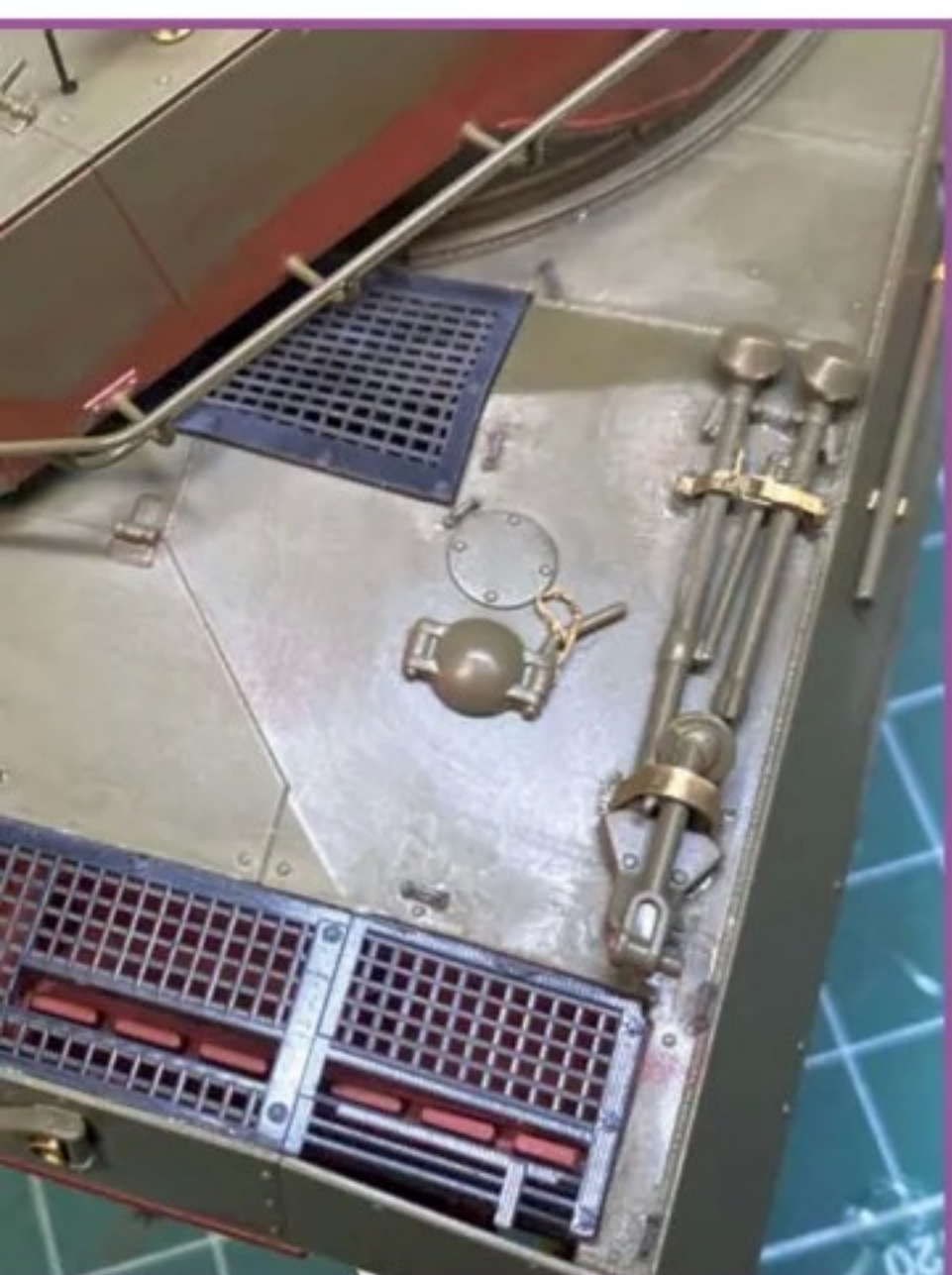
For this diorama, I chose Tamiya's Military Miniatures Series 1:35 M18 Hellcat as the centrepiece. First of all, since this vehicle has an open top structure and you can see the inside, I reproduced the piping inside the turret with annealed copper wire, referring to photos of the actual vehicle. The equipment on the deck side of the fighting compartment was also 'piped' in the same way. In addition, a service panel was applied to each piece of equipment in the fighting compartment, taken from the decal sheet of a different model. It's a little over-scale, but it looks good from the perspective of looking down into the model's turret. The exterior had all the handles scraped off and replaced with 3D-printed parts from the up-detailing set for Tamiya's M18 Hellcat, manufactured by Passion Model, set No.P35T-011 (www.passionmodel.jp).

I also replaced the mesh on the rear engine deck and as a result, I was able to reproduce a two-layered mesh structure with thin vertical and horizontal strips, just like the actual vehicle. In addition, the light guard, siren guard, and antenna guard were also replaced with 3D-printed parts from the Passion Model up-detailing set.

The tracks and wheels were assembled into complete sub-assemblies for each side, so the entire undercarriage could be removed, allowing the backs of the roadwheels to be painted. In addition, since this M18 corresponds to the late type, the gun barrel is an aftermarket part from Def Model. In this set, the muzzle brake is a 3D-printed item and the muzzle ring part is made of brass.

For painting, Tamiya's Lacquer Paints were used as a base-coat. A light olive drab layer was applied over the base colour and a darker olive drab was applied for shading. The markings are from Company A, 3rd Army, 705th Tank Destroyer Battalion, French Operation Brittany [[pics 1 to 9](#)].





TAMIYA'S FIGURES

The American infantry was depicted using Tamiya's US Infantry Scout Set (35379). They are elaborately reproduced by 3D-scanning and are wearing the M1943 field jacket adopted at the end of the war. The kit consists of five soldiers, but I modified four of them, replacing

the kneeling figure's head with a Hornet resin part to match the young girl's position in the scene. There are four farmers depicted and the man holding the bottle is the one that came with Tamiya's British Infantry Tank Mk.IV Churchill Mk.VII (35210). The tank crew who are receive the bottles from the farmers

are by Tamiya and their hands were modified so that the bottles are aligned. I also changed the tank crew boots. The remaining three are by Masterbox; the box art shows them wearing drab-coloured eastern front-style clothing, but I finished them in brighter French-style fabric colours [pics 10 to 15].



❶ THE FARM BUILDING

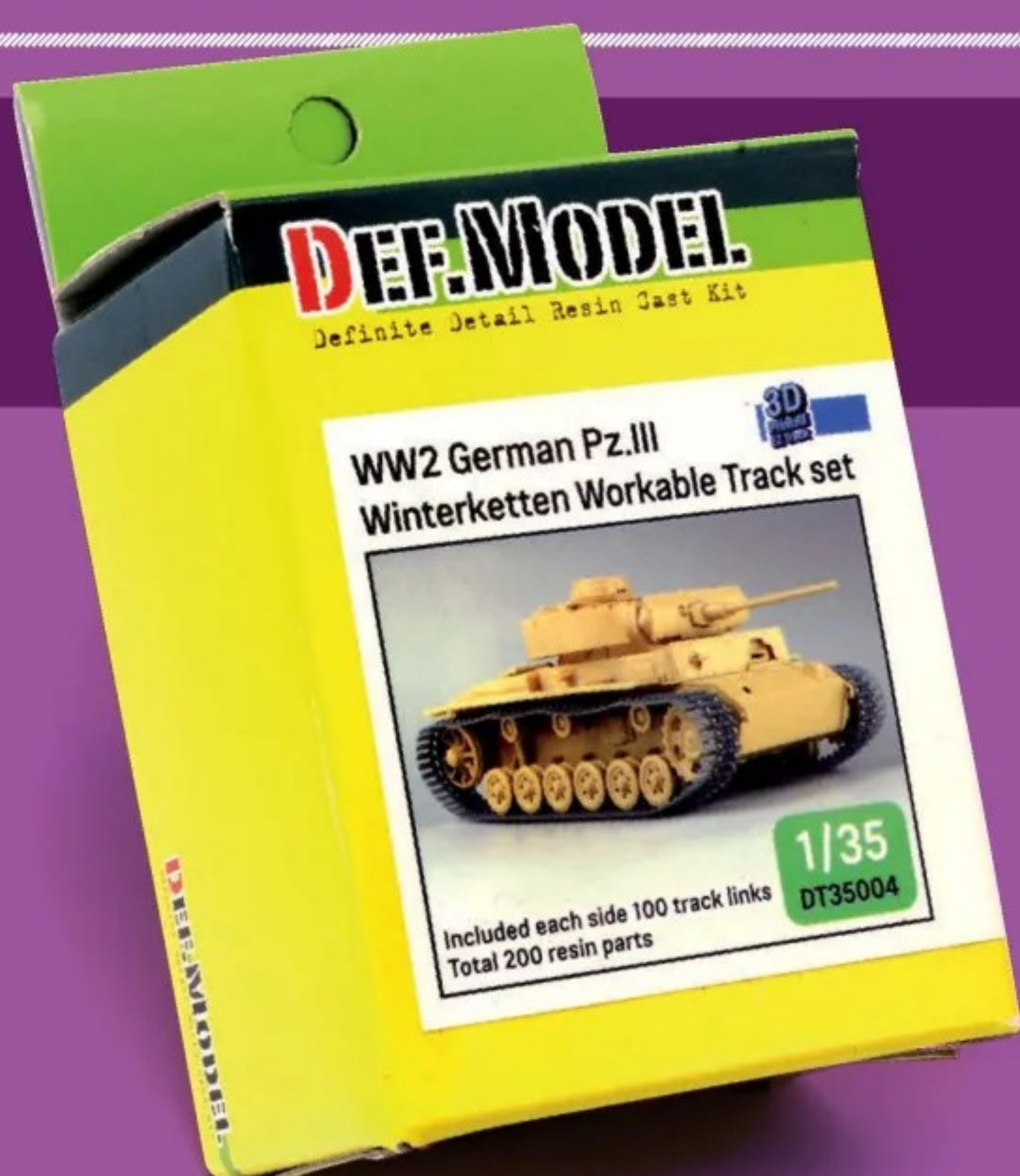
Some parts of the farmhouse's structure was made with styrene board, with the rest by converting the Verlinden Productions' kit. Window frames and gutters are aftermarket parts from MiniArt. The doors were also made from wood as retrofitted parts. The window shutters and the door on the hut side were made by arranging wood-grained boards. If you search for French farmhouses on YouTube, you will find new houses, but basically the shutters and other elements seem to be designed to carry with on the old traditions [pics 16 to 18].

THE TRACTOR SHED

After making an image search, I built what I found; an open garage in which to store the tractor. The frame of the shed was assembled from square-section wood strip with the wood grain enhanced in advance, plus a corrugated tin roof made from lead sheet placed on top. The tin roof was painted with a light grey base and I then gave it a rusty finish [pics 19 to 21].



MINI REVIEW...



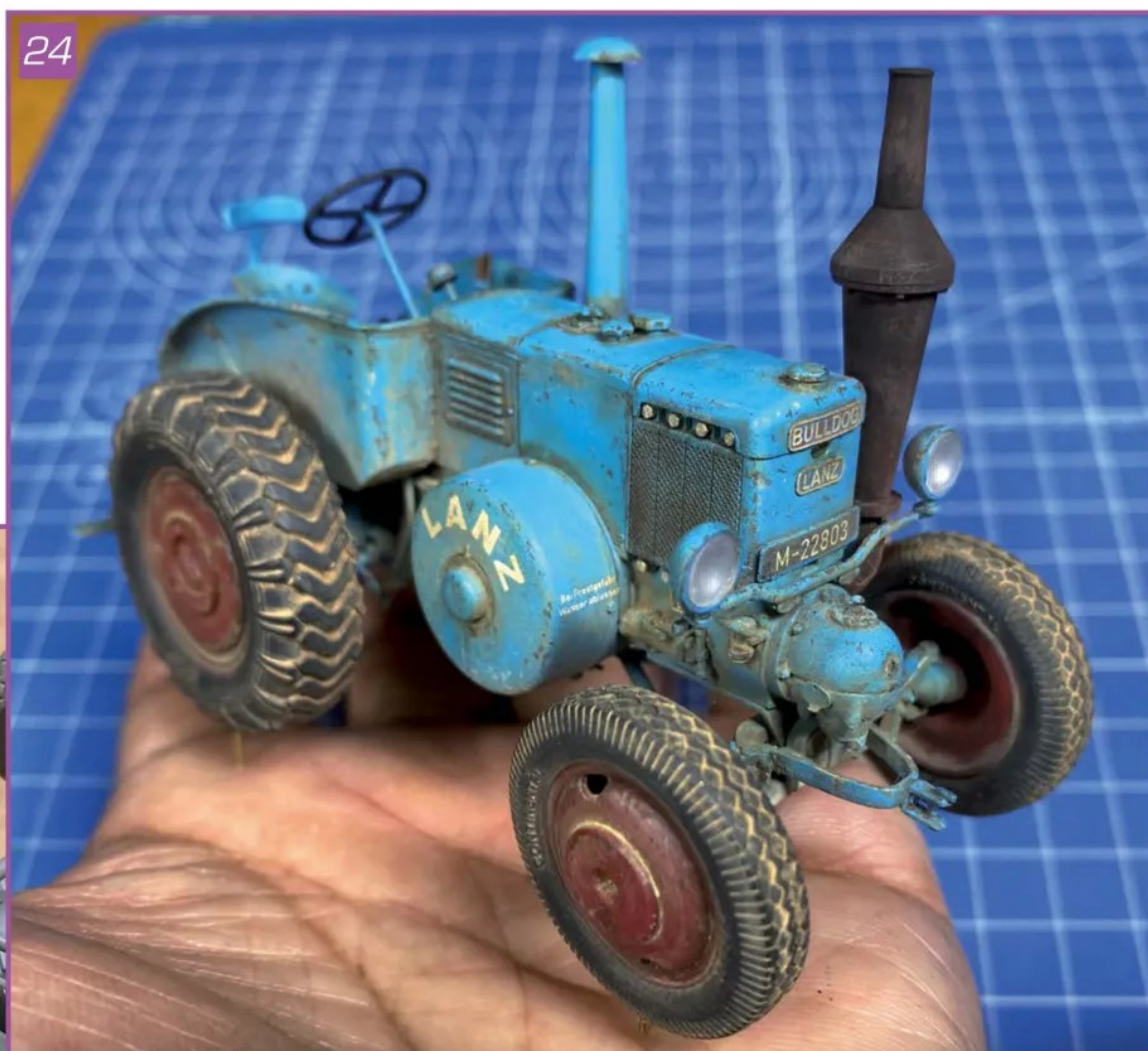
**DEF MODEL WW2 GERMAN PZ.III
 WINTERKETTEN WORKABLE
 TRACK SET (DT35004)**
www.defmodel.com

If you fancy building a 1:35 Pz.III or StuG.III in a winter setting, DEF Model have come up with this set of stunning 3D-print tracks with 'Ostketten' track extensions. They are incredibly finely detailed and the thinness of the Ostketten is breathtaking: you'll need great care when assembling them!



MINIART'S TRACTOR

The tractor kit is by MiniArt, No.38029. Some of the parts around the suspension of the kit are very delicate and easily broken, so I replaced them with brass wire. The paint is French blue and I applied dirt appropriately. The actual vehicle was produced by German company Lanz (1937) and has a track record of supplying to countries around the world. It is believed that France purchased some from Germany before the war, or France obtained a license and produced it in France. [pics 22 to 24].



THE DIORAMA BASE

I made the groundwork – except the garage and farmhouse – using styrene board. I made the terrain with wood-clay on a styrene panel. After drying, sand and pebbles were fixed with a water-soluble glue and after drying, I painted the ground quite brightly with a mixture of Tamiya Acrylics XF-52 Flat Earth and XF-57 Buff. After that, I 'planted' grass using static grass and other materials. I decided on the placement of the figures and made holes to fix the vehicle [pics 25 to 29]. ▶

FULL-BUILD: WORLD WAR TWO DIORAMA

TAMIYA 1:35 M18 HELLCAT US TANK DESTROYER ● KIT NO.35376



❶ As a final note, this work won a prize in Japan's top tank model contest 'Kiyakon', but I received advice from an advisor who is the organiser of the contest (Kiya Model representative, Mr Takunari Goshima) and I repainted the civilian figure to make it more French-looking and brighter, which I did. ●

TECHSPEC...

TAMIYA 1:35 M18 HELLCAT US TANK DESTROYER KIT NO.35376

Materials:

Injection-moulded polystyrene, waterslide decals

Paints used:

Tamiya Acrylics: XF-52 Flat Earth, XF-57 Buff

Accessories used:

- Passion Models: 1:35 M18 Hellcat 3D Parts Set (P35T-011) for Tamiya kit 35376
- Tamiya: US Infantry Scout Set (35379)
- MiniArt: German Tractor D8506 Mod.1937 (38029)

Availability:

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



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3961 Scania S770 4x2 Normal Roof **NEW PARTS** 1:24



Limited
Edition

3960 Opel Blitz Classic 1:24



3667 Fiat 131 Abarth Rally 1:24



3783 Freightliner Heavy Dumper Truck 1:24



DEFENDER OF THE SKIES

Part 2

Spencer Pollard completes his look at the Thunder Models' latest Allied soft-skin. This month we look at painting and weathering and then bringing all of those very delicate parts together!



Last month we took a detailed look at the construction of this complex model, offering some hints and tips that would help you get the best from the parts supplied. This month, we will look at painting and weathering. Many of you reading this will see much here that is familiar, my use of lacquer base-coats, detailed with acrylics has seen much use over the last few years. This month though I thought I would push that idea a little further, those acrylics being used more extensively to finish the camouflage, as well as the smaller features around the exterior of this model.

I also brought into use plenty of aftermarket weathering products, many of them from the AMMO range of enamel washes. These were found to work really well over those lacquered base-coats, offering quick and efficient layers that could be combined to create a unified finish. Having only used oils and my own enamel washes for some

time, returning to the use of these prepared solutions was a real pleasure and something that I plan to do more extensively throughout the coming months. This then is my final look at the Thunder Model Morris Bofors. I hope you like it!

FINAL THOUGHTS...

This was undoubtedly a difficult model to build, but now that it is complete, I'm happy with how it captures the look of the original vehicle. Its combination of detail and finesse has created something truly unique for my collection amongst all of the tracked vehicles that I normally build. All that remains to do now is build a small base for it. This model is so delicate that I can't really pick it up without damaging the tiny details that festoon its surface. Hopefully, once I do that, I can take it to shows where I am sure modellers will be keen to study this most distinctive of British trucks! ●



FULL-BUILD: WORLD WAR TWO ALLIED ANTI-AIRCRAFT VEHICLE
THUNDER MODEL 1:35 BRITISH MORRIS BOFORS C9/B GUN TRUCK LATE ● KIT NO.35209

Painting began with the chassis and major sub-assemblies. These were base-coated in black and then highlighted with Olive Drab, followed by lightened shades of green



The wheels were sprayed with Olive Drab and then the tyres picked out with AK Interactive 3G Rubber Black. This colour produces a wonderfully warm, dark grey colour that perfectly recreates older tyres such as those seen here



The tyres were washed with a thin layer of AMMO's Dry Steppe Mud Splashes and then detail drybrushed with Vallejo Black. Oil Spills and suchlike, could then be added with Dark Streaking Grime



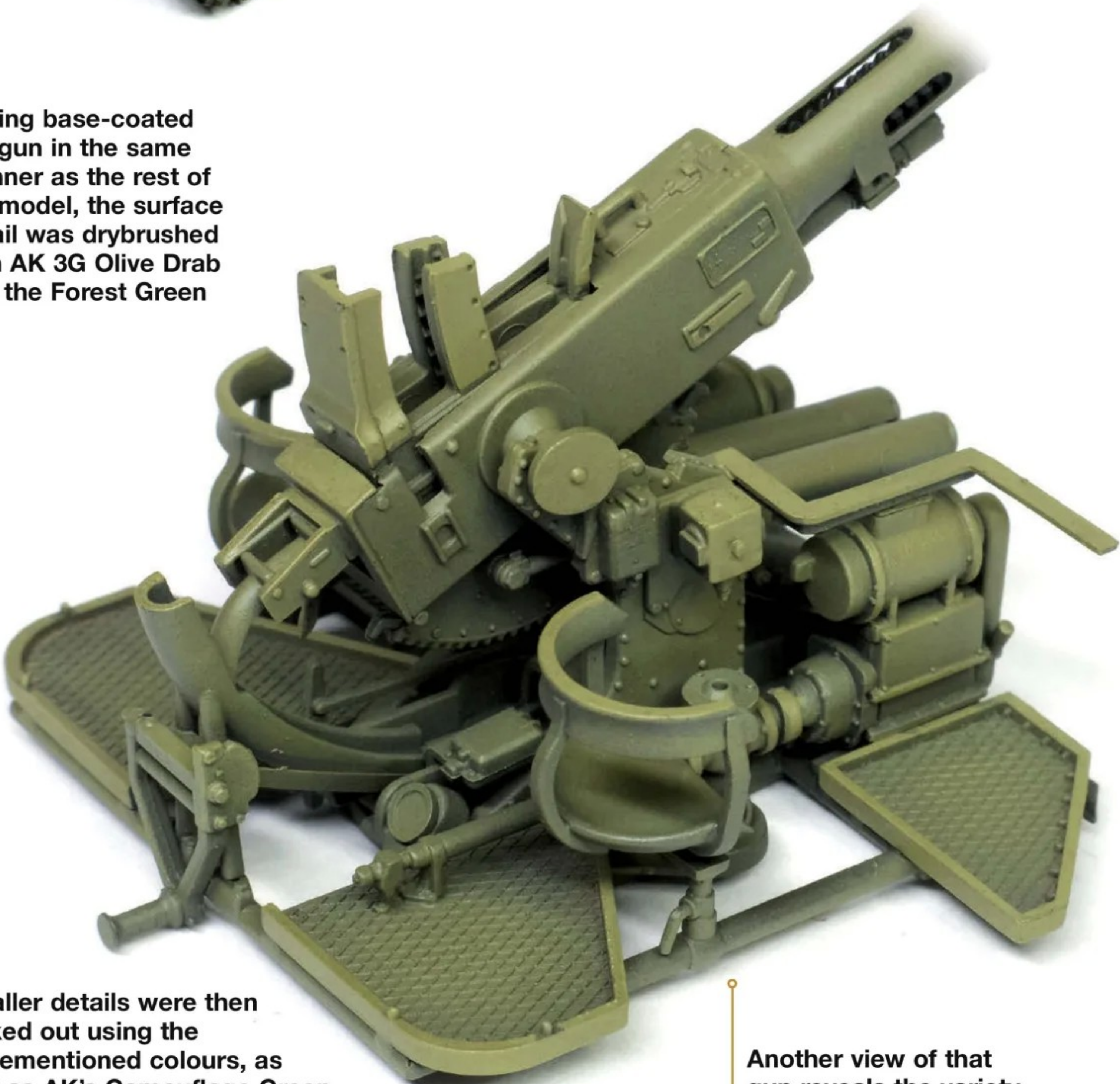
The resin wheels were glued in place with superglue. Thankfully all four wheels touched the ground at the same time!



Having base-coated the gun in the same manner as the rest of the model, the surface detail was drybrushed with AK 3G Olive Drab and the Forest Green



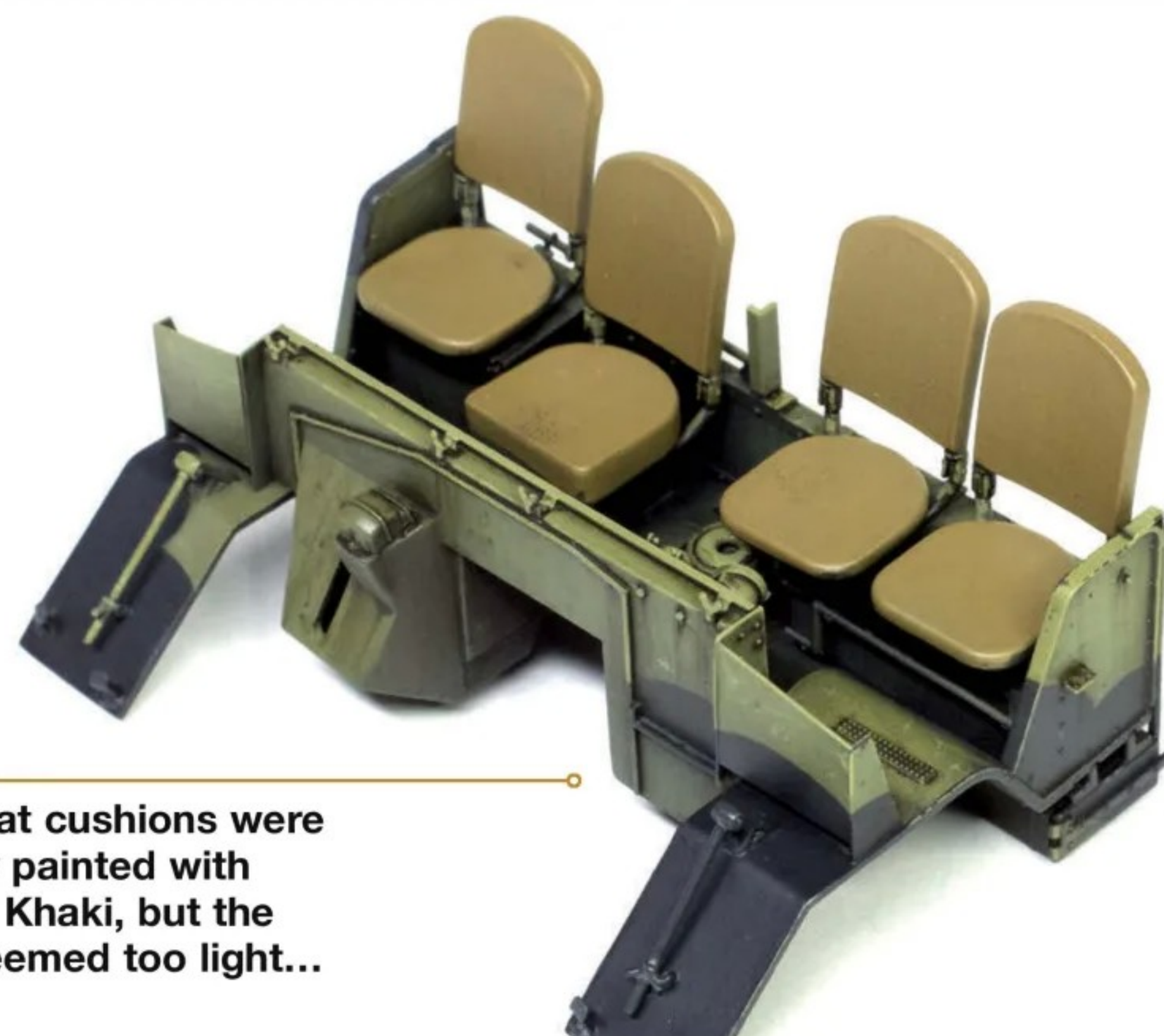
Smaller details were then picked out using the aforementioned colours, as well as AK's Camouflage Green, the latter lightened with Vallejo Ice Yellow until all of the detail could be read easily



Another view of that gun reveals the variety of shades that I applied over the surface of this diminutive model



With the green all done, the camouflage was hand-painted in place using Rubber Black and a pure sable, No.1 paintbrush. Thinned with water, this paint went on perfectly to create a sharp finish that was perfectly flat and free from brush strokes



The seat cushions were initially painted with Vallejo Khaki, but the was deemed too light...



...So was repainted with darker shades, lightened over a number of thin layers to create a graduated finish that exhibited shading and highlighting



Here's the result of the work with those Vallejo acrylics, some neat shading and then a little texture here and there



Though there is not a great deal of it on this model, I liked the idea of some rusty streaks here and there, so used some of AMMO's Rust Streaking Grime to add this effect. This was applied straight from the bottle and then blended-in with a little Odourless Thinner and a soft brush



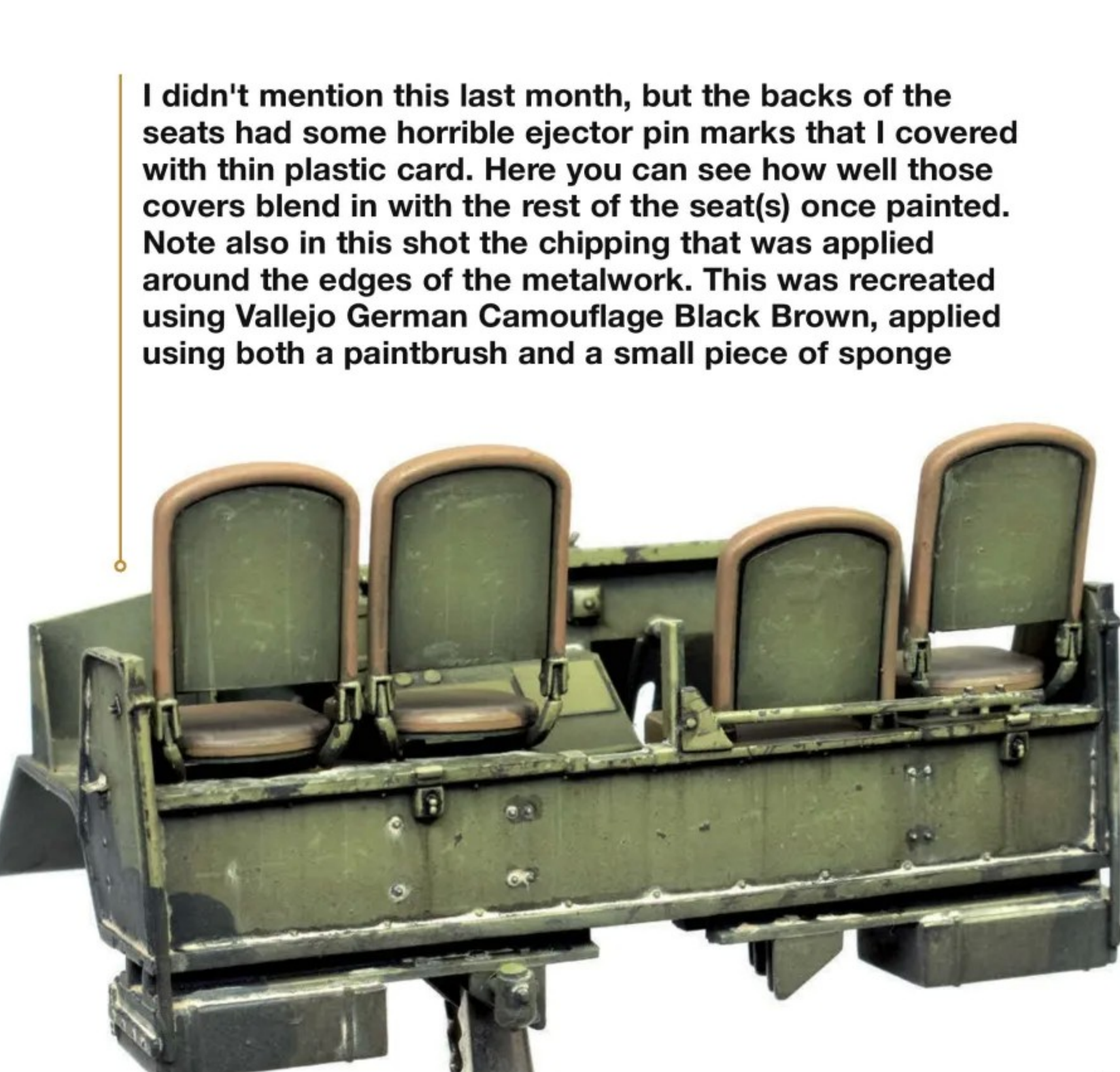
Medium Density Mud Splashes create a wonderfully dusty appearance with very little effort. This was simply applied around details and then blended-in, once dry to the touch



The gun barrel on the main armament and the spare carried on the righthand side of the vehicle, were both base-coated in black and then rubbed with a little graphite to create a metallic sheen. I think that these could both be painted in camouflage, but I liked the contrast that the unpainted metal offered against the rest of the model



Here, you can see how effective that dust layer is against the camouflage, as well as seeing once more how well the hand-painted areas look against the remaining, airbrushed finish



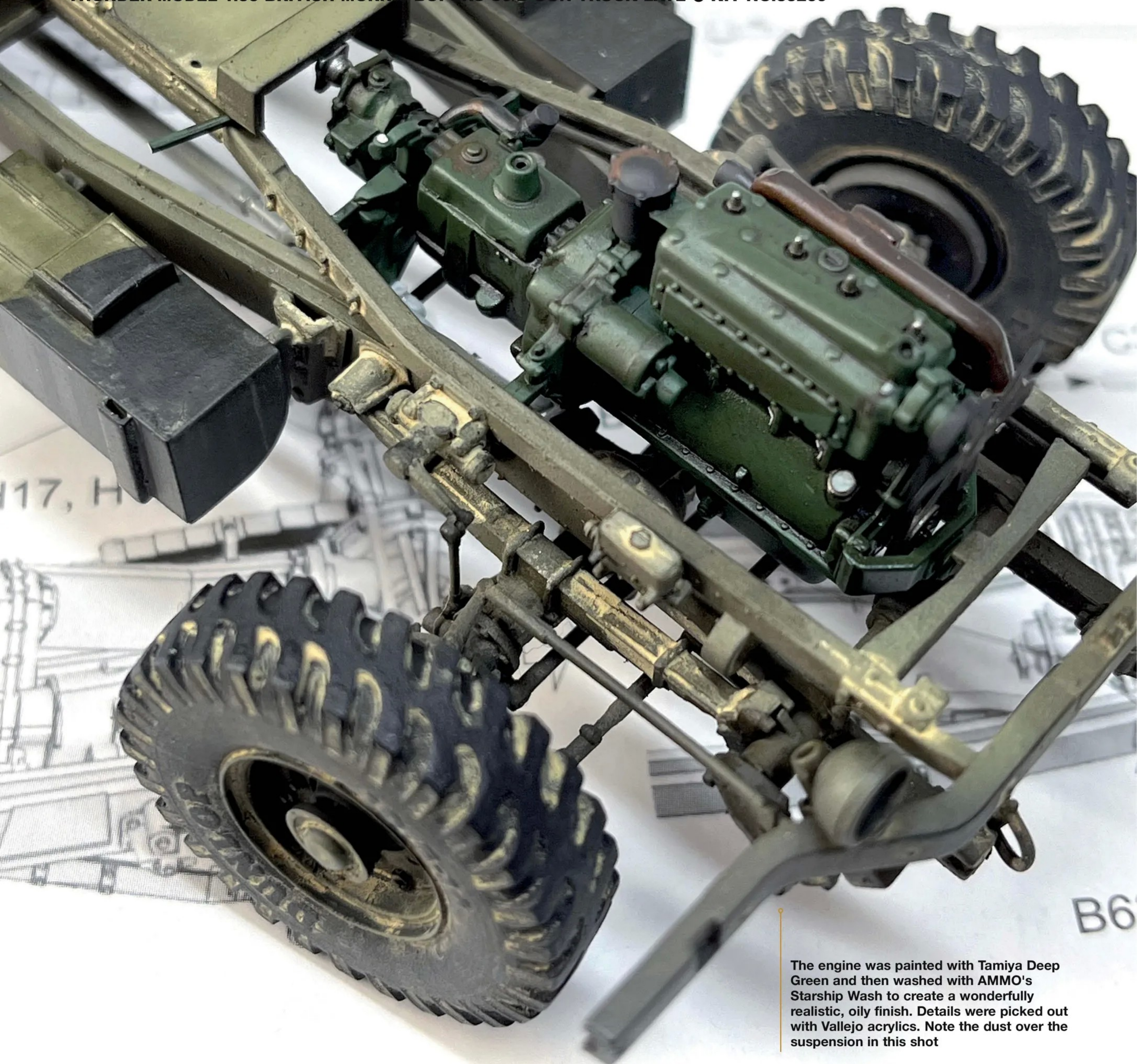
I didn't mention this last month, but the backs of the seats had some horrible ejector pin marks that I covered with thin plastic card. Here you can see how well those covers blend in with the rest of the seat(s) once painted. Note also in this shot the chipping that was applied around the edges of the metalwork. This was recreated using Vallejo German Camouflage Black Brown, applied using both a paintbrush and a small piece of sponge



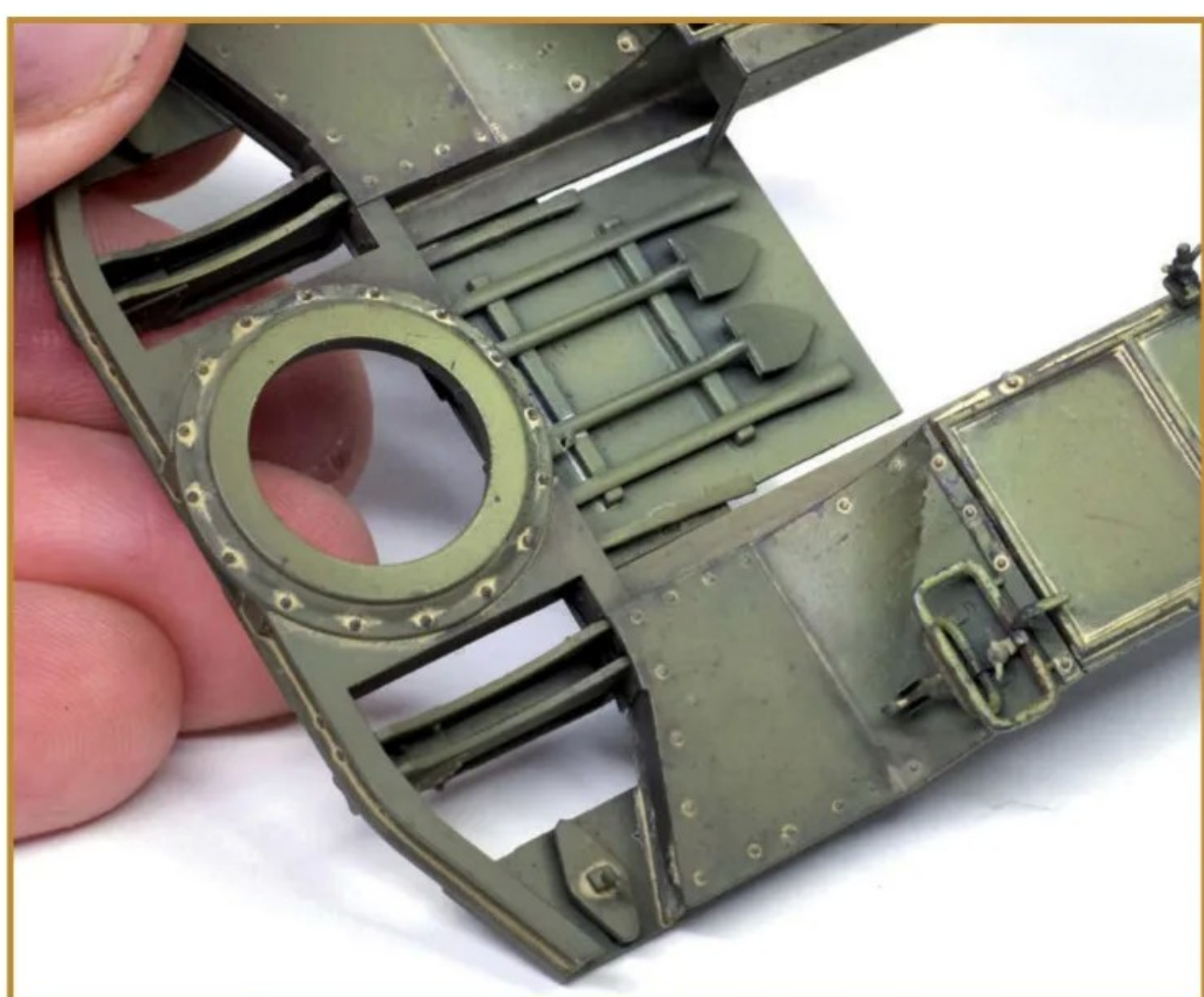
Though not instructed to do so, I liked the idea of breaking up the gun shields with camouflage, so that's what I did! Here as well, you can see how well Ammo's products replicate subtle layers of dust

FULL-BUILD: WORLD WAR TWO ALLIED ANTI-AIRCRAFT VEHICLE

THUNDER MODEL 1:35 BRITISH MORRIS BOFORS C9/B GUN TRUCK LATE ● KIT NO.35209

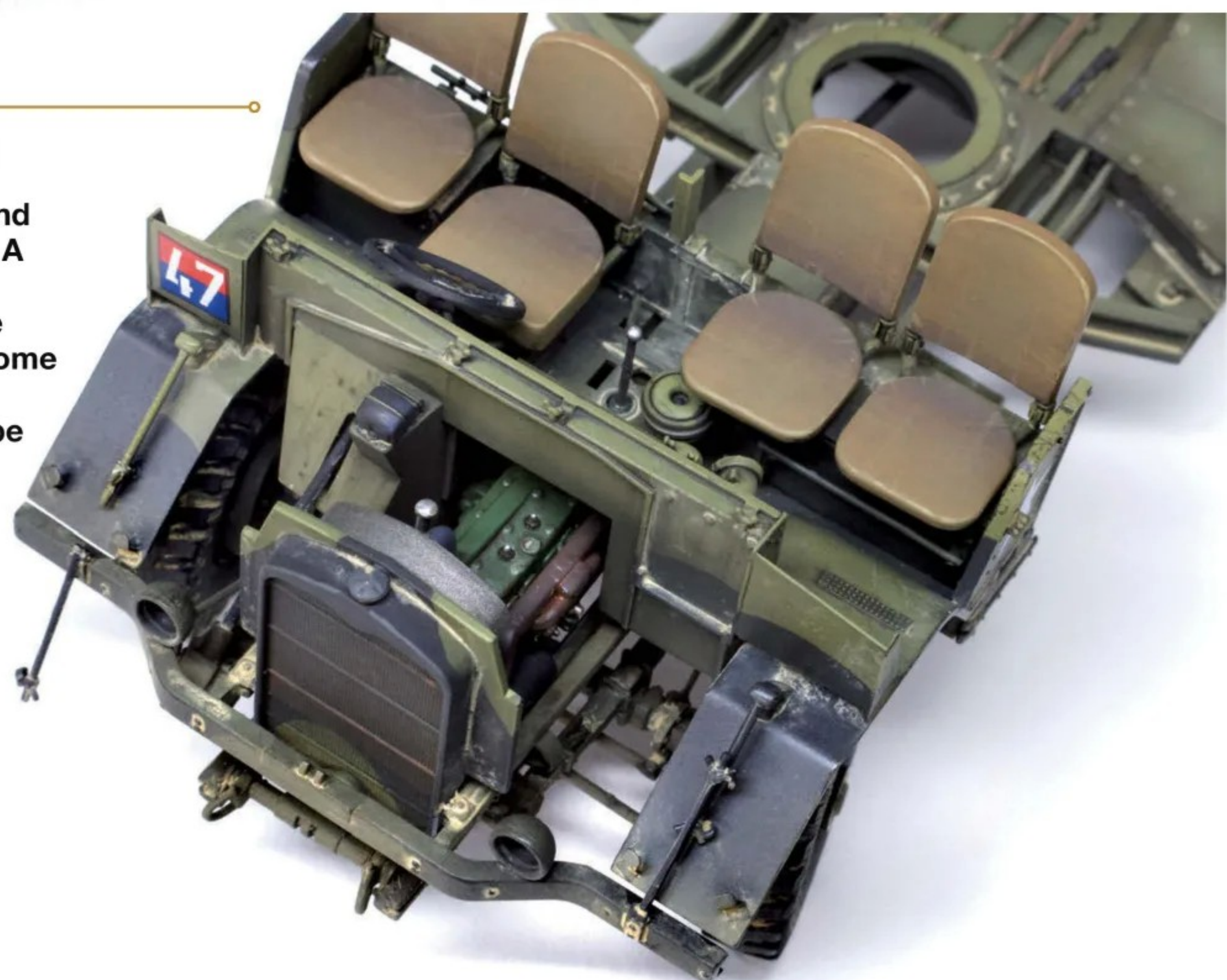


The engine was painted with Tamiya Deep Green and then washed with AMMO's Starship Wash to create a wonderfully realistic, oily finish. Details were picked out with Vallejo acrylics. Note the dust over the suspension in this shot



Plenty of chips, scratches and dust helped to bring out the detail over the surface of the truck bed

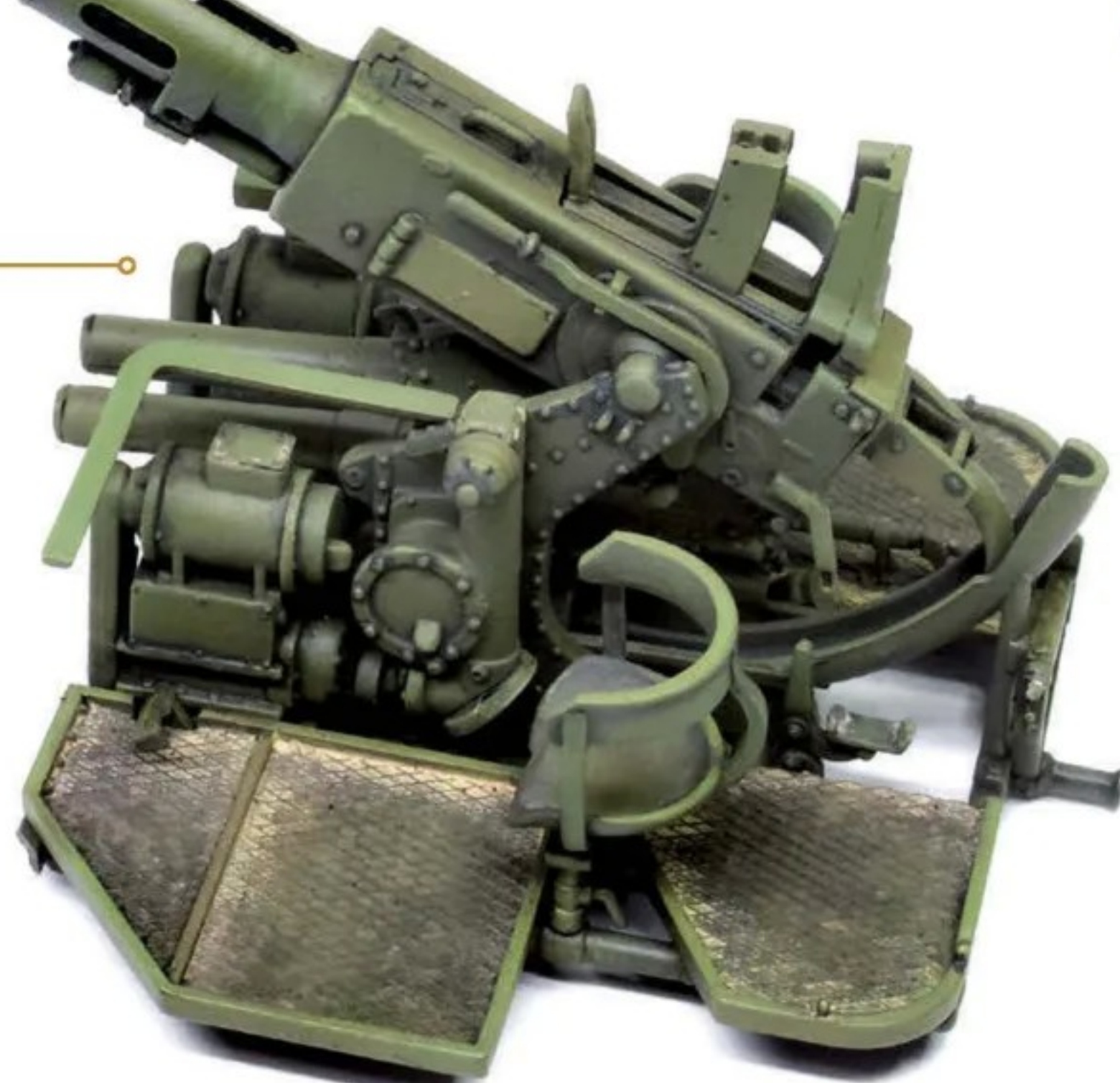
We are finally starting to get somewhere as the engine, radiator and cab are now in place. A degree of adjustment was needed to ensure everything lined up, some small details around the engine having to be removed before it all settled down neatly



Thanks to a small amount of flexing, the rear truck bed needed to be glued in place using superglue, its fast-acting nature allowing me to secure the bed without having to wait for small fragile joints to dry out. In this shot the tools have now been painted using Vallejo acrylics for the wood and Games Workshop metallics for the metal parts



The gun and its platform were painted to match the rest of the vehicle. The application of dust and darker, oily layers, has helped to homogenise that patchwork finish seen earlier.



Though out of sequence, this shows the gun being test-fit in place. I wasn't happy with the securing of the gun, so created a small, plastic card turntable that allowed a more positive joint to form between the chassis and underside of the gun's platform

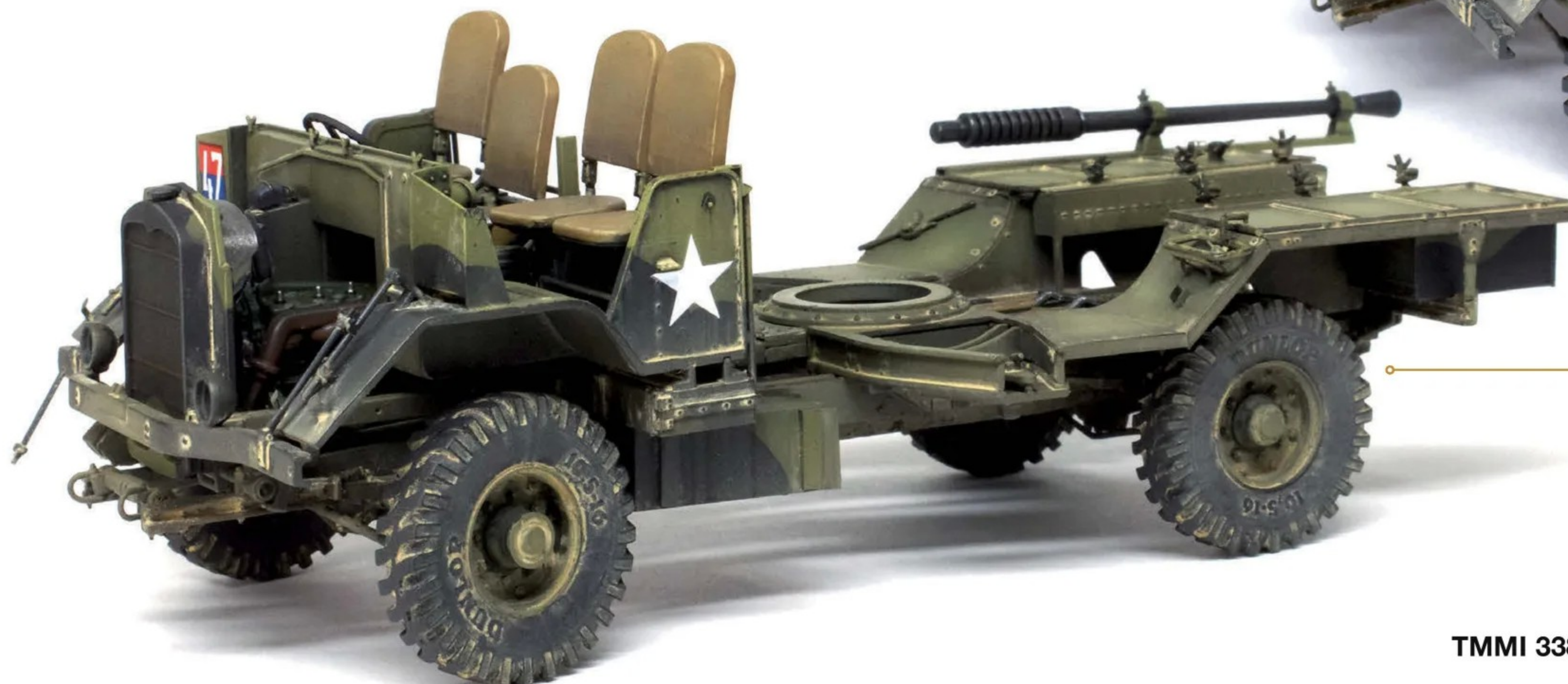


The classic is now complete: time to finish this model off!

The open cab reveals a large amount of detail. Note the white star marking, a decal applied using a Gunze Mr. Mark Setter NEO. This adhesive-based solution allows small markings with minimal carrier film, to be applied to matt finishes with ease. Once dry, the decal was oversprayed with Gunze GX Flat varnish to blend it in



Almost there. All the remains is to find the gun in place and this model is complete!



FULL-BUILD: WORLD WAR TWO ALLIED ANTI-AIRCRAFT VEHICLE

THUNDER MODEL 1:35 BRITISH MORRIS BOFORS C9/B GUN TRUCK LATE ● KIT NO.35209

TECHSPEC...

THUNDER MODEL 1:35 BRITISH MORRIS BOFORS C9/B GUN TRUCK LATE KIT NO.35209

Materials:

Injection-moulded polystyrene, resin, photo-etch, waterslide decals

Paints used:

- Tamiya Acrylics: Olive Drab, Rubber Black, RAF Dark Green, Buff, Flat Black, Deep Green
- Mr Hobby: GX Flat
- Vallejo Acrylics: Khaki, US Field Drab, Tan Yellow, Black, White, German Camo Black Brown
- AK Interactive 3G: Olive Drab, Forest Green, Rubber Black, Camouflage Green
- AMMO by Mig Jimenez: Dry Steppe Medium Density Mud Splashes, Starship Wash, Engine Grime, Dark Streaking Grime, Streaking Rust Effects.

Availability:

- Thunder Model kits are available from good model shops and online. UK import and distribution by Albion Alloys; www.albionhobbies.com Email: sales@albionalloys.co.uk
- Vallejo Acrylics: www.creativemodels.co.uk
- AK Interactive 3G: www.ak-interactive.com
- AMMO by Mig Jimenez: www.migjimenez.com





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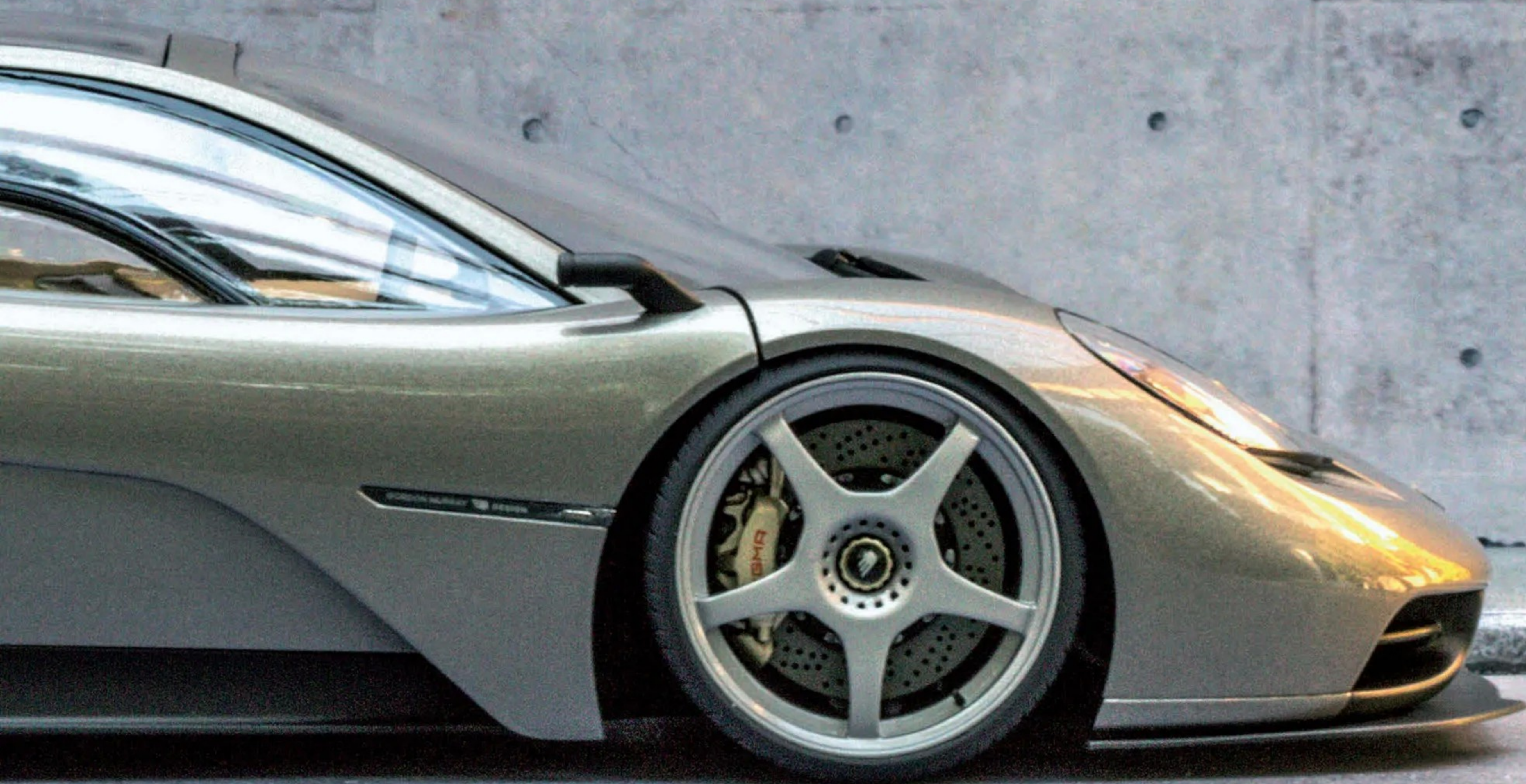
TAMIYA 1:24 GORDON MURRAY AUTOMOTIVE T.50 ● KIT NO.24364

THE LAST GREAT HYPERCAR

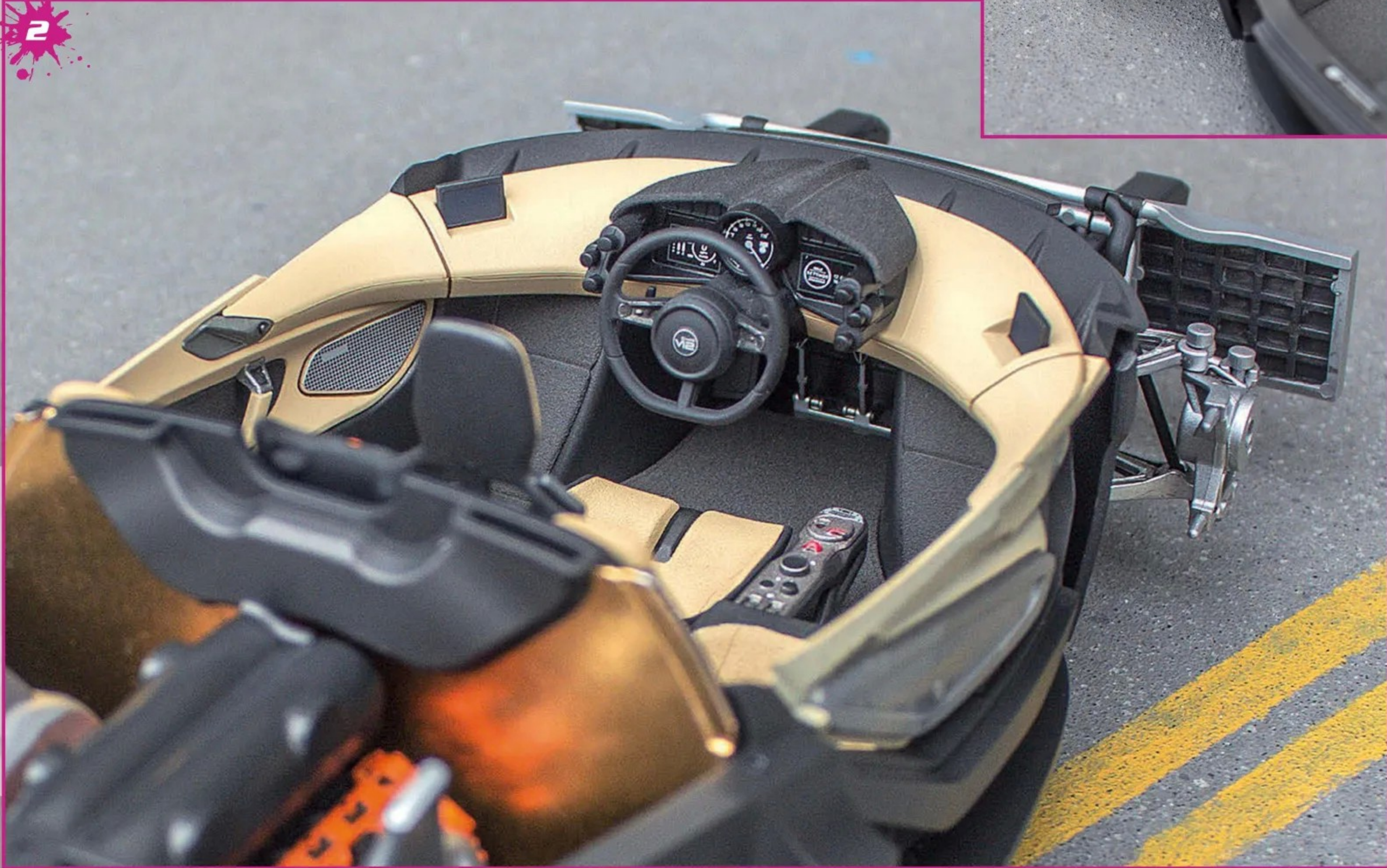
Martin Aveyard was pleasantly surprised when he saw Tamiya would be releasing the GMA T.50 as a 1:24 kit...



R?



FULL-BUILD: MODERN HYPERCAR
TAMIYA 1:24 GORDON MURRAY AUTOMOTIVE T.50 ● KIT NO.24364

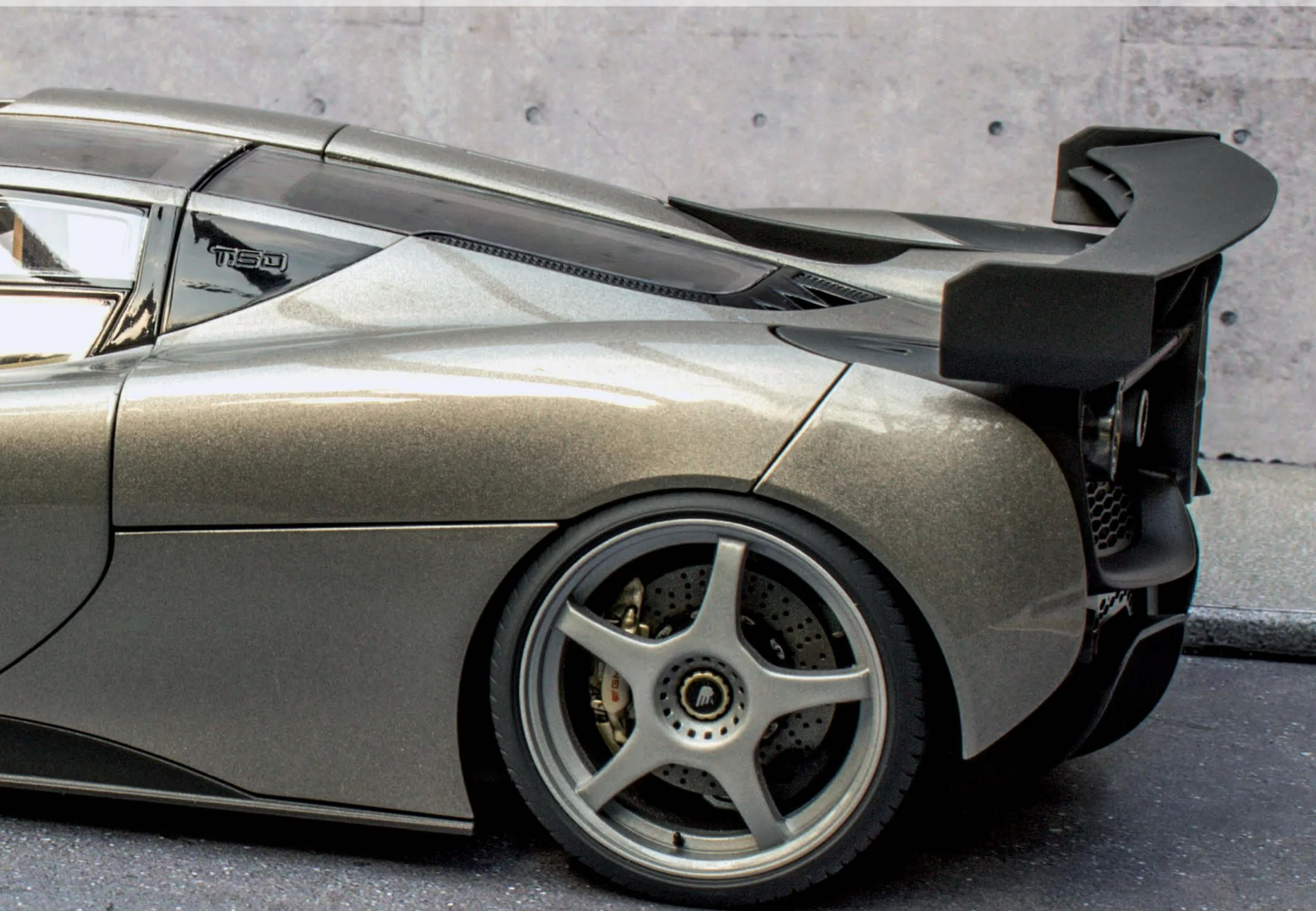




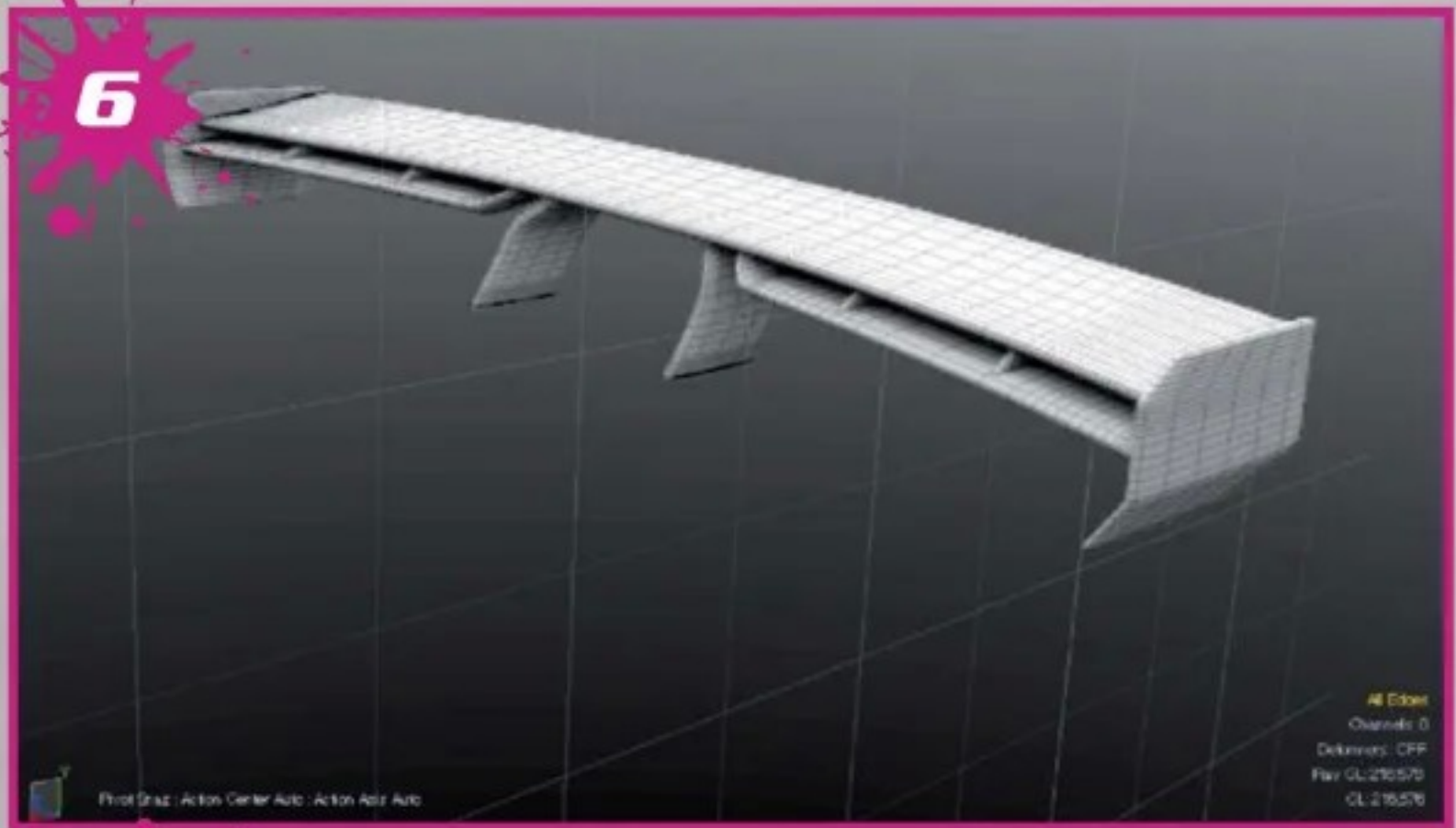
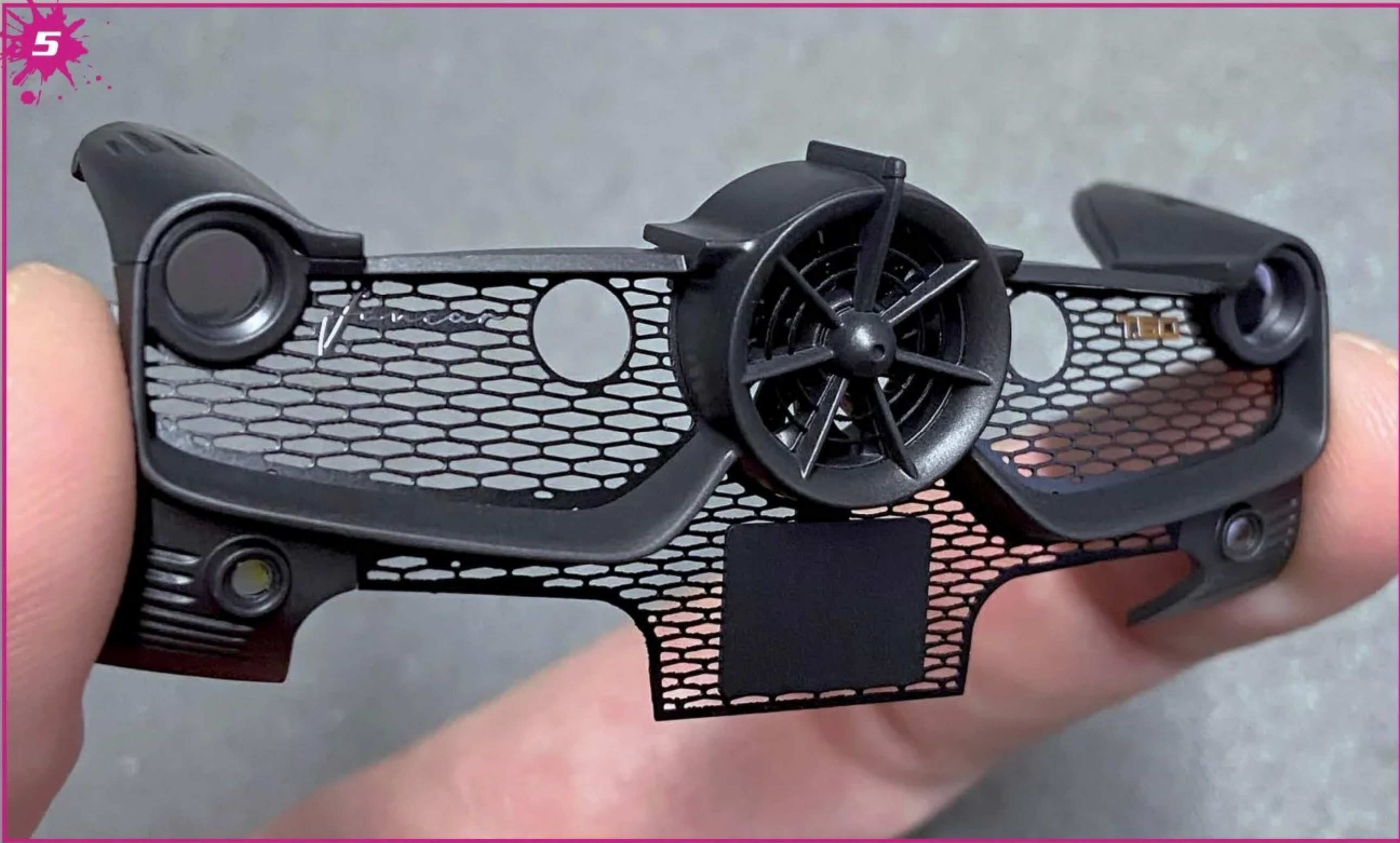
My favourite car of all time is the McLaren F1 and the T.50 is naturally a spiritual successor having both been designed by Gordon Murray. Since Tamiya doesn't make the F1, I decided to make the T.50 look as much like one as possible. Most of the kit was built out of the box. I changed the recommended colours to match the colourway of the F1LM, tan

interior with a dark silver exterior. The floor and seat texture in this image **(pic 1)** was created by adding a small amount of baby powder to the paint and then airbrushing. I picked that up from a friend in Sweden. I used gold Bare Metal Foil for the engine bay and radiator shroud but otherwise the cabin was painted according to the instructions **(pic 2)**.

The engine is nicely detailed, especially the block, heads and gearbox but as is the way with so many modern supercars, it's all but invisible once the car is assembled **(pic 3)**. One of the few body mods I made was to add a front splitter like the one on the original F1LM. I made it out of simple sheet styrene and attached it with four 2mm magnets so I could remove it if I desired **(pic 4)**.



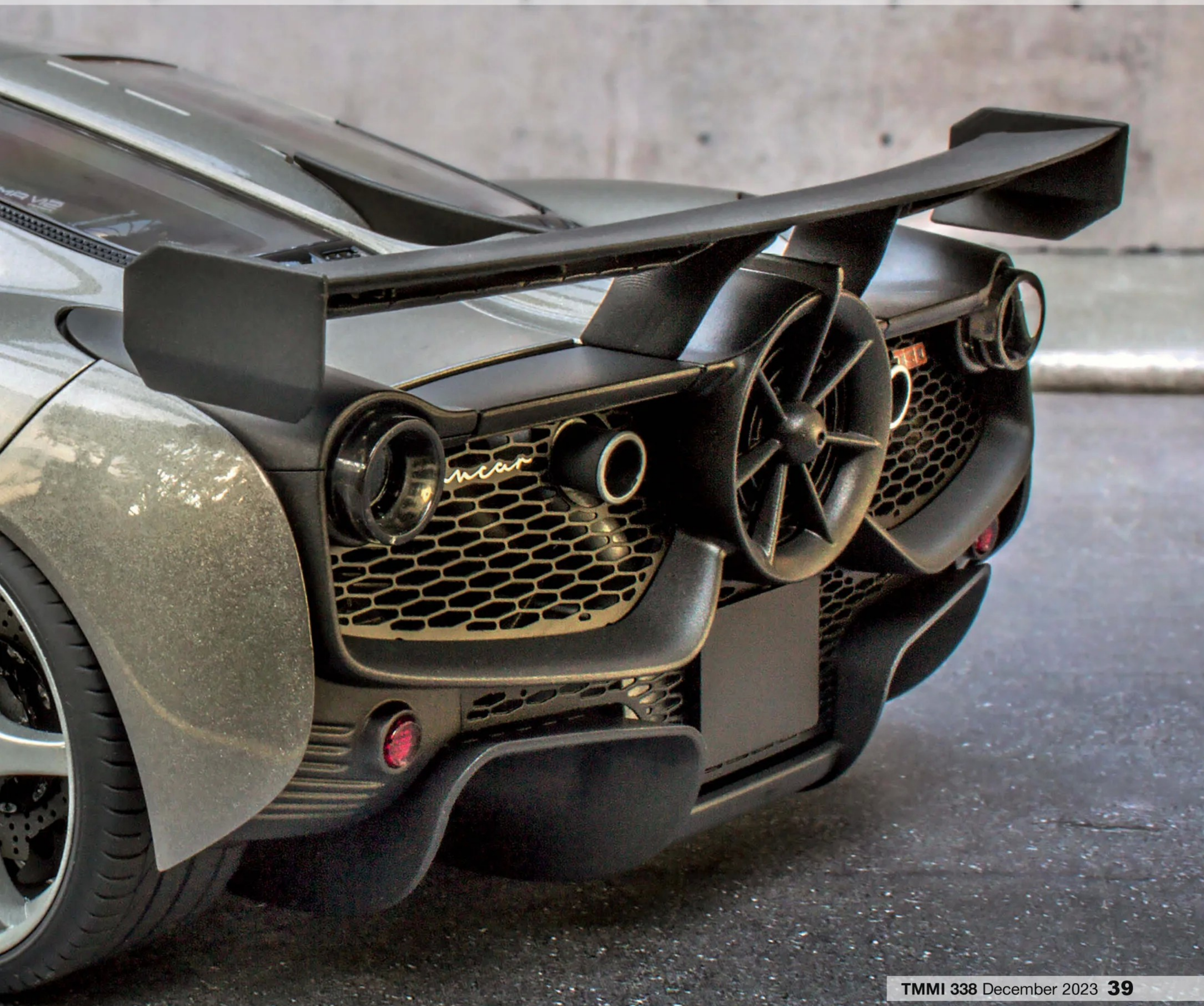
FULL-BUILD: MODERN HYPERCAR
TAMIYA 1:24 GORDON MURRAY AUTOMOTIVE T.50 ● KIT NO.24364



The kit includes some nice photo-etched pieces and foil stickers for the rear fan assembly. Very easy to assemble with press fit pieces that hold the metal parts in place **(pic 5)**. I make most of my own 3D files for my builds in an old version of a program called Modo. For this build I made the wheels, tyres and rear wing and then printed them at 0.01mm layer height on my Elegoo Mars 3. The wheels were designed to use the centre-lock pieces and decals from the kit **(pics 6, 7)**.

I usually make the wheels very early on in a build to get the stance set exactly the way I want but with this model having a multi-piece body, I ended up doing the wheels last to make sure I had everything fit properly. I painted the tires with Tamiya Rubber Black lacquer and the wheels with Flat Aluminium with two coats of gloss lacquer **(pic 8)**.

I shoot my final shots outdoors in ambient light with a simple backdrop made of printouts of photos I've taken or found online. I shot the road and sidewalk for this setup from the rooftop of a local parking garage. I use a ten year old Canon T3i with a basic lens. ●



FULL-BUILD: MODERN HYPERCAR

TAMIYA 1:24 GORDON MURRAY AUTOMOTIVE T.50 ● KIT NO.24364





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FULL-BUILD: MODERN HYPERCAR
TAMIYA 1:24 GORDON MURRAY AUTOMOTIVE T.50 ● KIT NO.24364



TECHSPEC...

**TAMIYA 1:24 GORDON MURRAY
AUTOMOTIVE T.50 KIT NO.24364**

Materials:

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

Accessories used:

3D-printed wheels/tyres, rear wing (created by author)

Availability:

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

Don't miss out on full-build features of great models each month! Subscribe to Tamiya Model Magazine now at: www.tamiyamodelmagazine.com

www.creativemodels.co.uk

Model by Wayne Hui

Model by Jeremy Moore

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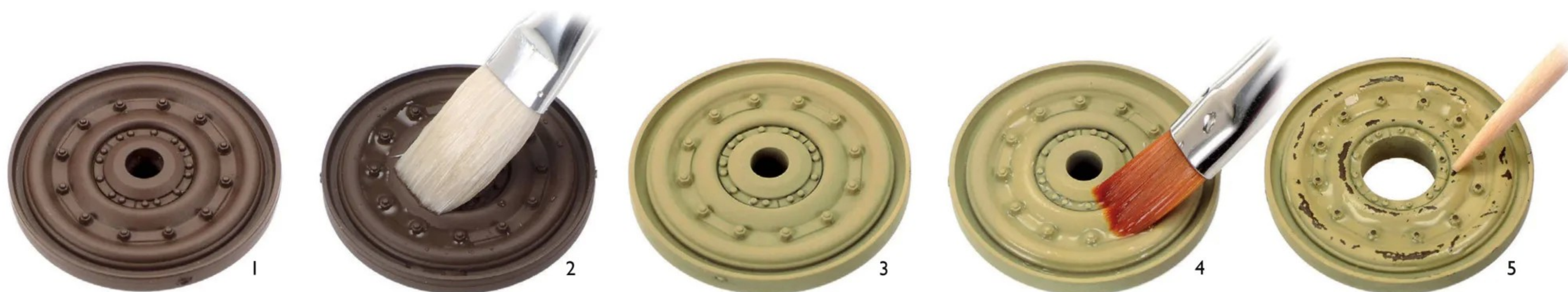
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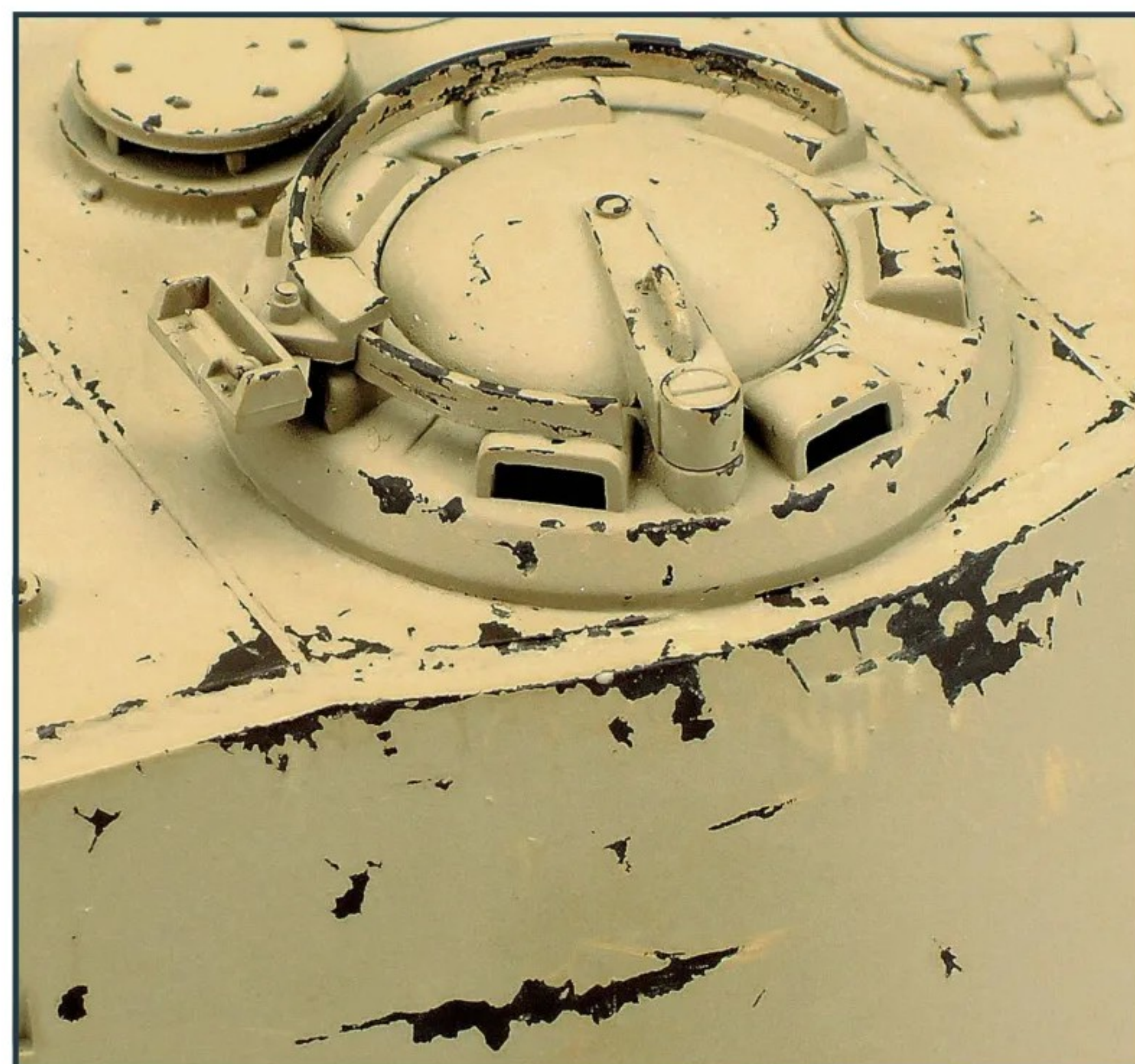
The newest material to join Tamiya's 'Finishing Materials' line-up takes the form of 'Chipping Liquid', in the role of the 'hairspray technique' that has found favour amongst the armour modelling community. This process is used to create convincing weathering effects to replicate damaged and peeling paint surfaces on armour and other subjects' surfaces.

The procedure is as follows:

1: Paint with base colour, 2: Apply the Chipping Liquid by airbrush or brush, 3: Overpaint with top colour, 4: Apply tap water to the painted areas, 5: The Chipping Liquid softens: partially scrape off top colour paint with tools such as a stiff paint brush and toothpick. **TMMI**

Weathering material:

- Chipping Fluid 40ml (87225)



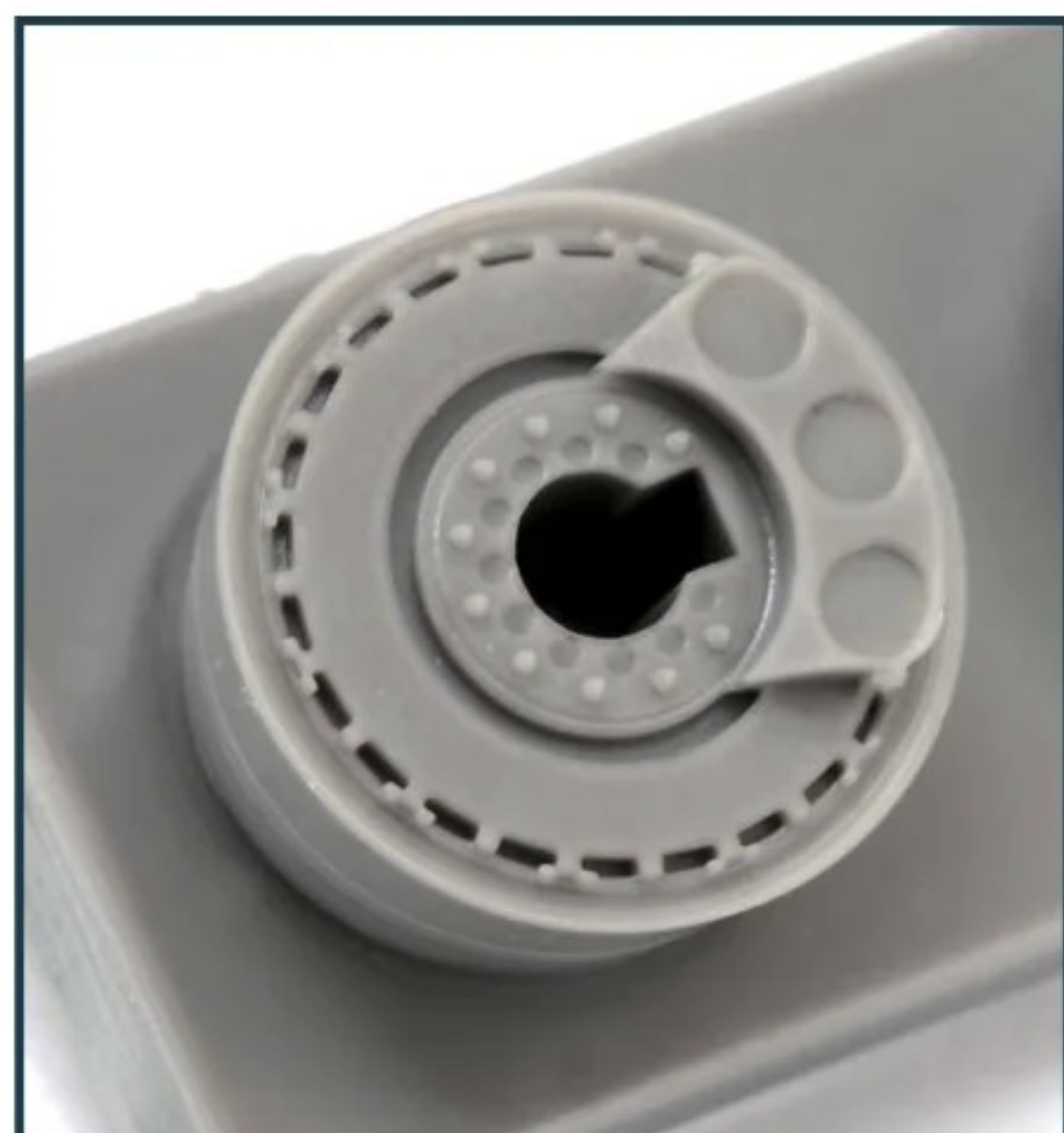
RESKIT, UKRAINE

www.reskit-models.com

Recently arrived from Reskit is this set of wheels/tyres for ICM's mighty 1:35 kit of the Sikorsky CH-54A Tarhe heavy-lift helicopter, assembly of which continues for a detailed TMMI article. Crucially, the tyres in this resin set have a weighted appearance that is not limited to simple flat spots where they contact the ground, but sidewall bulges too, for complete authenticity. The detail on the sides and treads is a superb and the set is a highly recommended enhancement for ICM's magnificent model. **TMMI**

1:35 resin detail set

- CH-54A Tarhe wheel set weighted (RS35-0035) for ICM



GREEN STRAWBERRY, CZECH REPUBLIC

www.greenstrawberry.cz

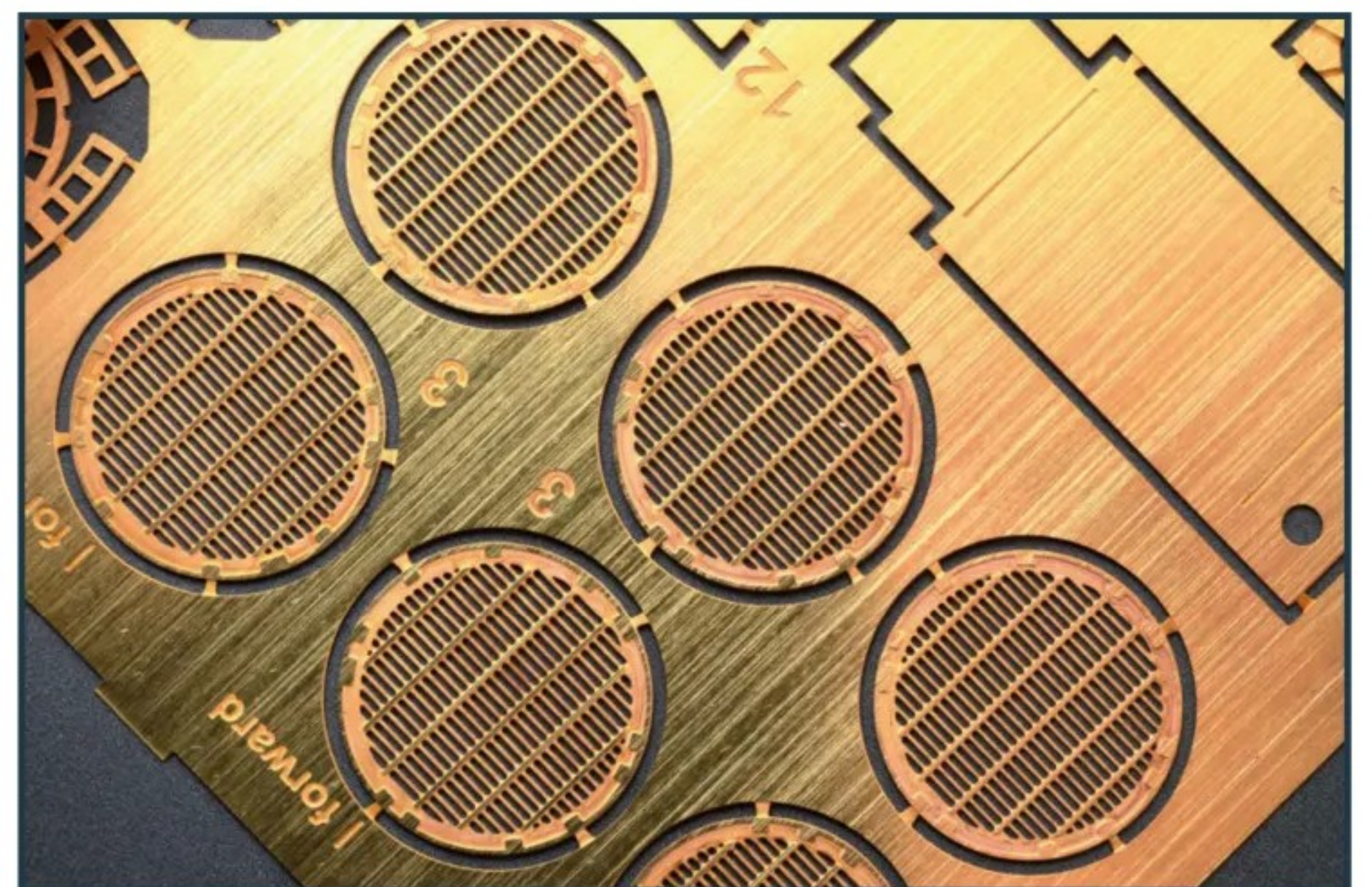
Green Strawberry have created a suite of goodies in the 'Lost in Space' theme, including the B9 Robot reviewed last issue to a set of excellent figures of the main characters from the '60s TV show. If they appear posed somewhat stiffly, it is intentional: they are depicted in their freezing tubes for long-distance travel. Lovely detail and 3D-printed to perfection. Also new from GS is an extremely handy 'Junior' photo-etched set for Bandai's 1:144 Millennium Falcon masterpiece, providing a taste of PE refinement to this kit without breaking the bank, or trebling the construction time. A very worthwhile purchase. **TMMI**

1:35 3D-printed figure set

- Lost in Space crew in freezing tubes (135023)

1:144 photo-etched detail set

- YT-13000 Millennium Falcon Junior detail set (2004-1/144) for Bandai



MINIART, UKRAINE

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

The standard black uniform worn by Panzer crewmen (both Heer and SS) was heavy and rather conspicuous when out of the vehicle. The German Wehrmacht forces developed a number of lighter outfits, broadly with the same cut, but made from Reed Green herringbone drill. The SS followed suit with a uniform in dot 'pea' camouflage which differed slightly in details – lacking the large chest pocket and left leg pocket seen on many of the Wehrmacht items. Because of the material used, these summer denim drill uniforms appeared untidy and more wrinkled than the normal uniforms. This set from MiniArt has four figures, posed to sit on the outside of their vehicle, and are in very relaxed positions. The box-art and the uniform details indicate that these are SS personnel, but with a little modification could be converted to Heer (army) figures. The moulding is the normal style for MiniArt, with a slightly soft grey plastic picking up good detail. Fit of the figures is excellent, and the animation is very realistic. Some modellers may choose to use the tip of a sharp blade to scrape and define the edges to collars and cuffs, but generally these four crew figures can be quickly assembled and placed on any suitable vehicle. A very useful set of four crew to sit on an armoured vehicle. **CLS**

1:35 injection-moulded figure set

- Panzer crew France 1944 (35364)



New Releases Accessories

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

EDUARD, CZECH REPUBLIC

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

A mixture of upgraded items this month, from a jet nozzle, undercarriage wheels and radar for Kinetic's superb new 1:48 F-16 to a pair of exquisite main UC bays for Eduard's own F6F Hellcat. Fantastic quality as always. **TMMI**

1:48 BRASSIN

- F-16 MLU wheels (648822) for Kinetic
- F-16 exhaust nozzle P&W F100 (648854) for Kinetic
- F-16 radar late (648856) for Kinetic
- F6F wheel bays (648798) for Eduard
- Su-27 ejection seat (648717) for GWH
- A6M3 Type 32 landing flaps (648802) for Eduard
- A-1H (Skyraider) seat (648842) for Tamiya

1:35 BRASSIN

- WWII German towing cables (635027)



100%
NEW
MOLDS

ICM
New in the Best



Kit is best to be used with
ICM acrylic paint set #3021

Ki-21-Ib 'Sally'

Japanese Heavy Bomber

✈ 342 mm
✈ 471 mm
🔗 265 parts

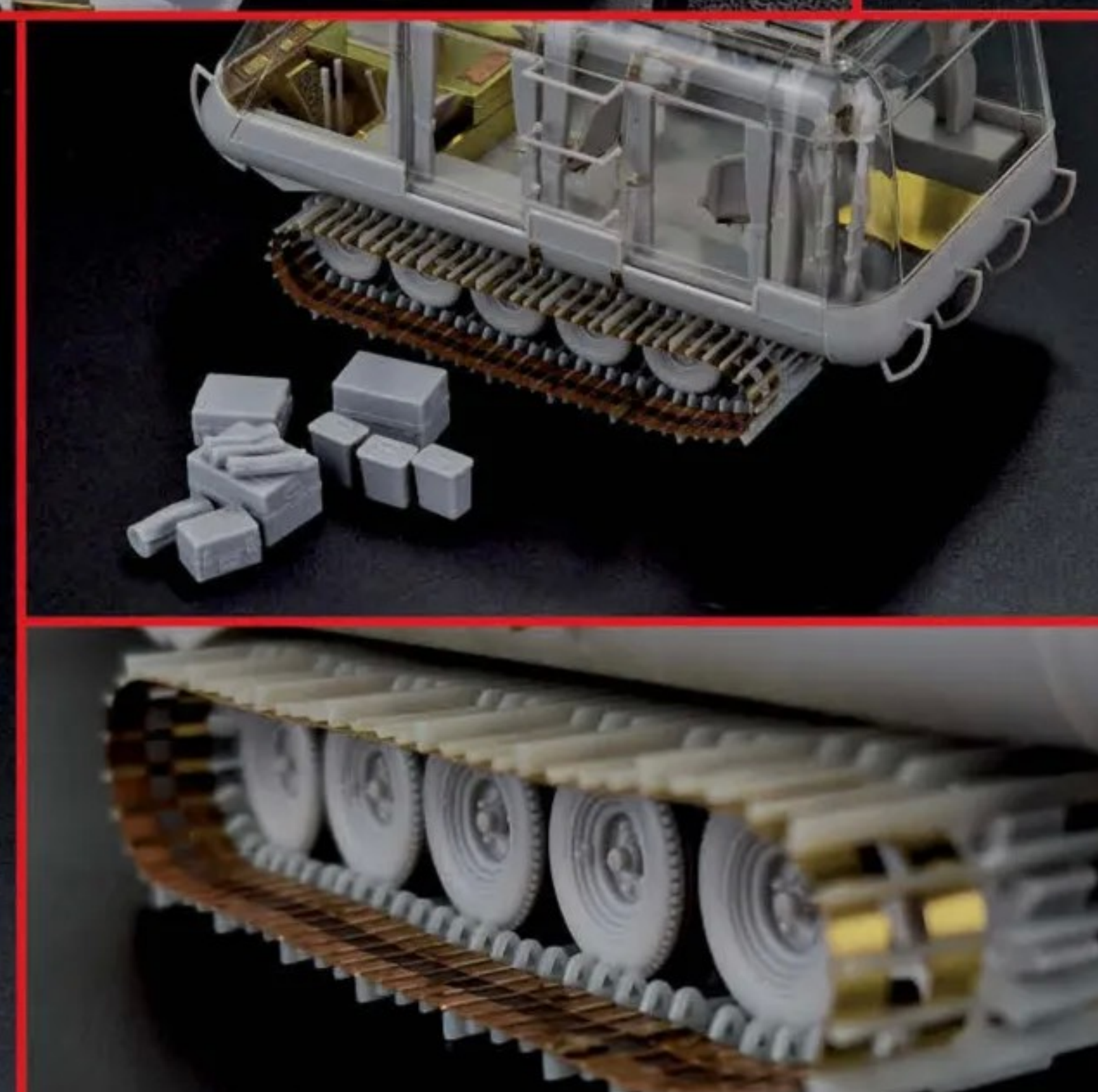
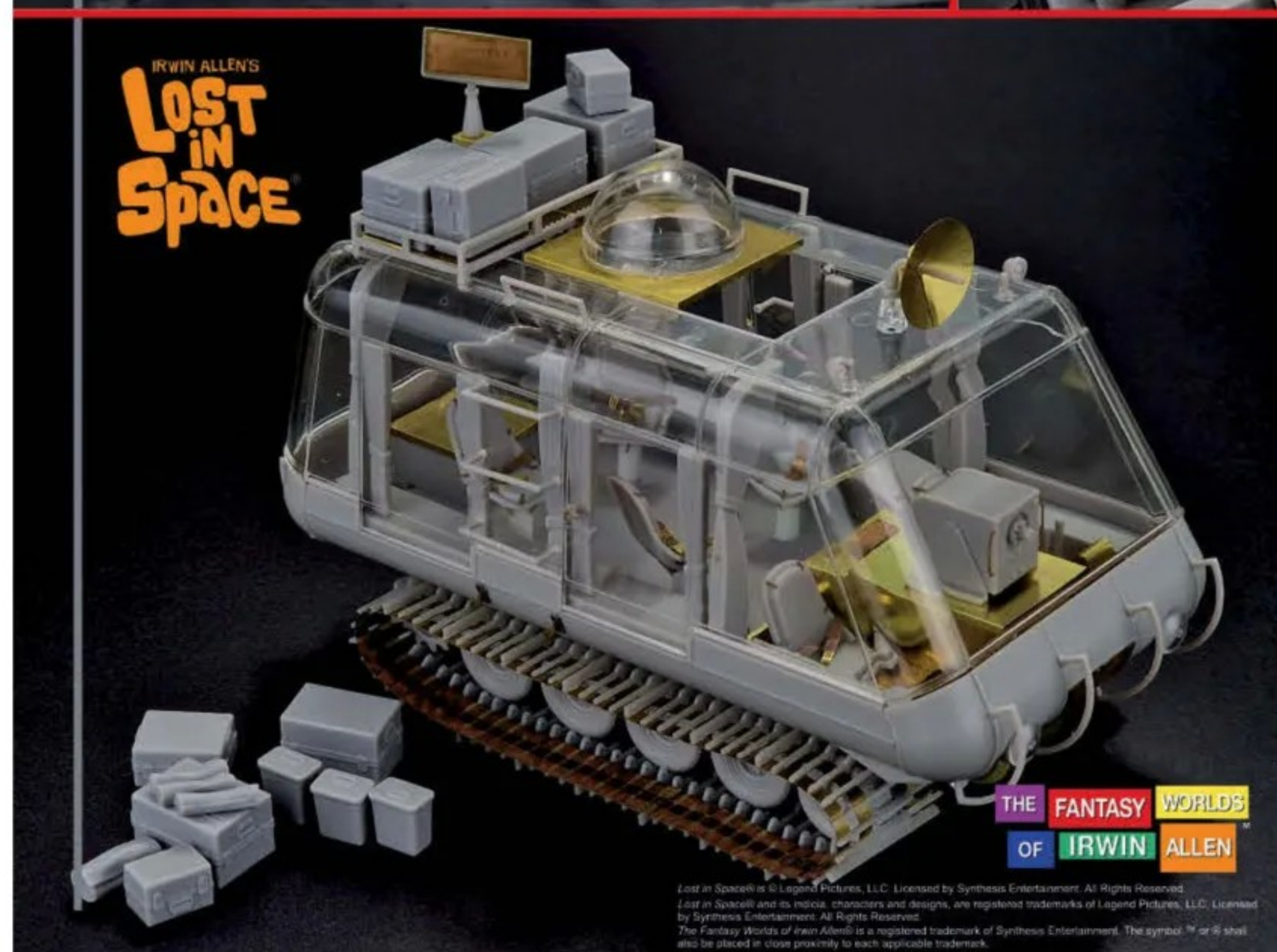
1:48
SCALE

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NEWS 3/2023

THE LYNX

John 'Tigger' Wilkes builds Airfix's 1:48 Royal Navy Westland Lynx HMA.8

Back around 2012, Airfix released this and the army, skid-equipped version (AH-7) of this kit which I built back then for sister magazine Model Airplane International. My thoughts on this kit hold true as with the addition of a few parts the kit is essentially the same as then. I lauded the kit then as a progressive improvement in the design and production with just a few niggles in construction.

This was to be the last true Westland helicopter, built to replace the Scout

and Wasp. The design would adopt several innovative features, the most notable being the BERP blades. This eventually allowed the aircraft to make an attempt on the world helicopter speed record which it has held since August 1976. This has only been beaten by hybrid designs and experimental aircraft, so in my book the record still stands as the fastest production helicopter at 249mph/401kmh, an incredible feat and testament to the design which has stood the test of

time. Somewhere around 450 airframes were built in a number of variants seeing service with some eighteen countries. Many are still doing sterling service to this day with the Royal Navy and British Army, the latter retiring them in favour of the new Wildcat.

As with Airfix's previous incarnations of this navalised version, there are plenty of options and the kit is presented in 296 parts over multiple sprues. Decals by Cartograf, a colour decal placement guide and a fold-out instruction booklet

all presented in a stiff box with an Adam Toobey artwork make this a good starting point.

Throughout the build I wanted to make a fairly clean bird like the ones I used to see flying near my house on a regular basis. Therefore, I kept this clean with minimal extra weapons hanging on the outside. Airfix presents the parts in a light blue grey plastic as well as clear all with plenty of surface detail and rivets represented mostly as raised dome head rivets like the real thing. Strengthening plates are



EFFECT

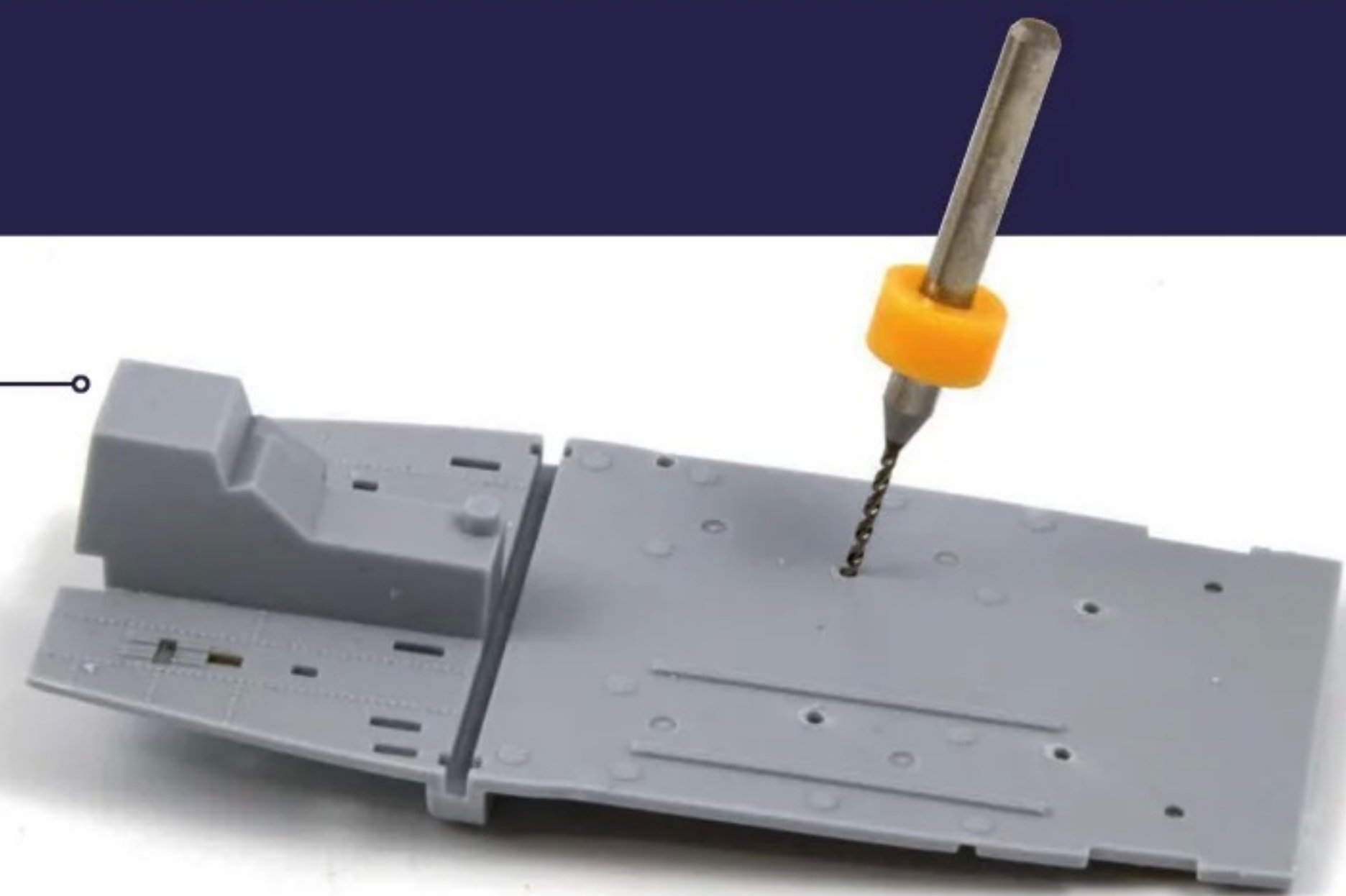
also represented, making the surface of the model quite busy. This relief detail will respond well to colour-washes and weathering. Marking options are:

1. HMA 8 No.815 Naval Air Squadron, HMS Portland, Royal Navy, Royal Naval Air Station Yeovilton, Somerset, England, 2017,
2. MK.88A Marinefliegergeschwader 3 "Graf Zeppelin", Germany, 2018,
3. MK.90B Sovaernets Helikopterjeneste (Danish Navy Air Squadron), 2013.

As with lots of the more recent Airfix range, options for versions and ariel-fit must be decided early on. Where there is a need to drill through (generally from the inside) there's a divot showing where to drill. Options are available for the pilots' seats and the pads include a set of moulded-in harnesses, which are a basic representation only. As we might expect, all of the paint references are to Humbrol paints, but I went with alternatives from Tamiya and AK Real Colors. ▶

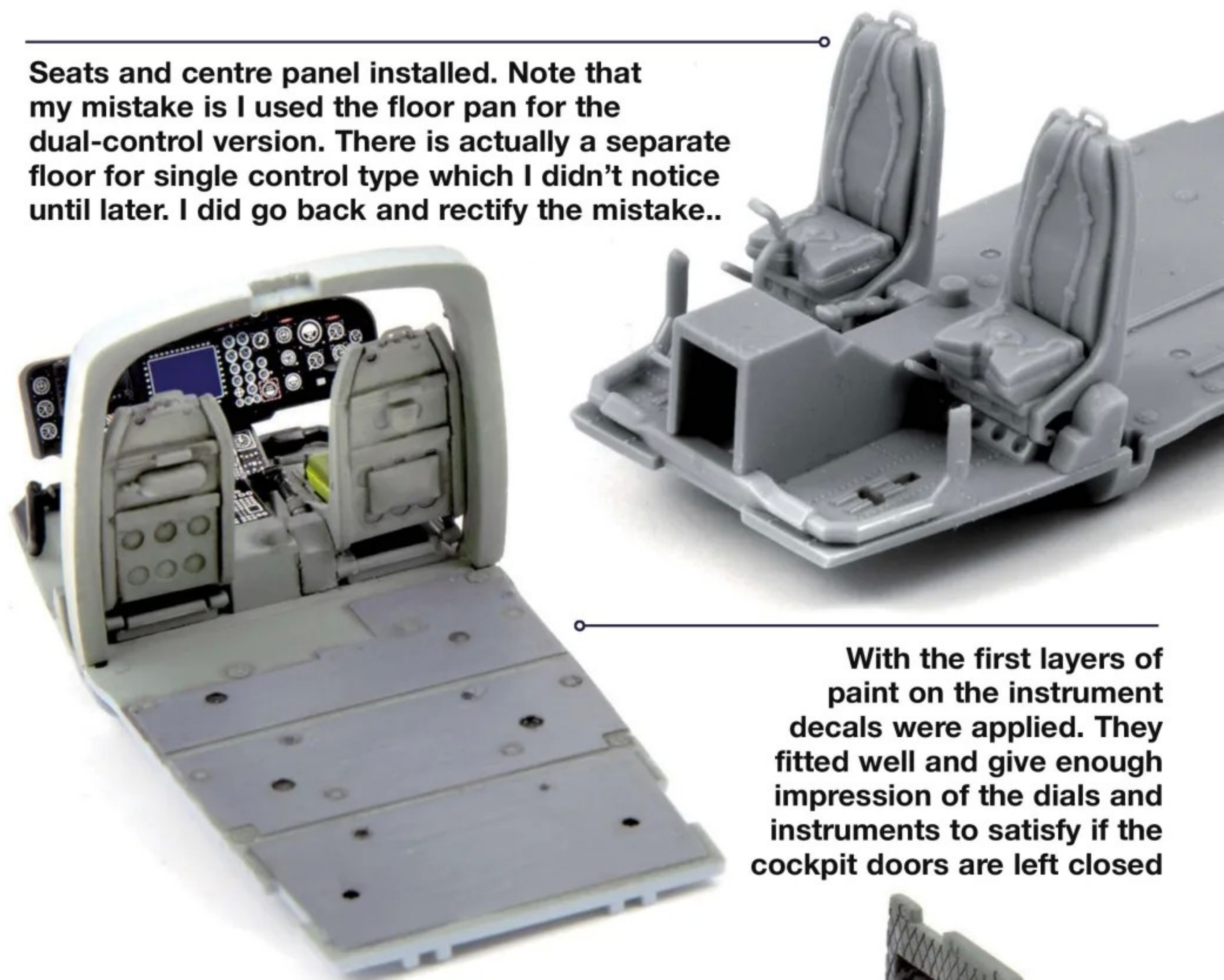


From the outset of this build a choice to which version is required and holes need to be drilled as indicated in the instructions for the specific fit

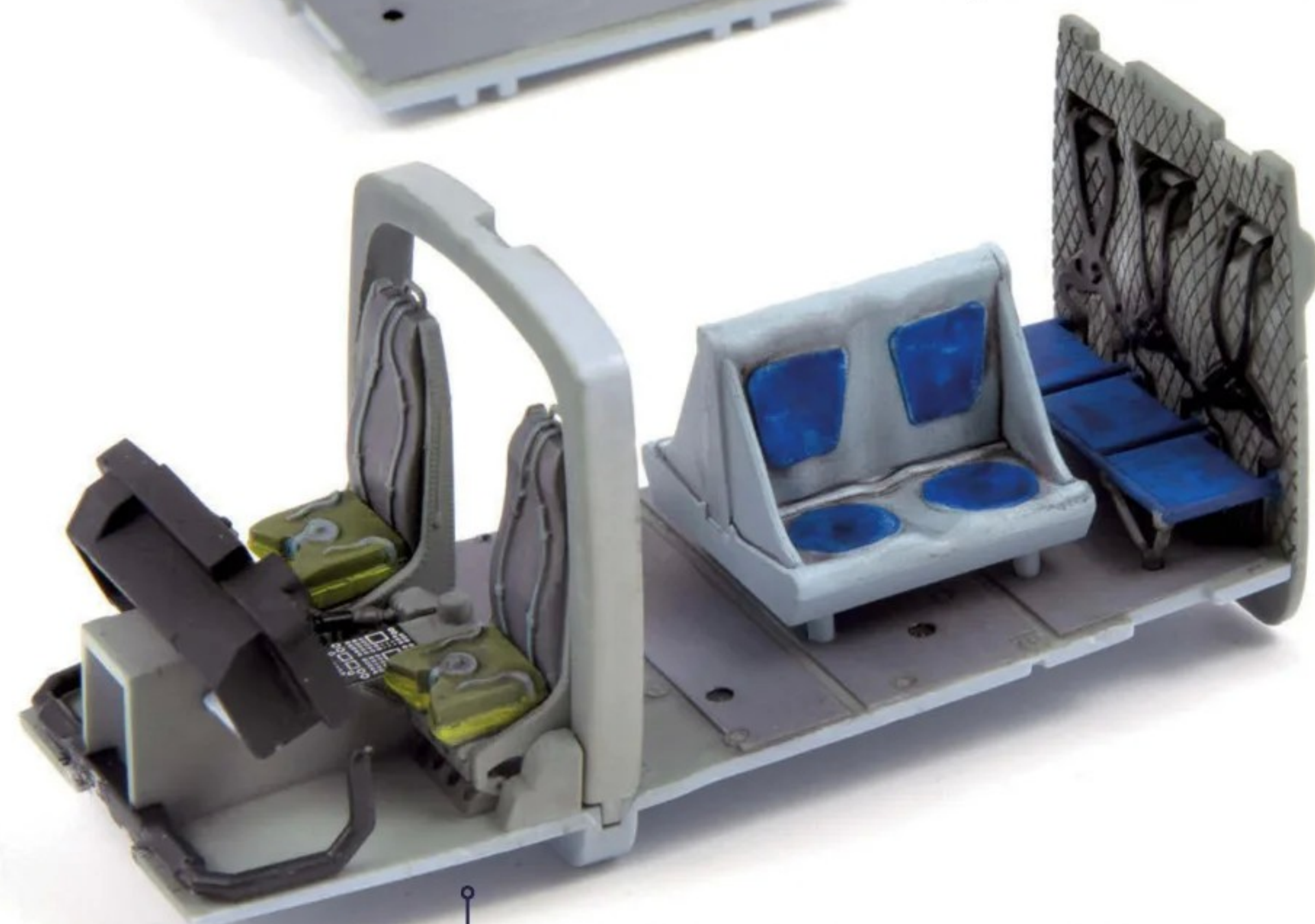


Several options are provided for the sets and here there is a set of belts but nothing for the buckles other than a very basic shape. This isn't a big game changer as most of this will be sealed in, so only a representation is needed

Seats and centre panel installed. Note that my mistake is I used the floor pan for the dual-control version. There is actually a separate floor for single control type which I didn't notice until later. I did go back and rectify the mistake..



With the first layers of paint on the instrument decals were applied. They fitted well and give enough impression of the dials and instruments to satisfy if the cockpit doors are left closed



Some additional colour was applied to the seats and the belts were picked out in an appropriate shade. When fitting the overhead bulkhead, be sure to slightly remove some material at the mating surfaces to get a snug fit. Details were added to the rear cabin and here I kept it nice and simple with the seats and inflatable mid seat only



Within the cabin is some sound-proofing quilting and this is represented within the kit, slightly heavily but note the appearance of it sagging in places which adds a nice touch of detail

FULL-BUILD: MODERN ERA HELICOPTER

AIRFIX 1:48 WESTLAND LYNX MK.88A/HMA.8/MK.90B ● KIT NO.A10107A

❶ INSIDE THE CABIN

On the cabin floor there are raised areas which appear to represent the non-slip coating on the real thing, so I went ahead and painted this a slightly darker grey. Simple decals are provided for the instrument panels and overhead structure and these all settled down with little fuss. From the memory of my previous build of this kit, I could clearly see the mid archway sat a little high so I sanded edges to relieve any over-stressing later on. On this build I installed the minimum seating with the central inflatable seat and those on the rear bulkhead and again, simple painting was enough as when viewed through the windows, little can be seen. Several side and roof panels are then dropped into place and these fitted without any need to remove any material; the tolerances are nice and tight, giving a firm feel to the sub-assembly.

Before sealing the fuselage up there is a need to decide if the rotors are going to be folded. This is because holes need to be drilled for the blade supports. The first of the clear parts to be fitted are the three-quarter lower windows and they simply drop into recesses in the fuselage halves. In this instance, I put them in place then applied a small amount of Tamiya Extra Thin Liquid Cement, capillary action making it flow around the edge.

FUSELAGE HALVES TOGETHER

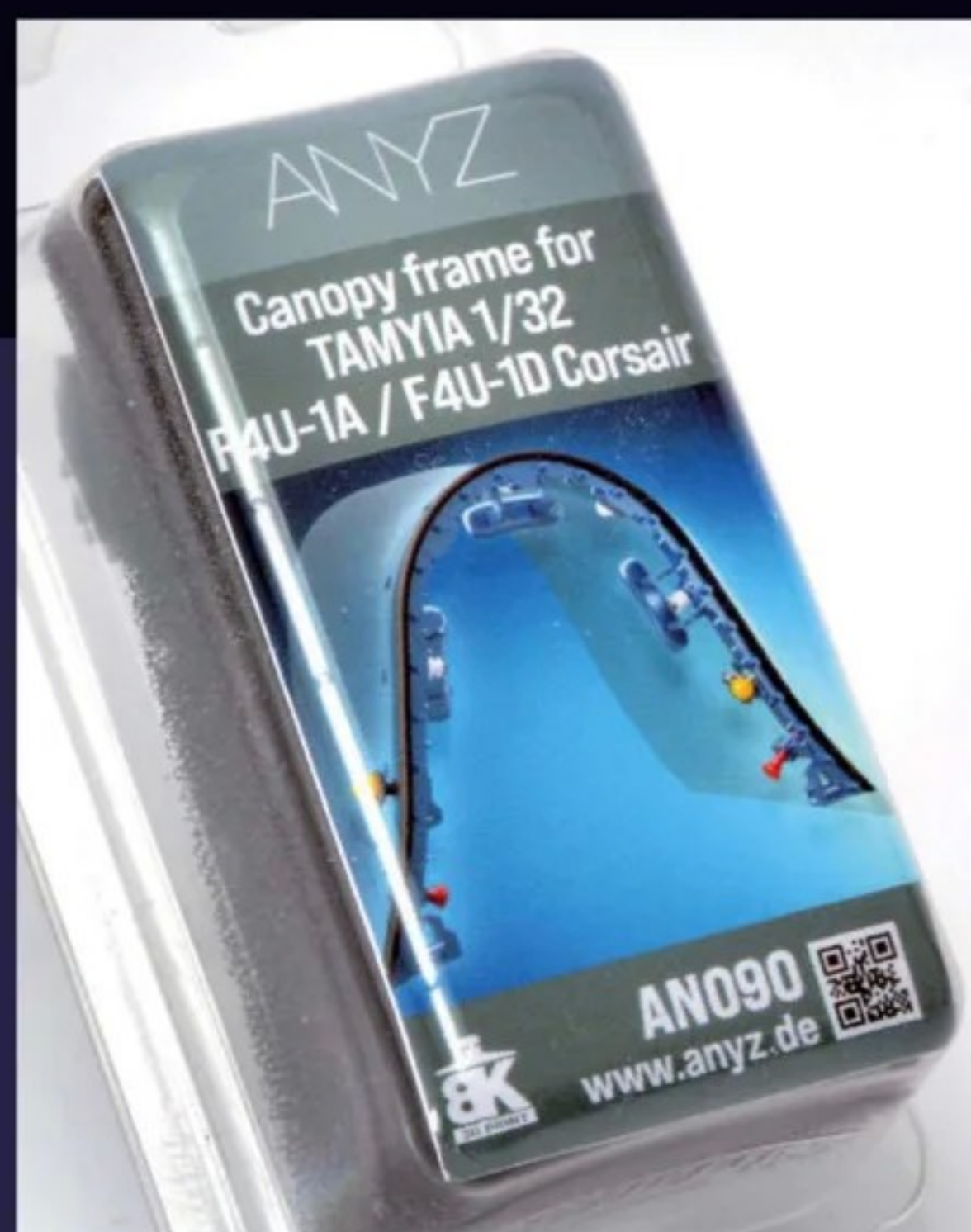
When I built this model before, I remembered that closing the fuselage went without a hitch, but the joints need to be carefully

Some planning assisted with the fitment of the roof and walls as the attachment to the forward bulkhead was aided by it being loose until the roof was in. I kept the cabin unattached until both sides were in place then added cement to fix it in place

The good thing is everything fits well. Before sealing the fuselage, I added the knee-windows which are handed and drop in with a satisfying feel. I edged the clear parts with a black permanent marker to conceal the reflective edge and this makes the clear parts look thinner

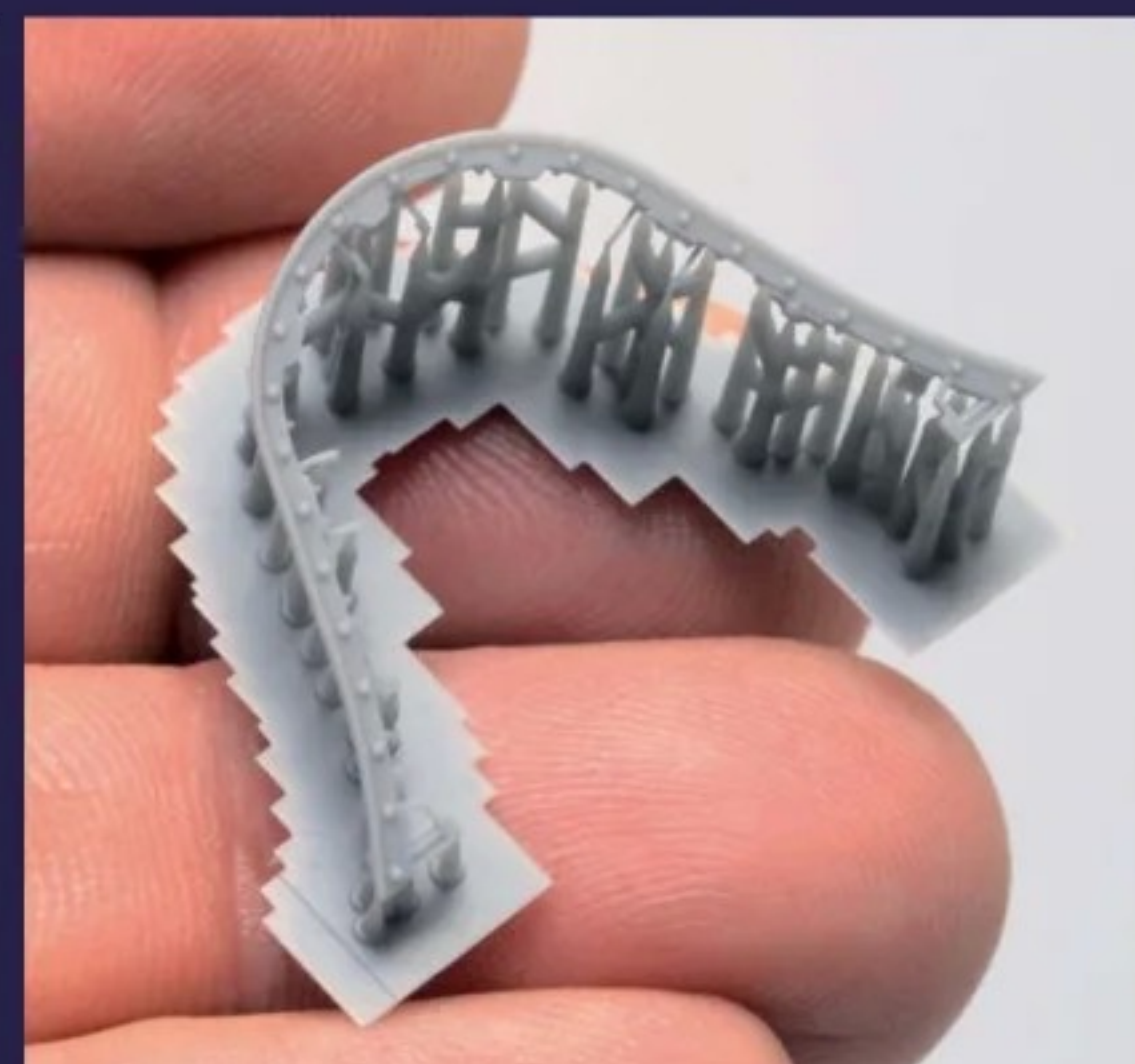
Both of the exhausts need some seams worked on and I cheated by brushing some cellulose thinners over the joint. I also dropped the clear canopy in place to test the fit and as can be seen there were no issues

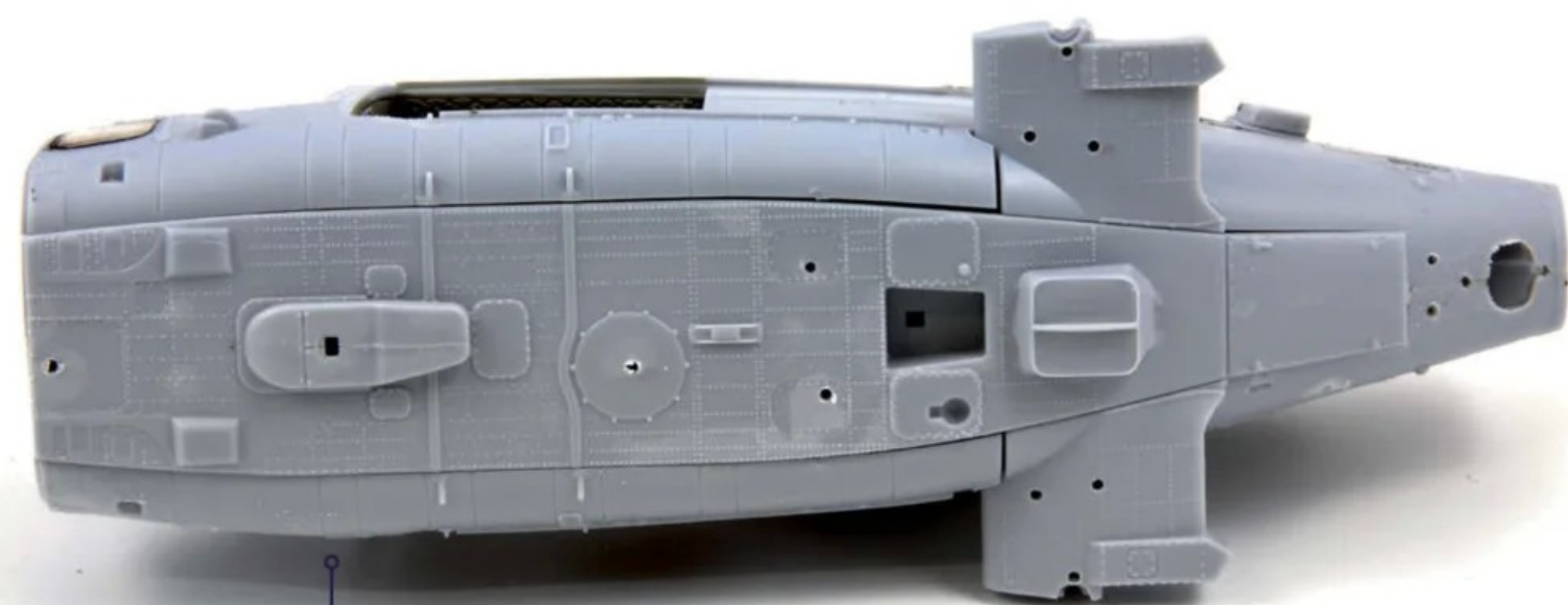
MINI REVIEW...



**ANYZ CANOPY FRAMES FOR TAMIYA
1:32 F4U-1A/F4U-1D CORSAIR (AN090)**
www.anyz.de

We looked at Anyz's canopy frame for Tamiya's 1:32 F4U-1 'Birdcage' Corsair last issue and since then, a second pack has been released to fit Tamiya's F4U-1A/D kit with the more bulbous 'blown' canopy. It's a miniature marvel that will add a delicious dollop of detail to the kit's canopy.





Most of the joint looks worse than they are in reality and again superglue, debonder then Mr Surfacer fixed the issue. By using non-destructive materials the detail is not lost

Build up of the nose is in sections and all of the joints appear to be along natural panel lines. Despite the complex shapes everything fitted with no fuss. I used the fuselage as a jig to align the parts before committing to adhesive

aligned as later there are drop-in sections that could be problematic if not set correctly. When joining up the fuselage I did so with thin glue to weld the plastic then reinforced the joints where I could with medium superglue, set with accelerator. Next are the engines and their associated housings. The way in which these are presented means that they will drop onto the fuselage and providing the modeller has aligned the fuselage, they will fit with no need to adjust them.

Each of the exhaust outlets are split horizontally and in order to disguise the seam, I ran a brush of cellulose thinners over the inside joint. This takes a few passes but it melts the plastic enough to seal the joint without the need for awkward filling and sanding. All of the panels around the engines are a complex set of shapes and they have been captured well. Small seams were filled with Mr Surfacer then any excess wiped away with a cotton bud moistened with isopropyl alcohol. When this dries it disguises the seam and under a coat of paint is not visible. This method also means that no detail is lost especially the rivets which would be a difficult task to replace.

VERSION-SPECIFIC PARTS

For this model to be as accurate as possible and to depict the skid and wheeled versions, Airfix has created a bottom fuselage panel specific to each model, plus a large drop-in rear undercarriage section also. Where this simply slipped

One particular area that I remember from the Army version build was the lower plate not being a great fit. On this model the main gear sponsons are trapped under the bottom plate so I took some time to test fit and trim until I have the best fit possible

On top of the nose is an optical sensor for which a clear part is provided. With the part being hollow I painted the inside of the space a dark grey to disguise the fact it was empty

Attaching the nose section I did the usual round of Mr Surfacer black over the joints. This did two things; it sealed any small gaps and it also allowed me to see where any extra work is needed



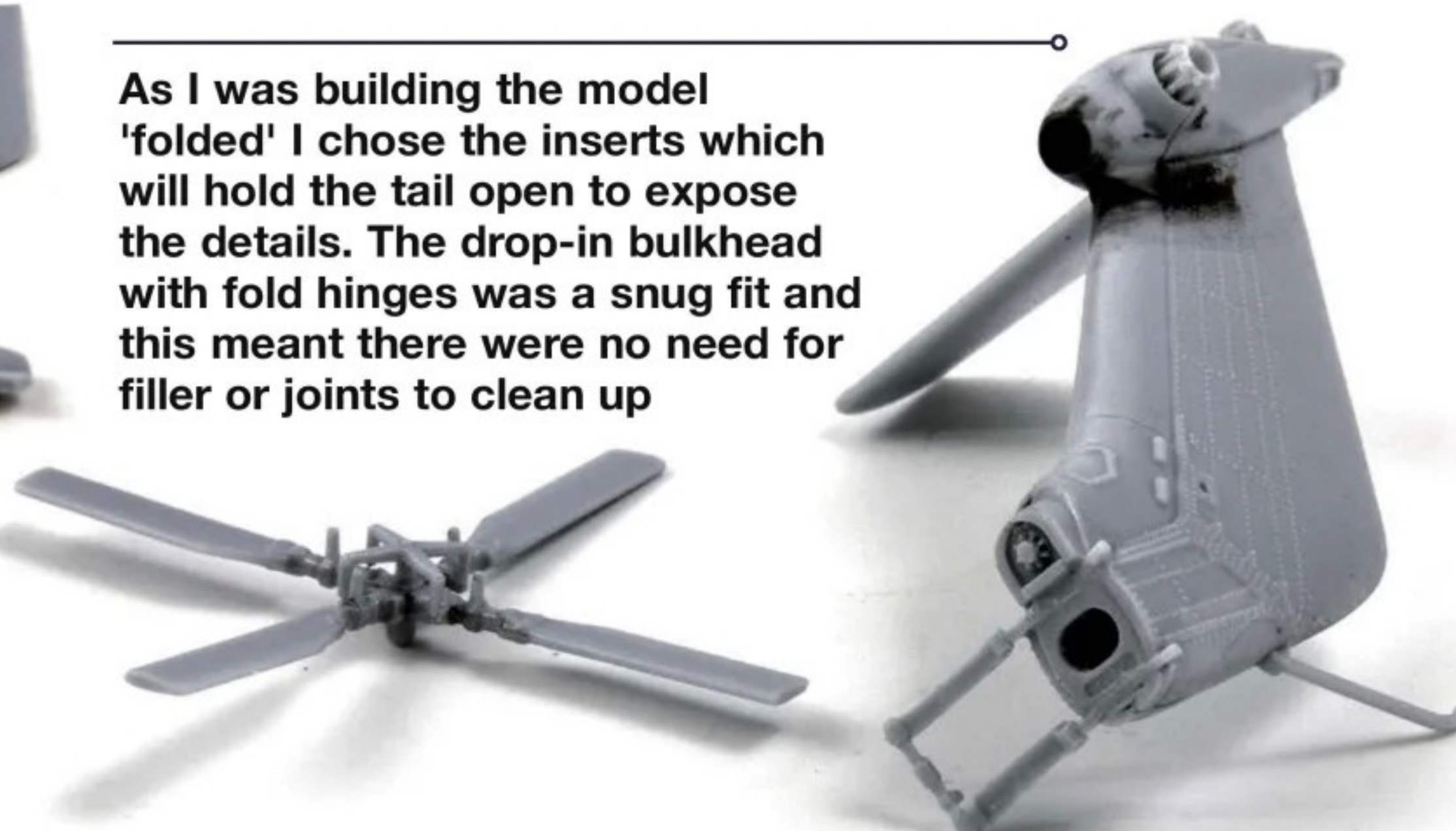
As throughout this kit, rivets are represented as raised and this is very prominent on the tail. Whilst at first glance they may seem heavy, when painted they are not so, and look fine

On the Lynx the rotorhead is a single piece to which several parts attach, just like in the kit. Note the very small slot joints where the rotor blades attach; this was always going to be a fragile spot so leaving parts to harden fully is essential after attaching the blades



The final drive assembly is, as per the rest of the model, a modular construction which all works well. Some light sanding was done after assembly and the joints sealed with thin superglue to blend them away

As I was building the model 'folded' I chose the inserts which will hold the tail open to expose the details. The drop-in bulkhead with fold hinges was a snug fit and this meant there were no need for filler or joints to clean up



❶ the fit was tight time and needed some fettling, but it did go in after some adjustment. Over this goes the belly plate and here I was left with some gaps which would ordinarily mean filling, sanding and the loss of detail. I went a slightly different route by fitting the base, then running thin superglue into the seams, the excess being removed with superglue debonder.

More modular sub-assemblies were to come and the nose with sensors was next. Choices are to be made in direct correlation to the version being built. The cabin doors were next and again there are choices to which version being built. This is made clear in the instructions, so there is no reason to go wrong. Some ejector pin marks are present on the inside of the doors but with a little sanding they became almost invisible. Yet more choices are needed on the tail boom and here I was intending on having the rotors folded so followed the instructions where to drill holes. This sub-assembly slotted into place and just needed to be firmly held in position until the glue had set. The fit was good with no need to fill any gaps.

MIRRORED UNDERCARRIAGE

When building the main landing gear, it's worth noting that the legs are identical both sides. This means that on one side the scissor-link is at the front and on the other it's at the rear. I guess it means that replacing a leg is just one part. When under load, each appears to be canted out to 45 degrees and this allows the aircraft to rotate when on a ships deck.

Lots of little parts are fitted now and this makes the whole model somewhat delicate, as they stick out all over the place. Under the tail is a dustbin-shaped device which I believe is part of the ECM fit. This part and its associated fairing did not fit well and some major adjustment was needed to get it to sit correctly. Lots of little aerals adorn the model and there are plenty that are type-specific, which again are drawn to the attention of the modeller for each version. Weapons for this model come as standard Mk.11 depth charges, Sea Skua missiles and a pintle-mounted machine gun. As mentioned previously, I went with a clean machine.



With the main rotor head assembly complete, which I left for a couple of days to fully harden. I had visions of the small joints splitting under their own weight but fortunately this was not the case and the rotors were cradled by the supports, fitted later

CLEAR BLUE PANELS?

Before attaching the windscreen, I went ahead and painted the overhead panels in clear blue. This, it transpires, is actually an illusion, with the reflected sky making it look blue (in the reference I used). In fact – as I later found out – the overhead panels should be a grey tint, akin to Tamiya X-19 Smoke. With everything in place, some sealing of the clear parts' edges was achieved with Mr Surfacers 500.

After masking, I did the same as I did with the original kit on the intake grilles. After painting the frame, I ran a fresh knife blade over the clear area in a mesh pattern which was later rubbed with a silver pencil; the results are as good as can be achieved from the box.

Airfix helpfully supplies a set of folded, as well as extended rotors. This all attaches to the main rotorhead, which on the Lynx, is a rigid structure. All of the blades were cemented and allowed to set before final attachment. When mounting the folded set you will have the option of using a set of blade support which fit into the previously-drilled holes, ensuring the weight of the blades is not taken through the fragile folded joints only. I left them off until after painting and when installed they actually make the whole assembly quite rigid.

Constructing the tail is a simple affair with nothing to catch the modeller out; there are decals for the blades but they are too short to fully wrap around these parts, so

Almost complete, with aerals and undercarriage fitted. Whilst the black around the joints looks ugly, this assists in identifying and rectifying any issues before paint is applied

Apart from the windscreen wipers and the fold supports, this is essentially the model complete. I kept the rotor and wheels loose to attach after painting them individually



some paint was needed to fill in the gaps. A large hinge is provided to mount the folded tail and this was a tight fit, so some material may need to be removed to get it to sit in fully. With this the main part of the build was complete and painting could proceed.

TIME FOR PAINT!

Masking was done with a mix of Tamiya and Kip fine-line tape, by laying down the strips then cutting to the edge with a new scalpel blade. After a wipe down with alcohol to remove finger grease and other contaminants I dusted on a light coat of Mr Surfacer 1000 thinned with cellulose thinners, which revealed any snags that needed rectifying. Next was a coat of AK Real Color RC289 RAF Medium Sea Grey, also thinned with cellulose. This paint has a good coverage and a slight satin sheen. One of the things I like is that they seem to go a long way when thinned. Over of this was sprayed a coat of Tamiya X-22 Clear which, once on the model, then received a dusting of cellulose thinners which makes everything level with an even sheen.

Decals next, and no issues were encountered. A sealing coat of the same clear varnish aids with hiding the edges of the markings before the first round of weathering was applied. I made a dish of thinned Humbrol Matt 27 Dark Grey which was run into all of the detail, accentuating everything. The excess was removed with a white spirit-dampened kitchen towel. Small details were then picked out with various Vallejo paints and once dry, a coat of a satin varnish was dusted over the model. ▶

In order to give some depth to the details and rivets, I applied thinned Humbrol 27. After about thirty-minutes it was dry enough to remove the excess with kitchen towel dampened with white spirit



As I didn't have the luxury of a ready-made set of masks, I applied various Tamiya and Kip Tapes with some sections cut into small lengths to follow curves. The open sliding door on the other side was filled with a piece of sponge to stop overspray from entering

My favourite primer is Mr Surfacer 1000, thinned with cellulose thinners and sprayed at a low pressure. This assists in finding any spots that needed remedial work before the final colour could be applied



Once the top colour had been applied it was given a sealing coat of Tamiya X-22 Clear. To get a smooth coat it's simply a case of applying a thin layer then whilst still drying then lightly airbrushing neat cellulose thinners over the model



Once the decals had been applied, a second clear coat sealed them into the surface, which also takes away the matt finish of them as well as helping to hide any edges. All of the markings worked well although the tail rotor blade markings were a little under-sized







◀ FINAL THOUGHTS

This essentially meant the model was complete. This is the only 1:48 injection-moulded model of the Lynx and due to the fact that both versions can be achieved from the original kit parts, there are some compromises. Only one version can be built from the kit as they are orientated to the specific version. Airfix have done a good job of this kit to get the most out of it. Although it is some years old now, it still holds up as a good representation of this aircraft. Some small issues with the build can be negated by careful construction, forward planning and dry fitting. With the advent of the new Sea King, kit my fingers are crossed that

they also get around to a Wessex and Wildcat in 1:72 and 1:48 in the fullness of time. A commendable kit but not up to the current high standards set by Airfix, but a reasonable kit nonetheless. ●

TECHSPEC...

AIRFIX 1:48 WESTLAND LYNX MK.88A/
HMA.8/MK.90B KIT NO.A10107A

Materials:

Injection-moulded polystyrene, waterslide decals

Paints used:

- AK Interactive: Real Color RC289 RAF Medium Sea Grey
- Tamiya Acrylics: X-22 Clear
- Humbrol Enamel: Matt 27 Dark Grey
- Vallejo Acrylics: various

Availability:

Airfix models and materials are widely available from good model shops and online. www.airfix.com

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New Releases

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What's in the box?

AD; ACETATE DIALS, AP; ACRYLIC PAINT, CC; CAST CERAMIC (PLASTER), CMA; CAST METAL ALLOY, CP; CHROMED PARTS, CPS; CLEAR PLASTIC SHEET, DT; DRY TRANSFER (DECALS), EM; ELECTRIC MOTOR EPS; EXTRUDED PLASTIC, MR; METAL ROD, MT; METAL TUBING, MW; METAL WIRE, NM; NYLON MESH, PB; PAINT BRUSH, PCM; PRE-CUT MASKS, PE; PHOTO ETCH, PEBM; PHOTO-ETCHED BADGES/MIRRORS, PMP; PRE-ASSEMBLED METAL PARTS, PS; PAINT BRUSH



TAMIYA, JAPAN LANCIA STRATOS TURBO

www.hobbyco.net www.tamiya.com

SCALE: 1:24 • MATERIALS: IM, SVT, WS • ITEM NO.25210

Tamiya have a rolling programme of re-releases as we have seen with the much-appreciated re-emergence of the M16, M3A2 and M21 US WW2 halftracks (Editor's Page, this issue). The re-issue cycle has brought up some real classics, of which the 1977 1:24 Lancia Stratos Turbo is a prime example. This wedge-shaped motoring icon must surely rank as one of the most instantly recognisable cars ever; its wide, louvred nose and microscopic cockpit made all the more striking by the Alitalia green and red slashes and postbox-red wheels of this version. The kit was created at a time when motorisation was an essential factor of model car's potential success, so the chassis/floor plate is designed to accommodate an electric motor, batteries and switch. None of these parts are provided now of course, because tastes have turned more to static replicas which is entirely understandable, but not as much fun in this reviewer's humble opinion! One very positive aspect of motorisation was working steering (non-scale of course) that employs a tie-rod with indents that allow the front wheels to be set varying angles of steer. The cabin is bare-bones, not unlike the real Stratos, with a racing seat, steering column and wheel (plus indicators), fire extinguisher, dashboard, rear-view mirror (who needs one of those when driving this little rocket?) and little else. Another appealing vestige of the kit's motorised DNA is the provision of a driver figure (a powered model would be a little terrifying if no driver were present wouldn't it?) and he/she is a nicely detailed and fun addition to the model's cockpit. **TMMI**

+ Wonderful subject, still-superb Tamiya quality, lovely new decals, driver figure

- Undersides are a little basic, but that's no big deal

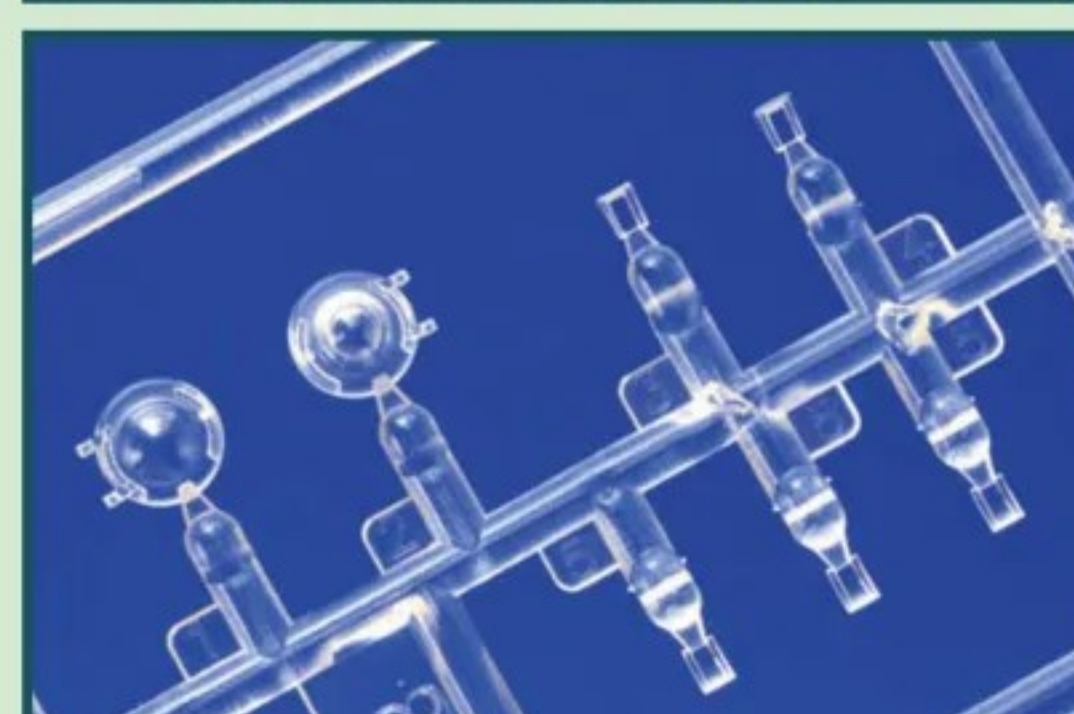
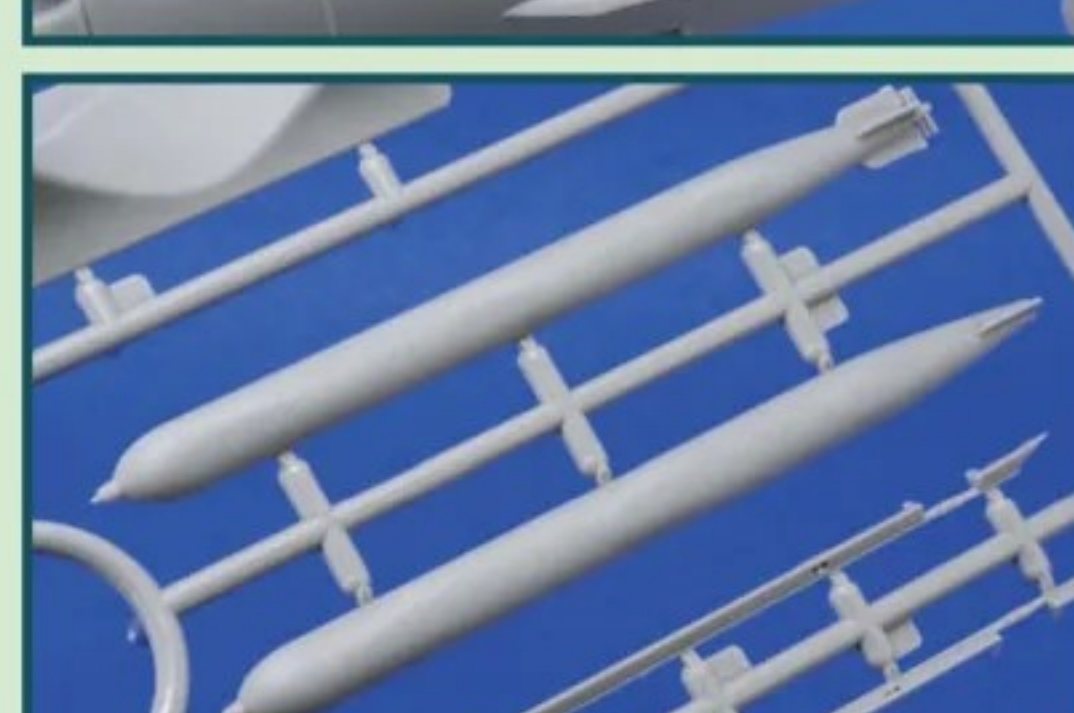


ICM, UKRAINE U-BOAT TYPE MOLCH WWII GERMAN MIDGET SUBMARINE

www.icm.com.ua www.hannants.co.uk

SCALE: 1:72 • MATERIALS: IM, WS • ITEM NO.S.019

The World War Two German Navy's 'Molch' (newt) was a single-seat midget-submarine, designed for operations in the coastal zone and belonged to the Kriegsmarine's so-called 'special assault forces'. During development, it was designated as 'Thomas II' with production of serial models known as 'Molch' beginning in July 1944. It was equipped with a single electric motor for surface and underwater operation which limited its combat capability. It could dive to sixty metres with a maximum submerged speed of five knots. The Molch was built at the Deutsche Schiff-und-Maschinenbau Aktiengesellschaft (abbreviated to Deschimag) in Bremen and a total of 393 examples were completed. ICM's recently-released 1:72 Molch is a new kit for 2023 and arrives in a compact box containing one sprue of grey polystyrene, one in clear plus a small rectangle of waterslide decals that carries markings to complete one of four schemes on offer. The diminutive, 143mm-long hull is split in half lengthways, as are the two torpedoes with which this dangerous little sub was armed. Inside the hull we have a rudimentary 'cockpit' which was really just a set of very basic controls shoehorned between the buoyancy tanks. It must have been a terrifying ride. Control surfaces, propeller 'cone', periscope, and torpedo rails are then mounted to the hull and that's about it. Detail is excellent throughout and little if anything extra will need adding, leaving the modeller to bring their Molch to life with paint, a little weathering or even a dockside diorama. **TMMI**



+ Fascinating subject, excellent detail. Display stand included

- A figure would have been a nice addition, to suggest the scale of the model

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, EUROPE THE MANDALORIAN RAZOR CREST

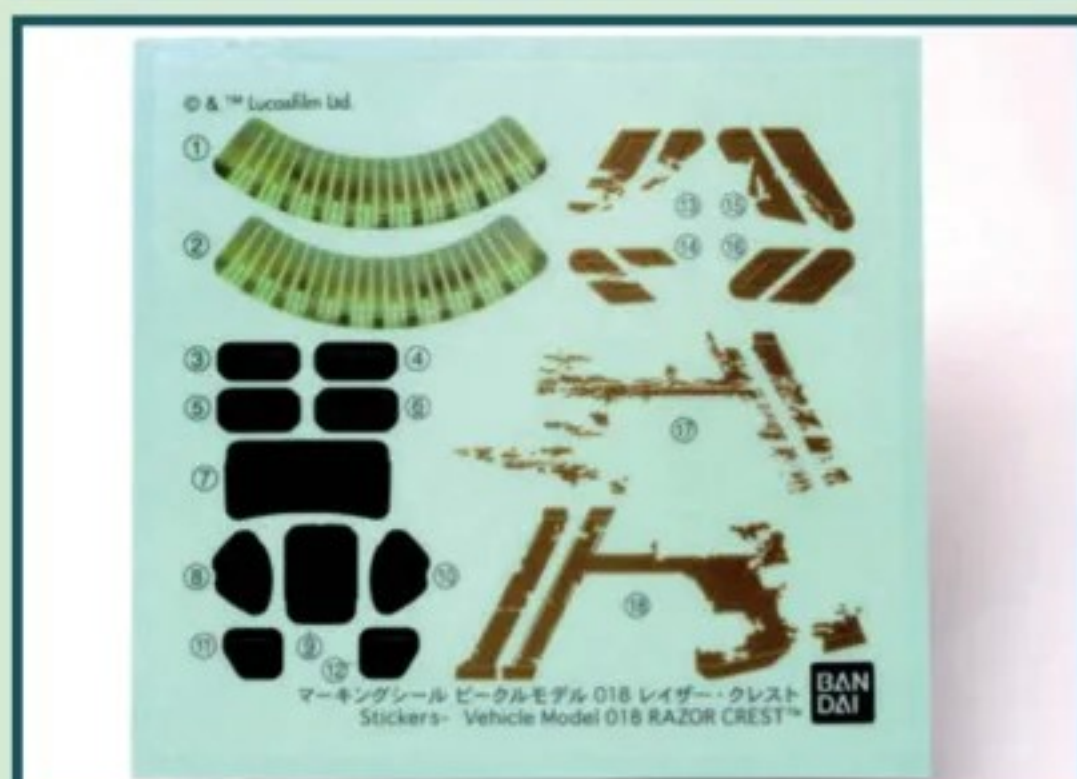
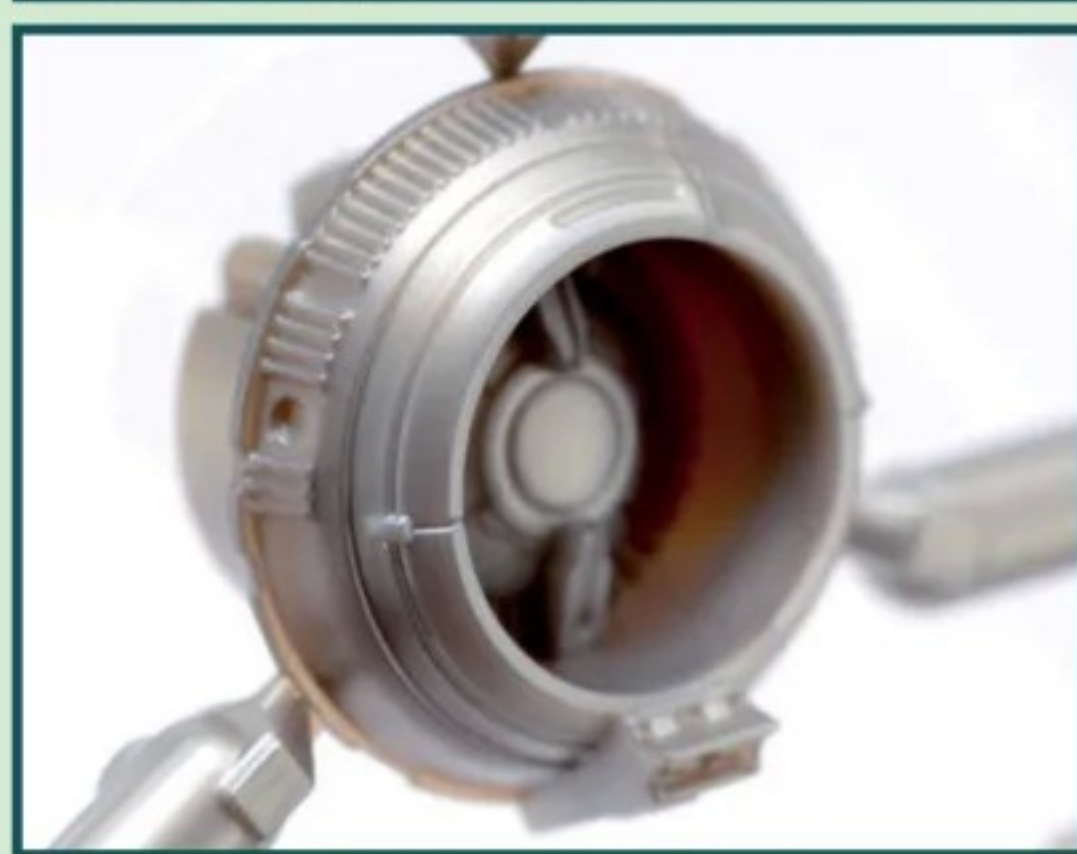
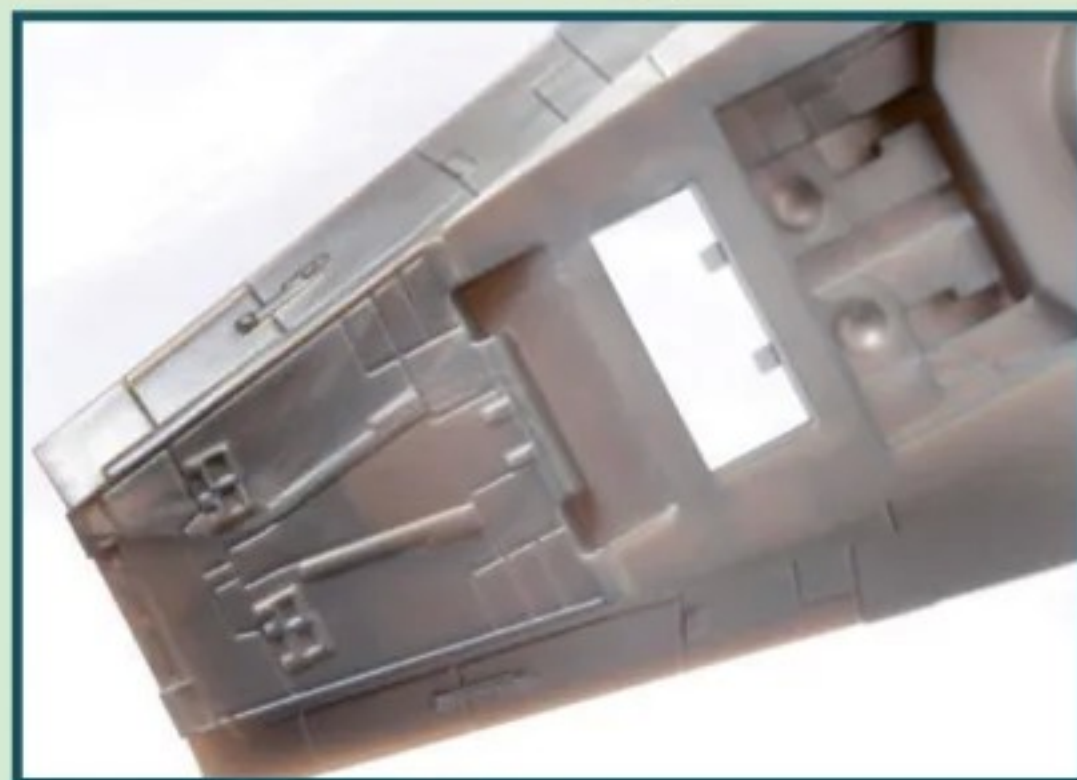
www.revell.de

SCALE: 1:144 • MATERIALS: IM, SAS • ITEM NO.01213

Bandai's rendition of the 'Razor Crest' starship from the Disney+TV show 'The Mandalorian' was one of the earlier kits of this now-classic Star Wars-universe spacecraft to be released and modellers hungry for a miniature of this pugnacious vessel no doubt snapped it up keenly when it was released. Upon delivery of their purchase, the same modellers might have been taken aback by the model's diminutive stature; the box measures just 190mm X 150mm and inside, the Razor Crest's mere twenty components (plus three for the display base) are carried on just two sprues of metallic grey, injection-moulded polystyrene. The detail is very nicely done, raised and recessed in appropriate measure and being Bandai it is sure to fit together like a dream. The fuselage is formed from two halves as is the upper 'wing'. The engines are again in two halves each, with intake/exhaust nozzles moulded individually. Construction will take less than an hour and the model could be left unpainted, but will look better under a layer of metallic paint and some suitably battle-damaged weathering. Markings come as self-adhesive stickers, which are commendably thin and should look acceptable under a layer of flat varnish. What might not be quite so easy to swallow for many Mandalorian modellers is the kit's price – around £25 to £40 depending on where you look – which is seems a tad excessive for such a 'compact' little thing. Good on Revell for bringing this nice little model to a wider audience, but their stunning 1:72 'Crest is better value.

TMMI

- + Excellent detail, Bandai's famous fit of parts, pre-colour plastic for those who don't want to paint
- It's quite small!



REVELL, GERMANY UNIMOG 404S

www.revell.de

SCALE: 1:35 • MATERIALS: IM, WS • ITEM NO.03348

The Unimog 404 began production in West Germany in 1955 and the factories churned out 64,200 of this type until ceasing in 1980. As such, this powerful 1.5ton truck was frequently found whenever 4x4 cross-country performance was needed and these vehicles served in rescue services and the Fire Brigade. The Bundeswehr took 36,000 of these vehicles and the French army took another 1,100. The trucks were built with a conventional cab or with a 'cabriolet' soft-top cab and the latter type with a canvas roof is what we have in this kit from Revell. The kit is a re-box of the ICM kit 35135 released a year ago and the Revell issue is completely identical except for the decals. While the kit is superb, with every detail perfectly captured, the decals are in fact a weak point, with only two options, both Bundeswehr vehicles from 1961 and 1975. Given the wide use of this truck in many roles and in many areas, the limited choice is disappointing. However, this should not remotely put off any modellers, because the kit from ICM/Revell is superb, with every aspect finely moulded and accurately represented, with no flash. The resulting model is a perfect rendering of the little Unimog and with a little research can be painted to be in many of the African 'Bush wars' as well as different European locations. **CLS**

- + An accurate model of a vehicle found in many theatres and very widely used
- Decal options are rather limited, providing just two Bundeswehr options within West Germany



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Kit Reviews

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MINIART, POLAND

D8532 MOD.1950 GERMAN TRAFFIC TRACTOR

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

SCALE: 1:24 • MATERIALS: IM, WS • ITEM NO.24007

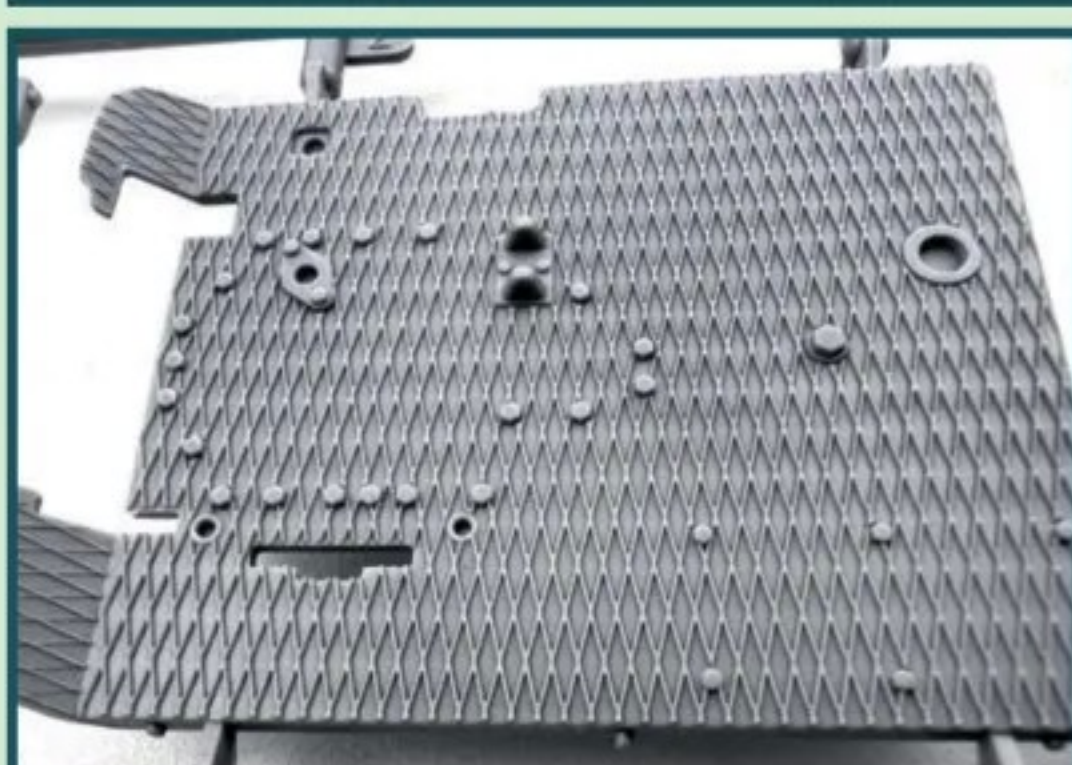
The Lanz Bulldog was a pugnacious little tractor which proved ideal for German farming needs and some 220,000 were produced between 1921 and 1960. The engine of these tractors had one low-compression cylinder, horizontally arranged and using a 'hot bulb' on the front which heated the fuel. The engine was inefficient, but had few moving parts and could take a variety of low-grade fuels. By the 1950s the Bulldogs had lost their huge vertical exhaust pipe and instead the exhaust ran under the body, cutting pollution but also cutting ground clearance! The Lanz factory had a number of standard paint colours and this kit offers red, green, grey and blue options. It was called a 'traffic tractor' because the rubber tyres allowed it to be used on highways. This kit is unusually in 1:24 and is simply a scaled up version of kit #38041 in 1:35. It is identical in every way to the earlier kit, but the larger 1:24 gives a lot of options for weathering as the larger surfaces will take interesting scale effects. The quality of moulding and precision of detail are superb, despite being scaled up from a smaller kit and none of exquisite features are watered-down by being larger, which says much about the standards achieved by MiniArt. Altogether, this is a lovely post-war war was used throughout West Germany and in other European countries outside the Soviet Bloc and this model would be an eye-catching item in a display. **CLS**



Great detail and a very interesting subject for 1950's agriculture



Choosing 1:24 is a great idea, but we need more models in this scale



ICM, UKRAINE

URAL-4320

www.icm.com.ua www.hannants.co.uk

SCALE: 1:72 • MATERIALS: IM, WS • ITEM NO.72708

The URAL trucks have been widely used by Russian and other allied armies since their production began in 1977. Indeed, this large truck has been widely seen in the invasion of Ukraine by Russia, being used on both sides. There have been numerous photos of wrecked Russian trucks of this type, but this version represents a Ukrainian vehicle. This kit by ICM, in their 'Brave Ukraine' series, represents a standard cargo version (with a capacity of 4.5 tons off-road), although the truck type can form the basis of countless other versions. The kit is moulded in two colours; black for the chassis and grey for the upper parts. Typical of Russian-produced vehicles, the chassis would indeed be painted with protective black paint. In this kit, the cab is a beautiful one-piece moulding (pictured right) and the wheels are made in two halves to allow a perfect representation of the tread pattern on the tyres. The paint scheme for the bodywork would normally be green with a digital camouflage pattern and ICM have provided the modeller with decals for the elements of the digital pattern, enabling the builder to accurately portray the current and the 2021 pattern of camouflage. This is a tremendous help and results in a really striking appearance in 1:72 scale. **CLS**



Very clever decals for the complex digital pattern camouflage



Impossible to think of improvements other than alternative camouflage patterns!



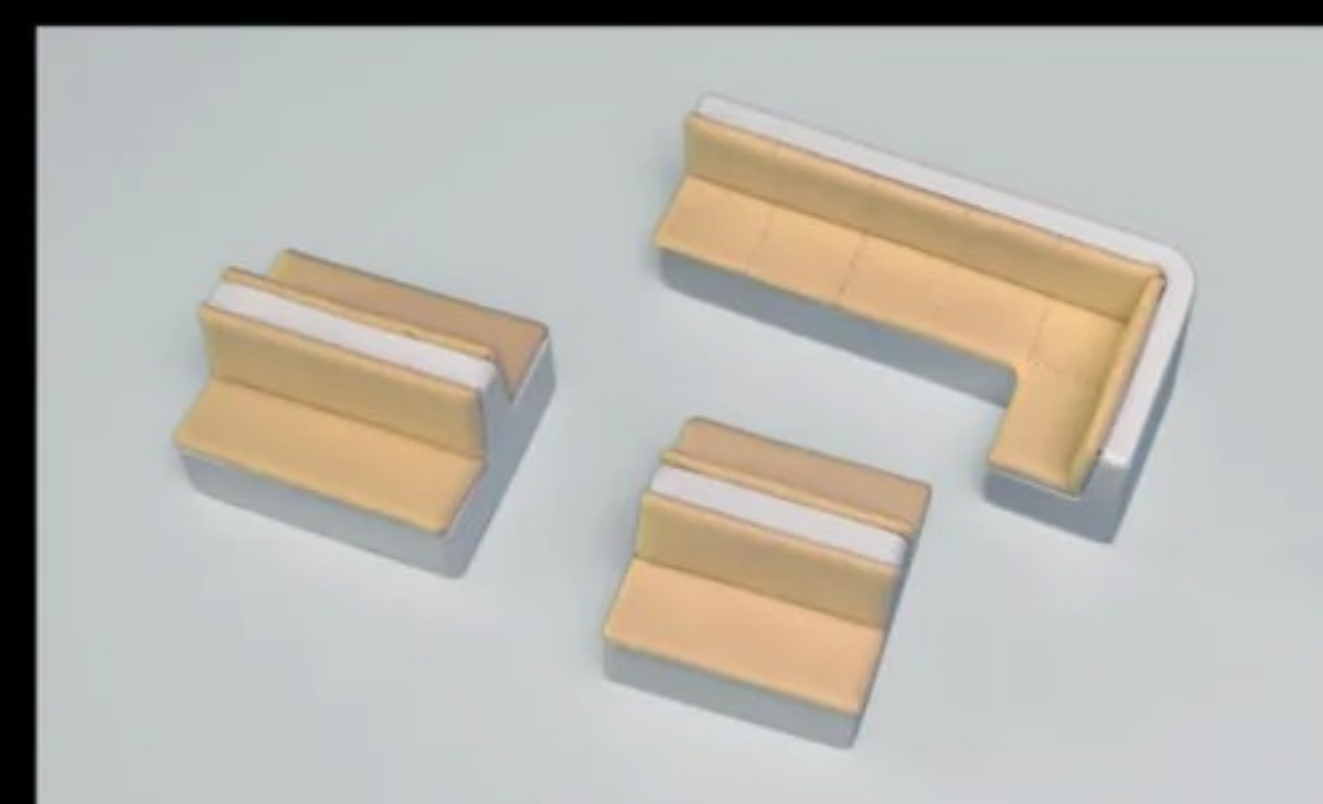


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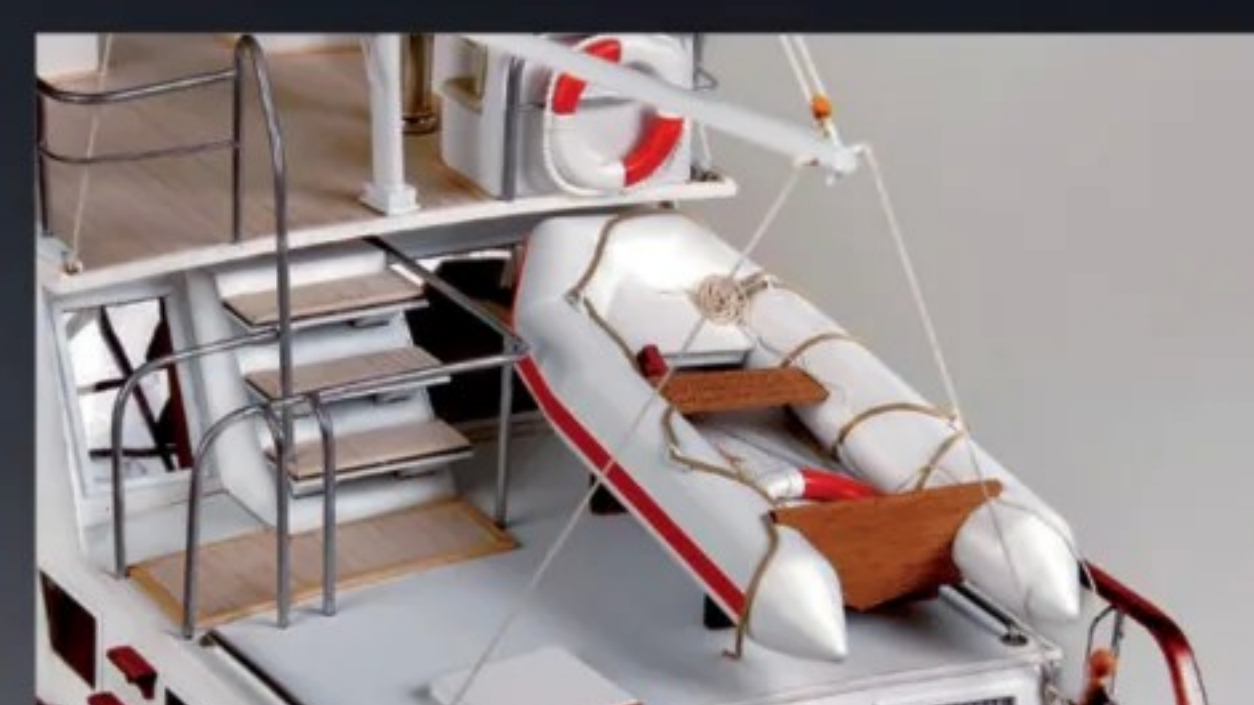
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THE 56TH FIGHTER GROUP IN WORLD WAR II
NIGEL JULIAN, PETER RANDALL, AK INTERACTIVE
www.ak-interactive.com

Once in a while we receive a genuinely outstanding book for review here at TMMI, one that really is geared for the modeller from conception. This was very much the case with this hefty tome from AK Interactive which chooses the WW2 US 56th Fighter Group as its subject. Instead of a traditional, linear account of this unit, the book is broken down into chapters on individual aircraft – the mighty Republic P-47 Thunderbolt – using wartime photographs and colour profile illustrations to provide as much insight as possible, making it readily accessible to the modeller as they gather as much information on the aircraft they are



building and putting it all in one place. AK Interactive has used very high quality, glossy paper in this production and this allows the stunning images to really sparkle, particularly the original Kodachrome colour photos (none of those often questionable colourised images) which are fantastic and a real inspiration. The publishers have done an excellent job of colour reproduction here, optimising the photos to look as natural as they can, offering some genuinely useful colour – and weathering – references. As a bonus in this edition of the book, a set of Cartograf-printed decals is included, covering Thunderbolts depicted inside. Very highly recommended. **TMMI**



F-14 TOMCAT IN ACTION
DAVID DOYLE, SQUADRON/SIGNAL PUBLICATIONS
www.daviddoylebooks.com www.adhpublishing.com

Made globally famous by the movie Top Gun starring Tom Cruise, the F-14 Tomcat was designed to replace the F-4 Phantom in US Navy service, and it remained in this role from 1972 until 2006, when the Tomcat was retired as being too expensive for the post-Cold War environment.

The F-14 saw a great deal of action in combat and peace-keeping roles, and this aircraft was a very visible sign of USN power projection. The F-14 was sold to Iran in 1973, with 79 aircraft being transferred in times when Iran was seen as a key ally against Russia. A few years later, they were firm enemies! This book from David Doyle covers the various versions of the F-14, showing the appearance and colourful markings of this type. The book includes six colour profiles to provide full details of the appearance. Several sets of drawings illustrate the minor differences in particular areas of the airframe, and these alongside close-up shots will help with accuracy of models. In 88 pages, this A4 book provides the essential details and a mass of photos, so that the reader has enough detail to know about the Tomcat and its use. A modeller may want multiple views of the same aircraft, but for general reading, this book is simply superb. Highly recommended for modellers, aircraft historians and Tom Cruise fans! **CLS**



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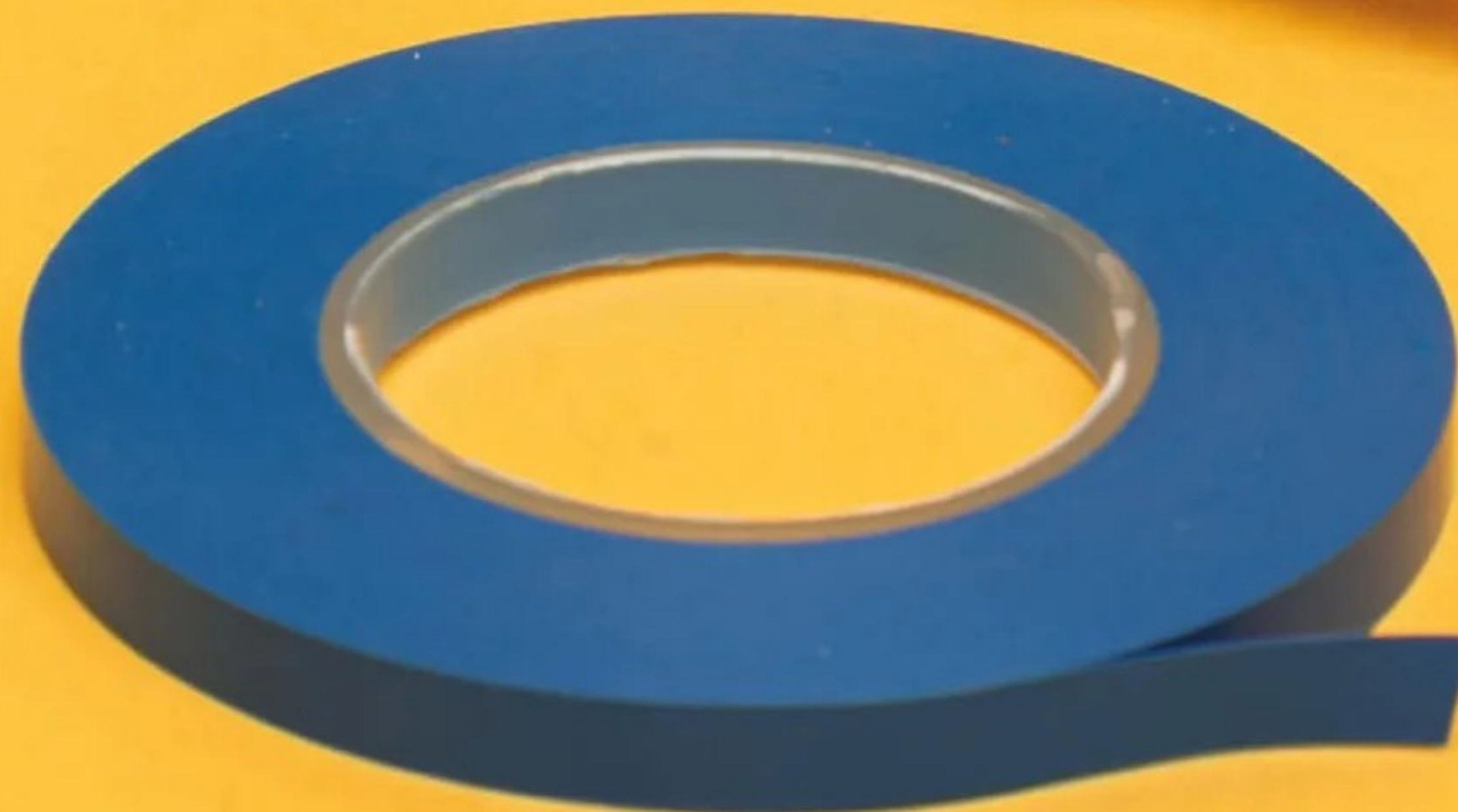
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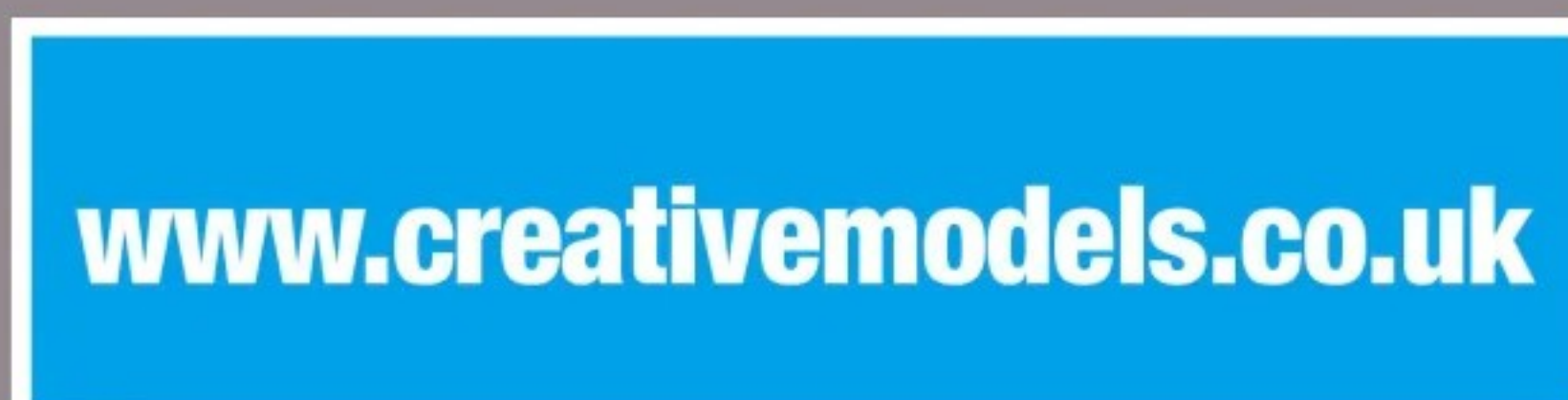
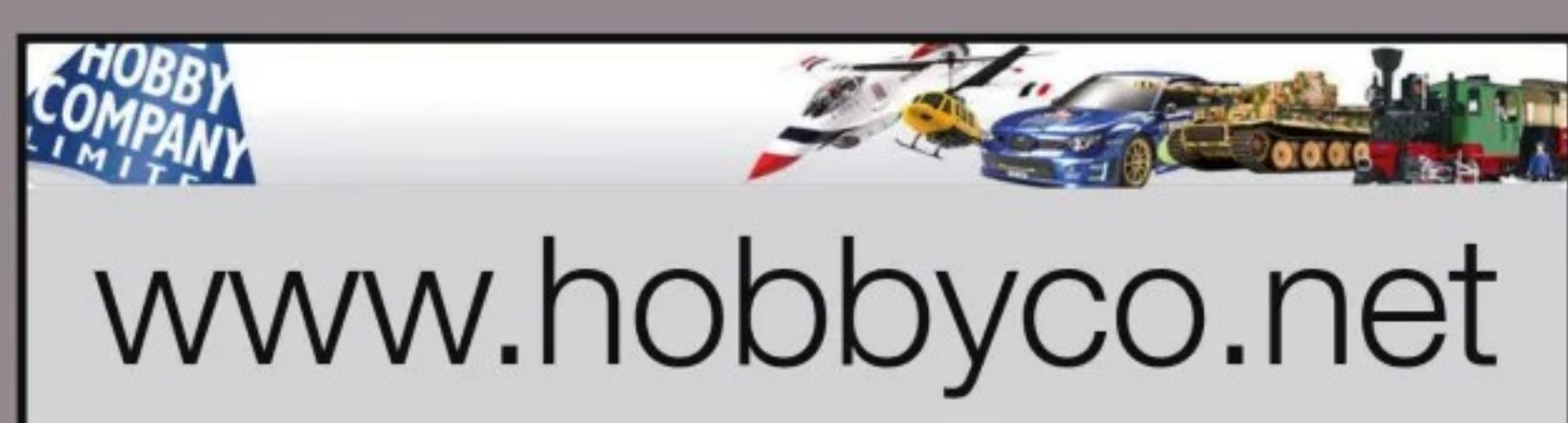


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The next issue of TMMI is
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FIRST AID IN '48TH

Tamiya's delicious little British
WW2 ambulance in 1:48



STORM'S 'A BREWIN

Revell's 1:32 Hawker
Hurricane Mk.IIb, full build

KREMER VS KREMER

Tamiya's 1:12 Porsche
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the story begins...



...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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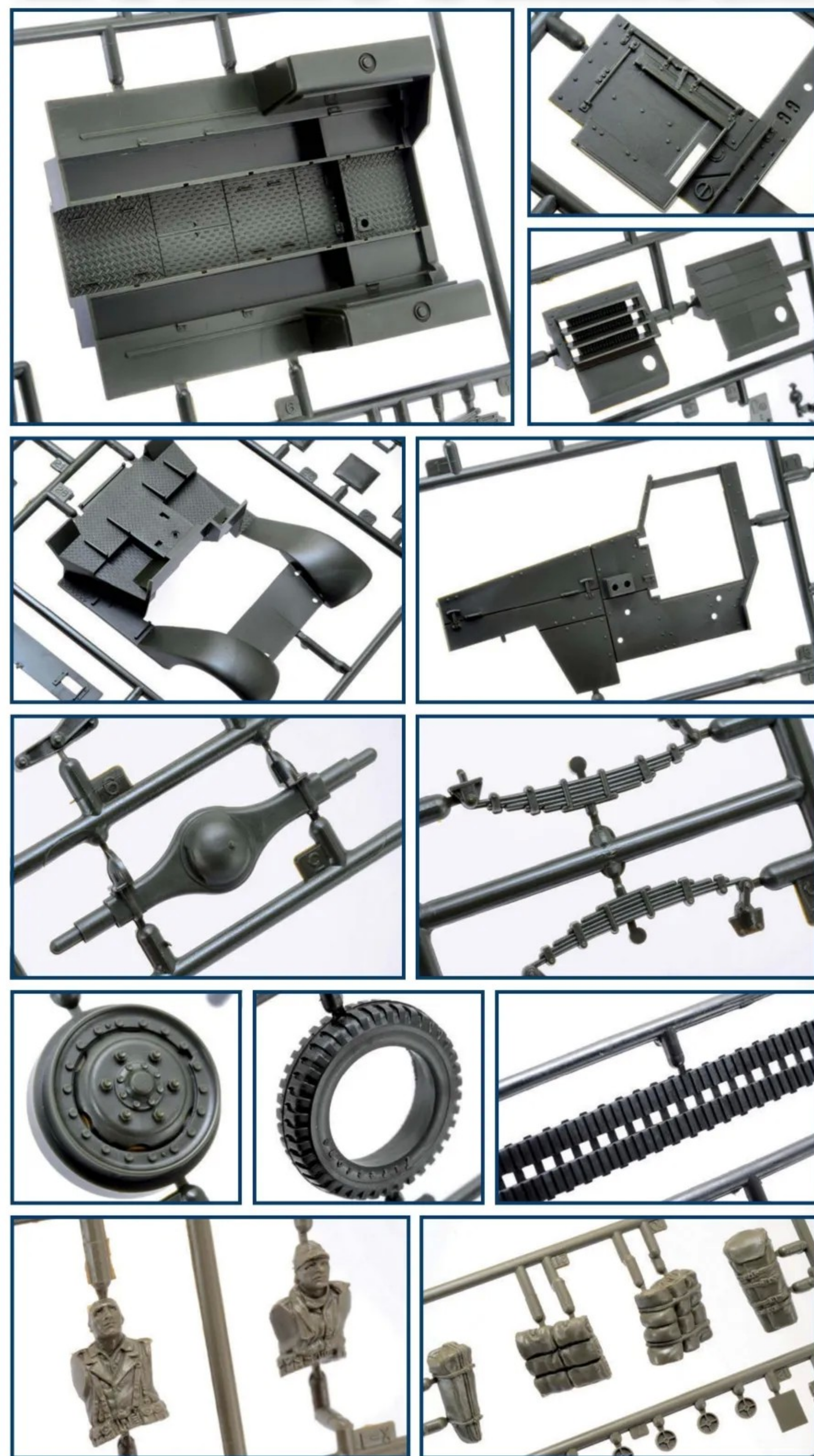
The Editor's Page...

Three is a charm!

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HALFTRACKS' HOMECOMING!



I am sure many modellers worldwide were extremely pleased when they learnt Tamiya was to offer a limited re-run of the 1:35 M3A2 (1975), M16 (1976) and M21 (1976) WW2 US halftrack kits. I certainly was. The last one of these models I built (the M21 mortar carrier) was over forty years ago and so I was extremely keen to get my hands on them again, even if it seems the re-issues were in somewhat short supply. After a trip to Tamiya's official (and generous) UK importer and distributor, The Hobby Company in Milton Keynes, UK, I was in possession of one each of these models and I could not wait to see how they looked in the box. Actually, before I opened the box, I took some time to admire the illustrations as they are superb examples of Tamiya art and very inspirational. Bearing in mind the vintage

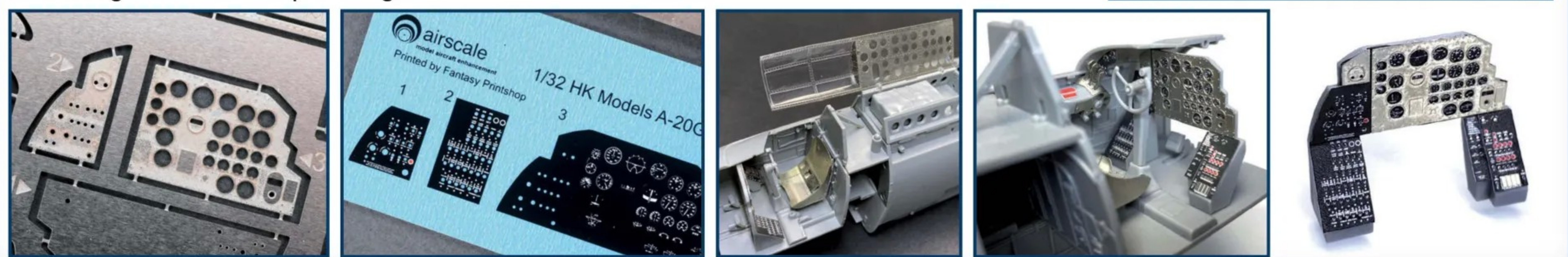
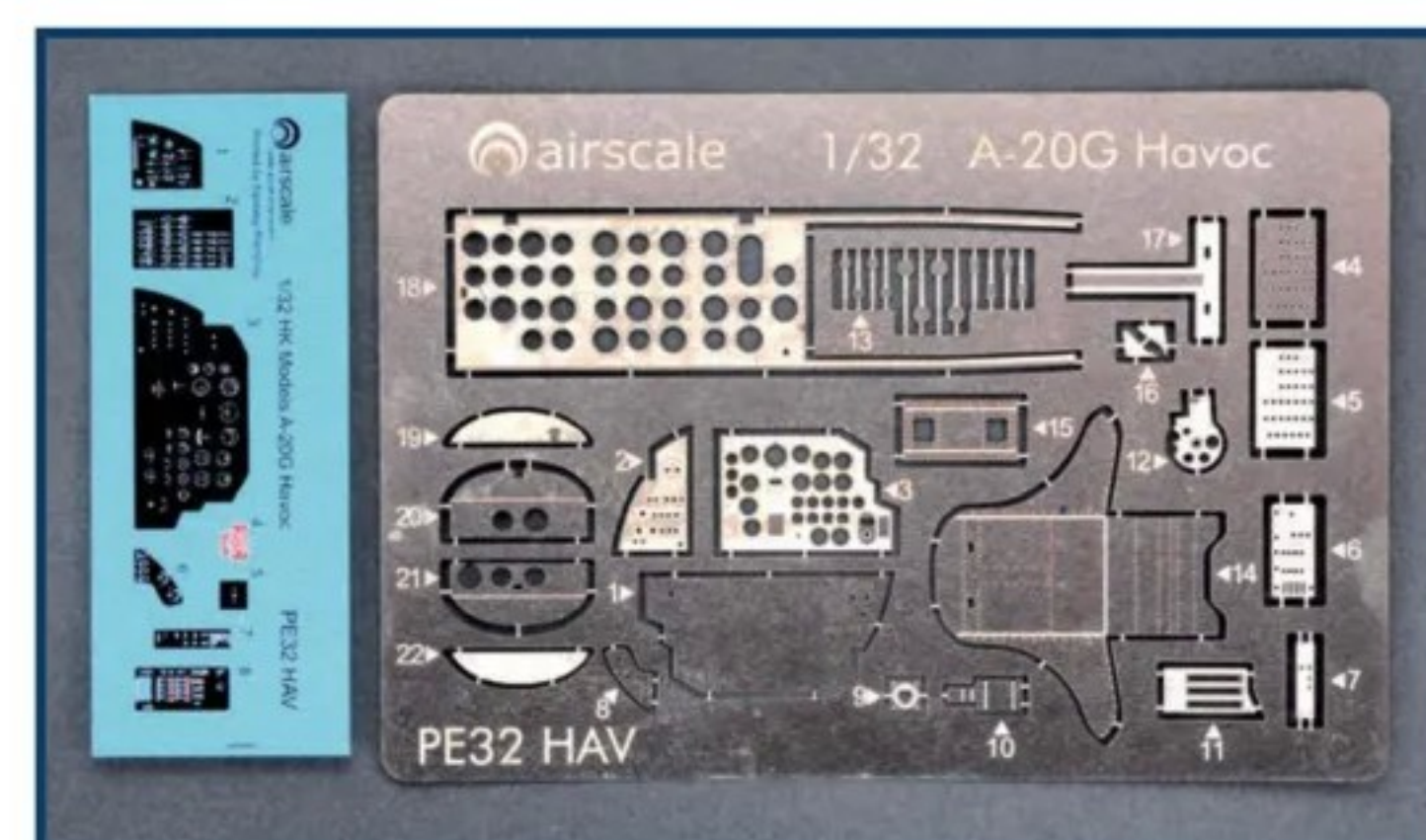
of the kits, they look surprisingly good, with detail much finer than I remembered. Naturally, injection-moulding technology has become more refined over the decades, so certain details – most notably the barrel-carrier handles on the Browning M2 .50cal guns – are a little thick, but this is to be expected, and is easily remedied. And a real bonus for modellers is that a plethora of aftermarket sets already exist for these kits, most usefully perhaps, 3D-printed headlight guards (from MJ Miniatures via www.passionmodels.jp) and, if you really want to give your kit(s) a modern refurb, a complete replacement rear suspension and tracks, also in 3D-print (from FCModeltrend: www.fcmodeltrend.com).

I think it would be a very interesting exercise to see, with a little investment in some new headlight guards, jerrycans, M2 barrel handles and so on, how good they can look. What do you think? ●

EDITOR'S CHOICE

AIRSCALE COCKPIT UPGRADE 1:32 DOUGLAS A-20G HAVOC (PE32 HAV)

Back in TMMI Issue 335 (September 2023) we had an all too brief look in the box of the HK Models astonishing 1:32 kit of the A-20G Havoc and I for one was mightily impressed by it. As is always the case, aftermarket producers have stepped in to offer their wares and one of the earlier releases is from Airscale, whose set provides new parts in photo-etched metal for the instrument panel, a whole new throttle, pilot's seat, upper canopy panel and more. It's a little masterpiece that will bring a real sparkle to this superb kit and it has given me a real impetus to get on with the build! www.airscale.co.uk

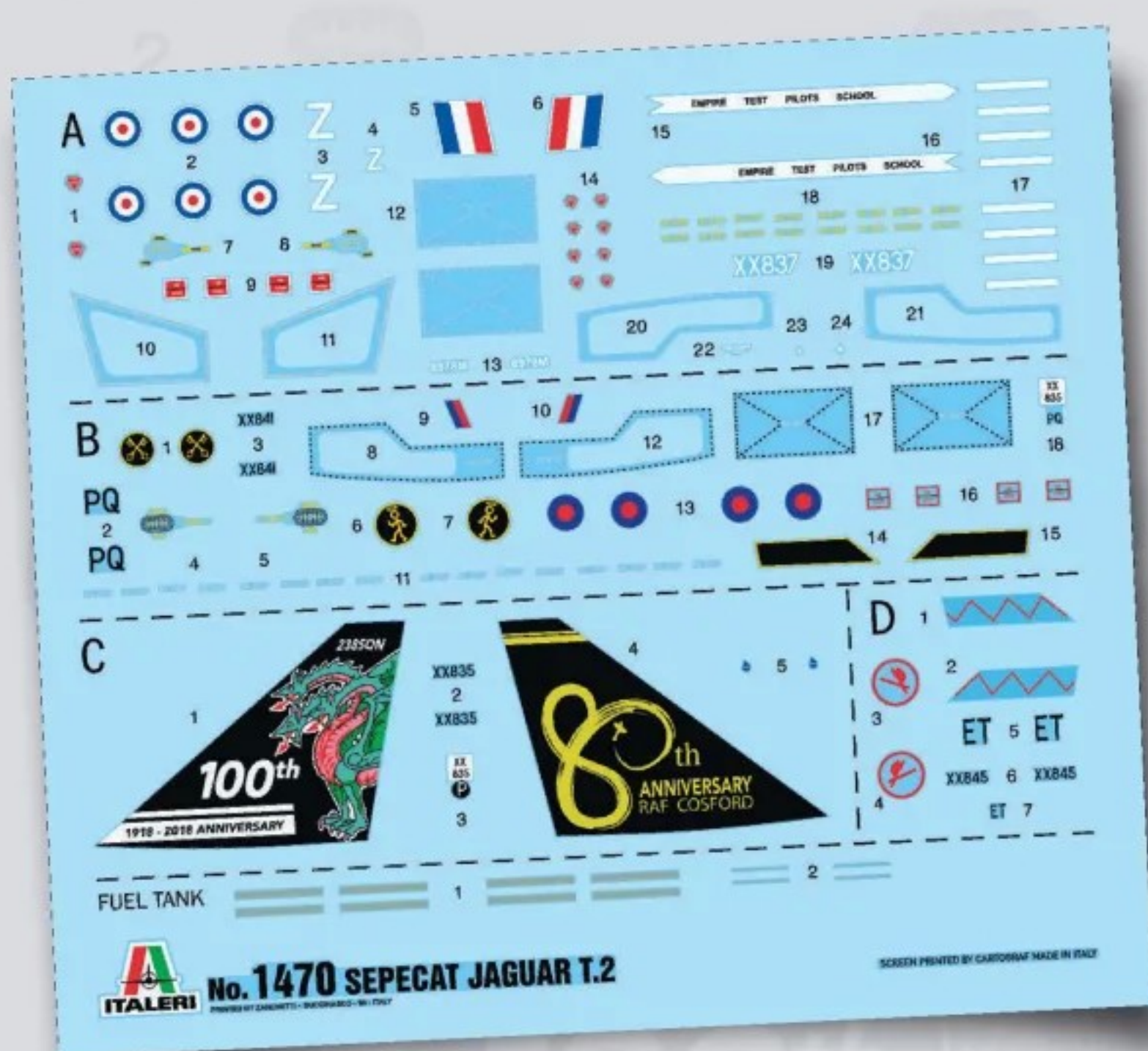




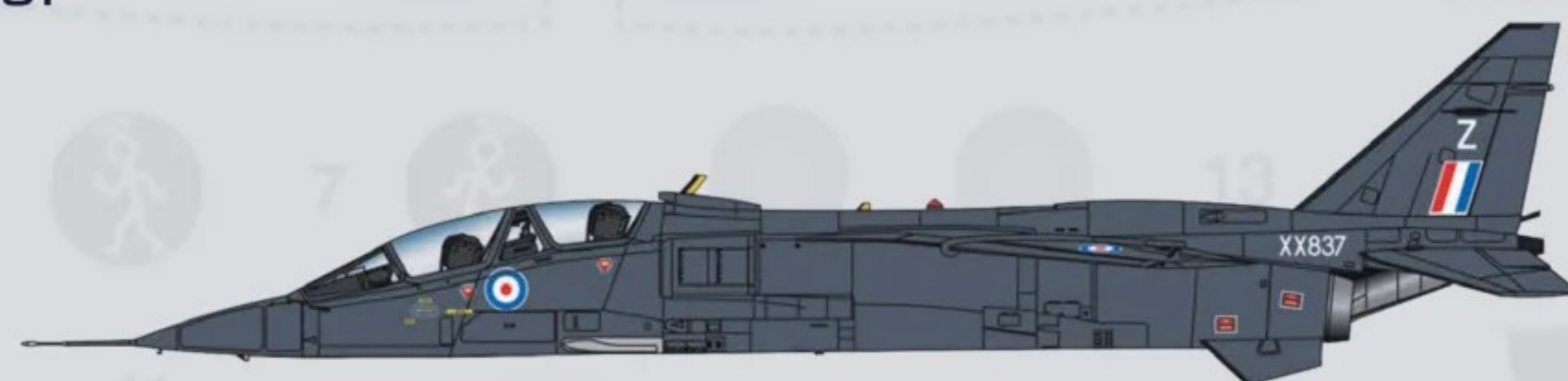
WILD CAT

Italeri bring us a highly accurate and detailed 1:72 scale model of the RAF Jaguar

Consisting of 78 parts across 3 sprues, this kit comes with a detailed cockpit that can be viewed through an open or closed canopy. Accessories include fuel tanks.



Decals are included, providing the colours of 4 different RAF squadrons including the famous black 'Trainer' livery



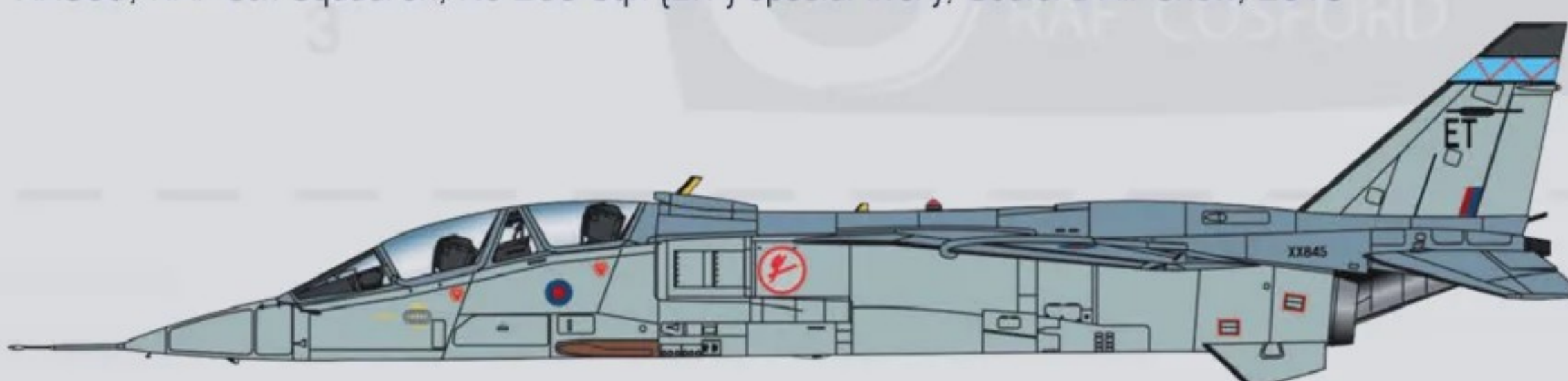
XX837, RAF Aerosystems Engineer and Management Training School, Cosford AFB, June 2018



XX841, RAF No.16 (R) Squadron, Coltishall AFB, July 2003



XX835, RAF 6th Squadron, No 238 Sqn (LTF) special livery, Cosford Air Show, 2018



XX845, RAF 6th Squadron, Coltishall AB, 2005



Originally conceived in the 1960s as a jet trainer with a light ground attack capability, the requirement for the aircraft soon changed to include supersonic performance, reconnaissance and tactical nuclear strike roles. The aircraft was used in numerous conflicts and military operations in Mauritania, Chad, Iraq, Bosnia, and Pakistan, as well as providing a ready nuclear delivery platform for the United Kingdom, France, and India throughout the latter half of the Cold War and beyond. In the Gulf War, the Jaguar was praised for its reliability and was a valuable coalition resource. The aircraft served with the French Air Force as the main strike/attack aircraft until 1 July 2005, and with the Royal Air Force until the end of April 2007.



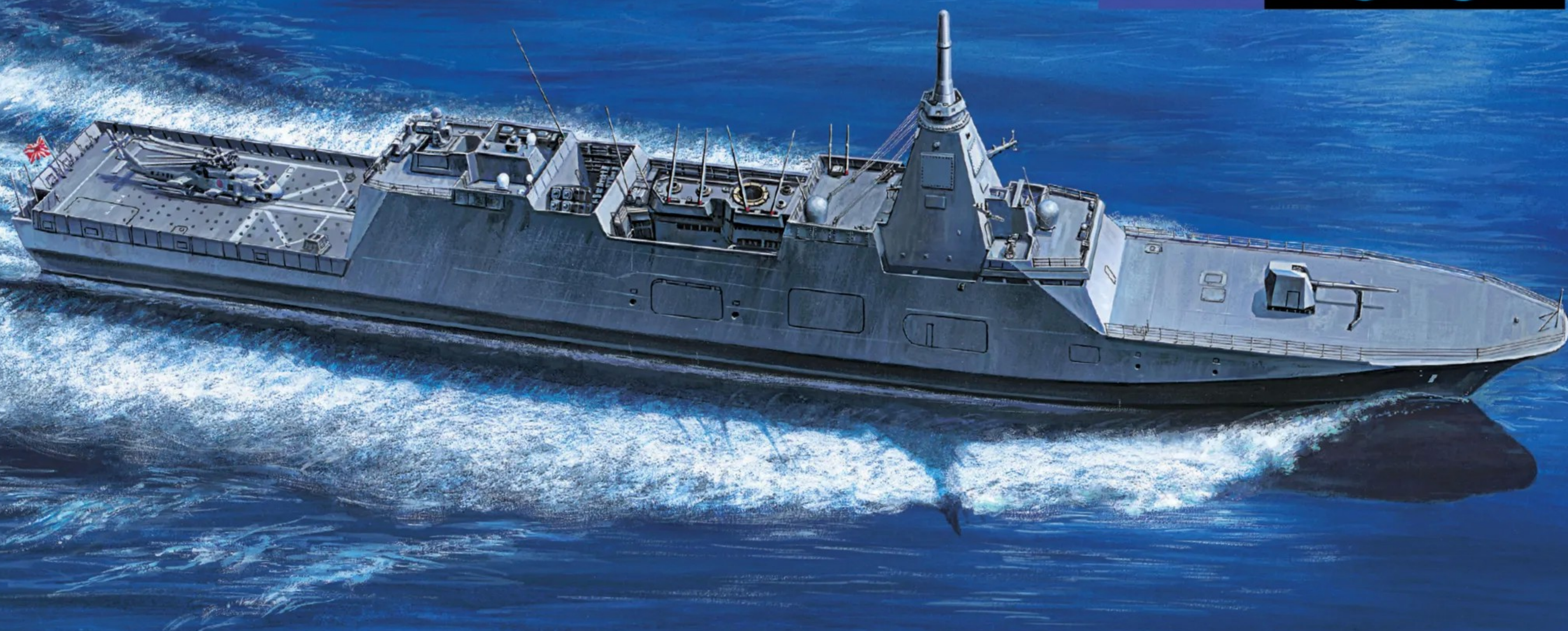
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1/700

WATER LINE SERIES



Cutting-Edge Defense on the Waves

1/700 Water Line Series

JMSDF Defense Ship FFM-1 Mogami (Item 31037)

The first ship of the revolutionary Mogami class, the FFM-1 Mogami was commissioned in April 2022, and the new FFM classification signified its ships' status as frigates (FF) with high stealth, and given a Multi-purpose brief including Mine-sweeping duties (M). Now, Tamiya welcomes this cutting-edge ship into the 1/700 Water Line Series. Its striking form featuring angular design and Unicorn antenna on the mast is authentically captured in style. The kit also features realistic depictions of missile launchers and antennas, and some components can be attached without the need for cement. Enjoy assembling this innovative defense ship which will surely be a key for the future coastal defense of Japan.

The SH-60K patrol helicopter is realistically depicted. Rotors can be assembled deployed or folded.



The helicopter hangar interior is also captured, with open or closed shutters.

JMSDF DEFENSE SHIP FFM-1 MOGAMI

Slide molded mast parts realistically recreate even small protrusions and give ease of assembly.



Remotely controlled weapon station

Unicorn antenna

SSMS-3 quadruple missile launcher

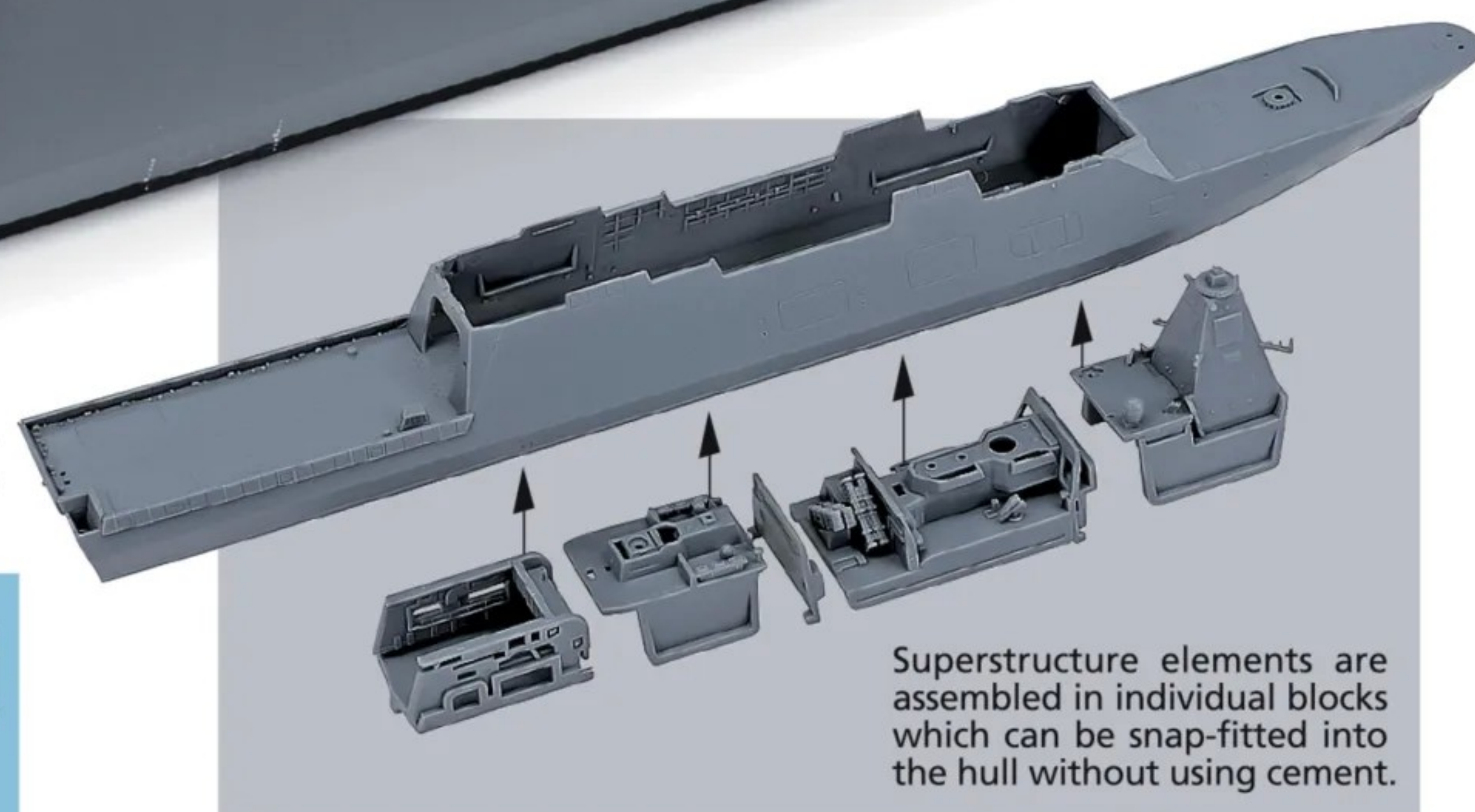
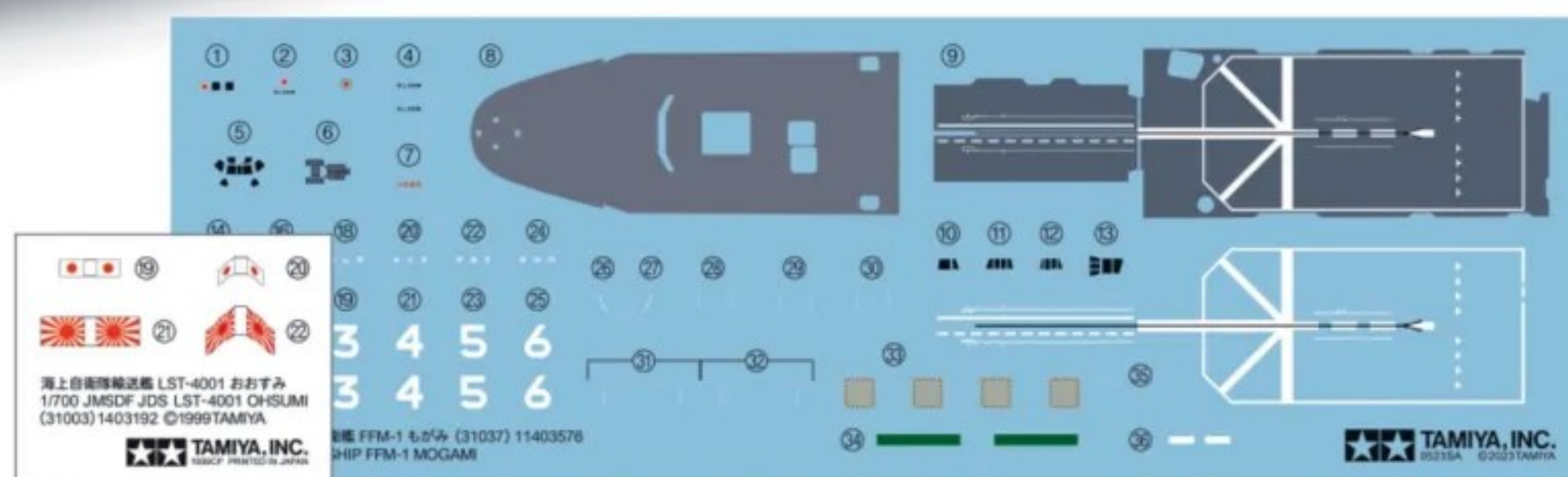
SeaRAM sea-to-sea missile system

L/62 5-inch gun with poly cap turns right and left, and features barrel elevation.

The hull is split into two components, and hatches are finely molded.

★Length: 190mm
★Width: 23mm

Decals are included to recreate the first six ships of this class. JMSDF flag decals are also included.



Superstructure elements are assembled in individual blocks which can be snap-fitted into the hull without using cement.

Painting the JMSDF Defense Ship FFM-1 Mogami

●Hull : AS-7 Neutral Gray ●Upper deck : LP-14 IJN Gray (Maizuru Arsenal)

《Tamiya Color Spray Paints for Aircraft (AS) / Tamiya Color Lacquer Paints (LP)》

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

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

