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Model
MAGAZINE
INTERNATIONAL

ISSUE
346

August 2024

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**BLUE-NOSED
BOMBSHELL!**

Eduard's all-new 1:48
P-51B Mustang
in detail



TAMIYA

Model MAGAZINE

INTERNATIONAL

**URBAN
WARRIOR**

Tamiya's 1:35
JGSDF Type 16 MCV C5
like you've never seen
it before!

INSIDE

Brach Model 1:12 1970 TT winning bike, ICM 1:35 CH-54A with military
pod previewed, plus new kits, books and modelling accessories...

DOOLITTLE
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LEOPARD 2 A7V

1/35 Military Miniature Series
German Main Battle Tank
Leopard 2 A7V
(Item 35387)

1/35
SCALE

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Evolution at your Fingertips

Newly developed based on extensive research of the actual tank!

Our 1/35 Leopard 2 A6 kit has enjoyed a great reputation since its release in 2004. The Leopard 2 A7V is an improved version of A7 (which itself is an improved version of A6) and units began receiving it in 2021. The A7V features additional hull front armor to increase its survivability, and improved suspension with new torsion bars and tracks, plus turret-side baskets. Based upon intensive research of the actual tank in Germany, Tamiya is proud to welcome this tank as a 1/35 scale kit with totally new parts. The A7V features such as turret rear and hull side shape are realistically recreated. Also, snap-together assembly tracks and photo-etched parts further enhance the finished kit. Compare our two kits to get a feel for the evolution of tank technology over the last twenty years!

Length: 320mm, width: 110mm

Choose between head sections
with helmet and beret.

Decals recreate German flags and
6 different sleeve rank insignia.

Comes with three
marking options.

Features snap-together
assembly type tracks.

Detail-Up Parts

1/35 Scale German Leopard 2 A7V Metal Gun Barrel (Item 12694)

The A7V gun barrel is recreated
with a precise aluminum part
for a fantastic finish.



Mud flaps are depicted hung
on the turret rear sides.

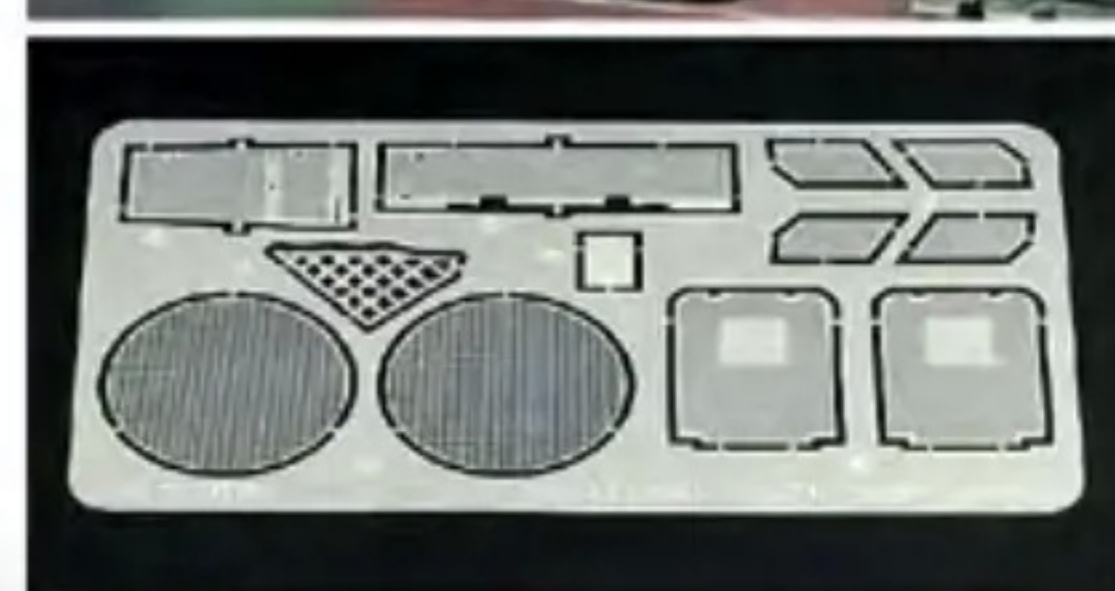


Photo-etched parts for engine grille mesh
and turret-side basket sections.

TAMIYA, INC. 3-7 ONDAWARA, SURUGA-KU, SHIZUOKA 422-8610 JAPAN

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

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



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Issue 346 August 2024

EDITOR Marcus Nicholls
editor@tamiyamodelmagazine.com

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IN BRIEF...

AFV CLUB

- 1:35 YPR-765
PRI.50 APC
Ukraine &
Netherlands
bachmann.co.uk



ANDY'S HOBBY HEADQUARTERS

- 1:16 US M8 Greyhound
Crew X4 resin figures
andyshhq.com



AIRFIX

- 1:72 D-Day Fighters X5 kits
airfix.com



ANYZ

- 1:24 3D Connectors T-Type
anyz.io



CT SCALE MODELS

- 1:72 window mask set for Airfix new Chinook HC.1
eBay: ctscalemodels

FLYHAWK

- 1:350 USS Cowpens
CG-63 1998
flyhawkmodel.com



GECKO MODELS

- 1:35 '60s-'70s Saigon
Shuttle X2 kits in one box,
one driver figure
tankmuseumshop.org



MINIART

- 1:24 Plastic Barrels
- 1:35 German 3t Cargo Truck
- 1:35 German 3t Cargo Truck early
production
- 1:35 German Elite Gun Crew
- 1:35 Milling Machines
- 1:35 Tempo A400 Kastenwagen
- 1:35 Generator PE-95 with fuel tanks
- 1:35 K-51 Radio Truck with Trailer
- 1:48 Thunderbolt Mk.III Royal Air
Force Advanced Kit
- 1:48 Marston Mat
creativemodels.co.uk



NEW FROM TAMIYA

1:10 Radio Control Porsche Carrera RS 2.8

The Porsche Carrera is an icon 911 series and now you can drive your very own one, as a one-tenth size miniature replica of the real thing.

All the familiar Tamiya sophistication will be found in the suspension, drivetrain and body, just leaving the modeller to build the kit and fit their choice of radio control system.

www.tamiya.com www.hobbyco.net
and from good retailers everywhere



COMING SOON FROM TAMIYA Tamiya Logo Oval Lapel Pin

If you really love Tamiya, how about one of these cool badges for your Sunday best?
www.tamiya.com www.hobbyco.net



NEW FROM TAMIYA Fully Cowled Mini 4WD Compact Bag

This natty bag is ideal for transporting your Mini 4WDs from track to track! www.tamiya.com
www.hobbyco.net



COMING SOON FROM TAMIYA - Tamiya Inden Business Card Case

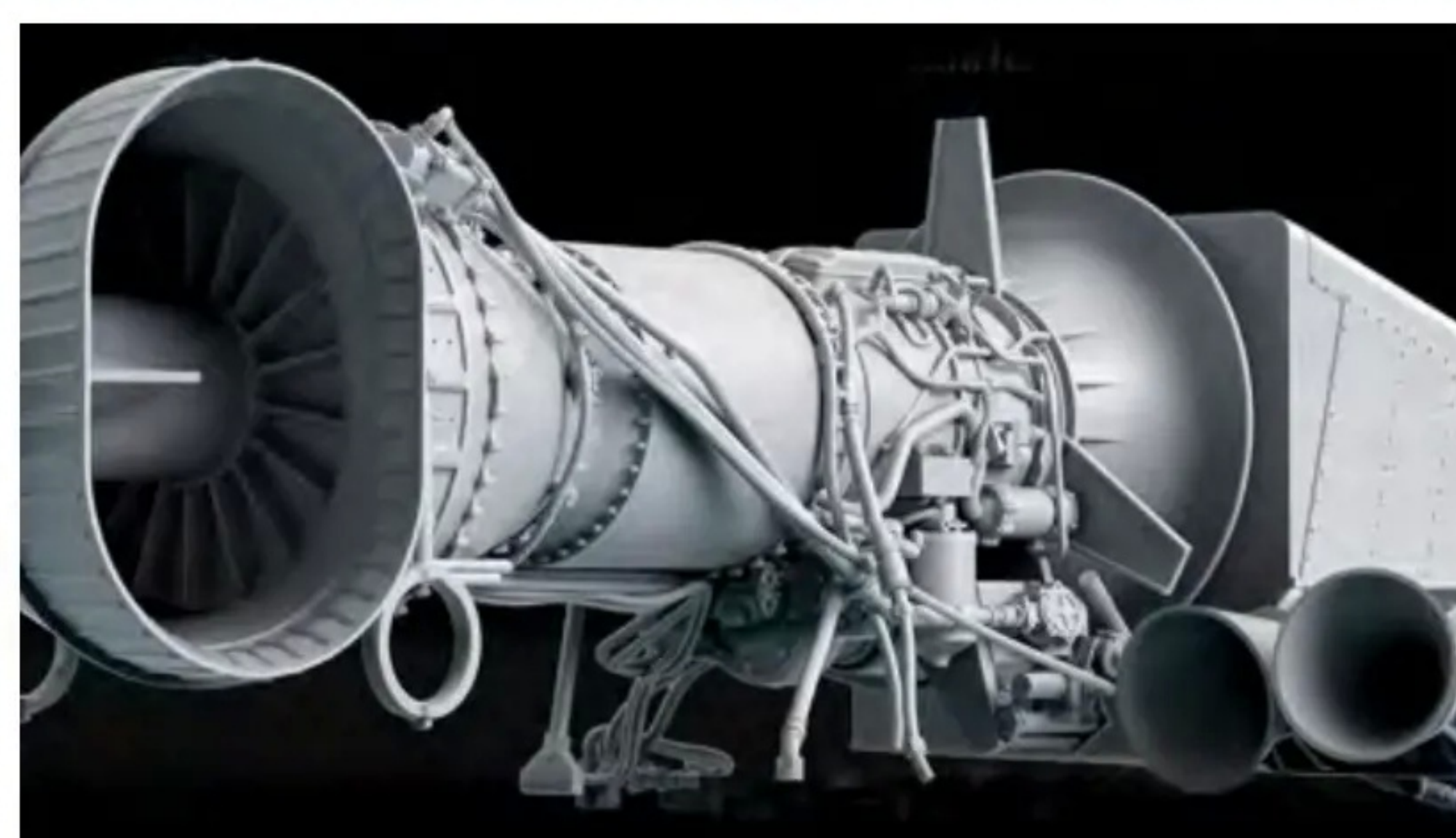
To make an impression at business meetings, how about a Tamiya-logo'd business-card holder? Available in navy blue/white, black/white, black/red and black/pink. www.tamiya.com
www.hobbyco.net



NEW FROM AIRFIX 1:72 Dogfight Doubles

One Airfix's most iconic product ranges back in the day were the 'Dogfight Doubles' that paired fighter aircraft that would have fought each other in reality, and now they are making a comeback!

www.airfix.com and from good retailers everywhere



COMING SOON FROM RESKIT 1:35 CH-54A Tarhe engine and air intakes

On pages 46 and 47 of this issue you can see ResKit's incredible folded rotorhead and gearbox set for ICM's amazing Tarhe model, and soon you'll be able to compliment that set with these beautifully rendered 3D-print engines. www.reskit-models.com www.hannants.co.uk

NEW FROM AHHQ

1:16 M113A1/M113A1 ACAV

Amazing news from Andy's Hobby Headquarters in Arizona, USA in the form of the US Army's famous Vietnam War armoured personnel carrier ion big 1:16! Interior is fully detailed and the kit comes with a gunner figure. More news soon.

www.andyshhq.com



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N° 3962 model kit
modèle réduit



- New fully detailed cabin and interiors
- Fully detailed engine and frame
- Open or closed driver door
- Open or closed radiator grill
- Photo etched parts
- Rubber tyres

**NEW
PARTS**

1:24
scalascale

3924 Mercedes Benz SK EURO CAB 6X4 **1:24**



Fully detailed
cabin and interiors
Fully detailed
engine and frame
Rubber tyres
Super decals sheet

3965 Scania 770S V8 "Whitw Cab" **1:24**



3959 MAN TGX 18.500 XXL Lion Pro edition **1:24**



0788 DAF 95 Master Truck **1:24**



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ALL-NEW FROM AIRFIX 1:72 Boeing Chinook HC.1

Airfix's all-new Chinook in 1:72 was shown at the Nuremberg Toy Fair this year, and now it has arrived! Fantastic detail all around, and RAF markings, of course.
www.airfix.com and from good retailers everywhere



NEW FROM MINIART 1:35 M3 Stuart Early Production

The latest version of MiniArt's all-new M3 Stuart is the 'early production' machine, no interior. Amazing detail!
www.miniart-models.com www.creativemodels.co.uk



NEW FROM REVELL - 1:24 1977 Jeep CJ-7

Get ready to go retro with this classic kit of one of the most American vehicles ever made, the Jeep CJ-7! www.revell.de and from good retailers everywhere



COMING SOON FROM EDUARD - NEW FROM EDUARD

In 1:72: Bf109G-6 ProfiPACK, B-26F/G Marauder Limited Edition. In 1:48: Spitfire Mk.Vb Overlord Weekend Edition
www.eduard.com www.creativemodels.co.uk



SCALE MOTORSPORT US IPMS Nats 2024

American 'superdetailers' Scale Motorsport will be attending the USA IPMS Nationals in July for the first time in three years, so check out their fantastic model car details sets and carbon-fibre decals at the show: The International Plastic Modelers' Society National Convention 2024, July 17-20, 2024 Monona Terrace, Madison, WI, USA
www.scalemotorsport.com
www.nats2024.com



NEW FROM TAKOM 1:350 naval kits

On the way soon are the 'Multifunctional Boat PR.23370 and 'Anti-Sabotage Boat PR.21980' of the Russian Navy. Also on the way in 1:350 is FFG Project 20380, another Russian Navy warship.
www.bachmann.co.uk and from good retailers everywhere



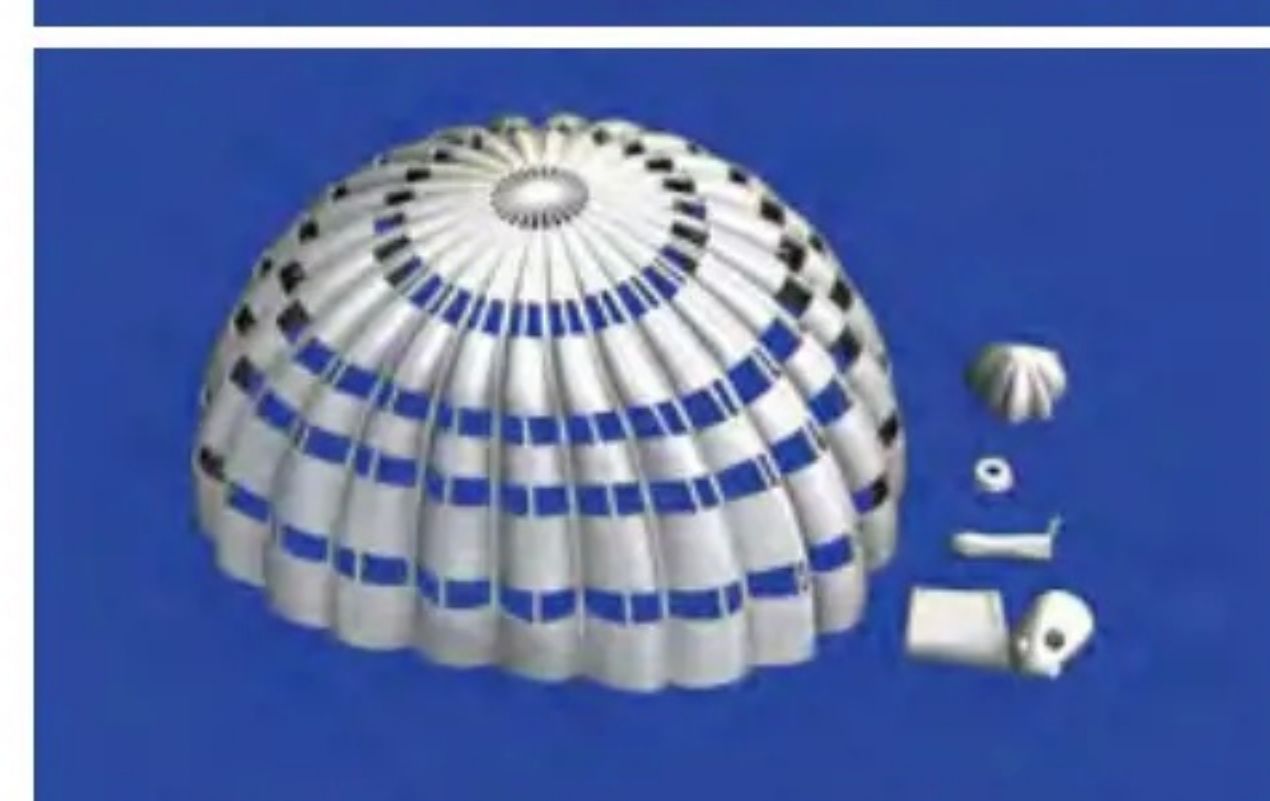
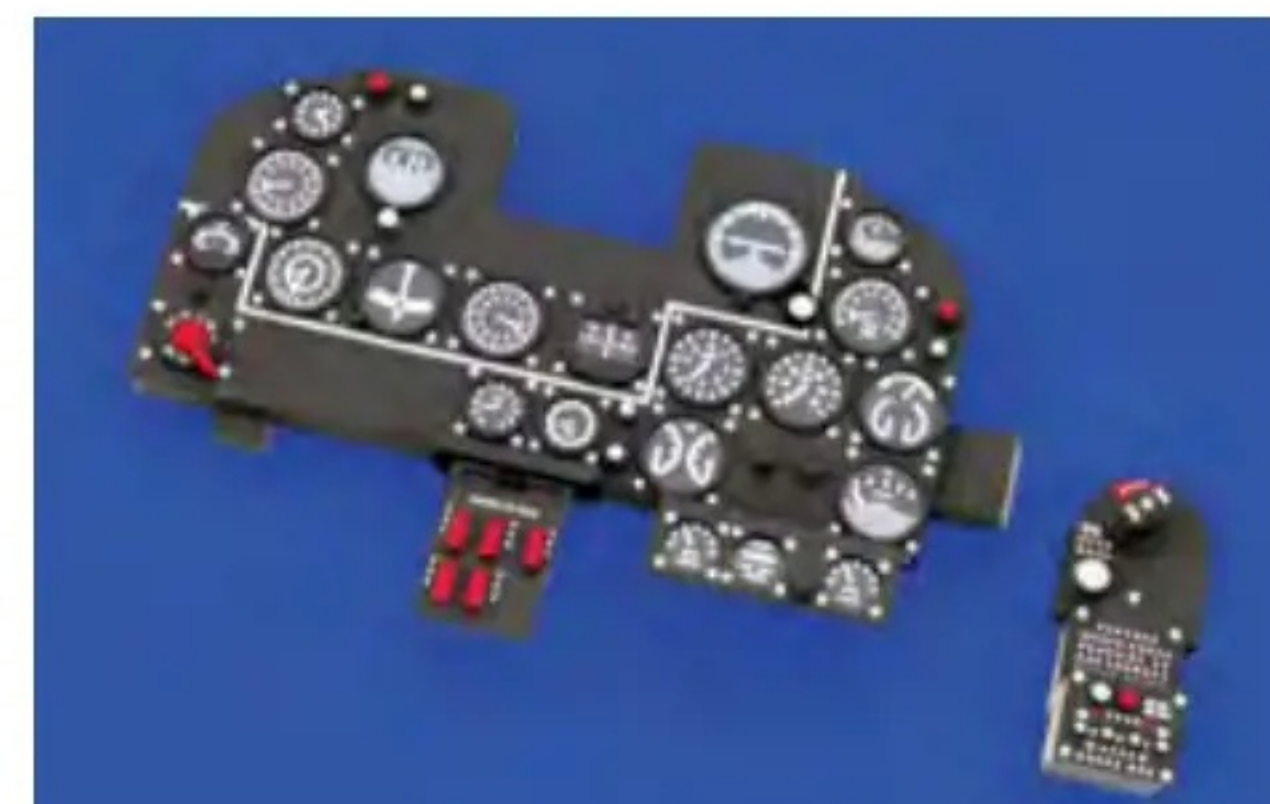
COMING SOON FROM ZERO PAINTS New car colours

New paints on release: 'Ghostbusters (Ecto 1) White' and 'Austin Minivan Police Blue', both 30ml.
www.hiroboy.com

COMING SOON FROM EDUARD

- 1:48 P-47D-30 LööKplus (for MiniArt)
- 1:48 Polikarpov I-16 Type 24 LööK (for ICM)
- 1:48 F-4E Parachute PRINT
- 1:48 Beaufort Mk.I Engines PRINT (for ICM)
- 1:350 IJN Type 96 25mm AA Gun (single) PRINT
- 1:350 IJN Type 96 25mm AA Gun (double) PRINT
- 1:48 P-51B/C seat Type 2 PRINT (for Eduard)

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



NEW ARRIVALS

A quick round-up of new and recent arrivals at Tamiya Model Magazine. Thank you to the manufacturers and suppliers for the review samples!



AIRFIX

1:72 Armstrong Whitworth Whitley Mk.V (A08016) new box

Airfix's 1:72 Whitley was originally launched in 2015 and it is very much one of the company's modern-generation, high-quality productions. The airframe exterior features very fine recessed panel lines and the markings are for two, early-war, Yorkshire-based aircraft. www.airfix.com and good retailers everywhere



AIRFIX

1:72 Vickers Wellington Mk.IA/C (A08019A) new decals

Airfix's 2018 Wellington is astonishingly well done, with beautiful reproductions of Sir Barnes Wallis's geodetic structure inside the fuselage and on the wings' exterior surfaces. A stunning kit of an iconic RAF bomber. www.airfix.com and good retailers everywhere



ARMA HOBBY

1:72 P-51B/C Mustang (70057) new decals

Arma Hobby's small-scale P-51B/C Mustang was 'born' in 2021 and it is an absolutely gem of a kit, depicting the 'Malcom hood' version of the iconic fighter. Exquisite surface detailing with an excellent cockpit, plus USAAF and RAF 309 Polish Sqdn markings. www.armahobby.com www.hannants.co.uk and good retailers everywhere



ARMA HOBBY

1:72 P-400 Airacobra (70057) new parts

Arma Hobby's P-400 Airacobra is a gorgeous thing that features some ultra-fine surface rendering and serious internal detailing that wouldn't look out of place in a 1:32 kit, never mind one in 1:72. Three ball-bearings are supplied to keep the nosewheel on the ground. www.armahobby.com www.hannants.co.uk and good retailers everywhere



CLASSY HOBBY

1:16 WWII US Tank Crew (MC16012) new tool

With the soldier on the excellent box-art looking uncannily like Captain Ronald Speirs (Matthew Settle) from Band of Brothers, this 1:16 US tanker figure is hard to resist. The Thompson submachine gun is particularly well detailed. Uniform insignia supplied in decal-form. www.classy-hobby.com www.tankmuseumshop.org and good retailers everywhere



CLASSY HOBBY

1:16 WWII US Tank Commander (MC16013) new tool

Also resembling Captain Speirs somewhat, the second 1:16 figure featured here is extremely well sculpted and formed from multi-part injection-mouldings. Both figures would go with AHHQ's new 1:16 M8 Greyhound armoured car rather well. www.classy-hobby.com www.tankmuseumshop.org and good retailers everywhere

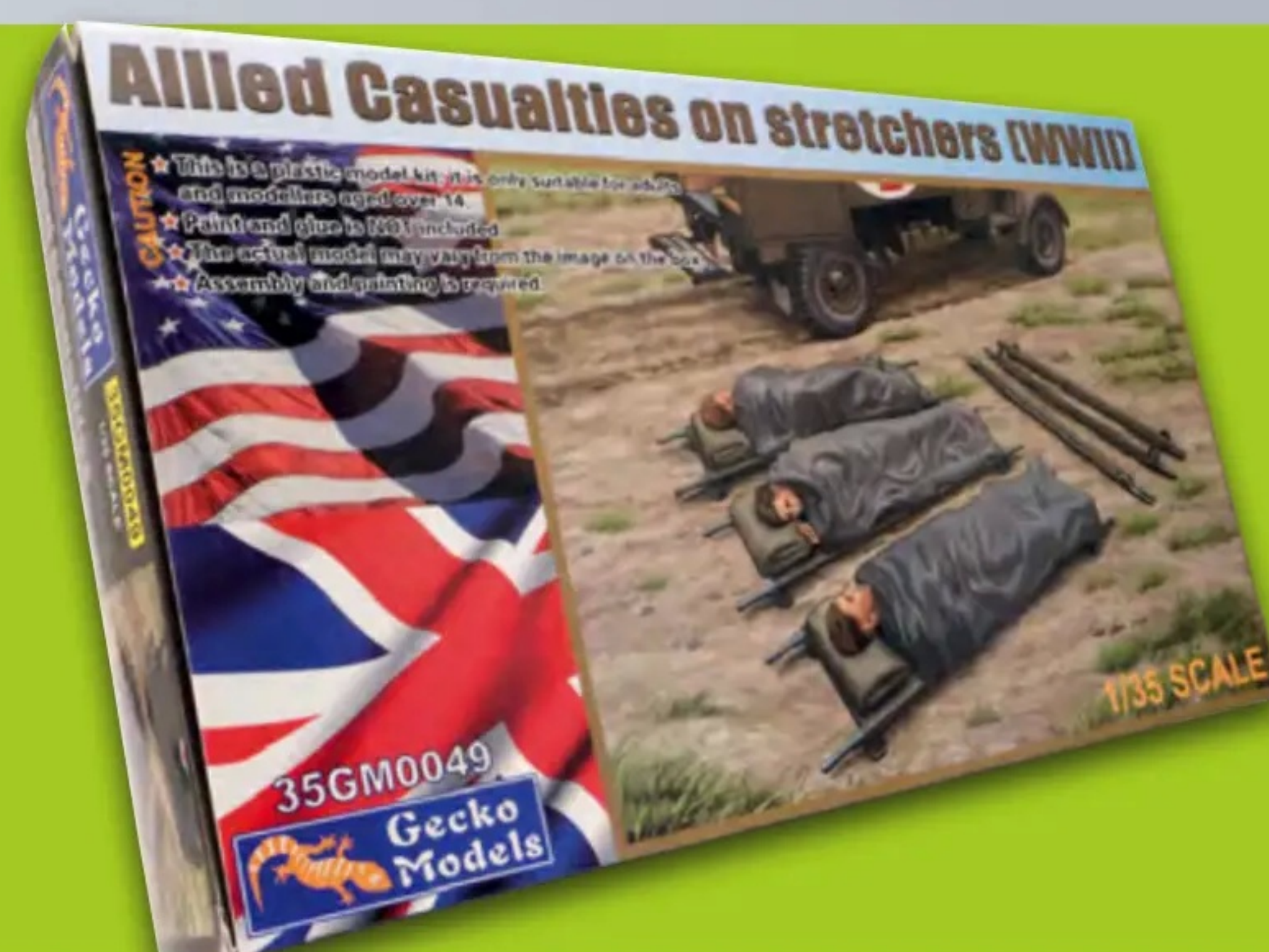


EDUARD

1:48 F4F-4 Wildcat Late ProfiPACK Edition (82203) new version

Eduard's Wildcat models in 1:48 are things of beauty and it almost doesn't matter which version you choose to build, because they are all superb kits. Here we have the late version F4F-4 and as always, it comes with some great choices of markings.

www.eduard.com www.creativemodels.co.uk and good retailers everywhere



GECKO MODELS

1:35 Allied Casualties on Stretchers WWII (35GM0049) new tool

Ideal to place alongside a 1:35 Austin K2/Y or Dodge WC-54 ambulance in a diorama, this evocative set of three wounded Allied soldiers on stretchers is well executed. Three different individuals under blankets plus six stretchers (folded and unfolded) are provided.

www.gecko-models.com www.tankmuseumshop.org and good retailers everywhere



GECKO MODELS

1:35 Bedford MWC 15-CWT 4X2 250 Gallon Water Bowser Truck (Open Cab Aeroscreen) (35GM0031) new version

Gecko's vehicle kits are always complex affairs (in a good way) and this Bedford 250 gallon water bowser is no exception. It's only a small truck but the thirty-six page instruction booklet gives a clue to how detailed it is! Full engine is a highlight.

www.gecko-models.com www.tankmuseumshop.org and good retailers everywhere



GECKO MODELS

1:35 WWII British Army Truck Driver Set (35GM0007) new tool

With the range of British trucks constantly expanding thanks to the likes of Gecko and ICM, this set of five British figures is very welcome. Superb detail throughout, with photo-etched rifle slings and uniform badge decals. Does the female figure look a little familiar?

www.gecko-models.com www.tankmuseumshop.org and good retailers everywhere



ICM

1:35 Bergepanther with Pz.Kpfw.IV (35360) 2005 base kit with new parts

Wonderful in its weirdness, the Bergepanther with Pz.Kpfw.IV turret was a World War Two oddity and ICM's superb 1:35 kit is based on wartime photos of possibly the only example of the machine, whose role was an improvised command-tank.

www.icm.com.ua www.hannants.co.uk and good retailers everywhere



ICM

1:48 WWII Japanese pilot and ground personnel (48053) new tool

This set of five WW2 Japanese pilots and ground crewmen is ideal to place alongside ICM's Sally bomber. The detail on these figures is superb - it really does need to be seen first-hand to appreciate it. Sharp detail is easier to paint too, so it's a win-win all round.

www.icm.com.ua www.hannants.co.uk and good retailers everywhere

NEW ARRIVALS



ICM

1:35 Kozak-2 State Border Guard Service of Ukraine (35016) new version

ICM's 1:35 Ukrainian 'Cossack' APC is an amazing kit with masses of detail inside and out and this might be its most interesting incarnation yet. It's a State Border Guard vehicle and comes with the legendary DShK heavy machine gun in its roof turret.

www.icm.com.ua www.hannants.co.uk and good retailers everywhere



ICM

M8A1 US Landing Mat (48410) new tool

This pack of M8A1 steel matting builds up to create a rectangle of 245mm x 153mm which is big enough for a 1:48 helicopter, or at a push, ICM's own B-26 Invader, although both will hang over the edges somewhat. A very handy Vietnam War-era accessory. www.icm.com.ua www.hannants.co.uk and good retailers everywhere



ICM

1:35 Beobachtungspanzerwagen Sd.Kfz.251/18 Ausf.A WWII German Observation Vehicle with crew (35105) new version ICM's early-model Sd.Kfz.251 is an excellent base model that is packed with seriously fine detail. It comes with a highly detailed engine that can be seen through the open access hatch on the upper armour, and from below. Here, we have the observation version with 'pulpit' and figures. www.icm.com.ua www.hannants.co.uk and good retailers everywhere



ICM

1:35 Tank Crew of the Armed Forces of Ukraine (35756) new version

This set of Ukrainian tank crewmen shows four individuals on the artwork but when you open the box you'll find that it comes with five figures and a dog, a hangover from a previous release. Anyway, it's a bonus and the detail is very impressive.

www.icm.com.ua www.hannants.co.uk and good retailers everywhere



ICM

1:48 US Aerial Target Drones (48399) new version

This set combines ICM's superb BQM-34A (Q-2C) Firebee with trailer and KDA-1 (Q-2A) Firebee with trailer which are highly detailed replicas. Perfect to place together on a scenic vignette for an interesting 1950s US Navy presentation.

www.icm.com.ua www.hannants.co.uk and good retailers everywhere



TAKOM

1:35 JMSDF Mk.45 mod4 5"/62 Naval Gun (2183) new tool

Takom's naval turret kits are wonderful things and really cool way to show off a vessel's armament at a large scale. Here we have the five-inch gun turret from the Japanese ship FFM-1 Mogami (as released by Tamiya recently in 1:700) and the turret was also used on USN ships too. www.bachmann.co.uk and good retailers everywhere



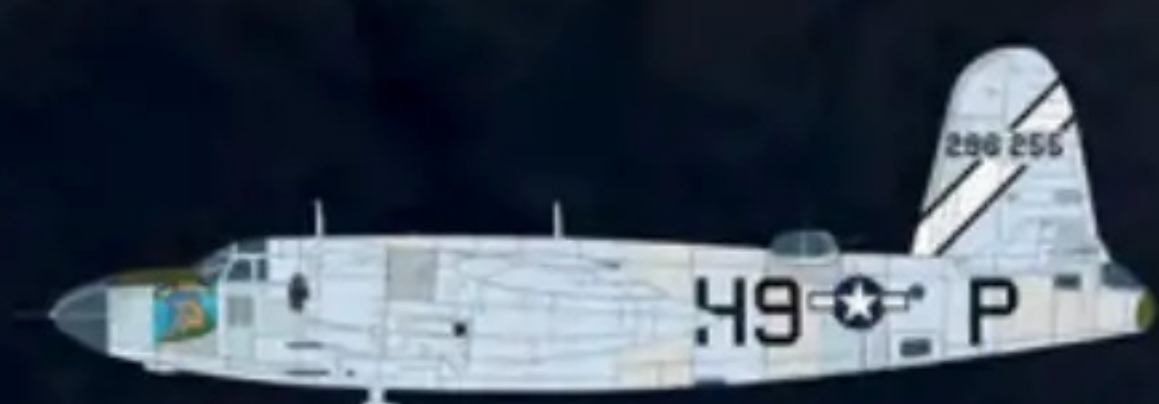
MARAUDER

B-26F/G

The WWII American twin-engine bomber B-26F/G Marauder of the European and Mediterranean theaters of operations

1/72 ITEM 2146

- Hasegawa plastic parts
- Photo-etched and pre-painted parts for the finest detail
- Die cut masks for easy painting
- Brass wheels
- Decals for 8 marking options



JUNE RELEASES



Bf 109G-6

The ProfiPACK edition kit of the German fighter plane Bf 109G-6 in 1/72 scale. From the kit it is possible to build Messerschmitts with standard canopy and standard rudder.

#70159

1/72



Spitfire Mk.Vb OVERLORD

The Weekend edition kit of British fighter aircraft Spitfire Mk.Vb in 1/48 scale. The kit presents Spitfires used during operation Overlord.

#84200

1/48



L-29 Delfin

ProfiPACK edition kit of Czechoslovak military jet trainer L-29 Delfin in 1/72 scale.

#7096

1/72



Fw 190A-2

ProfiPACK edition kit of German WWII fighter aircraft Fw 190A-2 in 1/48 scale. The kit offers the aircraft with two-cannon as well as four-cannon wings.

#82146

1/48

BLUE-NOSED BOMBSHELL!

What happens when you combine a brand new, exquisitely detailed plastic aircraft model with a dazzling D-Day marking scheme? Join **Jim Jenson** as he seeks to answer that question...



To commemorate the 80th anniversary of D-Day and the start of Operation Overlord on June 6th, 1944, a P-51 Mustang adorned with full invasion stripes is a perfect project. Fortunately, Eduard released its new Royal Class P-51B kit right on time. I ordered it as soon as it became available and eagerly dived into it upon its arrival. While I'm not a pilot myself, one of my most exhilarating experiences was taking a ride in a P-51 Mustang a few years ago. This has always made Mustang projects particularly special to me, evoking memories of 'cloud hopping' in World War II's premier fighter.

The kit came with several extras: resin 3D-printed seats in two variations, resin-moulded wheels also in two types, wheel bay painting masks, canopy masks, a commemorative 8th Air Force medallion and a poster featuring artwork depicting the first two marking schemes. As expected from Eduard, the kit is produced to their exceptionally high standards of detail and fit. Upon closely inspecting the main sprues, clear parts, 3D-printed extras, photo-etchings, and decals, I was eager to begin. Being a completely newly tooled kit, the parts are crisply formed, with minimal flash and requiring little cleanup. The surface detail on critical areas such as rivets, fabric control surfaces, the cockpit, and landing gear bay is superb. ▶



CRAFTING THE FRONT OFFICE

The jewel-like cockpit details are impressive, particularly the 3D printed pilot's seat with its detailed seat belts: it's the most finely detailed 1:48 pilot's seat I've ever seen. The kit provides three options for instrument panels: 3D printed zoom, photo-etch, and plastic with decals. Moulded plastic components for the sidewalls, fuel tank, radio, and battery equipment behind the pilot are complemented by decals and additional photo-etch placard and components. All parts are crisply moulded with excellent detail [pics 1, 2, 3].

For painting the cockpit, Mr Color US Interior Green lacquer fitted the bill as the main colour, with Vallejo and Tamiya Acrylics for the details. Dark Brown Abteilung 502 oils were applied

as a wash to enhance the details, while Vallejo wood-coloured acrylics were used to simulate wear on the black, non-skid surface around the pilot's feet. Highlights were achieved using acrylic paints, employing dry brushing techniques to accentuate the fine surface features. Chipping and scratches were meticulously applied with a fine brush and sharp coloured pencils. I particularly enjoy the eye-catching cockpits of P-51 Mustangs, especially the vibrant mix of colours – interior green, black, with splashes of red handles and levers, all combined with the tan seat belts and the yellow life preserver in the pilot's seat. Even with the canopy installed, there's plenty to admire [pics 4, 5, 6]. ▶





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ATL-197



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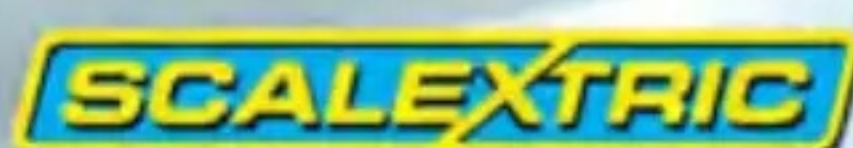
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Aug. '44 Sep. '44 Mar. '45

for TAMIYA 35340



NEW P35-176 1/35

**Tiger I,II Zimmerit Coating
Stamp Set**



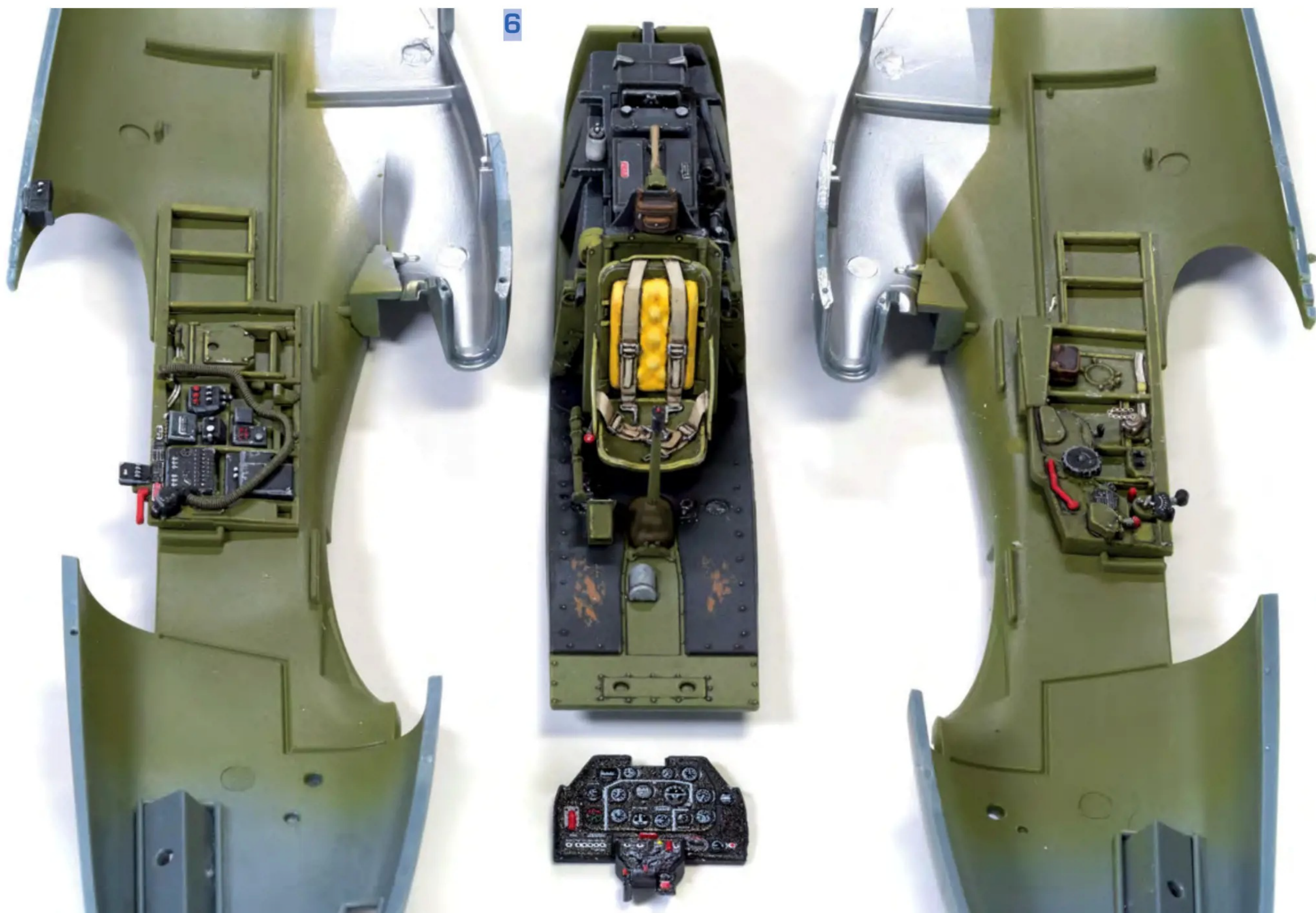
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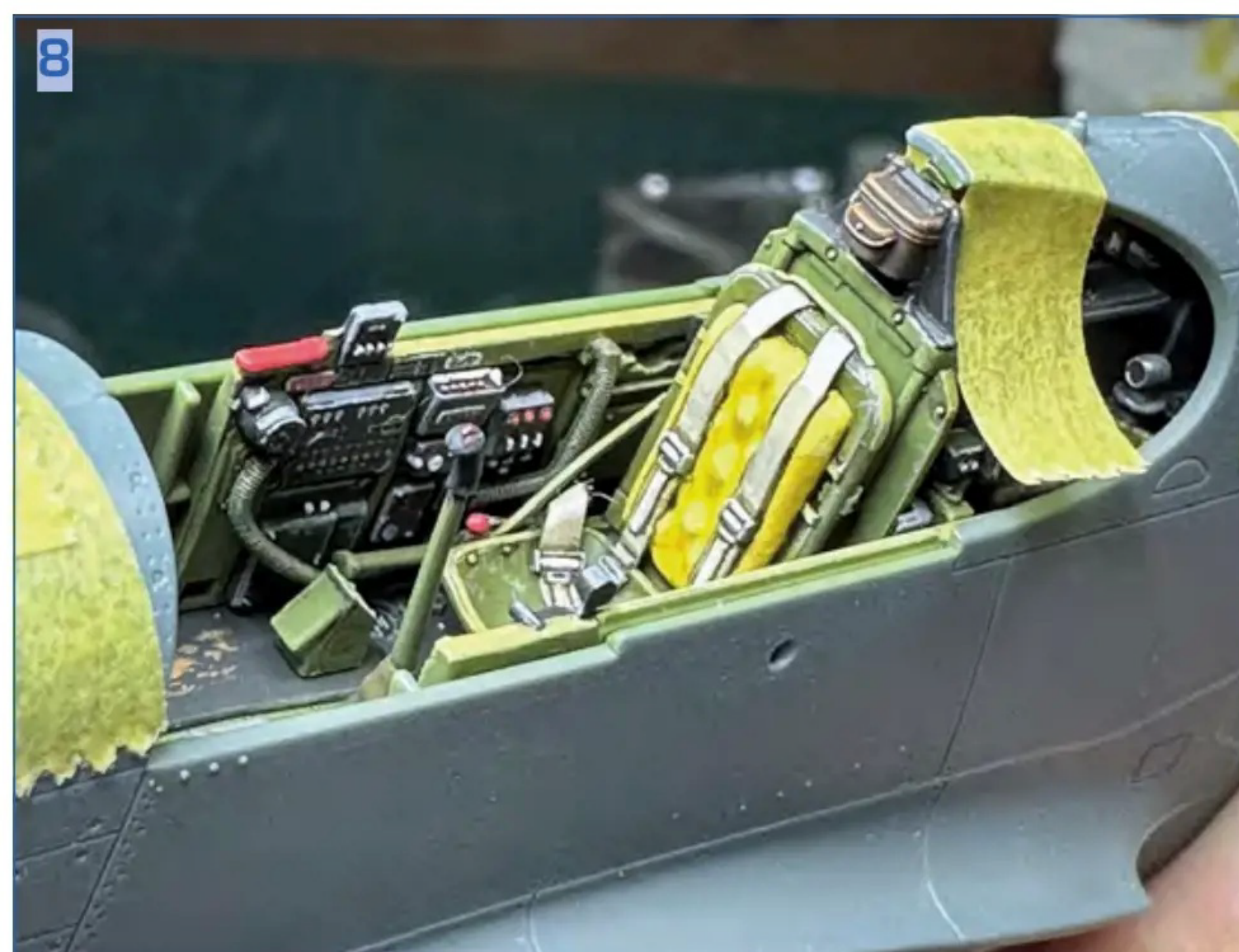
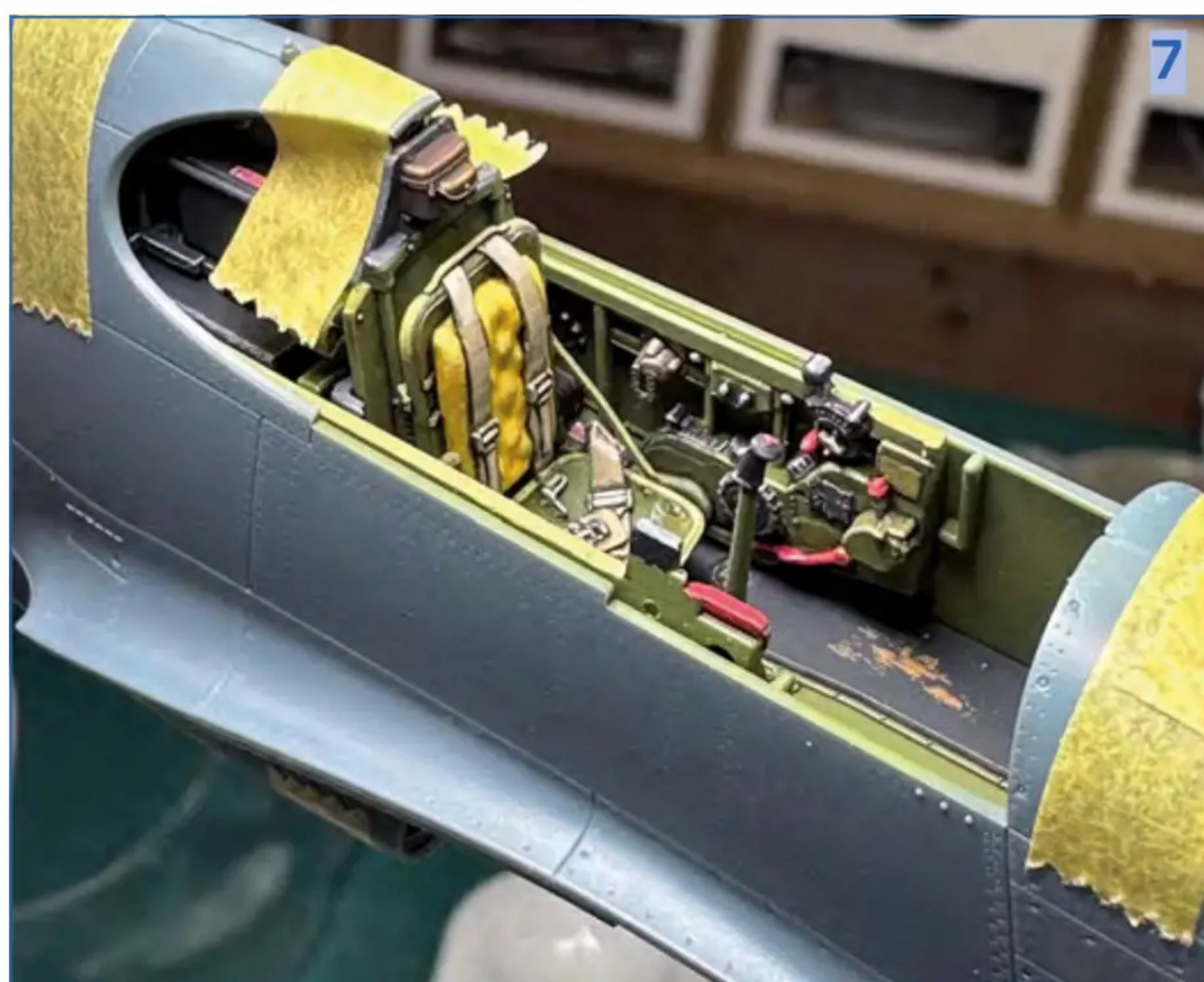
❶ FITTING TWO HALVES

Once the cockpit was completed, the project moved on rest of the fuselage. One notable feature of the kit is the seam on the top centre engine cover panels. Eduard designed a gap of appropriate width to serve as the panel line, eliminating the need for rescribing, which was a welcome feature. However, the detail at the edges of the mould along the seam was somewhat subdued, requiring some minor restoration of rivet and fastener

details. Per the Mustang's design, most of the seams along the fuselage halves did not align with panel lines, so Tamiya Extra Thin Cement followed by light sanding and minor rivet work were applied to address them.

The fit tolerances of this model are very precise, so I took extra care to ensure that all interfaces were correct before applying glue. The windscreen and the top of the fuselage behind the firewall are moulded as one piece, making it crucial to ensure that the

fuselage width matches that of the windscreen. Additionally, the fit of the wing assembly was very tight, so I conducted several rounds of test fitting to verify the proper height and width. Given the fit tolerances, it made sense to glue the cockpit assembly to the starboard side of the fuselage interior only. This allowed me to flex the fuselage as needed to ensure a perfect fit of the windscreen and wing root seam when these components were joined together [pics 7, 8].



GETTING LAMINAR FLOW

Many P-51 Mustang enthusiasts are familiar with the special factory treatment applied to the aircraft's wings to enhance aerodynamics and laminar flow. This involved puttying and sanding smooth all panel lines on the forward part of the upper and lower surfaces, along with the application of a smooth surfacer compound. The exceptions were the ammunition and machine gun bays, as well as access covers. Most model companies include all panel lines by default in their kits, and Eduard follows this practice as well. However, for authenticity and aesthetic appeal, puttying and sanding the Mustang's wings is a rewarding extra step. Using Mr. Surfacer in multiple applications and sanding cycles, I filled and smoothed the appropriate wing panel lines before assembling the wings [\[pic 9\]](#).

Due to the tight fit tolerances of the kit, precise assembly of the wings is crucial. The fit of the landing gear bay determines the height of the wing root seam, the position of the landing gear, and the dimensions of the flap interface. Careful test-fitting of all components and applying glue only where necessary – such as on the wing leading edges and around the landing gear bay bottom opening – ensures the wing is properly aligned without gaps or misalignments. This approach also allows for checking the fit of the flaps before final assembly. The kit provides the flaps in the down position, and Eduard accurately replicates the thin clearance between the flap and wing interior, creating a convincing portrayal of extended flaps. It's essential to ensure the wing's rear interface is correctly sized to prevent

gaps or misalignments between the flap edge and the wing edge, a step that was verified during earlier test fits.

Prior to gluing the wing halves together, I painted and installed the red, green, and amber recognition lights, which Eduard supplies as clear parts. After painting the inside surfaces of each light in the appropriate colours, shiny aluminium foil was added as a reflective surface and masks provided by Eduard covered the exterior lenses during painting. Additionally, the machine gun spent shell and clip ejection ports were reinforced with plastic card [\[pics 10, 11, 12\]](#).

I encountered a minor challenge with the landing light on the port wing leading edge, where a slight gap remained after assembly. To address

this, I applied a small amount of UV cure resin, followed by sanding and polishing to achieve a smooth finish [\[pic 13\]](#).

Overall, the remainder of the build proceeded smoothly, despite encountering some errors in the instructions regarding the wing fuel tank mounts and the pitot tube locations. The landing gear parts, however, were impressively detailed and designed for accurate positioning within the landing gear bay [\[pic 14\]](#). I enhanced realism by adding brake lines using thin copper wire. I also made slight adjustments to the strut to ensure proper clearance for the resin wheels included in the Royal Class kit, which I found slightly oversized and nearly touching the bottom of the main strut. 🎬





➊ ADDING COLOUR... AND B&W

In the Royal Class boxing, Eduard offers profiles and decals for fourteen attractive marking schemes:

- A** P-51B-10-NA, s/n 43-6934, Capt. Henry White, 328th FS, 352nd FG, 8th AF, Bodney, Great Britain, June 1944
- B** P-51B-10-NA, s/n 106472, Lt. Carlton Fuhrman, 486th FS, 352nd FG, 8th AF, Bodney, Great Britain, June 1944
- C** P-51B-10-NA, s/n 43-6688, 1Lt. Arval J. Roberson, 362nd FS, 357th FG, 8th AF, Leiston, Great Britain, June 1944
- D** P-51C-1-NT, s/n 42-103309, Lt. William B. Overstreet, 363rd FS, 357th FG, 8th AF, Leiston, Great Britain, June 1944
- E** P-51B-10-NA, s/n 42-106448, Cpt. Henry W. Brown, 354th FS, 355th FG, 8th AF, Steeple Morden, Great Britain, June 1944
- F** P-51B-15-NA, s/n 42-106924, Lt. Ralph K. Hofer, 334th FS, 4th FG, 8th AF, Debden, Great Britain, June 1944
- G** P-51B-15-NA, s/n 43-6425, Maj. Jack T. Bradley, CO 353rd FS, 354th FG, 9th AF, A.2 Criqueville, France, June 1944
- H** P-51B-10-NA, s/n 42-106647, Capt. John R. Brown Jr., 382nd FS, 363rd FG, 9th AF, Staplehurst, Great Britain, June 1944
- I** P-51B-15-NA, s/n 42-106763, Capt. George R. Rew, 374th FS, 361st FG, 8th AF, Bottisham, Great Britain, June 1944

J Mustang Mk.III, FB382, S/Ldr Eugeniusz Horbaczewski, No. 315 (Polish) Squadron, RAF Coolham, Great Britain, June 1944

K P-51B-7-NA, s/n 43-6913, Capt. Dominic S. Gentile, 336th FS, 4th FG, 8th AF, Debden, Great Britain, March-April 1944

L P-51B-5-NA, s/n 43-6819, Capt. Duane W. Beeson, 334th FS, 4th FG, 8th AF, Debden, Great Britain, March-April 1944

M P-51B-15-NA, s/n 42-106839, Lt. Robert Eckfeldt, 374th FS, 361st FG, 8th AF, Bottisham, Great Britain, June-July 1944

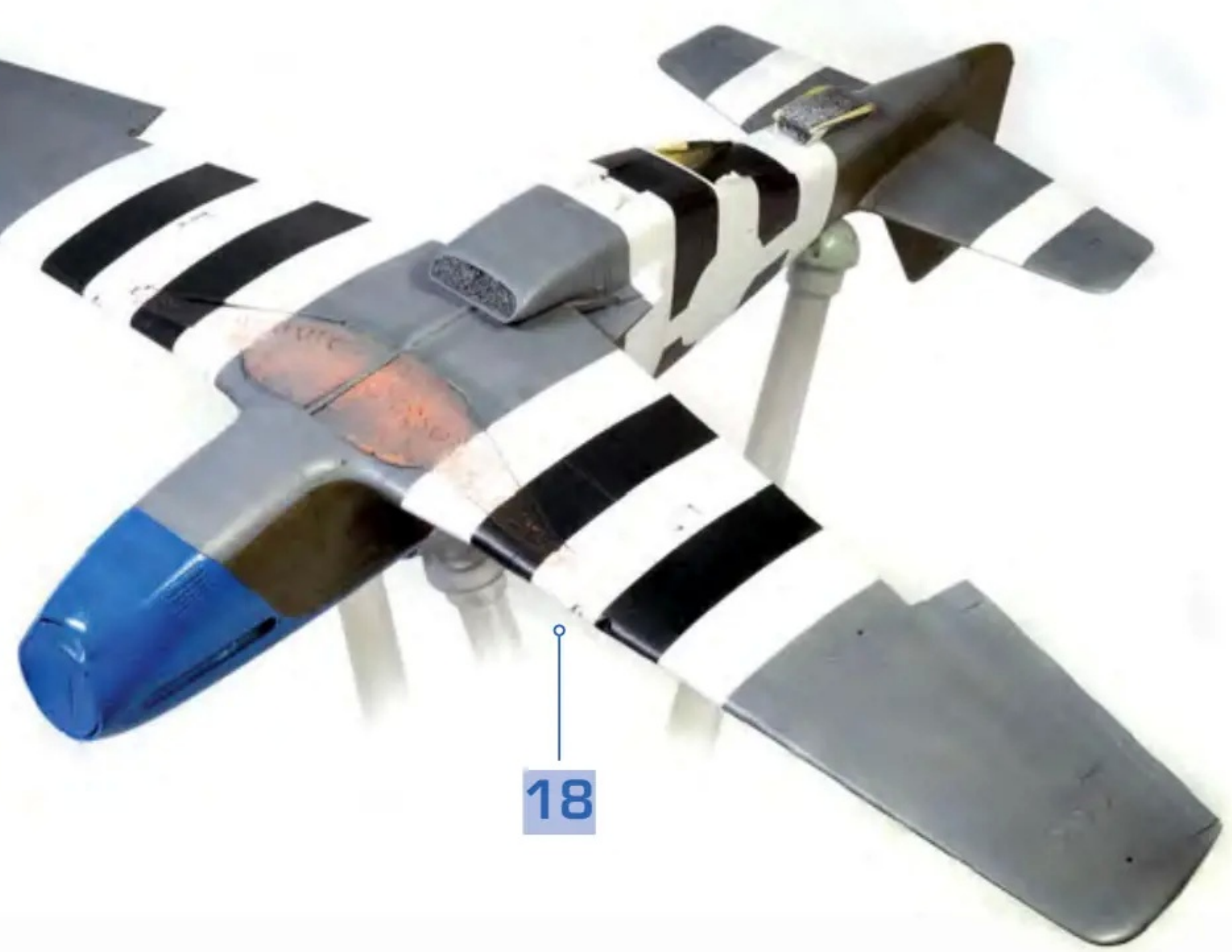
N P-51B-15-NA, s/n 42-106942, Col. Thomas Cristian, CO of 361st FG, 8th AF, Bottisham, Great Britain, June 1944

Scheme A, 'Dallas Darling' piloted by Capt. Henry White of the 328 FS, 352 FG, was my choice, particularly due to its vibrant colour combination. My goal was to depict the aircraft as it appeared early on the morning of June 6th, 1944, with freshly painted invasion stripes. Starting with a primer of grey Mr Surfacer 1500, I applied Mr Color lacquers largely following the kit's instructions, adjusting the colours slightly to enhance contrast. White was the first colour down for the invasion stripes and theatre stripes on the stabilizers. Instead of plain black, I used 'tyre black' for the black stripes to soften their appearance. I

also took care to mask the area for the US insignia on the fuselage sides, anticipating potential transparency issues with Eduard decals, particularly concerning the black and white stripe background. After masking off the stripes, the underside was painted neutral grey. Notably, the kit includes mask plugs for the landing gear bay openings, a thoughtful time-saving feature. Next, I applied olive drab to the upper surfaces. For the distinctive blue nose, I masked it using thin strips of flexible Tamiya tape, then applied Mr Color C65 Bright Blue, adding a faded effect in some areas by mixing in a bit of white [pics 15, 16, 17, 18].

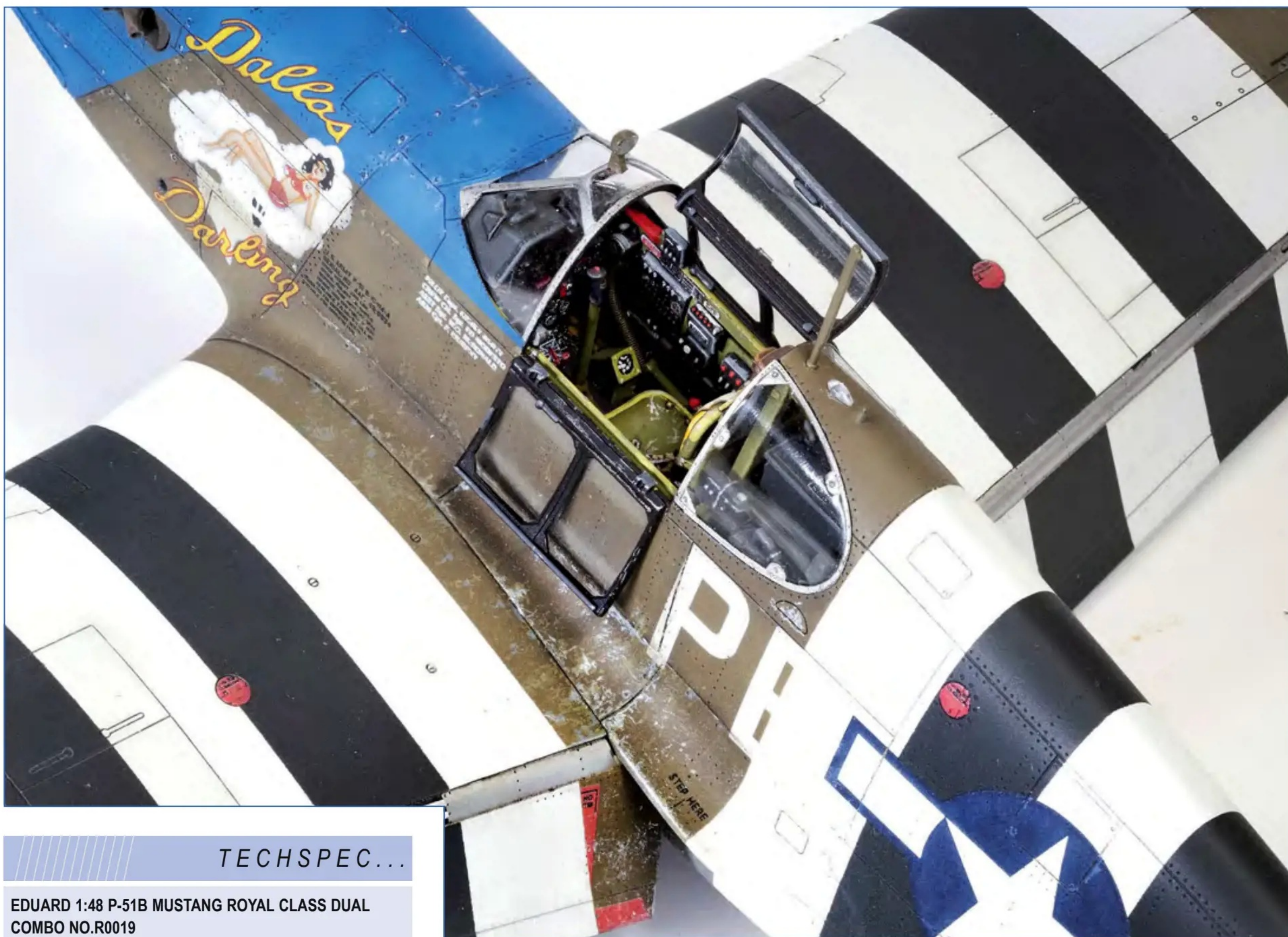
The kit decals were used for all markings. The decal film was removed with mineral spirits for a seamless appearance. Weathering focused primarily on areas outside the invasion stripes. Given the aircraft's 1943 serial number, it was likely to have seen action in theatre for several months before D-Day. Weathering techniques included an oil panel line wash, a mix of Tamiya Acrylic black and brown on various panel lines, minimal exhaust staining based on an original photo of the plane and adding chips and scratches using acrylics and coloured pencils. ▶





*This kit is a true gem,
and I thoroughly enjoyed
working on it...*





TECHSPEC...

EDUARD 1:48 P-51B MUSTANG ROYAL CLASS DUAL COMBO NO.R0019

Materials:

Injection-moulded polystyrene, 3D-printed resin, cast resin, waterslide decals, photo-etch, copper wire, aluminium foil, sheet polystyrene, pre-cut masks

Paints used:

- Mr Color Lacquers: Mr. Finishing Surfacer, Interior Green, Neutral Gray, Olive Drab, Bright Blue, White, Black, Tire Black, Yellow, Super Fine Silver, Burnt Iron, GX Super Clear Gloss, GX Super Clear Flat
- Vallejo Model Color: Acrylics: Yellow, White, Black, Blue, Grae
- Tamiya Panel Line Accent Color: Black, Dark Brown
- Tamiya Acrylics: Clear Red, Clear Green, Red Brown, Black, Red, White, Deck Tan
- Pro Acryl Acrylics: Silver, Dark Silver
- Abteilung 502 Oils: Black, Snow White, Paynes Grey, Burnt Umber, Raw Umber

Accessories used:

All included in kit boxing

Availability:

Limited edition kit available at many fine hobby shops.
www.eduard.com www.creativemodels.co.uk and good retailers everywhere

CONCLUSION

This kit is a true gem, and I thoroughly enjoyed working on it. The marking scheme is striking and perfectly suited for the 80th anniversary of Operation Overlord. Dallas Darling really stands out in my display case. The kit boasts superb detail, precise engineering, and a great fit. While it requires patience, advance planning, and thorough test

fitting, the result is fabulous. Eduard's Royal Class boxing adds to the enjoyment with a generous selection of extras. The project took me 40 hours to complete, much of which was spent on planning and test fitting. Mustangs are renowned for their vibrant and distinctive markings, and the full invasion stripes on this model elevate it to another level. Bravo, Eduard! ●



www.creativemodels.co.uk

Model by Wayne Hui

Model by Jeremy Moore

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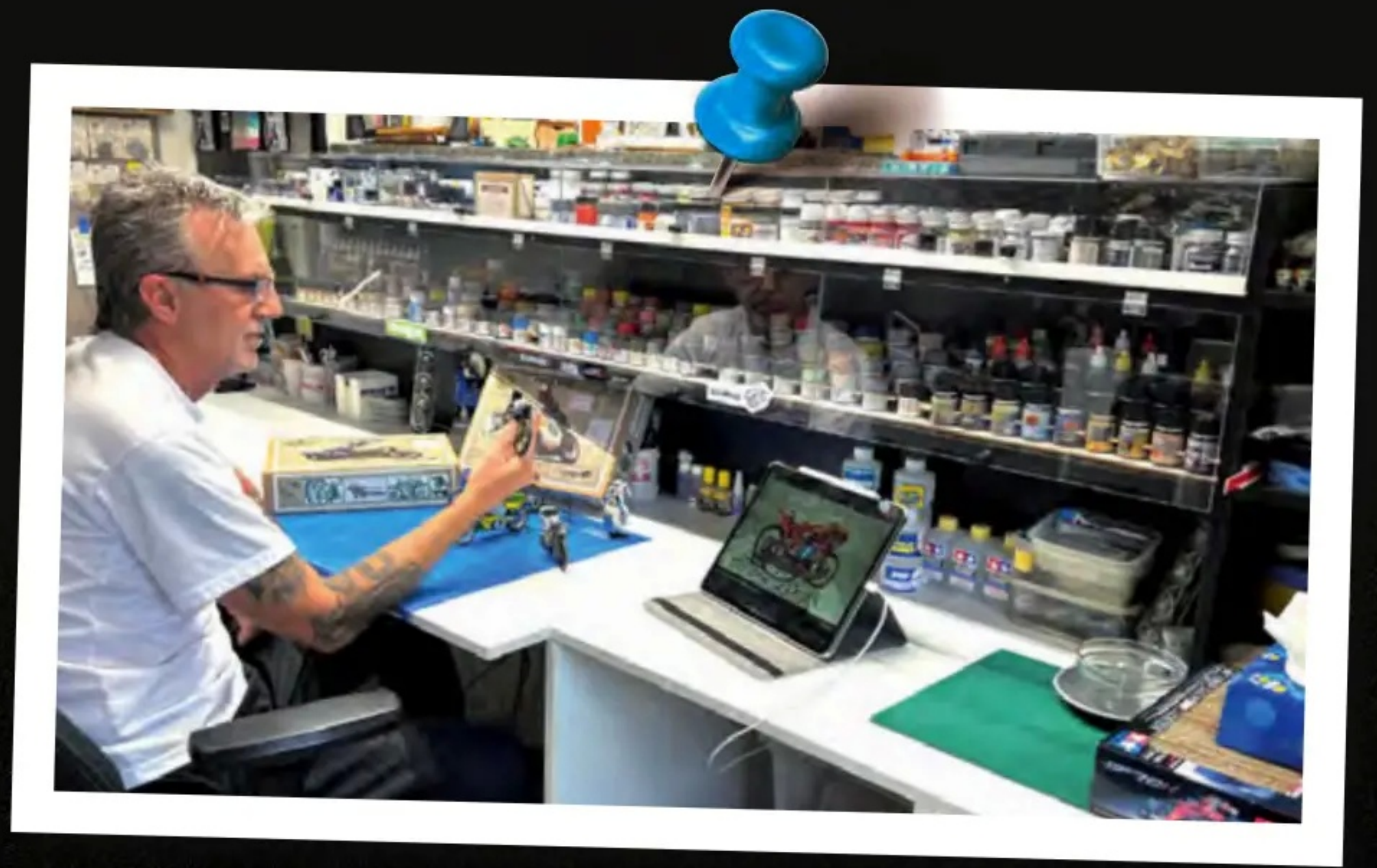
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FULL-BUILD VINTAGE MOTORCYCLE RACER
BRACH MODEL 1:12 OSSA MONOCASCO 250GP 1970 • KIT NO. BM-VR08

TOURISTS TROPHY 250

Rudi Lenaerts has some fun with the brilliant Ossa 250cc Monocasco in 1:12 resin, from Brach Model







Unpacking the highly detailed kit and looking at many parts in resin and photo-etched parts like the chain etc. These parts are marked with a number and letter as well as the paint colours which are easily found in the build plan with the detail-photos of the original bike

The Ossa 250cc Monocasco was a concentration of true cutting-edge technology. Created in 1968, it was the first motorcycle to have a monocoque frame made of magnesium, a technical choice aimed at seeking lightness and rigidity. At the time this material was not widely used and in Spain it was impossible to obtain sheets of this material, therefore they were purchased in the USA. And given that in Spain there were no chambers for welding in an inert gas atmosphere,

the problem was solved by creating a high frequency welding system with an Argon torch.

The result of these efforts resulted in the weight of the entire structure being only 7.5 kilograms, a great achievement for the time. On the front end, under the lower plate of the forks, there is a particular component housed, namely a system designed to limit steering 'chattering'. This mechanism is innovative and consists of a box containing paddles immersed in a special oil. By moving the steering vigorously, these

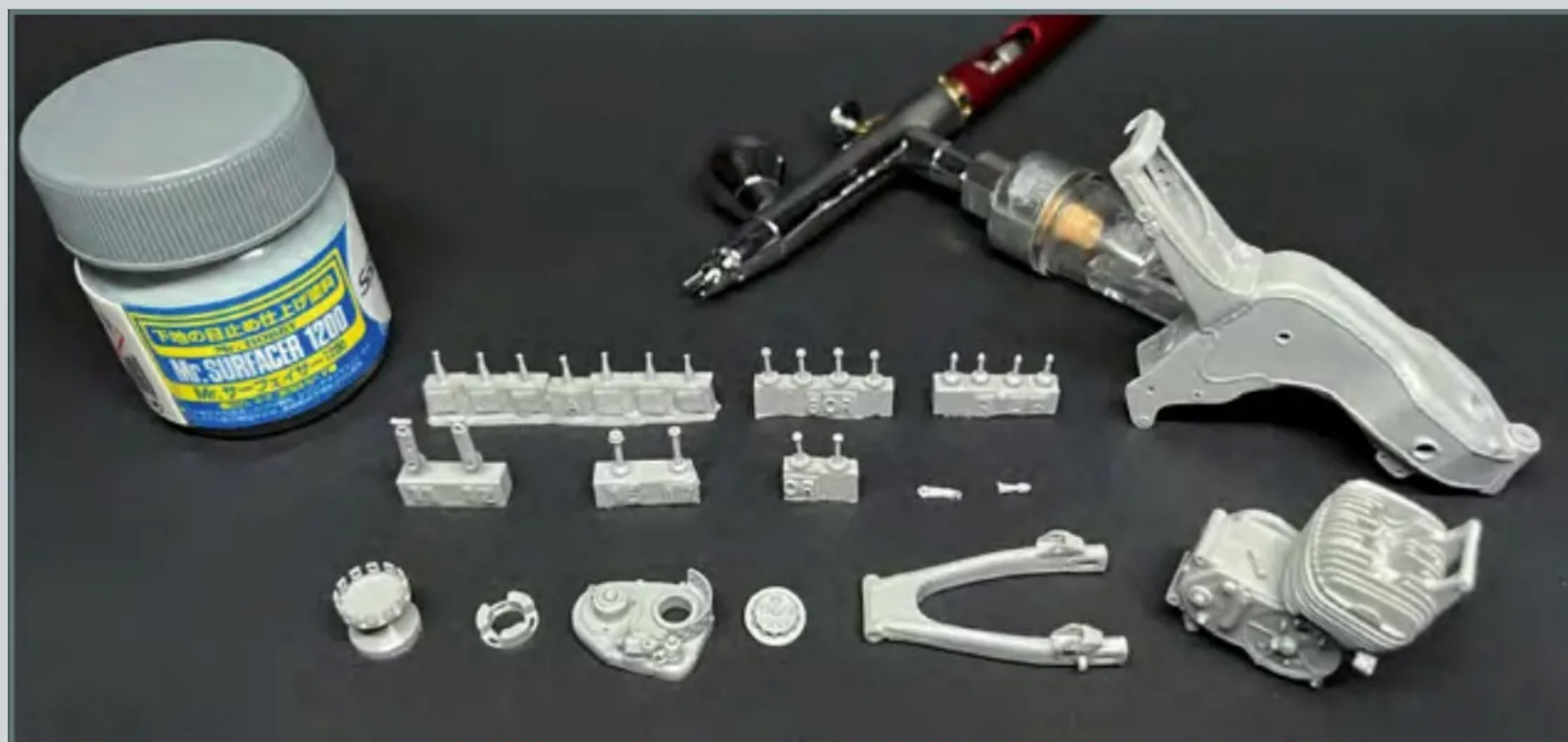
paddles centrifuge the oil, making it denser, creating greater friction and making the mechanism capable of braking the steering movement.

Advanced technology was also applied to some solutions in the engine, which features the rotating-disc distribution and the lubrication mixer which injects the oil not into the carburettor but directly into the crankshaft, making it exit into the connecting-rod head as happens for a four-stroke. The engine was air-cooled with cylinder and head

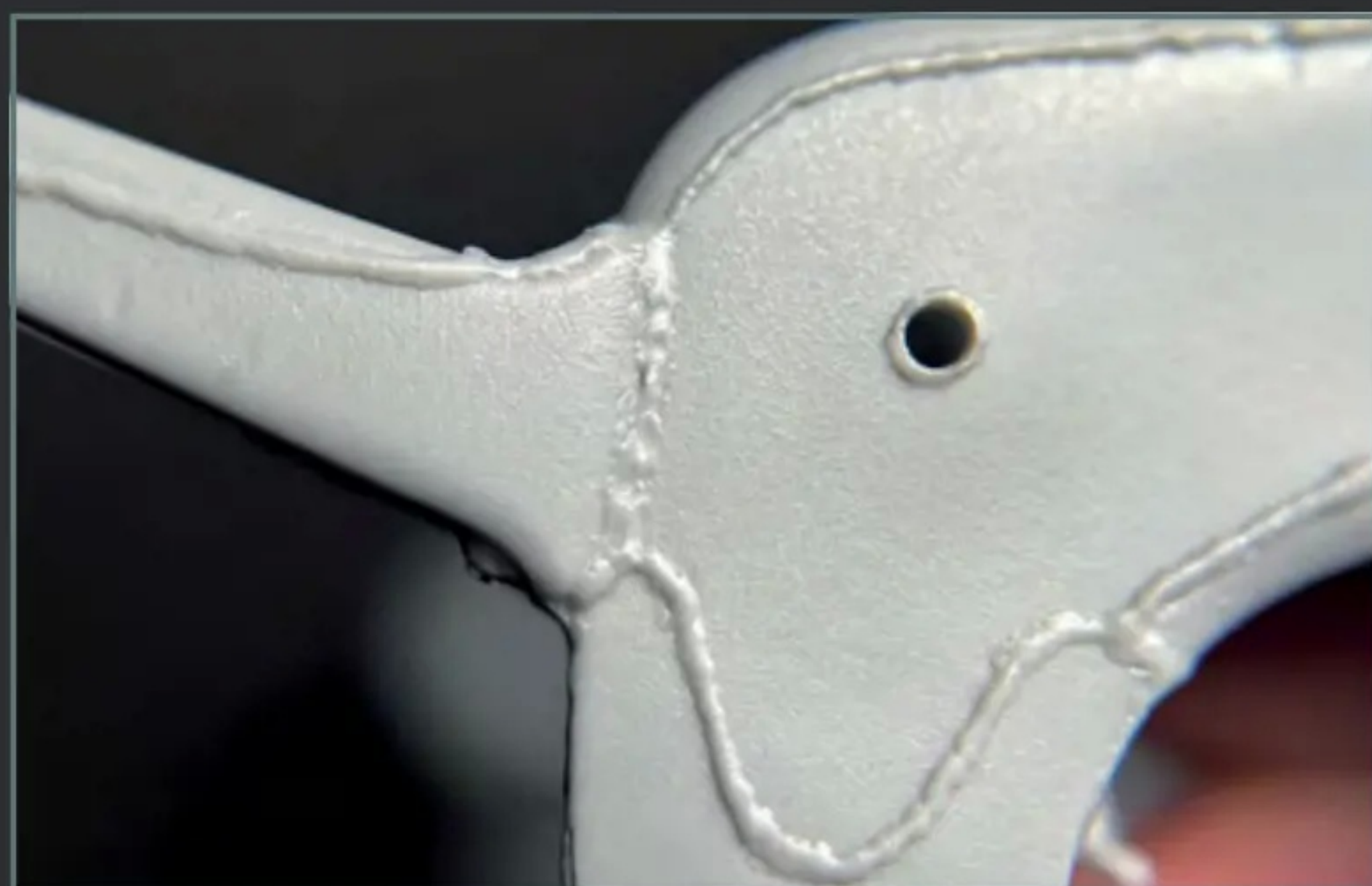
carrying large fins. It had a six-speed gearbox and a multi-plate dry clutch. It was capable of delivering 42HP at 10,000 rpm and was therefore a truly high-performance machine, considering the dry weight of the entire motorcycle was less than 100 kilos. The development of this vehicle, however, had a tragic epilogue and was stopped drastically and definitively by Ossa which withdrew from competitions after the great and talented driver Santiago Herrero lost his life on 8th June 1970, at the Isle of Man TT with this bike. ▶



Here is a picture of the detailed photo-etched parts of the chain, clutch, sprockets and parts for the brake callipers etc. These parts were later assembled with Loctite superglue which I applied with a toothpick



After assembling the engine parts, frame and matching bolts, I sprayed it all in a primer coat of Mr Surfacer 1200 which I diluted with Mr Hobby Thinner in a ratio of 50/50



Here a clear picture of how the welds of the frame are very detailed that will come out perfectly after the weathering, beautiful work again by the master himself Luciano Brach



Detail photo of the cylinder head being constructed from several cooling fins marked on the build plan



After the primer, which dries quickly, I sprayed the parts in Tamiya X-18 Semi-Gloss Black. I let this coat dry for about fifteen minutes, then came the colour. I always use Zero Paints Aluminium 1302 for engines and frames, sprayed in two coats. I let this rest again for about twenty minutes and then gave everything a coat of gloss varnish with Tamiya X-22, to start weathering later

The weathering, I use Tamiya Panel Line Accent Color for all my models. You can get these in different colours and I mostly use Black. For this model I used Black for the engine, Black and Brown for the frame, plus Dark Brown and Light Grey. When you apply the Panel Line Accent Color to the part with a brush, you will see that it starts to flow into all the seams. After about fifteen minutes of drying, I used AK Odourless Thinner with Q-Tip or a brush to remove the excess until I was satisfied with the result. Make sure that the part is gloss varnished in advance - if this is not done, the Panel Line liquid will be absorbed by the underlying paint and you can no longer remove it.



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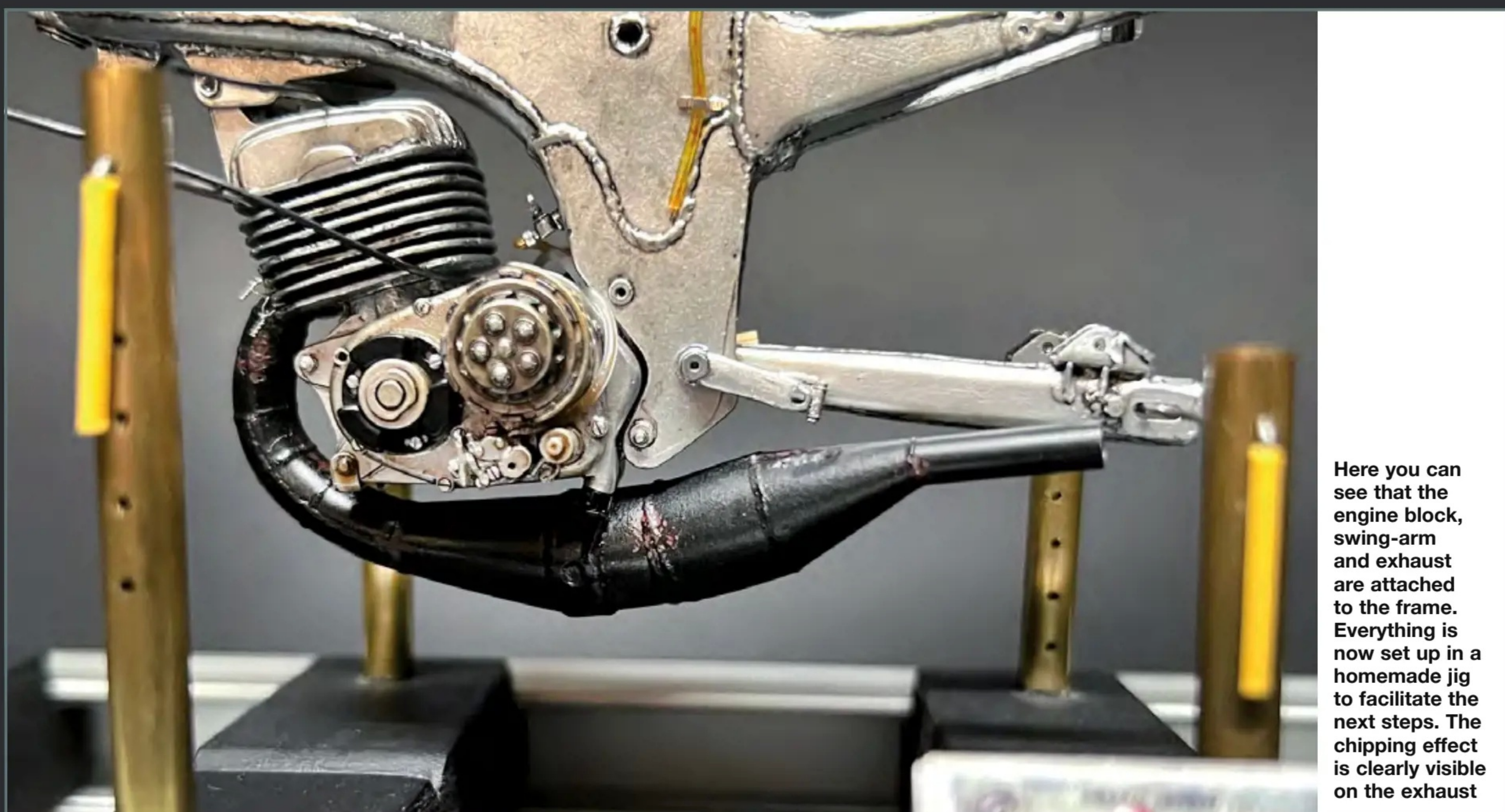
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For the weathering of the frame I used also Tamiya Panel Line Accent Color Black, Brown, Dark Brown and Light Grey. Again it is very important that the frame is coated first with Tamiya X-22 Clear. Another detail in this photo is the fuel hose. Here I used Tamiya X-24 Clear Yellow with Tamiya Lacquer Thinner, injecting it with a medical syringe. I let this dry for about ten minutes and then squeezed with tweezers at various places along the hose to recreate air bubbles in the fuel line



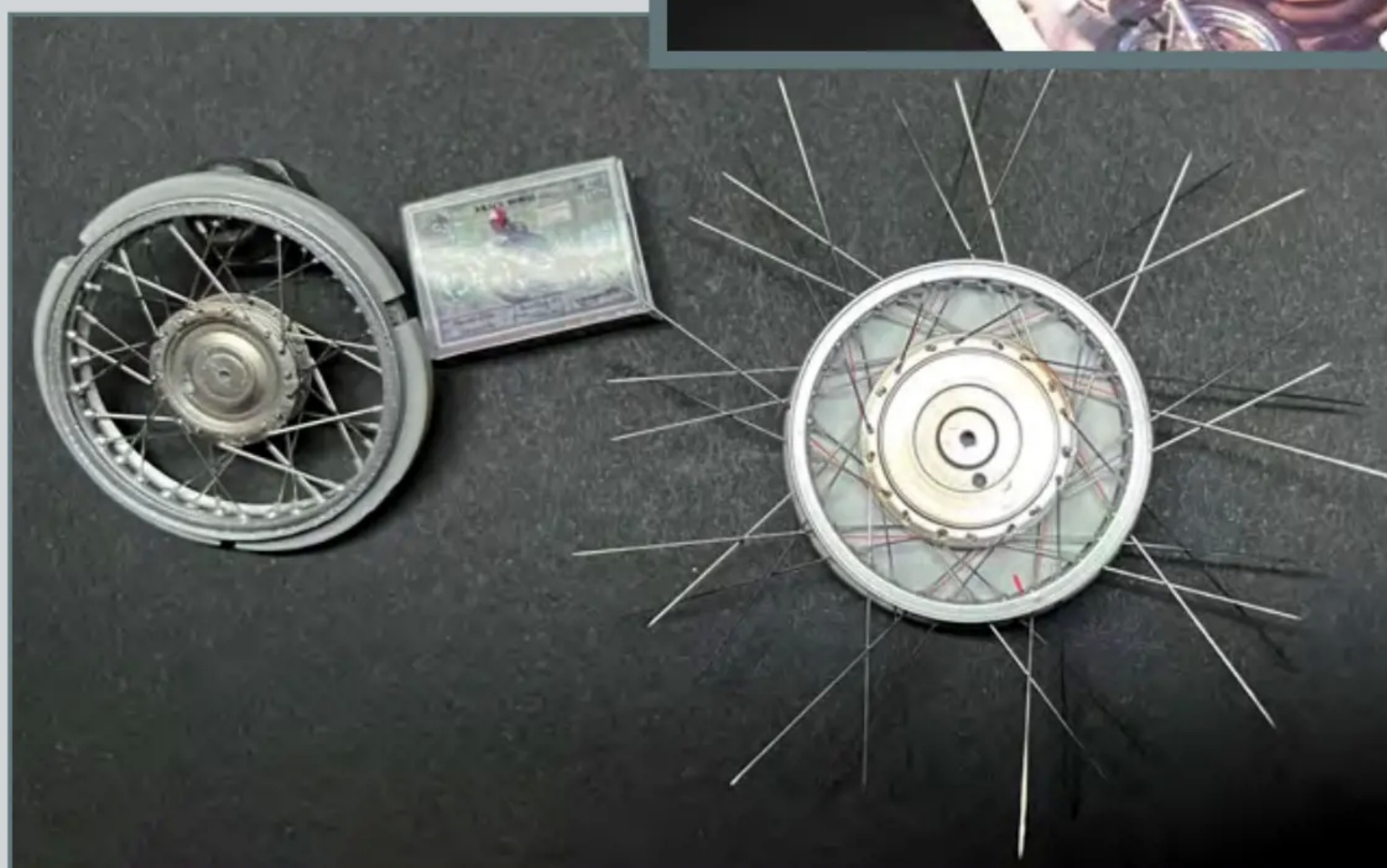
The exhaust was primed with Mr Surfacer 1200, then a first layer of Tamiya X-18 Semi-Gloss Black, followed by a layer of Tamiya XF-9 Hull Red. After ten minutes, I sprayed hairspray over the entire exhaust – one layer is sufficient – letting it dry for about twenty minutes, then the final layer of Tamiya X-18 Semi-Gloss Black was applied. After a drying time of thirty minutes I started the chipping effect using warm water and a small brush. I made short circular movements with the brush over the welds or other places on the exhaust, regularly dabbing the brush back into the water. After a short time the Tamiya X-18 will dissolve and you will see the layer below, the Tamiya XF-9 Hull Red



Here you can see that the engine block, swing-arm and exhaust are attached to the frame. Everything is now set up in a homemade jig to facilitate the next steps. The chipping effect is clearly visible on the exhaust

Let me introduce myself. I'm Rudi Lenaerts, I was born in 1963 and live in Belgium. My passion for modelling started with radio controlled gliders at the age of fifteen and so grew to plastic modelling. My passion for the Brach Models started to interest me after a back surgery in the year 2014, because of the long recovery I saw on the internet the Brach Model kit of the Garelli of Fausto Gresini made by fellow TMMI contributor Gennaro Zappa. I was so interested in this bike that I ordered the kit right away and built it. Because I was so satisfied with the result, my interest in the Brach Model kits continued to grow, so now I have been able to build many models. Meanwhile, I have a nice contact with the maestro Luciano Brach! ●

I personally think the spokes of the wheels are a beautiful detail by Brach Model. The spokes are made as if it is a scale of 1:1. The method may seem complicated, but if you follow the plan it is simple and although it does take some (it took me about three hours) the result is impressive



In this photo you can see the wheel being spoked. You can see that the rim and axle are in a corresponding mould and on the left, the finished wheel that is ready to place the outer rim on it. The ends of the spokes are already bent in advance



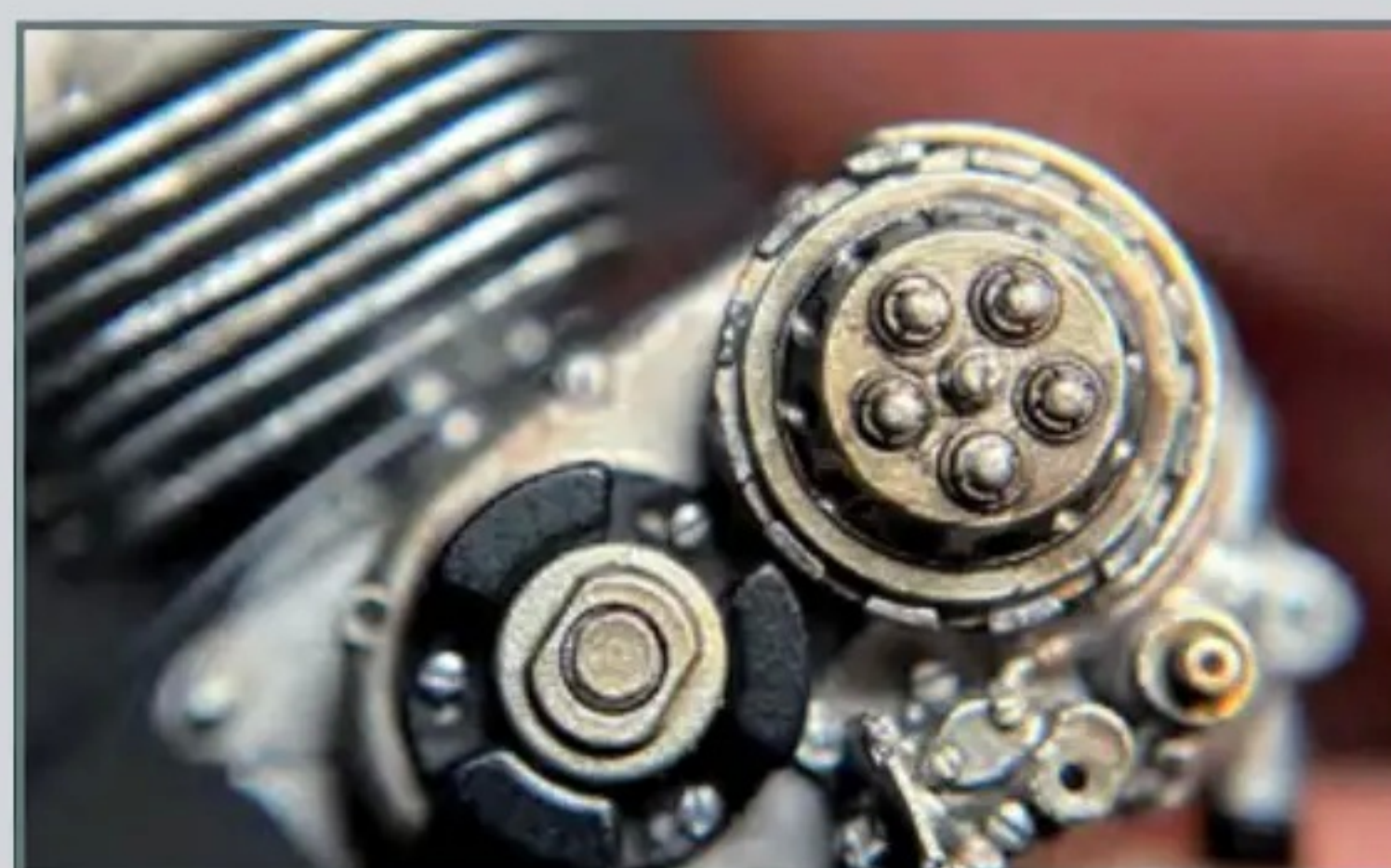
The finished front and rear wheel, with the weathering of the axles done in the same method as the frame and engine block, using Tamiya Panel Line Accent Colors



Close up photo of the weathered front wheel hub



Here is the pre-treatment of coating the frame with Tamiya Panel Line Accent Color, so that it can dry for about fifteen minutes, after which the excess is removed with odourless thinner and an Q-Tip



Close up photo of the photo-etched clutch and ignition coil



Assembling the photo-etched parts to assemble the clutch. They were glued together with Loctite 3 super glue

The front fork consists of two steel rods that are supplied with the kit. The forks are held together in the frame with the supplied bolts and nuts and the handlebars placed over the steel rods at the same time



FULL-BUILD VINTAGE MOTORCYCLE RACER

BRACH MODEL 1:12 OSSA MONOCASCO 250GP 1970 • KIT NO.BM-VR08



Here the cabling is fitted, which is of course supplied with the kit, the various lengths being noted in the instructions. The seat has been sprayed in Tamiya X-18, with the rear part painted with Zero Paints 1026 Pure White, followed by a layer of Tamiya X-35 Semi-Gloss Clear



I used plasters for the hand grips, first spraying them in Tamiya XF-7. Once dry I cut off a 2mm strip which was then wrapped around each handle bar. After this, they were brushed with AK Interactive pigments so that they took on a used appearance



The photo etched chain is composed of two layers plus the resin rollers: it took about two hours to assemble. I sprayed the entire chain with a first layer of Tamiya X-18 Semi-Gloss Black, then a layer of Zero Paints Aluminium 1302



The decals are supplied with the kit and you have to cut them out manually, but that is no problem. The fairings were sprayed with three layers of Zero Paints 1026 Pure White, then a layer of Tamiya X-22 Clear. I applied the decals based on the attached images. I let it harden for twenty-four hours so that I sprayed the Tamiya X-35 Semi Gloss Clear varnish over it as a finishing layer. Why semi gloss? At that time, this version of fairings did not yet have a glossy effect



TECHSPEC...

BRACH MODEL 1:12 OSSA MONOCASCO 250GP 1970 KIT NO.BM-VR08

Materials:

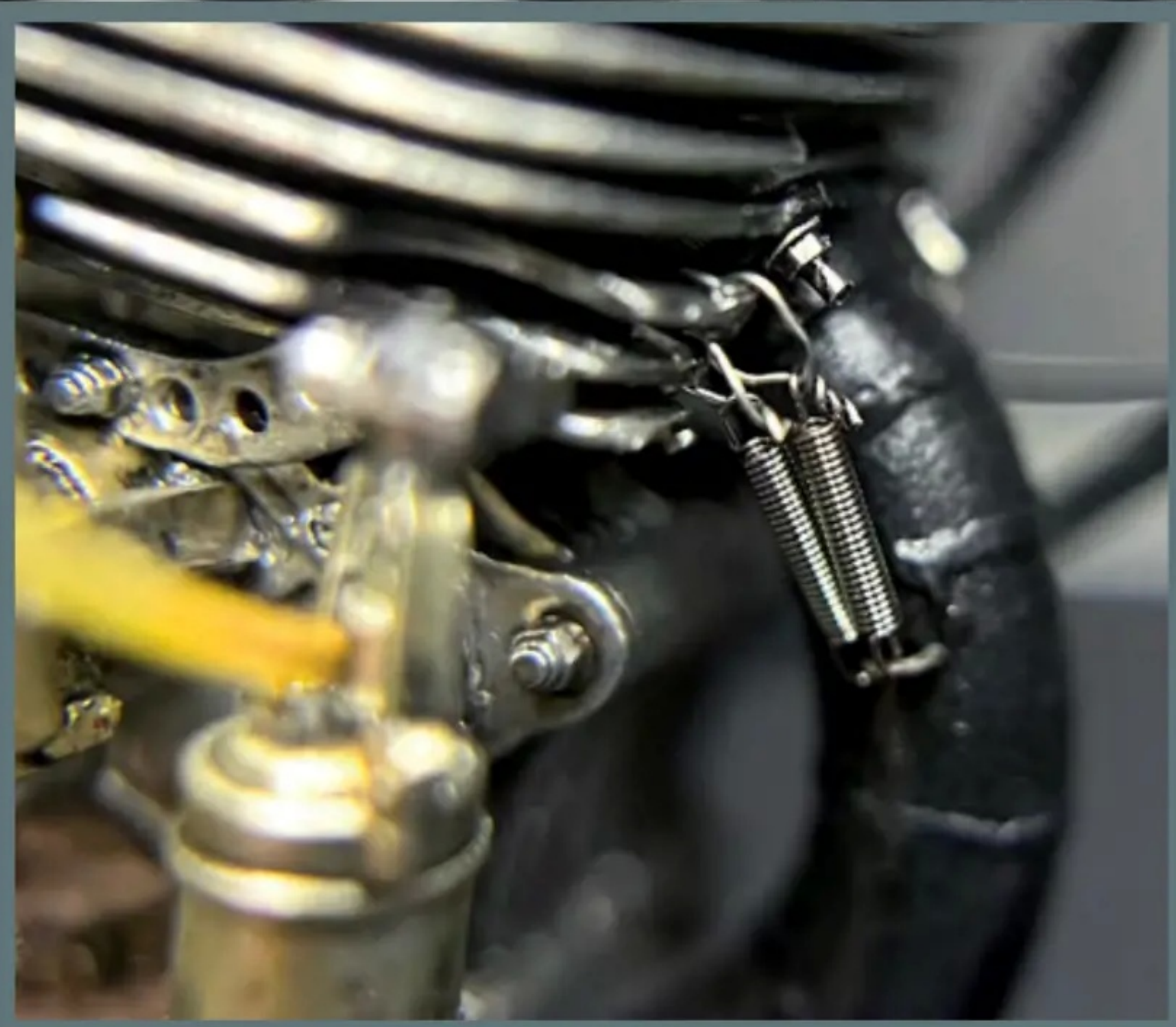
Cast resin, photo-etched metal, steel springs, tubing, vacuum-formed plastic, waterslide decals

Paints used:

- Tamiya Acrylics: X-18 Semi-Gloss Black, X-22 Clear, XF-9 Hull Red, X-35 Semi Gloss Clear, X-24 Clear Yellow, XF-7 Flat Red
- Tamiya Panel Line Accent: Color Black, Brown, Dark Brown, Light Grey
- AK Interactive: Odourless Thinner
- Mr Hobby: Mr Surfacer 1200
- Zero Paints: 1302 Aluminium, 1026 Pure White

Availability:

- Brach models and accessories are available from www.brachmodel.it
- Zero Paints: www.zero-paints.com



Close up of the springs to attach the exhaust to the engine.
All the details are supplied with the kit



LEVEL 4
★★★★



Can be finished as either an Ar 240 A-01 or A-02

03798 Arado Ar 240, 1:72

LEVEL 4
★★★★



Can be finished as either Do335A-1 or Do335A-12

03795 Dornier Do 335 Pfeil, 1:48

LEVEL 4
★★★★



03803 Airbus A340-300 "Lufthansa" New Livery, 1:144

LEVEL 5
★★★★★



05458 Darwin's Discovery Barque H.M.S. Beagle, 1:96

LEVEL 2
★★★



01214 TIE Advanced x1 (Bandai), 1:72

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ROLLING (WAR)

What happens when you combine the world of model-making with that of online video games? You get a wonderfully imaginative 'War Thunder' vehicle, camouflaged in a crazy urban camouflage, that's what. Let battle commence! **Spencer Pollard** engages in some urban combat...



R) THUNDER...



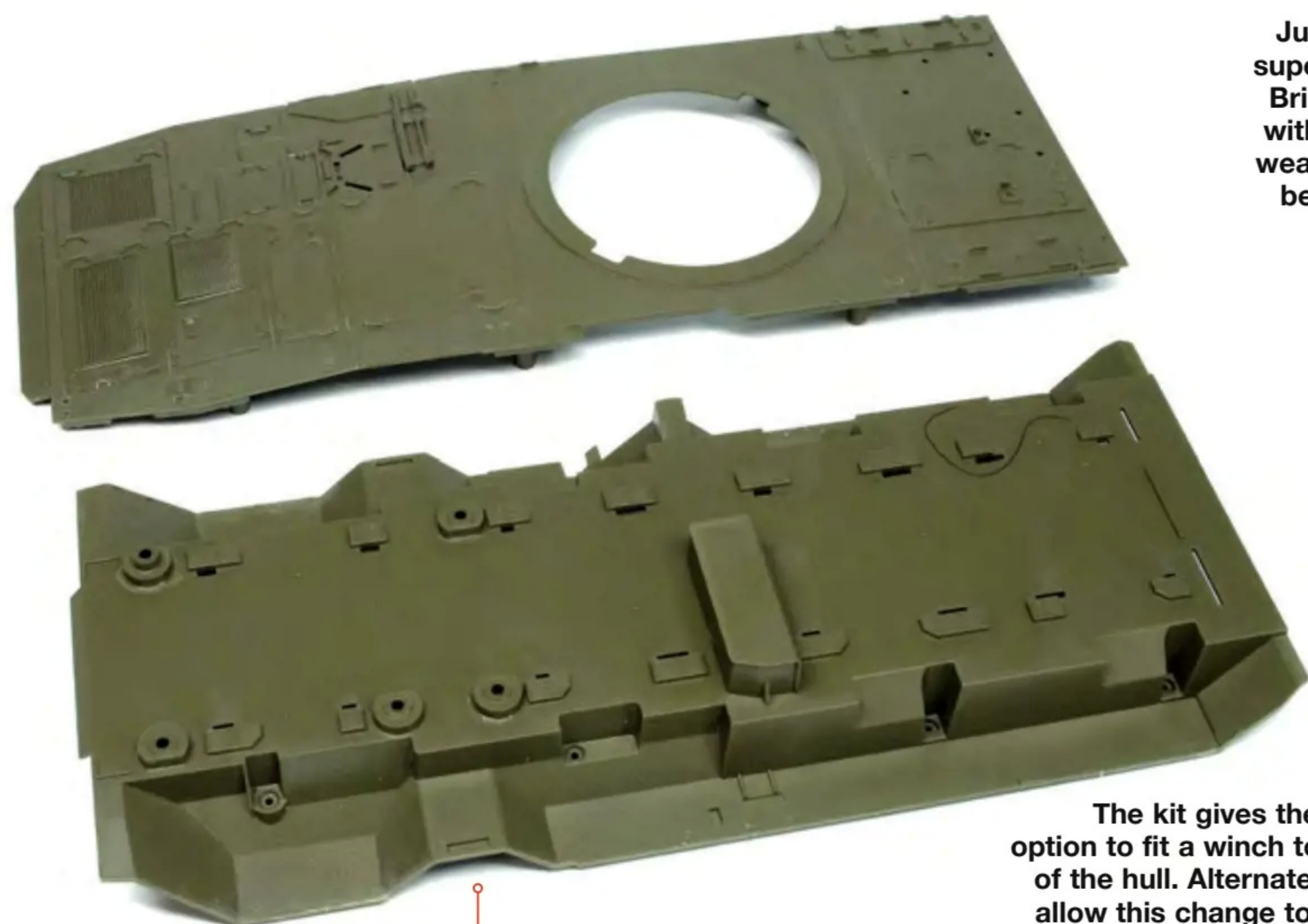
In the main, builds for this magazine will almost plan themselves. New kits arrive, you tackle them from the box, paint the results and hey presto! You have a complete feature that we hope readers will enjoy and be inspired by. Sometimes though, things take a turn in another direction.

Having already built the Tamiya Type 16 for an in-depth feature when the kit

came out (TMMI Issue 273, July 2018) our Editor was looking for something a little different this time around. Given that this vehicle, along with all others from the JGSDF, are painted in a three-tone scheme of Olive Drab, Dark Green and Brown, there is precious little that you can do with it to create a model that looks a little different.

Initially, we toyed with the idea of

one finished in a patchy winter-white scheme. We found plenty of images of other vehicles so painted and figured this one might look good with its sombre camouflage broken up with white and then heavily weathered. A lack of winter crew put paid to that, so we looked elsewhere. And then, out of the blue, Marcus found some images from the online 'War Thunder' game...



The hull comprises two large sections: a lower bathtub and large, upper plate. Both parts are superbly moulded

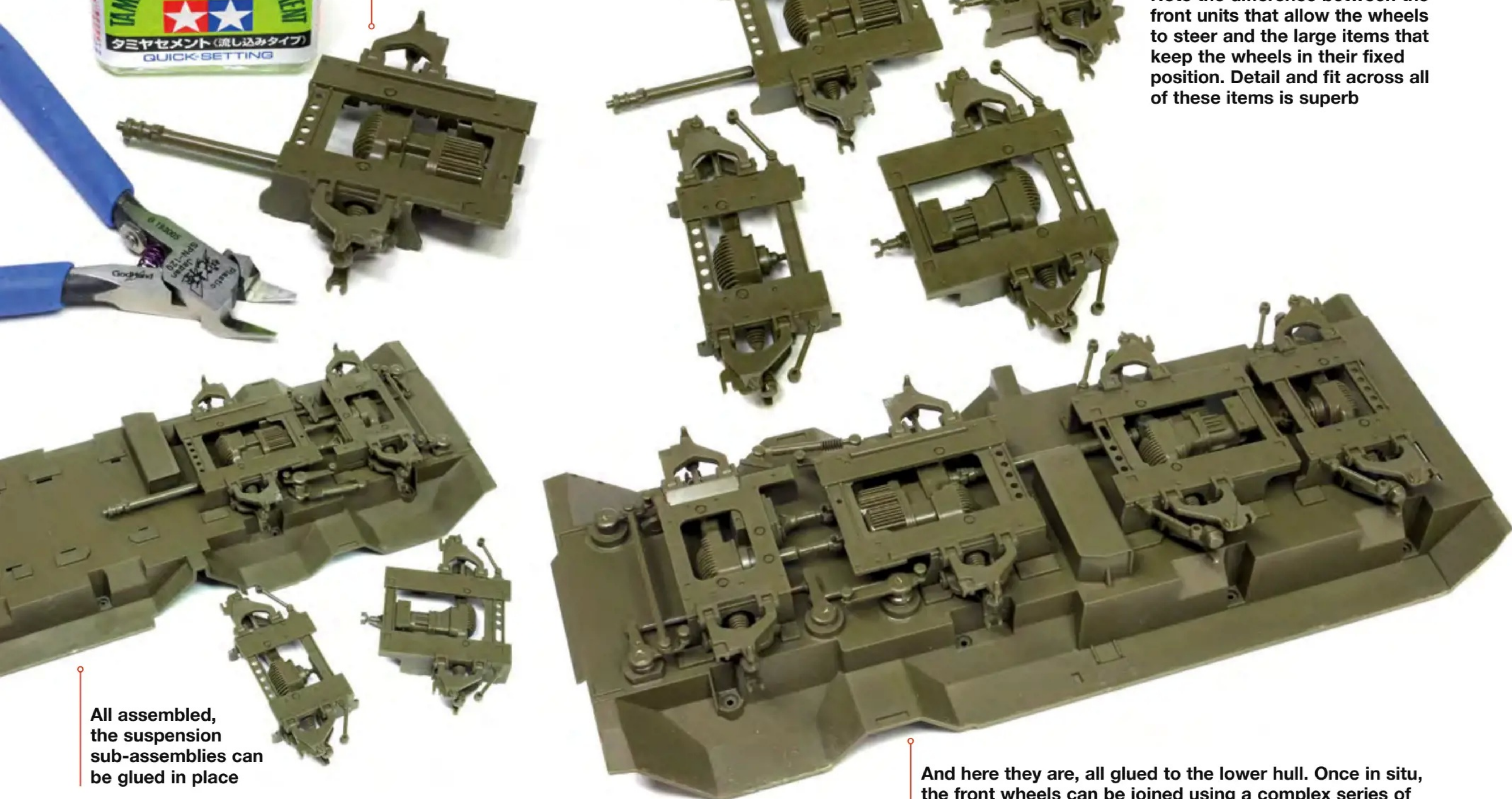
The kit gives the modeller the option to fit a winch to the rear wall of the hull. Alternate upper panels allow this change to be made, the panel allowing the winch to be fitted, being already glued in place

Just look at that superb grill detail! Bringing that out with painting and weathering would be a lot of fun...



Though complex, the suspension units are easy to assemble using nothing more than a set of fine clippers and a bottle of Tamiya Extra Thin Cement

Each of the large suspension mounts are assembled in order. Note the difference between the front units that allow the wheels to steer and the large items that keep the wheels in their fixed position. Detail and fit across all of these items is superb



All assembled, the suspension sub-assemblies can be glued in place

And here they are, all glued to the lower hull. Once in situ, the front wheels can be joined using a complex series of links that ensure all wheels 'steer' in unison. Poly caps and snap-fit joints, ensure that everything moves as it should

Developed as a large multi-player game, War Thunder allows competitors to command all manner of land, sea and air machines, with almost every machine, ship and aircraft imaginable, having appeared at one time or another. Though the designs take time to offer accurate recreations of those machines, they also bring plenty of additional imagination into play, both in terms

of detail and colour schemes. And this is where our Type 16 comes from, because they just happen to have one that you can use and it just happens to be finished in a scheme that is way cooler than that carried by operational vehicles. Seriously, what's not to like?

The screen-grabs that were sent over showed their Type 16 finished in an urban camouflage made up of two

colours, dark grey and almost white, applied in large, digital blocks. The camouflage covered the upper hull and turret and thanks to grabs that showed the gaming machine from a number of sides, I was able to at least approximate and pattern, with some wiggle room should I chose – as I did – to alter it further using a little of my own imagination. ▶



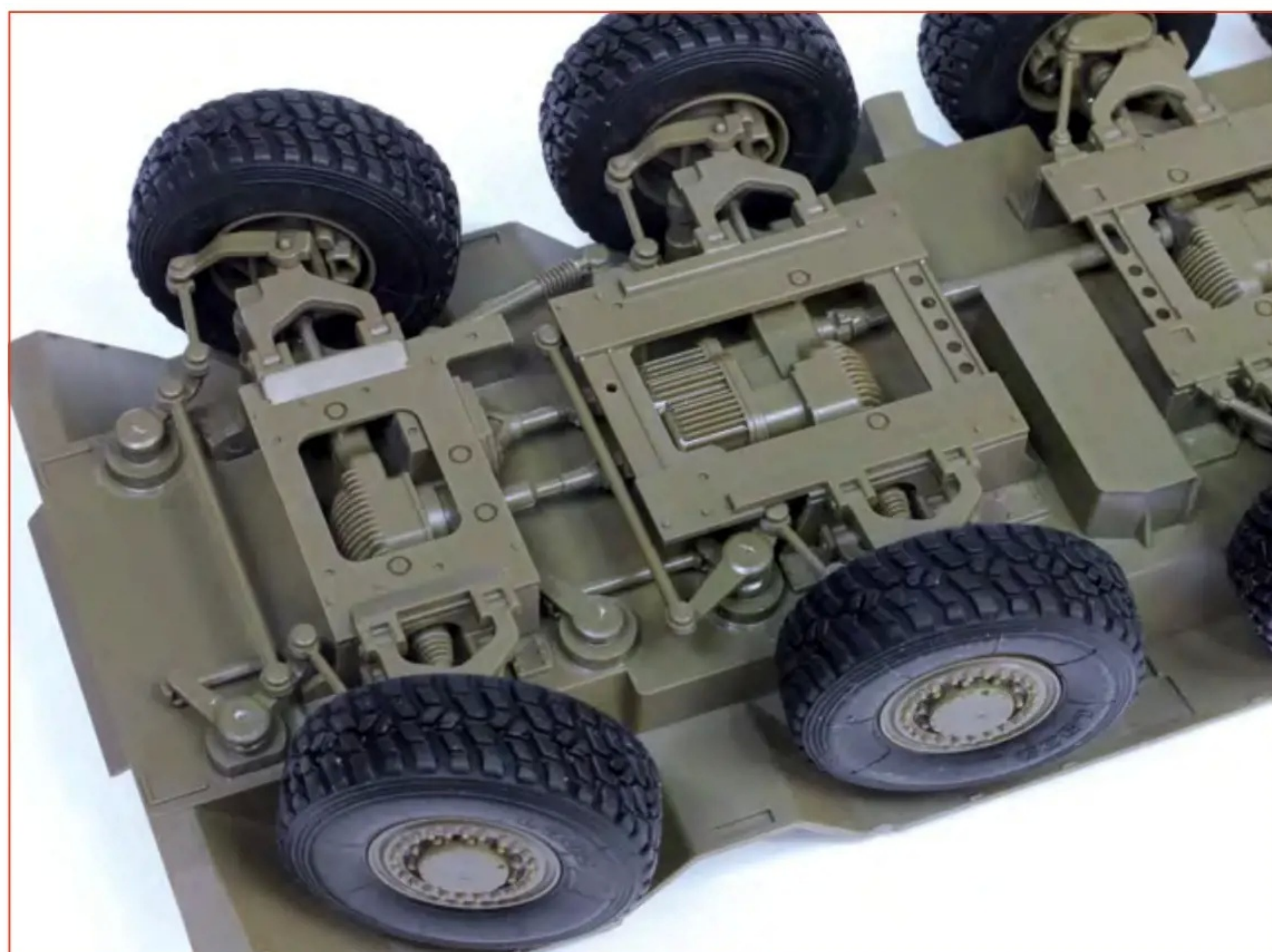
Test-fitting the wheels in place to ensure all eight touch the ground at the same time. Fear not; this is a Tamiya kit and everything sits square and true, straight from the box.



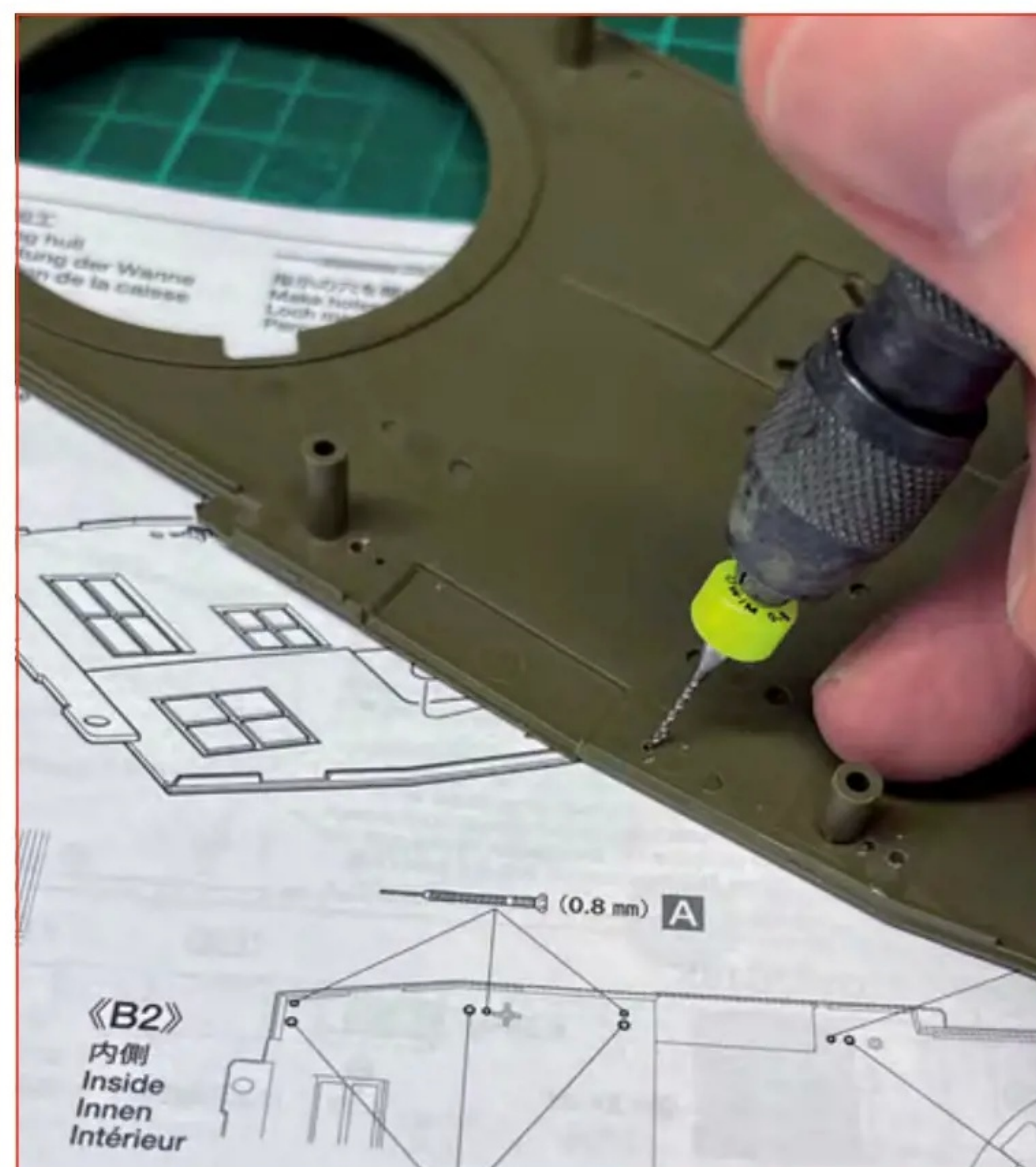
A close-up of the kit wheels complete with their 'rubber' tyres. Detail is actually not that bad, but we can do better thanks to a set of aftermarket wheels from Def...



With all eight wheels temporarily in place (held on thanks to poly caps that form part of the axles), we can see how the completed running gear looks prior to painting



The front four wheels feature a complex series of parts that interlock to recreate the steering arms found under the real vehicle. Though not entirely in-scale, they work as advertised, allowing the wheels to pivot in unison with one another



Before joining the upper and lower hull parts, a series of holes need to be drilled in the roof. These are for the cable guides that run along the lefthand side of the upper hull

FULL-BUILD WAR THUNDER INSPIRED ARMoured VEHICLE

TAMIYA 1:35 TYPE 16 MCV C5 W/WINCH • KIT NO.35383



The basic hull is now complete, here seen fitted with the kit wheels...



...and here, with the replacement Def Model wheels



Def Model's wheels were used to replace the kit items. This set also includes some additional details, most of which I didn't recognise thanks to a lack of instructions!



Compare and contrast. Here we can see the kit wheels alongside their resin replacements. Though understandably seen as an extravagant add-on, the resin wheels offer huge levels of additional detail over those found in the kit



As with most armour kits within the Tamiya range, the mantlet and gun are made to raise and lower thanks to a large pivot within the turret. Thankfully, this one is extra bulky, which was welcome when it came to fixing the metal barrel in place!



Before painting the metal barrel was primed with Gunze Sangyo Mr. Metal Primer. VMS superglue was used to hold the plastic details in place around the barrel



The turret basket is detailed with a number of superbly-etched metal details. These were held in place with more superglue, this time from the Roket range



The turret demands attention once complete and in place. Assembly of this large and complex sub-assembly is very easy, thanks to perfect fit and carefully thought-out engineering. Note the depiction of anti-slip panels across the upper surfaces of both the hull and turret



Tools and materials needed for the successful use of etched metal parts: a scalpel, superglue and metal primer

The fully assembled model, ready for painting. What an imposing vehicle the Type 16 is!



Each of the resin wheels is delicately bulged along their lower edges, allowing a depiction of weight to be achieved with ease

❶ This feature takes you through the completion of this model. The kit itself was built from the box in the main, no extra detailing around its surface being carried out. I say in the main, because as you'll see I replaced the kit wheels with a stunning set of DEF resin wheels and a metal gun barrel that was created by Tamiya as an additional part. Both of these changes add a wonderful layer of finesse, the wheels in particular being not only more

accurate in terms of detail, but also 'sagged' which helps impart the illusion of weight. The barrel is also noteworthy is having a drilled out muzzle-brake, something that you have to do yourself if using the kit's two-part, plastic offering. I would recommend both of these changes if you want your model to be as detailed as possible.

The final changes I made to the model, both in terms of the real machine and the War Thunder subject

I was modelling, was to add some stowage. Given its fantasy nature and rather sombre camouflage, I figured that the model could do with some extra colour and text, so grabbed some disparate parts that reflected both of those needs. I doubt that any of it is particularly accurate, but then, neither is the finish. This model was all about the fun, so I took that I idea and ran with it as fast as I could! ▶



The wheels were first primed with a generous coat of Tamiya Rubber Black. Four hubs were then sprayed with IJN Grey, four with a 50/50 mix of Sky Grey and Flat White. Once dry, the edges between the tyres and wheels rims were tidied up with AK 3G Rubber Black



Here are the materials that I used to create an initial layer of weathering over the wheels. AK's Dark Earth paste was first stippled over the tyre treads and randomly around the sidewalls and hubs



Here, you can see how the wheels looked after that initial layer of dirt; perfectly acceptable, but we can do better!



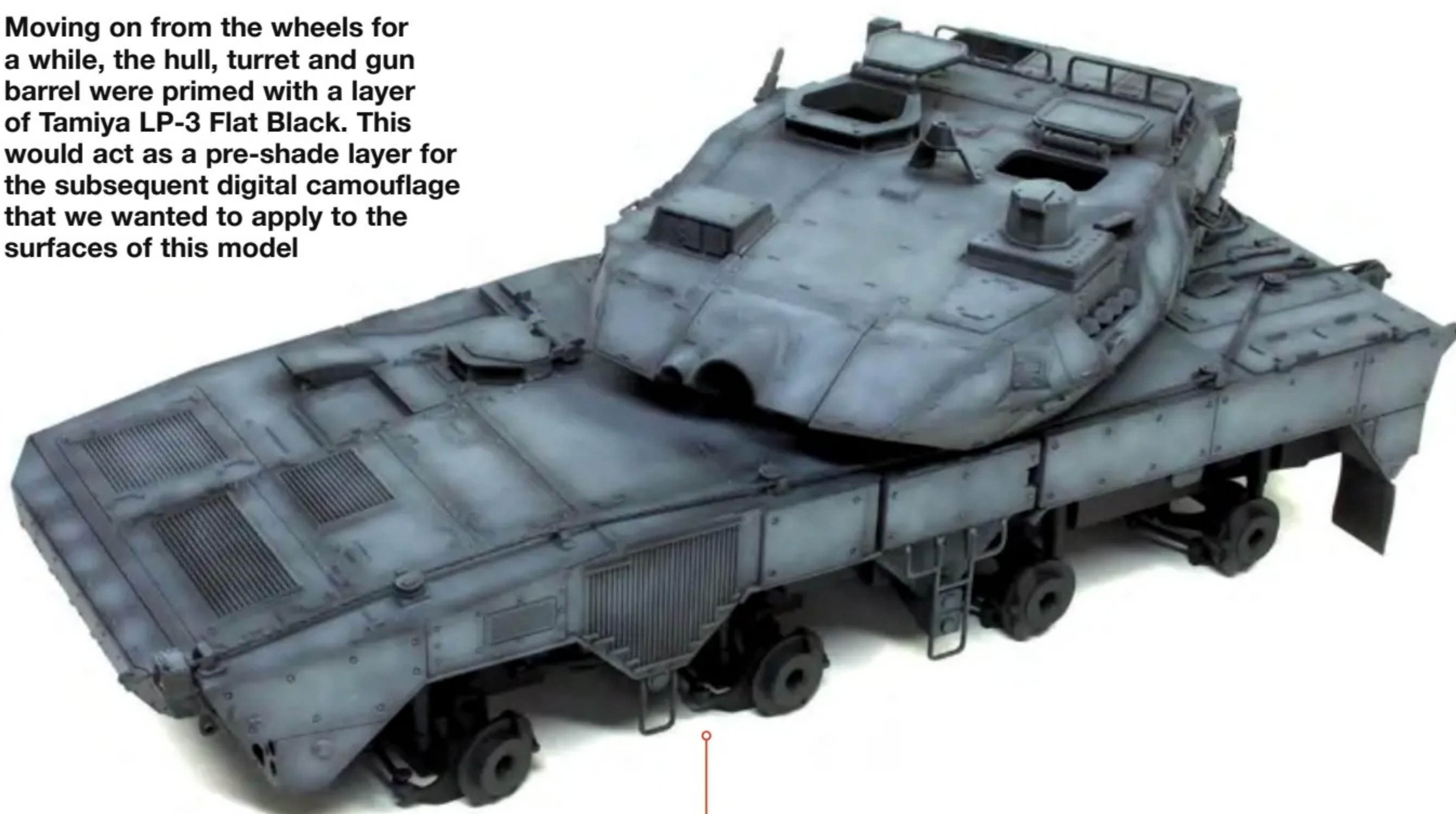
With the paste now dry, the wheels were very carefully oversprayed with a thin layer of Tamiya Wooden Deck Tan. This was then overpainted with AK's Liquid Pigment Dust, that layer being blended in so that it only appeared around the raised details on the sides of the tyres and hubs. Though the wheels aren't finished in this shot, we are certainly getting there!



Moving on from the wheels for a while, the hull, turret and gun barrel were primed with a layer of Tamiya LP-3 Flat Black. This would act as a pre-shade layer for the subsequent digital camouflage that we wanted to apply to the surfaces of this model



Tamiya IYN Gray, Deck Tan and Clear were mixed together and applied to the model's panelling. I started off with a dark layer, adding more and more deck tan until the surface looked to be light and well defined...



...as seen here. This rather cloudy layer, really helps to both break up the surface of the model, as well as helping to define the details. Though looking very light in this shot, subsequent colours and the weathering would combine, to darken this initial coat of paint quite considerably



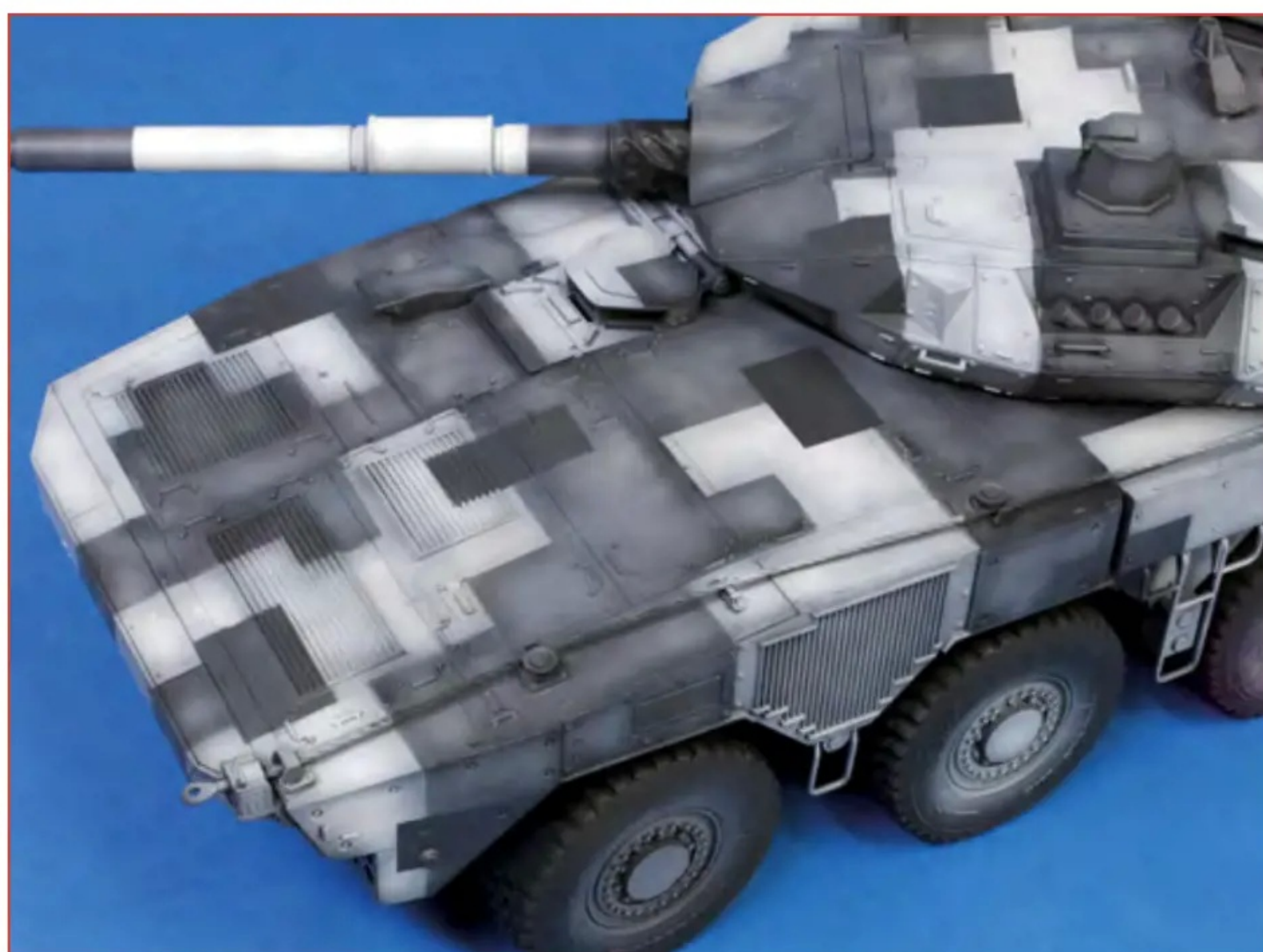
With those War Thunder screen grabs to hand, I could painting the digital camouflage patterns. Rather than masking and painting the whole lot in one go, I worked on small areas, masked them, applied some paint and then moved on. Though I was expecting this to be a difficult part of the build, it was actually rather straightforward, allowing the camouflage to be completed in only a few hours



Though the screen grabs showed a vehicle that was painted in two shades of grey, I liked the look of one in three, so once the initial layers were in place, I added small, Rubber Black squares to create a busier pattern. Some trimming of the blocks, as well as a little touching up here and there would be needed, but at this point I was rather pleased with my work so far!



With the camouflage complete, everything was sprayed with a single, wet layer of VMS XXL Satin varnish to create a perfectly smooth finish, ready for weathering



The engine deck reveals its secrets. See how the patterns work together to create what I hope is a harmonious finish that makes sense!

FULL-BUILD WAR THUNDER INSPIRED ARMoured VEHICLE

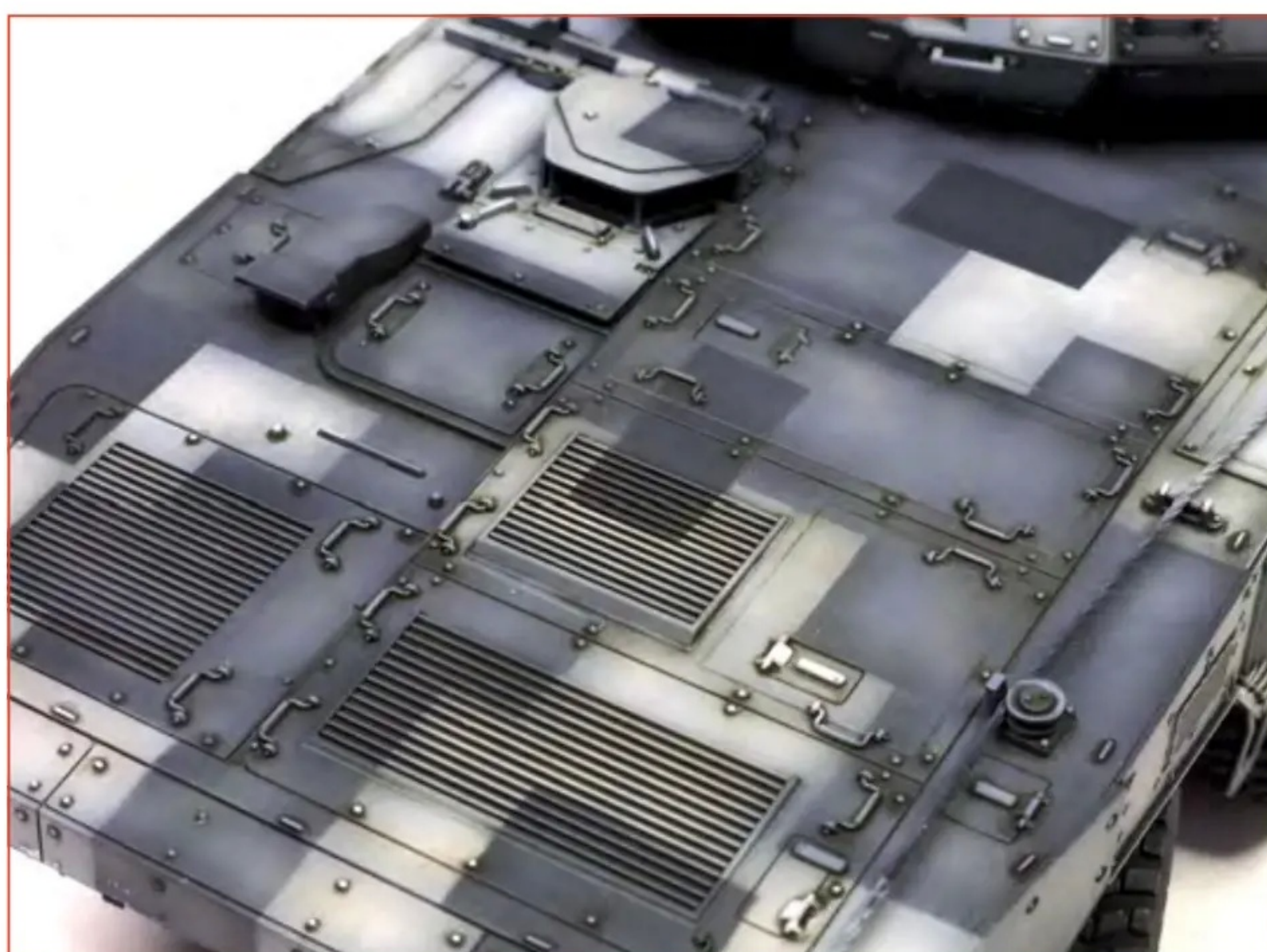
TAMIYA 1:35 TYPE 16 MCV C5 W/WINCH • KIT NO.35383



Pin washes are usually my first port of call when it comes to the weathering of any vehicle model

AK's Dark Streaking Grime and Starship wash, combined to define the detail around the many surfaces of this complex vehicle.

Each was applied with a fine brush and then blended-in with another, clean brush, dampened with a little odorless turpentine



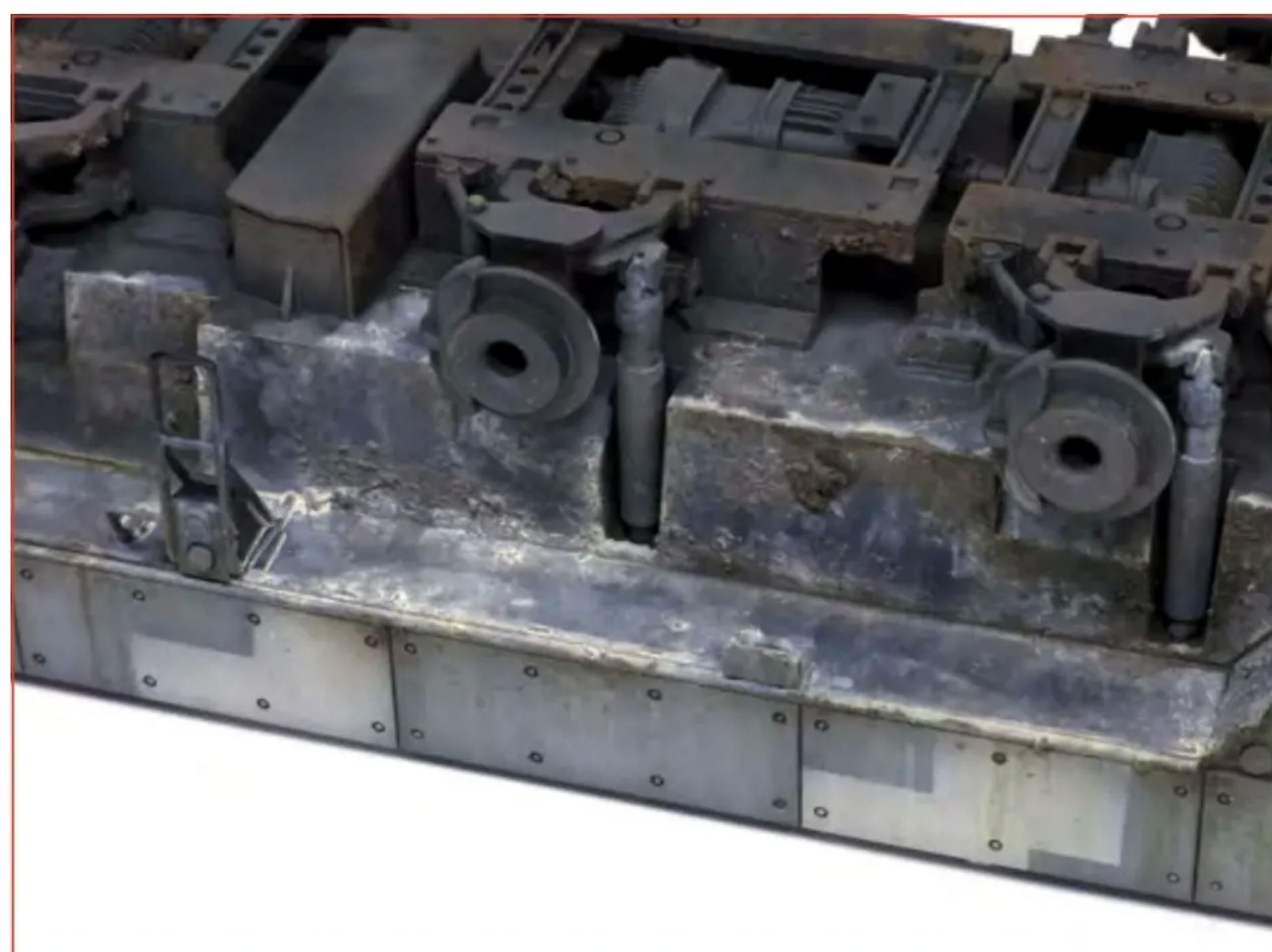
The dark wash has certainly helped to not only define the detail, but also bring the finish back to a more appropriate tone and hue. Here is the completed engine deck...



...and here is the completed turret. Looking at this rather enlarged view of the turret, some areas of wash look rather ragged, but that will all blend away, as additional layers of weathering are applied



The same materials used for the wheels, were used underneath the hull. Once again, texture was added with AK's Dark Earth paste, this being overpainted with Tamiya acrylics and AK washes



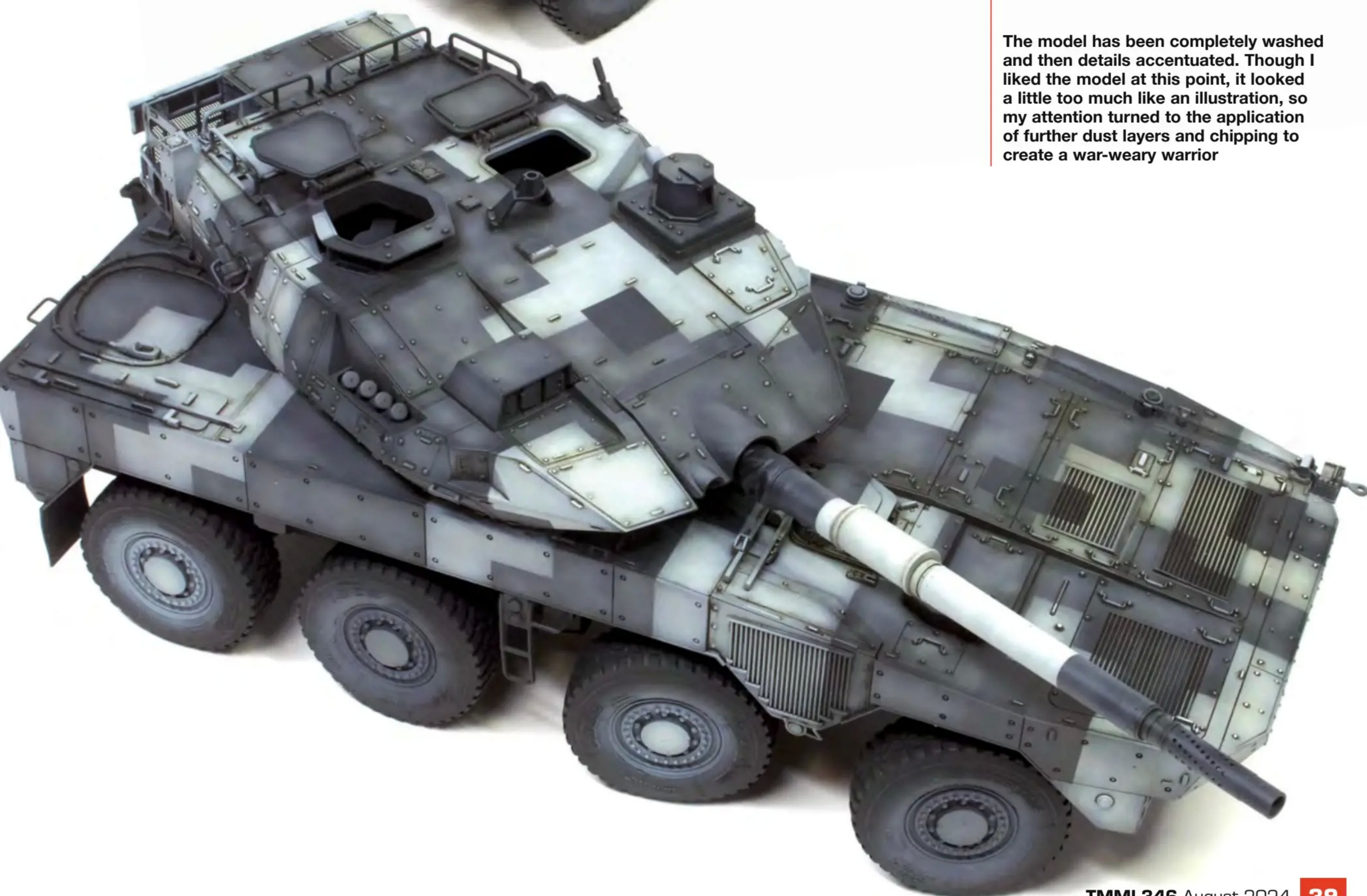
This was my initial layer of muck under the mudguards. It looked okay, but I couldn't shift the idea that it was a little flat and lacking in interest. Sure, it looked dusty, but there was no contrast between the underlying paint, the dust and the damper areas of mud. Further work would definitely be needed...



In order to up the contrast over the upper surfaces, all finer details were individually picked out with acrylics and a fine brush: London Grey over the darker surfaces, Sky Grey over the lighter panels



The model has been completely washed and then details accentuated. Though I liked the model at this point, it looked a little too much like an illustration, so my attention turned to the application of further dust layers and chipping to create a war-weary warrior



FULL-BUILD WAR THUNDER INSPIRED ARMoured VEHICLE

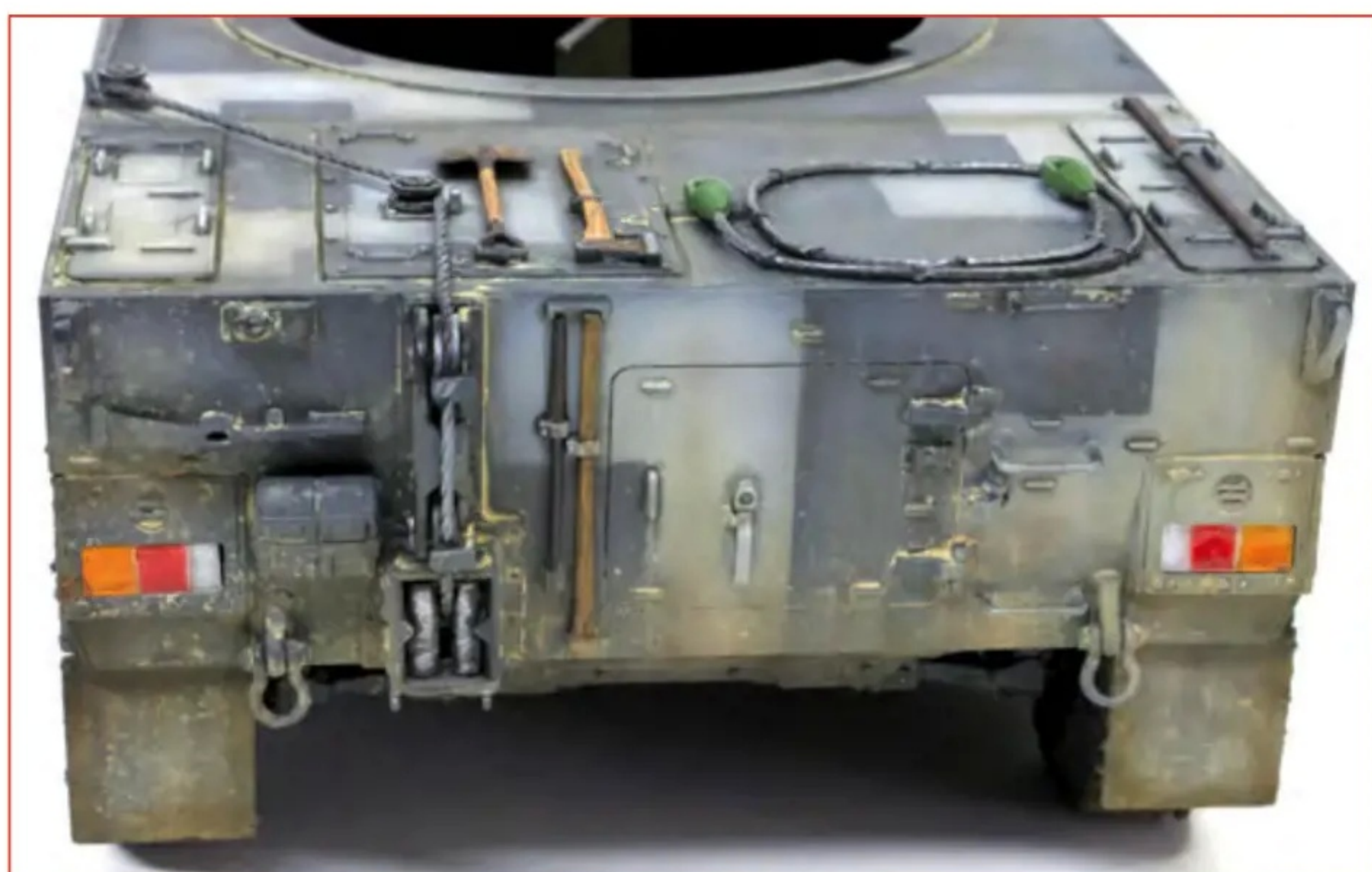
TAMIYA 1:35 TYPE 16 MCV C5 W/WINCH • KIT NO.35383



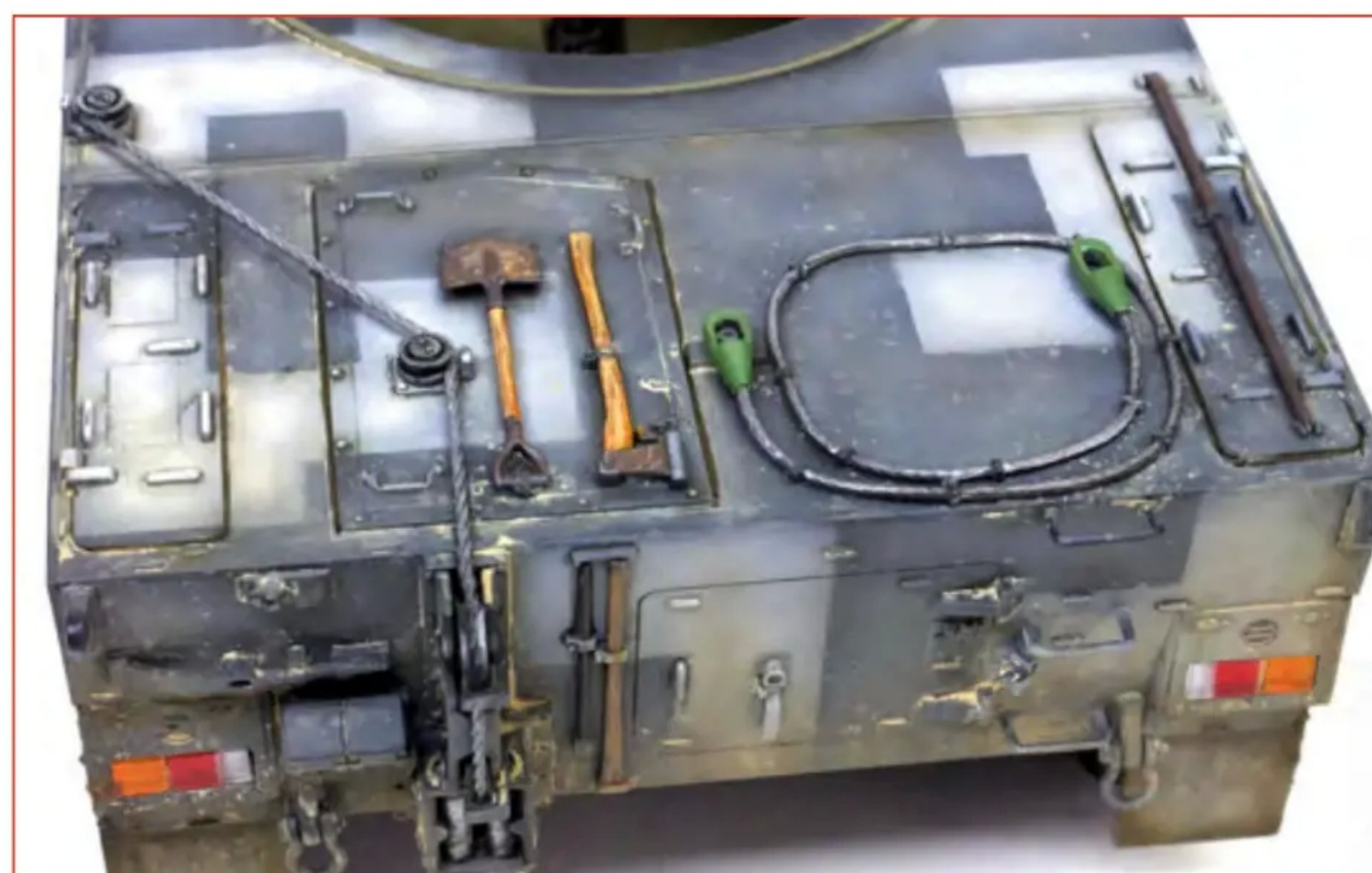
Dust and dirt came next. Here, I washed AMMO's Medium Density Mud Splashes around selected areas of the model to create the illusion of dust that had gathered around the vehicle's surface features. This was also flicked over the model and then carefully blended-in with a soft brush moistened with some odorless thinner. Once done, deeper panel lines were redefined with a dark, almost black wash. That can be seen here between the panels on the hull sides



With that lack of contrast still uppermost in my mind, I tried something new to me on this model - spraying inks to alter the tone and hue of the paintwork. Taking a bottle of Sepia ink, I airbrushed the tyre treads to create the illusion of wet mud, before using it to define smaller areas of dirt build-up, especially around the lower hull. The great thing about in is that it is translucent, so can be built up into very delicate layers without having to worry about it completely covering any underlying surfaces. Add to that the ability to spray incredibly fine lines with it, and you can see the possibilities that this medium offers to the modeller!



The rear hull is a particularly weathered part of the model, oversprayed layers of Tamiya Buff, washes with dusty enamels and then flicked layers of light weathering solutions and dark shades, all combining to create the look you see here



Pioneer tools were picked out with acrylics, weathered with oil paint washes. Though much of this is hidden under the turret and thus not that important, I can't help but feel that the tow cable could have been better, the detail and finish that I applied to it looking rather rushed. Maybe next time I'll pay it more attention!



With the vehicle being a very sombre grey colour, I needed to find ways to create accents that would help to break it up a little. One way was to paint the interior of the hatches in a lighter, brighter colour. Having seen the interiors of Bradleys finished in a pale green colour, I decided to paint this part on the model in the same shade - not entirely prototypical, but in keeping with the fantasy look of the rest of the model!

Military vehicles always look better with some form of stowage. There's not that much space around the Type 16 to clutter up, only the rear turret roof seeming like a reasonable spot for some tarps, bags, boxes and the like. All of these were grabbed from the spares' box, each being chosen for their interest and texture. It's not a very accurate collection of items, but then, this is a fantasy vehicle!



All of the stowage was painted using acrylics, Tamiya, Vallejo and AK 3G. Given the sombre nature of the surrounding vehicle, I tried to make this items as bright and vibrant as possible

The stowage certainly looks pleasing once in place and tied down with some nylon string that I found in an old ship kit. This was first sprayed with dark brown acrylic, threaded in place and then highlighted using a light beige colour

TMMI 346 August 2024 41

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TMMI 346 August 2024 41

TECHSPEC...

TAMIYA 1:35 TYPE 16 MCV KIT NO.35383

Materials:

Injection-moulded polystyrene, waterslide decals, photo-etched details (metal barrel, resin wheels)

Paints used:

- Vallejo Acrylics: German Grey, London Grey, White, Black
- Games Workshop: Ironbreaker, Stormhost Silver
- Tamiya Lacquer: Flat Aluminium, Flat Black, German Grey, IJN Gray (Yokosuka Arsenal)
- Tamiya Acrylic: Flat Black, Flat White, Cockpit Green, Buff, Wooden Deck Tan, Flat Earth, Rubber Black
- AK Interactive 3G: Rubber Black, Black, Interior Yellow Green, Highlight Flesh, Canvass, Olive Drab
- VMS XXL: Satin Clear

Accessories used:

- Tamiya: 1:35 Type 16 Manoeuvre Combat Vehicle Metal Gun Barrel Tamiya (12686)
- DEF Model: 1:35 Scale resin model kit JGSDF Type-16 MCV Sagged wheel set

Availability:

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

The figures in the Tamiya kit are passable, if a little soft in detail. In keeping with the fantasy vibe of this build, I deviated from the instructions to replicate plain uniforms rather than the ultra-busy camouflage used by modern Japanese troops. All painting, flesh and uniforms, was carried out using AK Interactive 3G acrylics

FINAL THOUGHTS

This was a really fun build that took me by surprise. I'd never had that much interest in the real vehicle, but as I worked on the kit I began to really enjoy not only the build but also appreciate what a stunning design the Type 16, is. In terms of a modelling project, there is no doubt that this one offered much in the way of challenges,

almost all of which were finishing in nature. But at the end of the process, I had a model that would really stand out against everything else in my display case. It's unique and that makes me like it even more! This was my first foray into the world of the War Thunder game - I doubt very much that it will be the last! See you next time. ●



**NEW
MOULD****1:35**

AUSTIN K2/Y AMBULANCE



AUSTIN K2/Y AMBULANCE
30 Corps, Motor Ambulance Convoy, Royal Army Service Corps,
North West Europe, 1944.



AUSTIN K2/Y AMBULANCE
British Army, North Africa, 1940.



AUSTIN K2/Y AMBULANCE
British Army, Alexandria, Egypt, 1942.



AUSTIN K2/Y AMBULANCE
Auxiliary Territorial Service, England, 1944.

Length 178mm Width 68mm Pieces 146

A1375 AUSTIN K2/Y AMBULANCE

One of the most famous vehicles of its type, the Austin K2/Y Ambulance was used extensively by British and Commonwealth forces throughout WWII, both in the combat zones of the world and on the home front. Built around the chassis of the Austin K30 light truck, the casualty compartment was developed in conjunction with the Royal Army Medical Corps and therefore proved to be highly functional. Able to carry either four stretcher cases or ten seated casualties, one of the main reasons why the K2/Y was so successful was because it was so rugged and reliable, requiring only a minimum of maintenance - an ambulance should always be ready when you need it. The rear cabin was typically constructed of painted canvas on a timber frame, with the highly visible red cross on a white disk positioned prominently on all sides to hopefully ensure the vehicles occupants didn't come under fire.



1:35 AUSTIN K2/Y AMBULANCE

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KIT PREVIEW

ICM 1:35 SIKORSKY CH-54A TARHE WITH UNIVERSAL MILITARY POD • KIT NO.53057

ICM CH-54A TARHE WITH UNIVERSAL MILITARY POD



ICM's amazing 1:35 Sikorsky CH-54A Tarhe US heavy-lift helicopter now comes with the Universal Military Pod slung under its belly...

Around a year ago, ICM launched their stunning new model of the Sikorsky CH-54A 'Tarhe' US heavy helicopter to universal acclaim, and it wowed us TMMI too. Since then, we have seen the kit released with the M-121 'Daisy Cutter' bomb (Kit No.53055) and again in the 'Phu Bai Combat Base 1968' set (Kit No.53056), which also included the M-121 bomb, ground crew figures and ICM's excellent M8A1 airfield matting, making it an instant – if huge – diorama in one box. Now we have received the latest incarnation of this incredible model, and this time we are treated to the 'Universal Military Pod' for slinging under the Tarhe's insect-like airframe. The pod is rather like an oversized

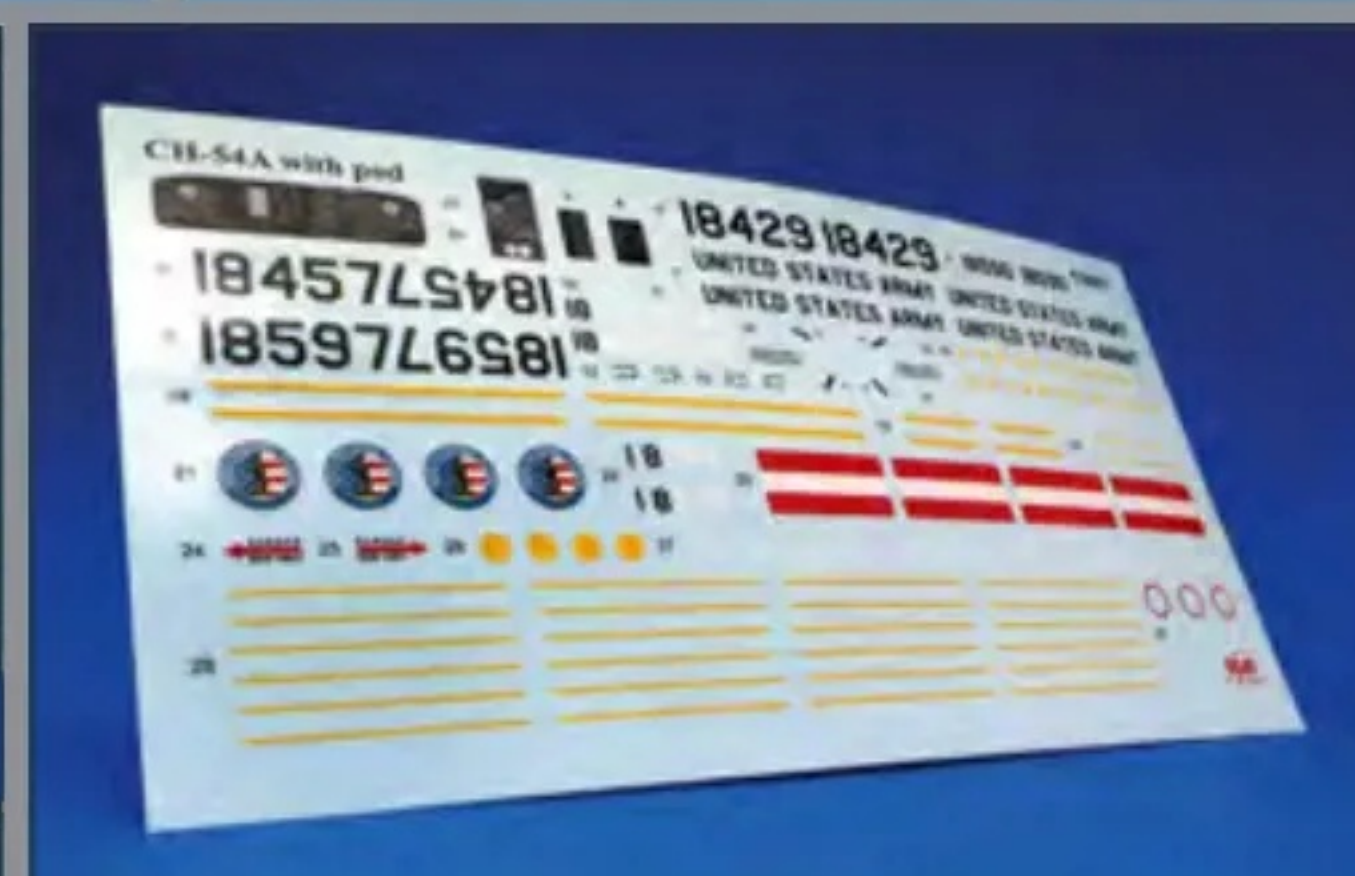
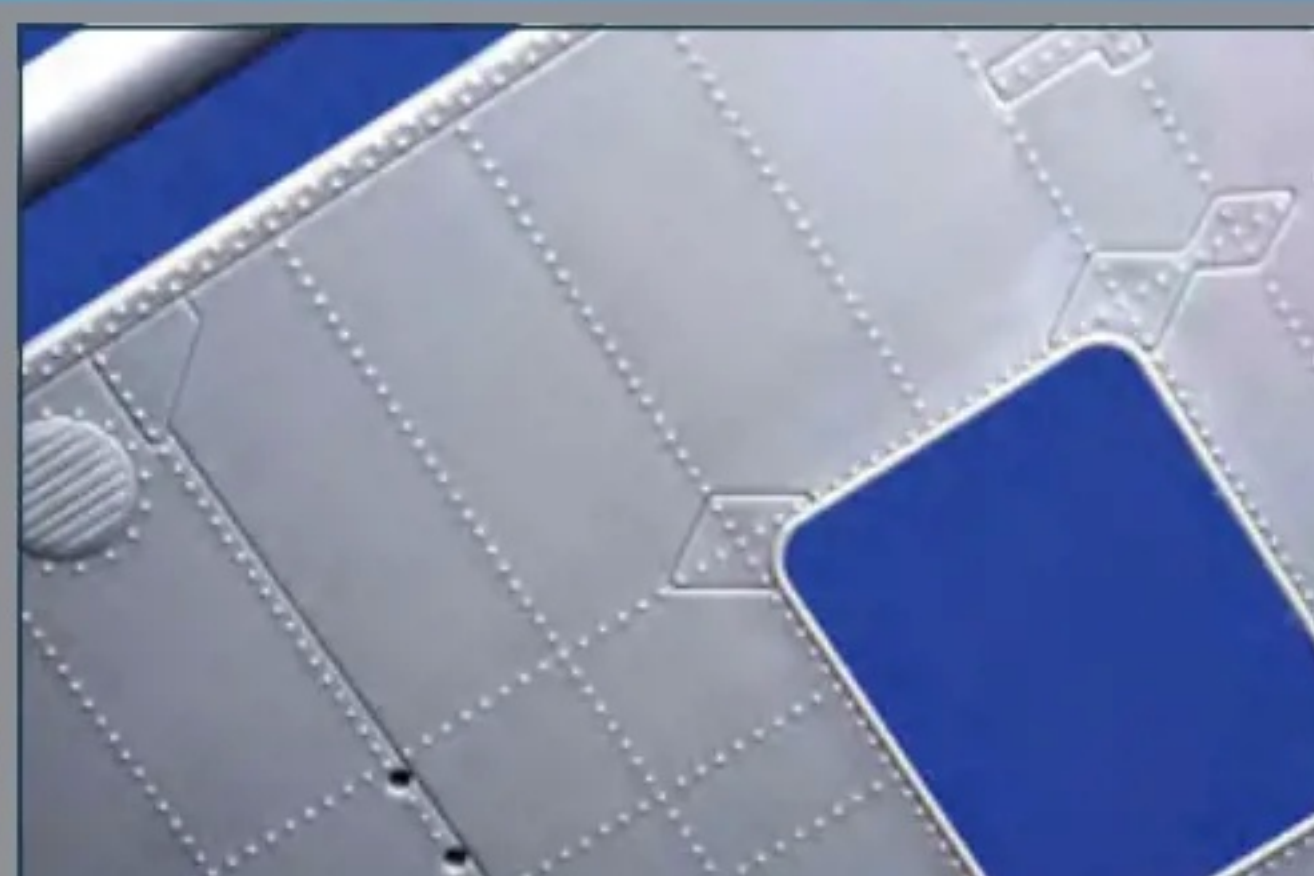
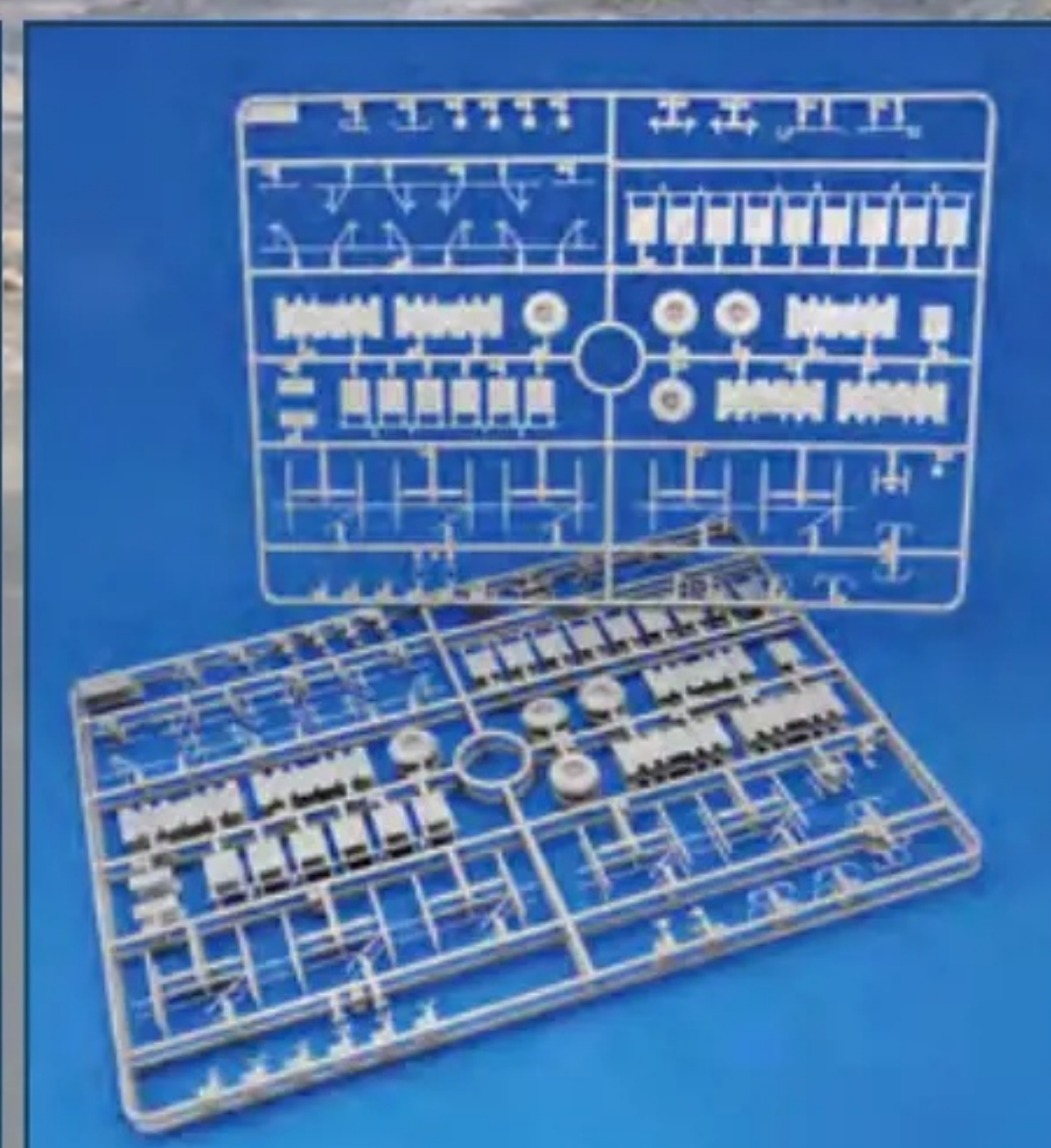
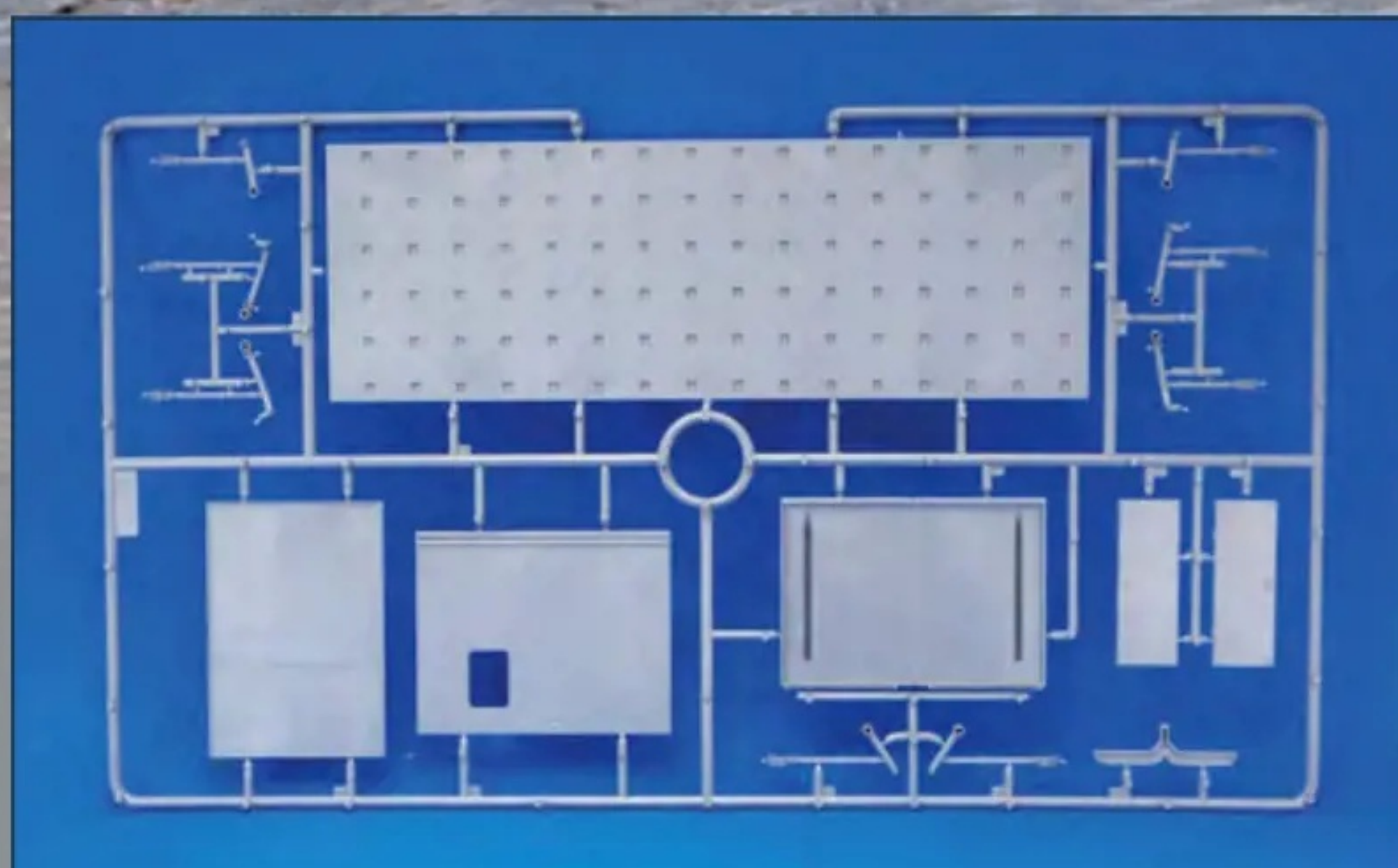
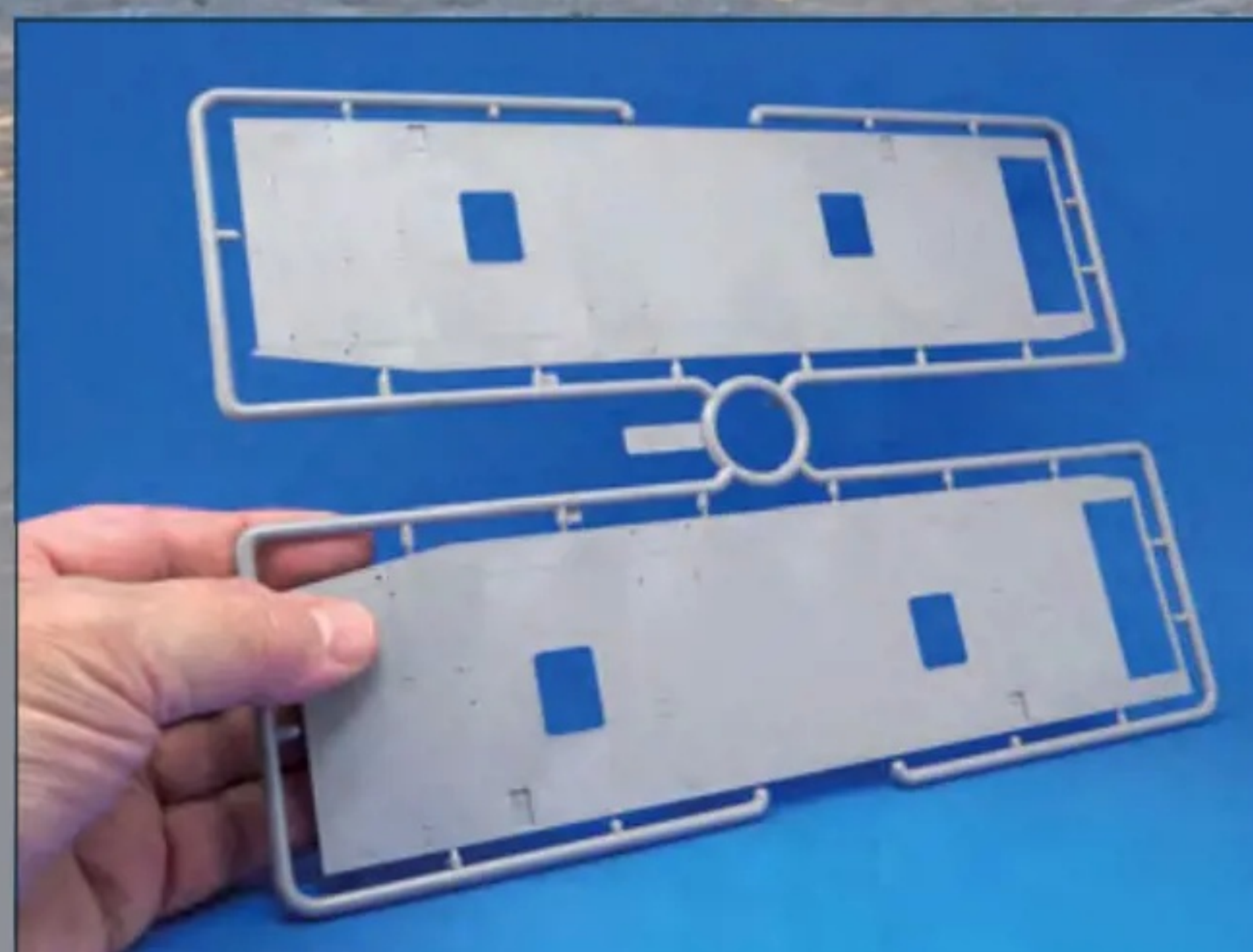
ISO shipping container with windows and set of fold-away 'landing legs' for manoeuvring the pod independently on the ground plus, of course, fittings on its roof that secure it to the helicopter. It's a substantial addition to the already hefty box with the pod's parts spread across six new sprues of grey polystyrene (three of the same) plus one in clear for its windows. The pod takes up nine pages of the instruction booklet and it isn't just an empty box either, as it comes with a highly detailed interior that replicates the three rows of lightweight military seating inside, along with other fixtures and fittings. On the exterior we are treated to the same wonderfully executed rivet patterns that adorn the 'mothership'.

This is another breathtaking iteration of this jaw-dropping kit and is arguably the coolest yet, although the ultimate expression of the CH-54A's military capability is surely with the medical pod/MASH unit slung below it (main pic), so let's hope this is in the pipeline from ICM for yet another release... ●

Availability;

ICM models are widely available from good model shops and online.
www.icm.com.ua www.hannants.co.uk

Main pic below: An image from the Vietnam War showing a CH-54A with medical pod fitted. Let's hope ICM release this version next!



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ICM acrylic paint set #3021

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✈ 471 mm
🔗 265 parts

1:48
SCALE

Available



ICM.COM.UA



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NEWS 1/2024

Tie Fighter

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New Releases

A SELECTION OF THE LATEST FULL KITS IN PLASTIC, RESIN, METAL AND MORE!



RESKIT, UKRAINE

www.reskit-models.com

ResKit must surely rank as one of the most productive model companies out there, announcing new detail sets on what seems like a daily basis. Some of their newest items have arrived at TMMI and they are utterly incredible. The 'folded main rotor' pack for ICM's 1:35 CH-54A Tarhe heavy-lift helicopter (this page) not only provides a new rotorhead and folding mechanism, but also an entirely new gearbox, hydraulic package structure and APU with radiator, plus miles of 3D-printed pipework. Loads of it! The uncowed nature of the Tarhe's rotor system means all of the hydraulic and lubrication matrix is on show and on a model, an absolute nightmare to make oneself, so having it done for you is a major reason to invest in this set. How much less of nightmare it will be to remove the printing supports from all that plumbing remains to be seen, but it looks fantastic and will be an irresistible challenge for the advanced modeller. There wasn't enough space to show the CH-54A tail rotor set here, but it is equally well done and will add a sparkle to the distant tail section of this monster helicopter.

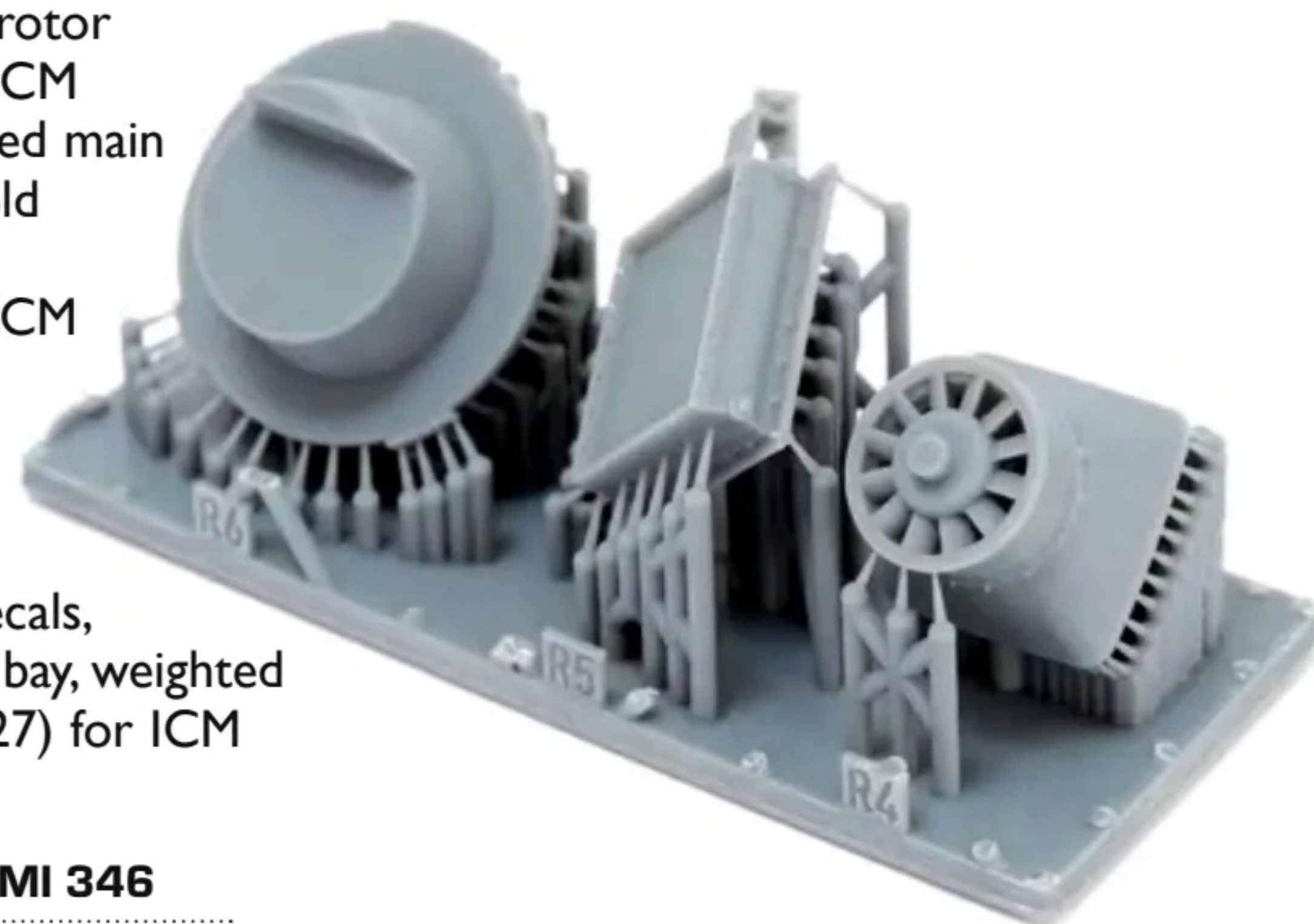
Also created for an ICM kit, ResKit's package for the OV-10A Bronco (opposite page) includes a whole new cockpit tub with seats, instrument panel and controls, plus new main and nose undercarriage bays, legs, wheels and tyres. With such a large canopy, the Bronco's cabin is fully on show and therefore this set is very welcome. As with the rotorhead set, the Bronco parts come with printed-in plumbing which will really bring the model to life. Fantastic stuff!

1:35 3D printed detail sets

- CH-54A Tarhe tail rotor (RSU35-0044) for ICM
- CH-54A Tarhe folded main rotor with blade-fold restraint systems (RSU35-0045) for ICM

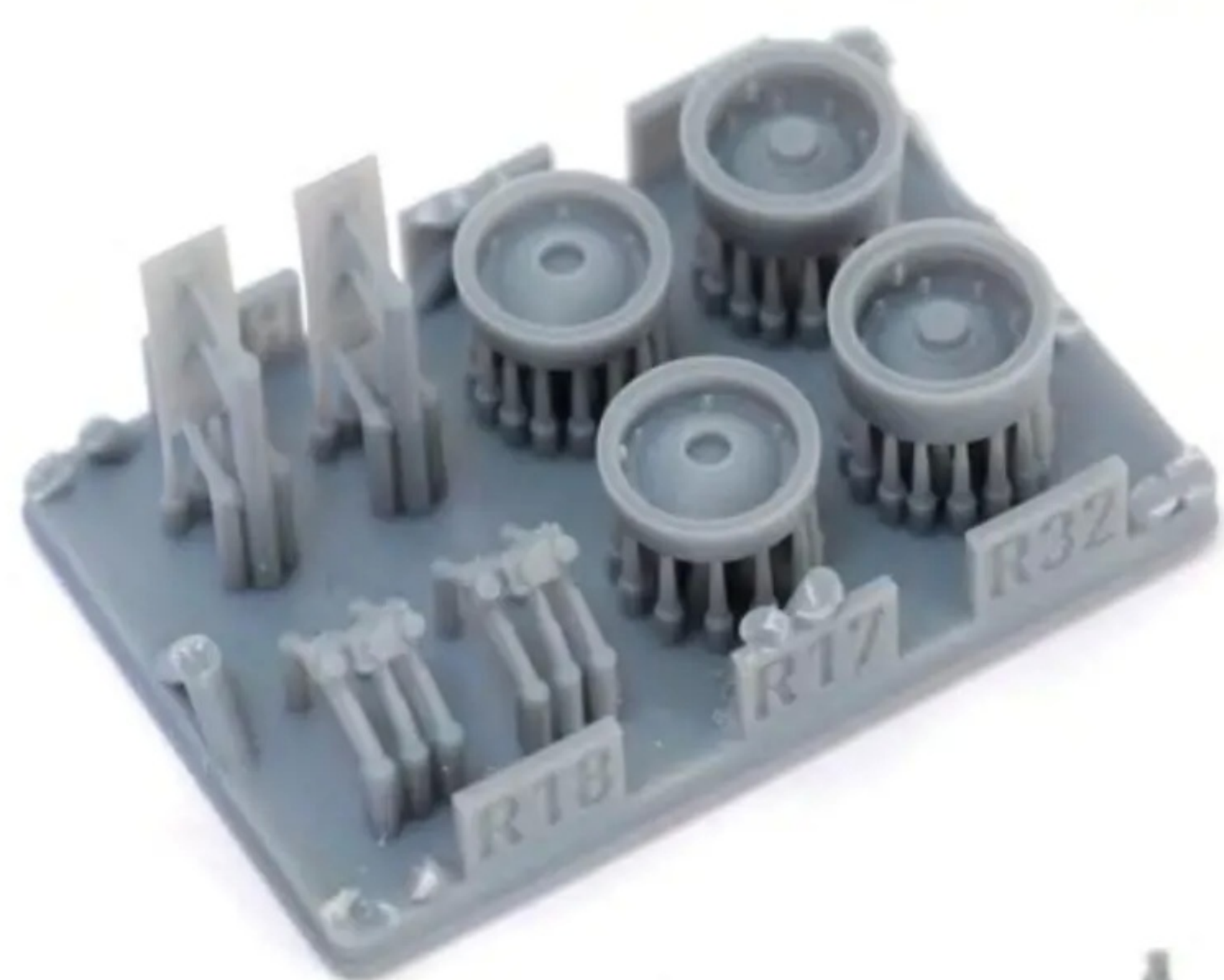
1:48 3D printed detail set

- OV-10A Bronco cockpit with 3D decals, landing gear, wheel bay, weighted wheels (RSU48-0327) for ICM



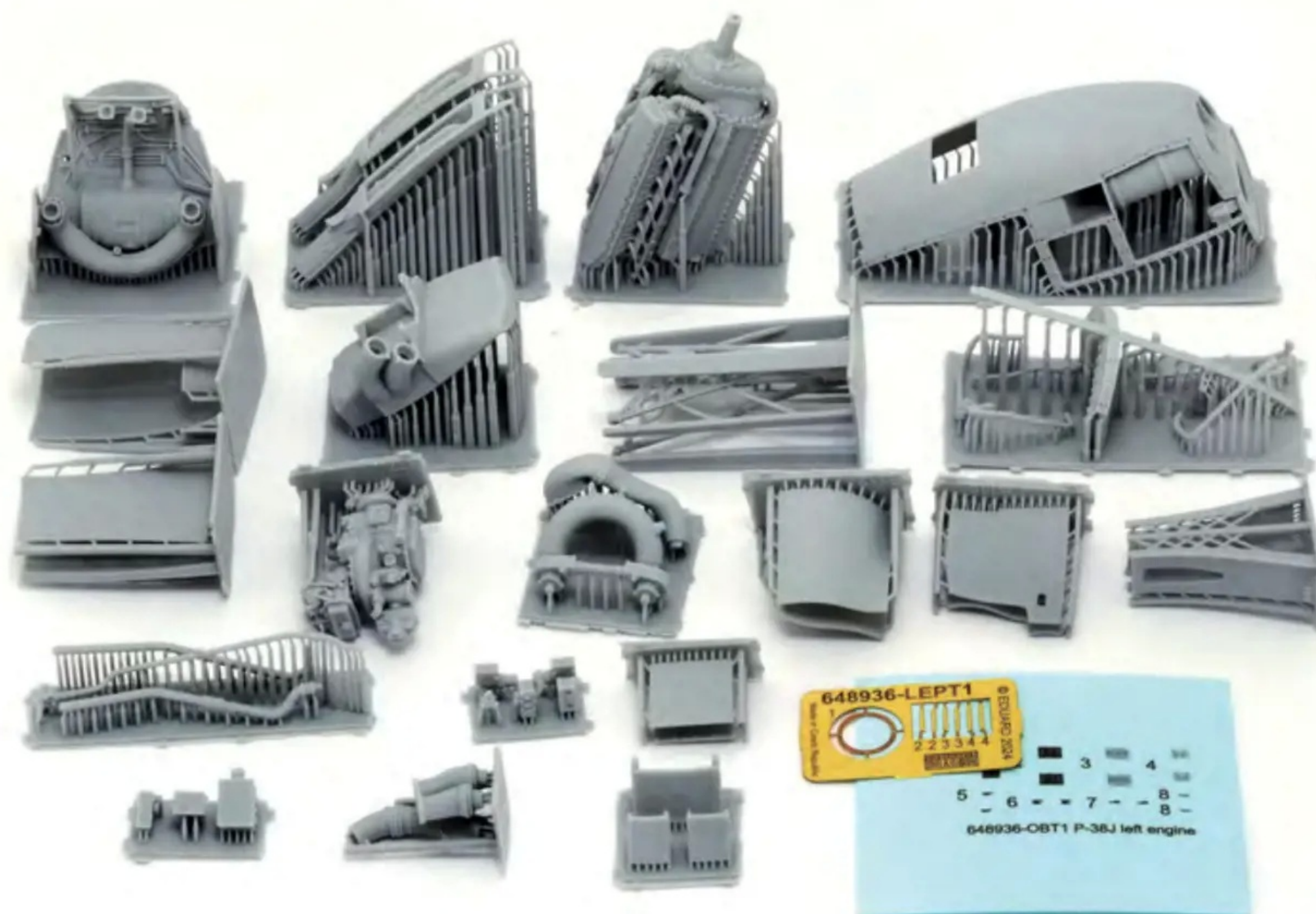


ACCESSORIES



New Releases

A SELECTION OF THE LATEST FULL KITS IN PLASTIC, RESIN, METAL AND MORE!



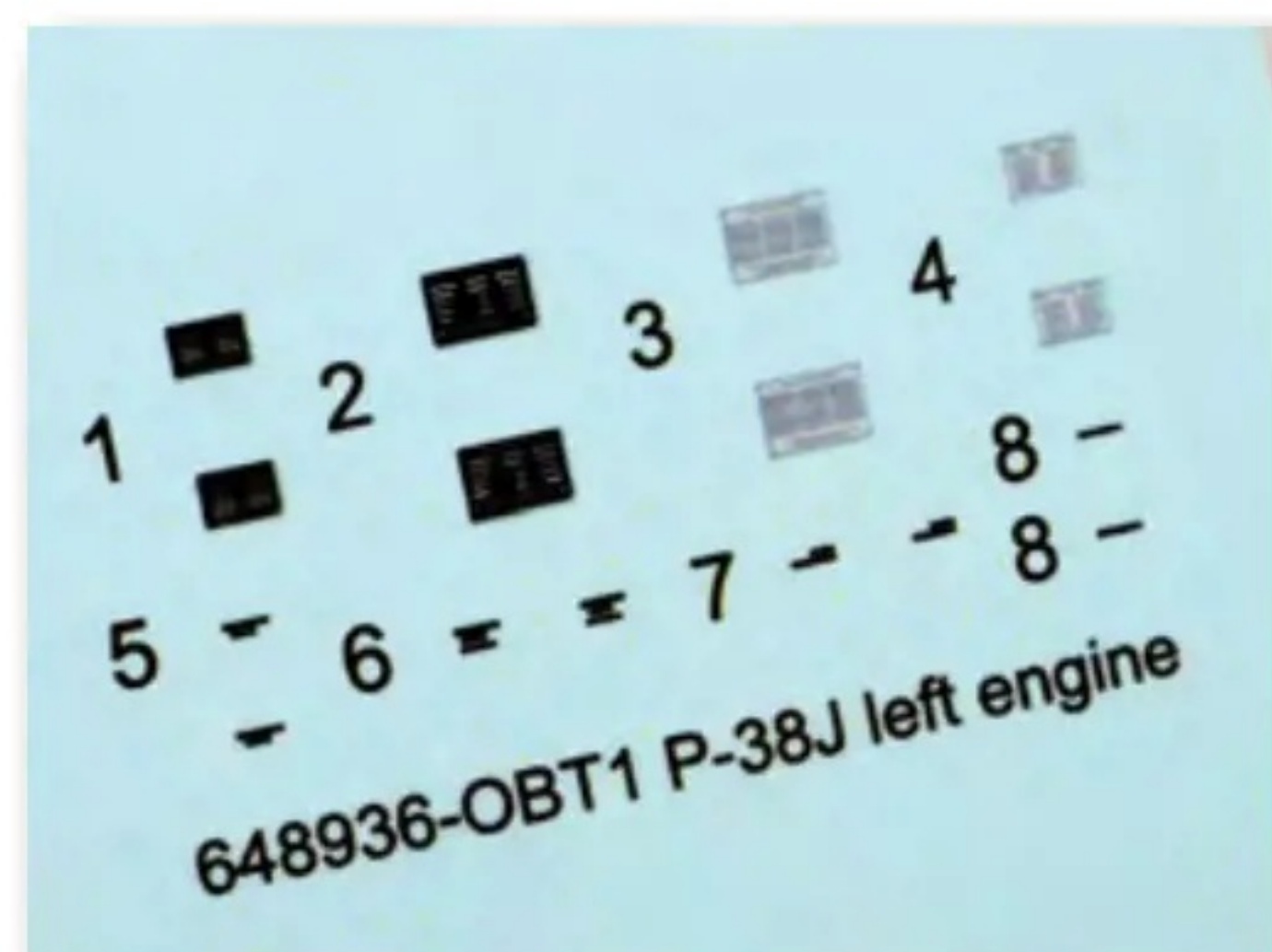
EDUARD, CZECH REPUBLIC

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

This month, Eduard has created a pair of engines (sold individually) for Tamiya's sublime 1:48 kit of the iconic P-39 Lightning and they are as equally impressive as the kit they are designed for. As you can see from the images here, showing just the left-side engine, the set is packed with parts, all covered with astonishing levels of detail. The Allison V12 is exquisite and its ancillary components are masterpieces of 3D design. Eduard even provide data guide decal for the engine and other areas, showing phenomenal attention to detail. The cowling is provided, panel by panel, allowing the individual sections to be placed around the finished model, within a diorama for example. Top quality 3D-prints and photo-etched components, as always.

1:48 Brassin sets

- P-38J left engine (648936) for Tamiya
- P-38J right engine (648982) for Tamiya (parts not pictured)





GREEN STRAWBERRY, CZECH REPUBLIC

www.greenstrawberry.cz

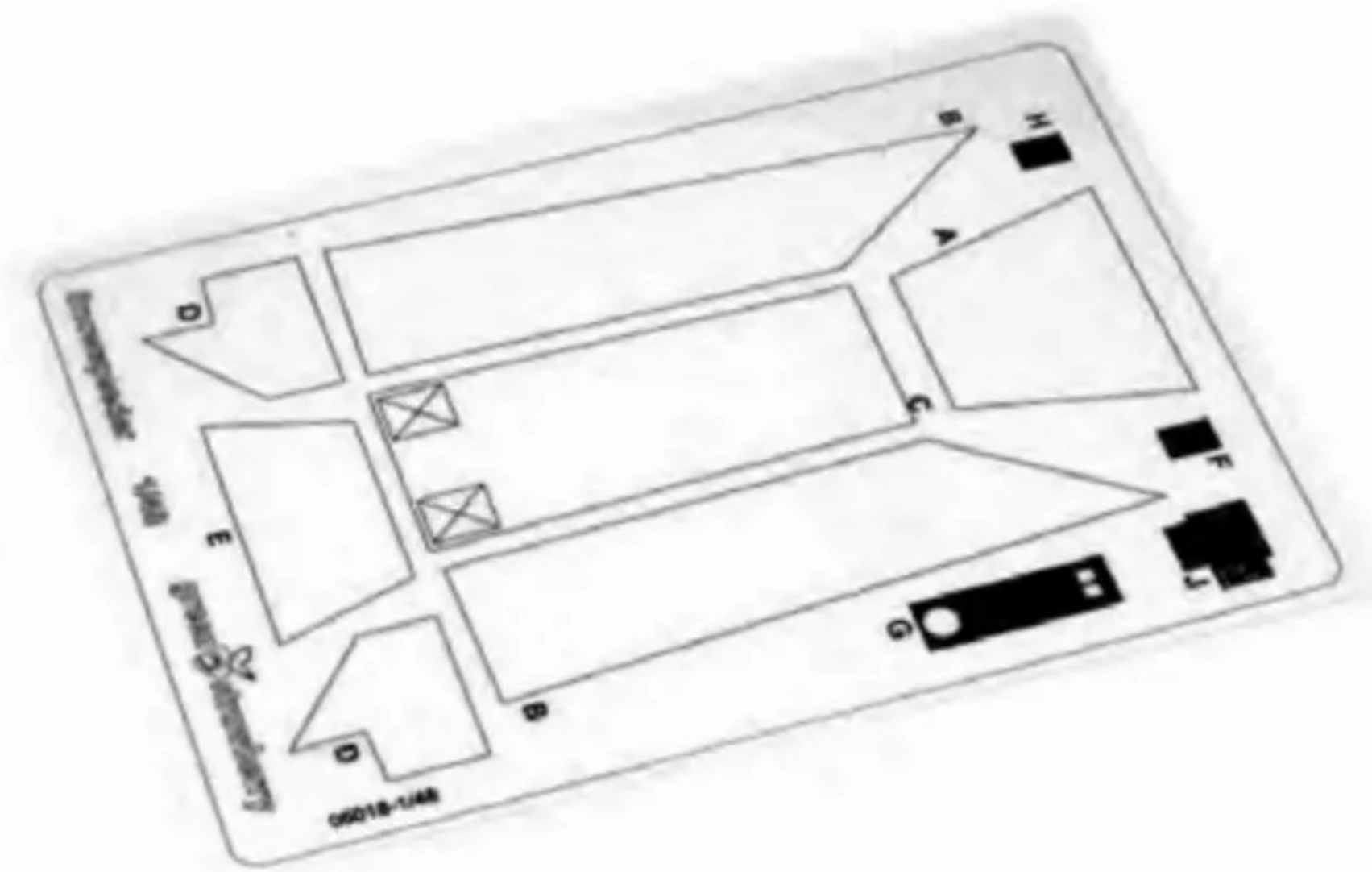
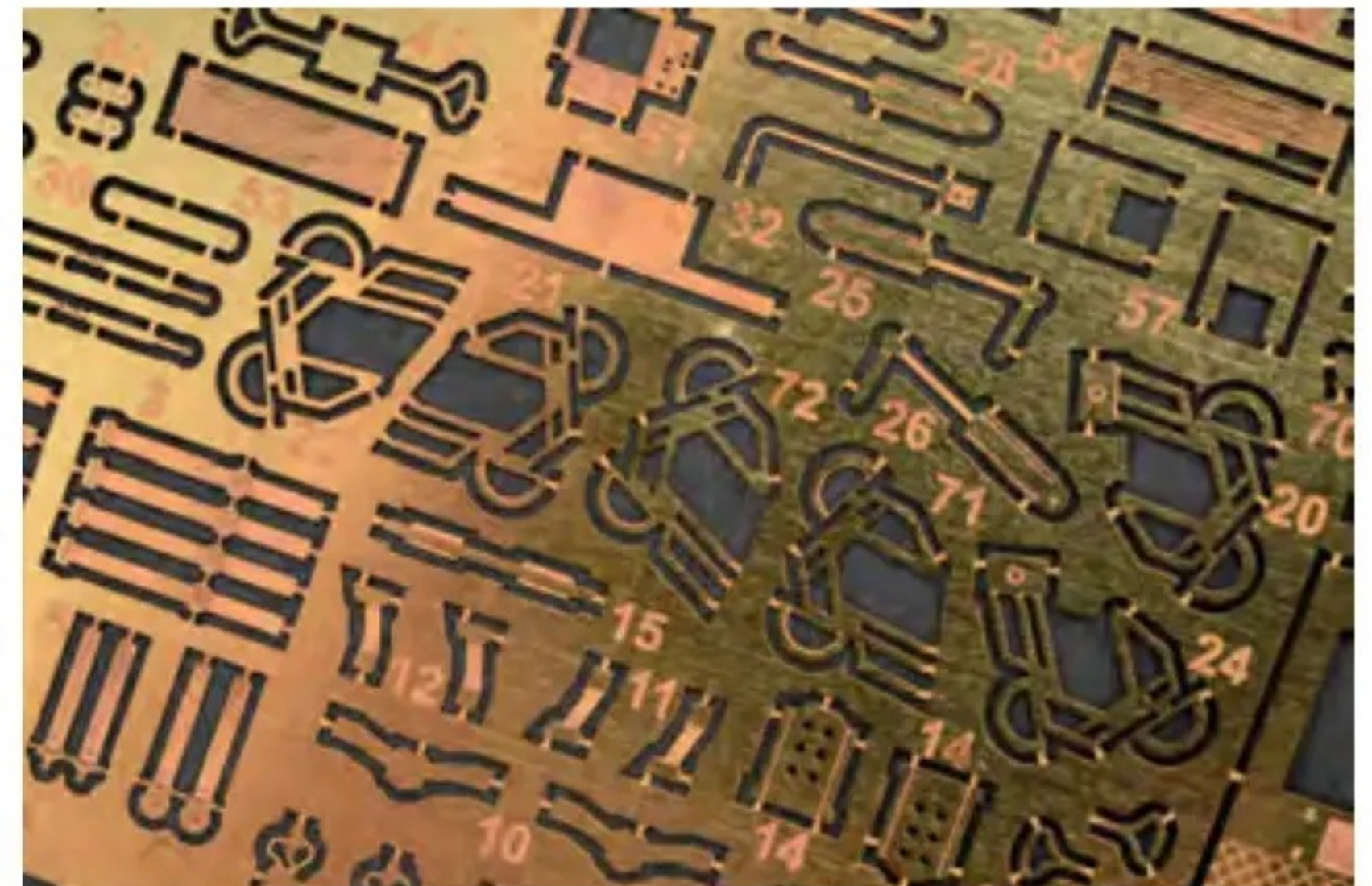
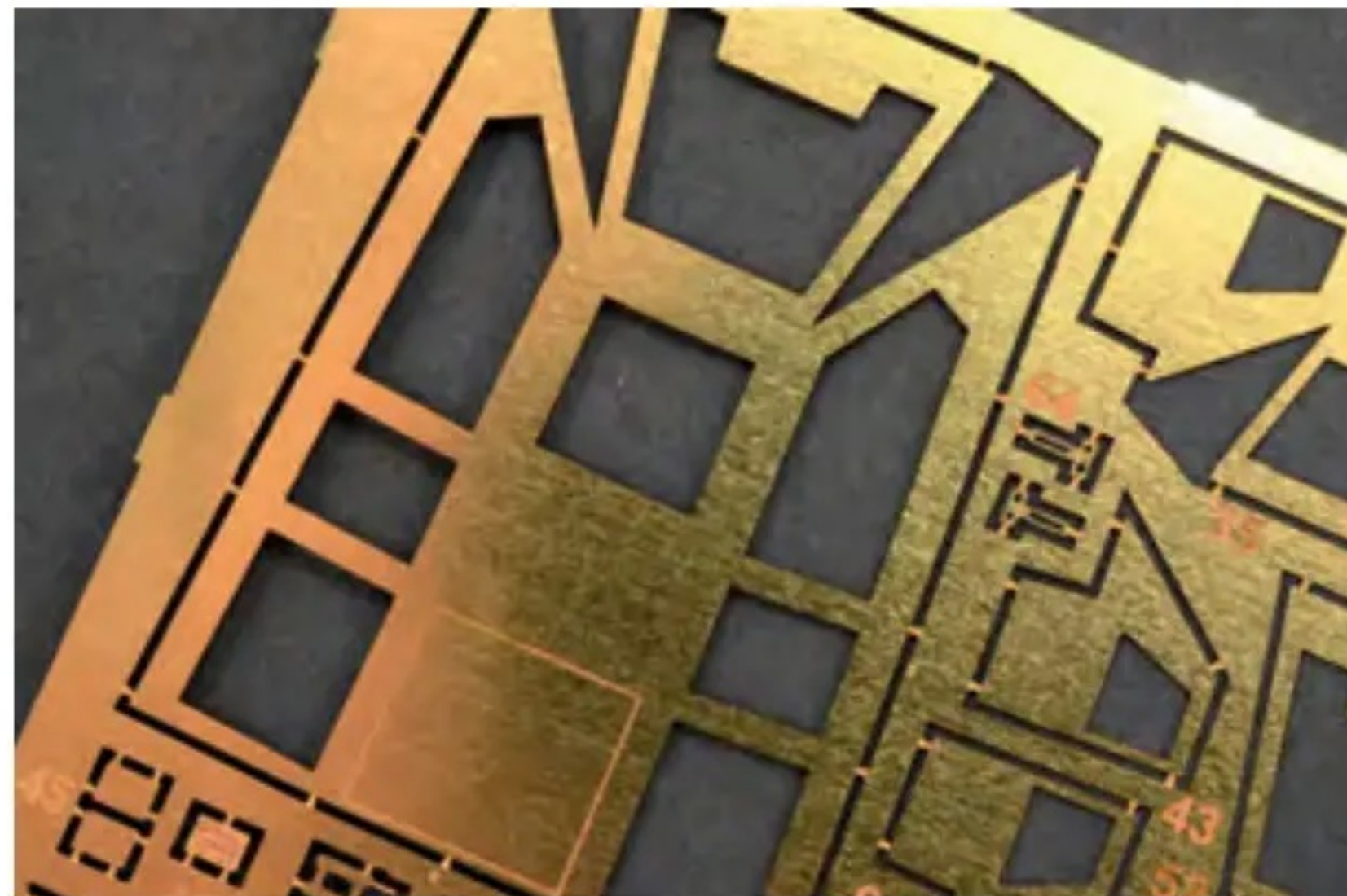
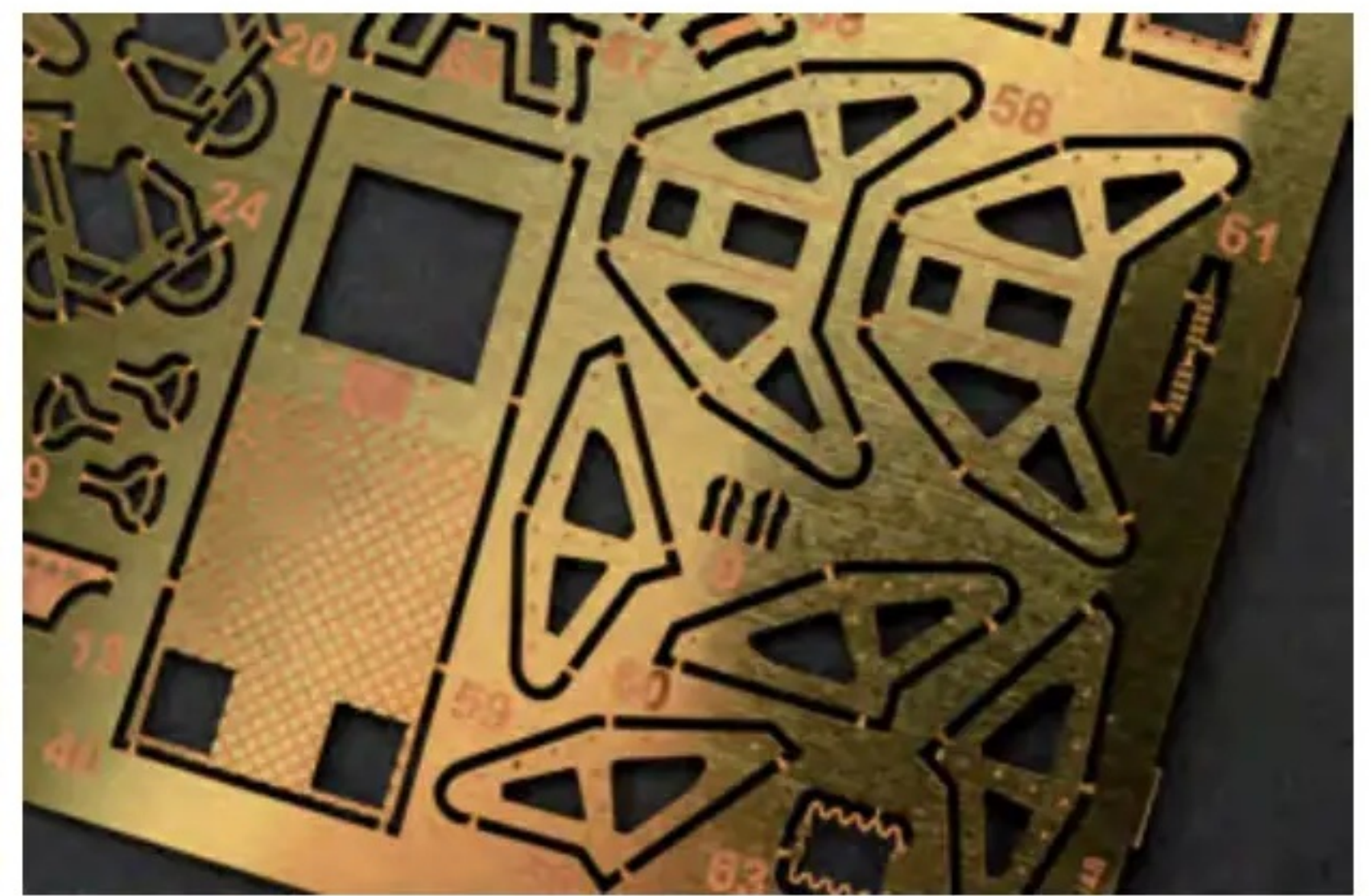
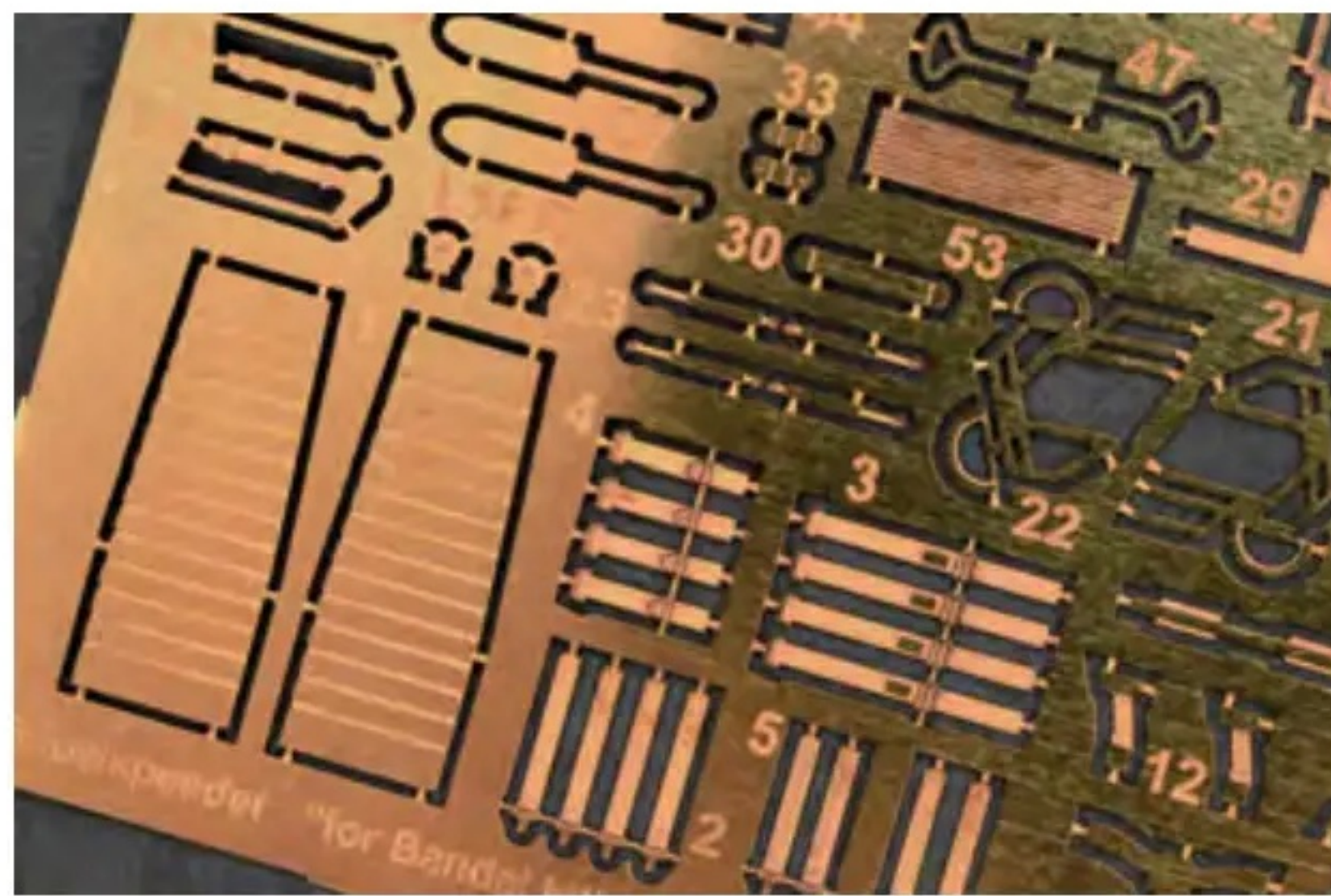
Bandai's 1:48 Star Wars Snowspeeder is a beautiful little kit and with the addition of Green Strawberry's PE set it will become even more beautiful! On the fret you'll find a host of upgrades for the cockpit including seat liners and harnesses. For the exterior, a new canopy and glazing (right) is provided, giving this part of the model a far more refined appearance than standard. Also new is a handy set for Bandai's 1:72 TIE Interceptor, not pictured here.

1:48 photo-etched set

- Snowspeeder detail set (05018-1/48) for Bandai

1:72 photo-etched set

- TIE Interceptor detail set (02216-1/72) for Bandai



TAMIYA, JAPAN

www.tamiya.com www.hobbyco.net

Tamiya's new 'Brush Paint for Polycarbonate' Brush (Black) removes the need for painting demarcation lines with masks on your RC car's polycarbonate body. You can also use this product to paint sections such as ducts and other details. The water-based paint can be applied by brush without thinning and becomes water-resistant once dry.

Model paint 23ml bottle

- Brush Paint for polycarbonate Black (87228)

ICM, UKRAINE

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

ICM's range of high quality acrylic paint sets continues to expand and now covers a variety of subjects, from Fords and Friesians to machine gunners and Marauders!

Acrylic paint sets 6 x 12ml bottles per pack

- WWII US Aviation (3047)
- US Cars 1930s-1940s (3048)
- WWI US Vehicles (3051)
- WWII British Infantry (3054)
- Civil Aviation (3055)
- WWII Japanese Pilots (3056)
- Firefighters (3057)
- Animals (3061)



New Releases Accessories

A SELECTION OF THE LATEST FULL KITS IN PLASTIC, RESIN, METAL AND MORE!



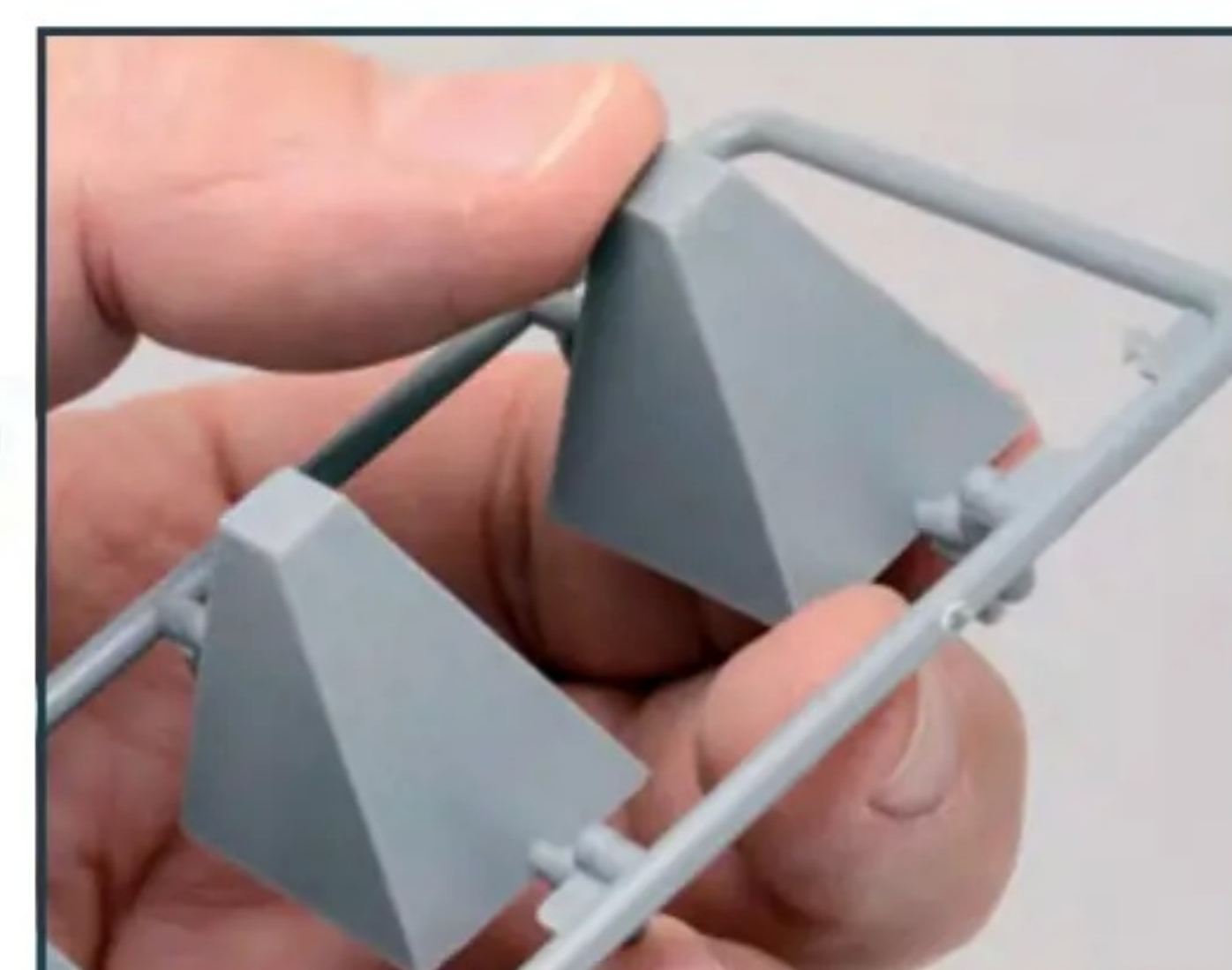
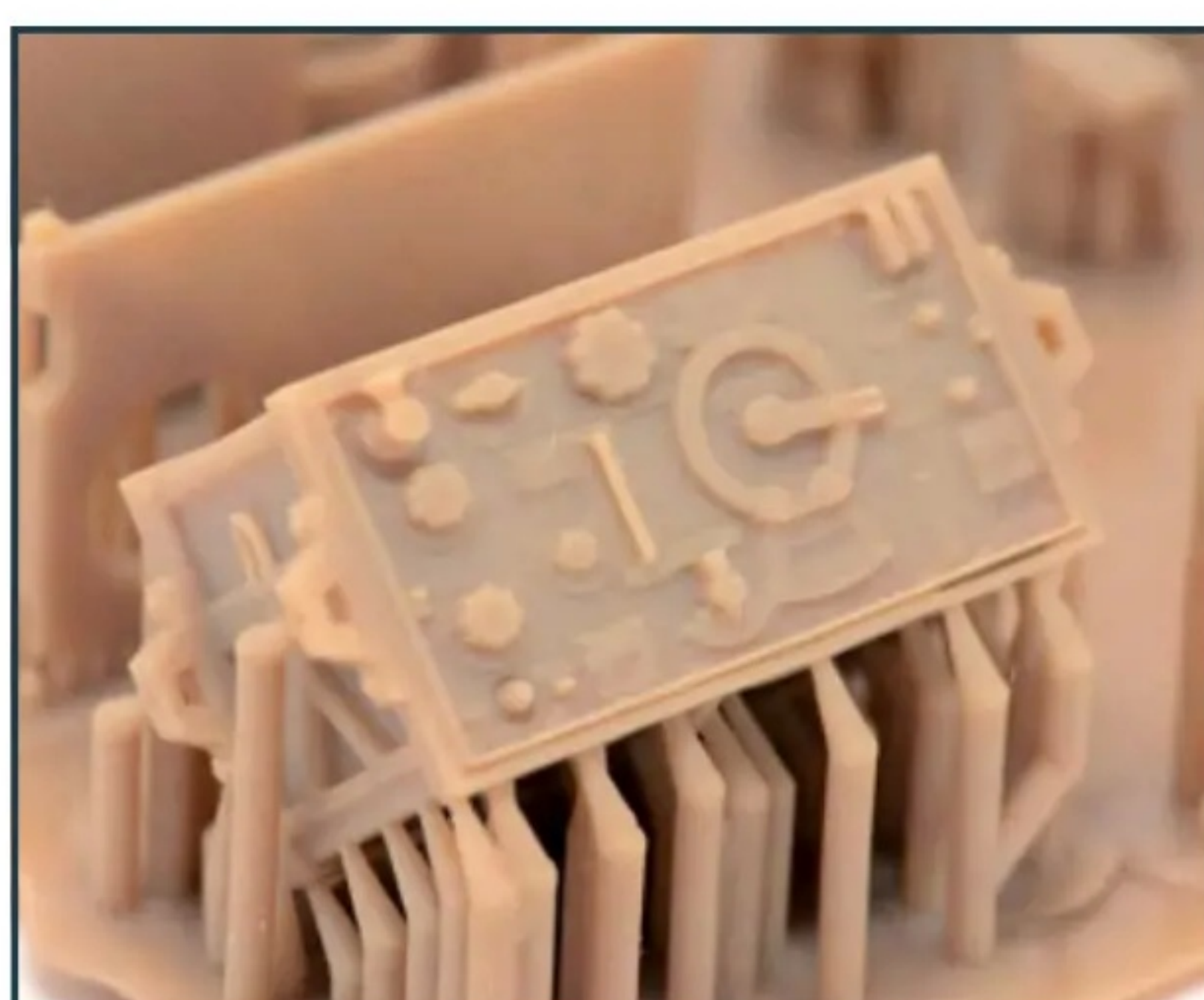
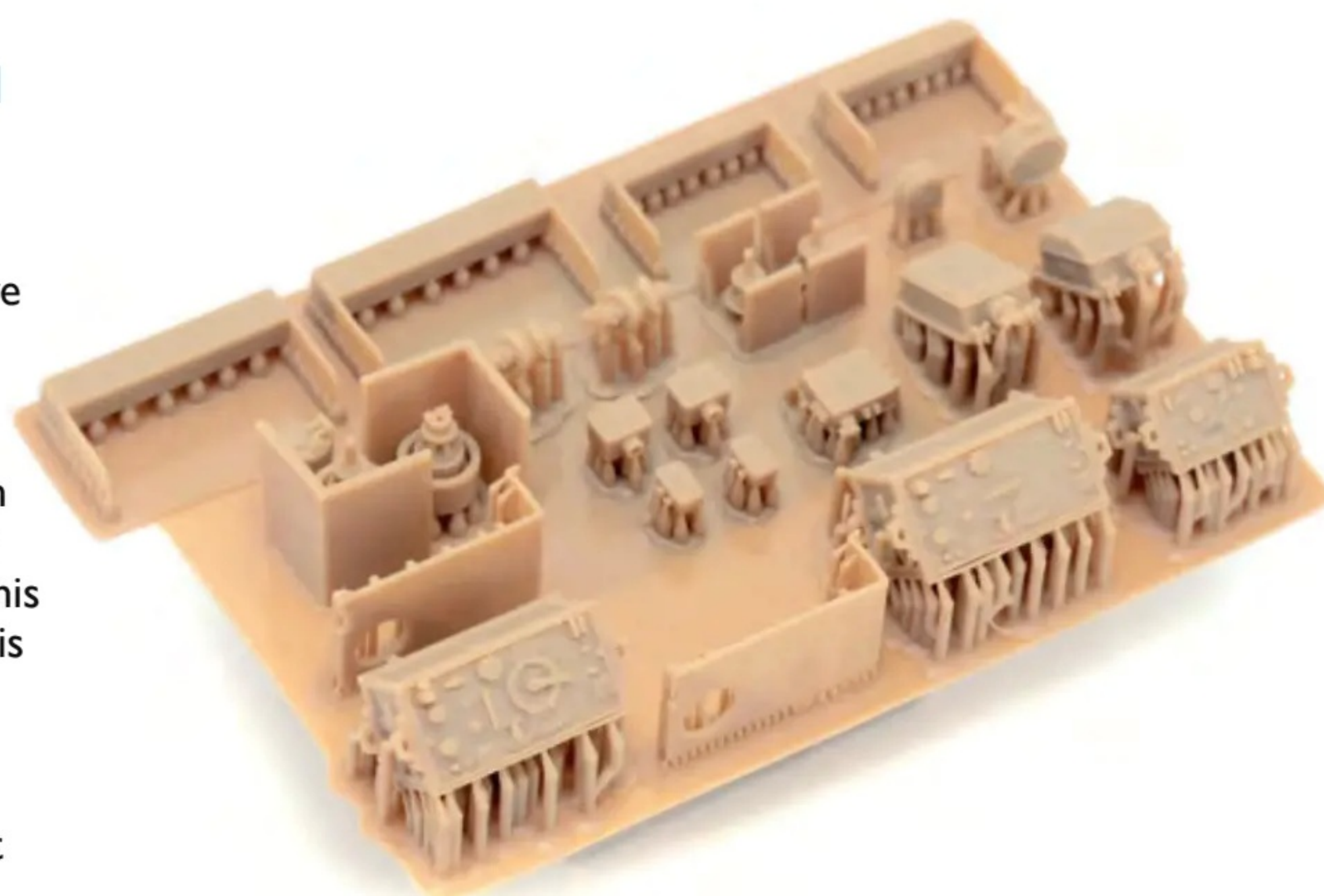
PASSION MODELS, JAPAN

www.passionmodels.jp

If you are thinking about building Tamiya's superb '8.8cm Pak43/1 auf Geschützwagen III/IV Sd.Kfz.164' to give it its full name (Kit No.35335) as the command version, you will need the necessary radio sets, because so much of the interior is on show and they can be seen clearly! This equipment is now available thanks to Passion Models in this set of 3D-printed parts, and the detail is fantastic. Full instructions provided.

1:35 3D-printed detail set

- Nashorn Command Vehicle Radio Set (P35T-010)



GECKO MODELS

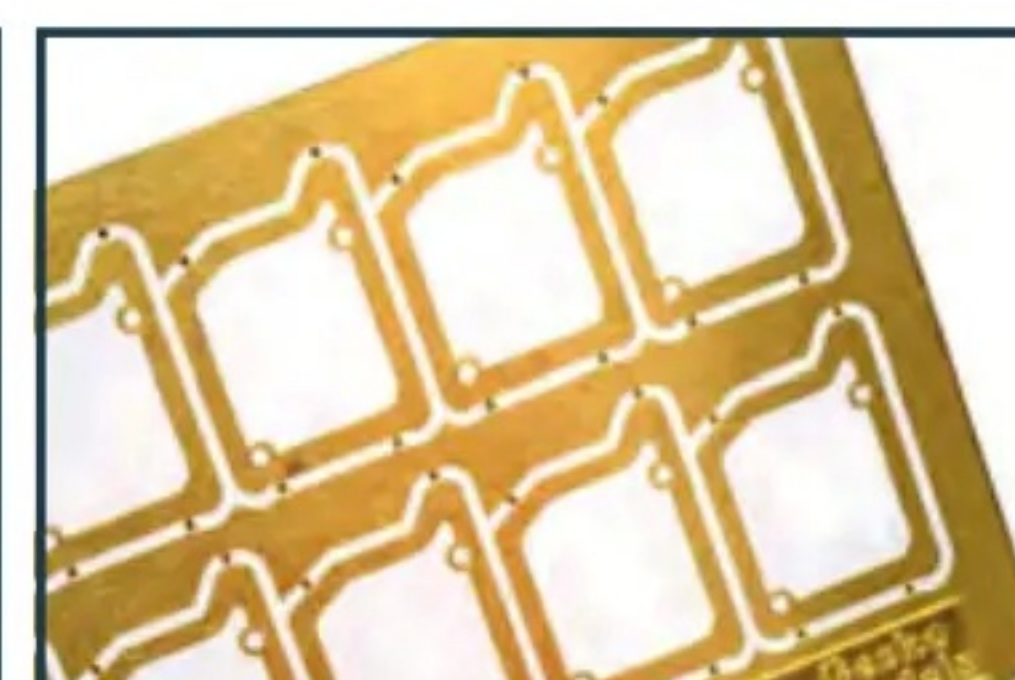
www.gecko-models.com www.tankmuseumshop.org

Gecko Models has recently made the possibility of a 1:35 'Siegfried Line' diorama that little bit easier with the release of this set of eighteen, cast-concrete 'dragon's teeth' obstacles in injection-moulded polystyrene. Six sprues are to be found in the box, each carrying three types of concrete-textured 'tooth', more than enough for a good-sized diorama.

Also new from Gecko is a pack of modern British military twenty-litre water and fuel cans, ten of each type and all moulded beautifully in two halves with detail on all faces. Separate handles, filler caps and photo-etched seams are provided for the fuel cans for an accurate profile. The finishing touch is a set of decals for the water cans - very neat indeed and perfect for a Tamiya Challenger 2.

1:35 injection-moulded detail sets

- Dragon Teeth Anti-Tank Obstacle Set Small Type (35GM0048)
- Modern British 20L Fuel Can & Water Can Set (35GM0079)



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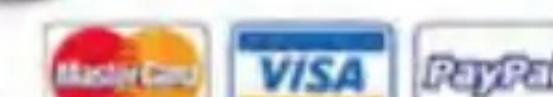


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KIT PREVIEW

GECKO MODELS 1:35 '60S-'70S SAIGON SHUTTLE MOTOR-TRICYCLE W/DRIVER & PASSENGERS • NO.35GM0111



SAIGON TUK TUK!

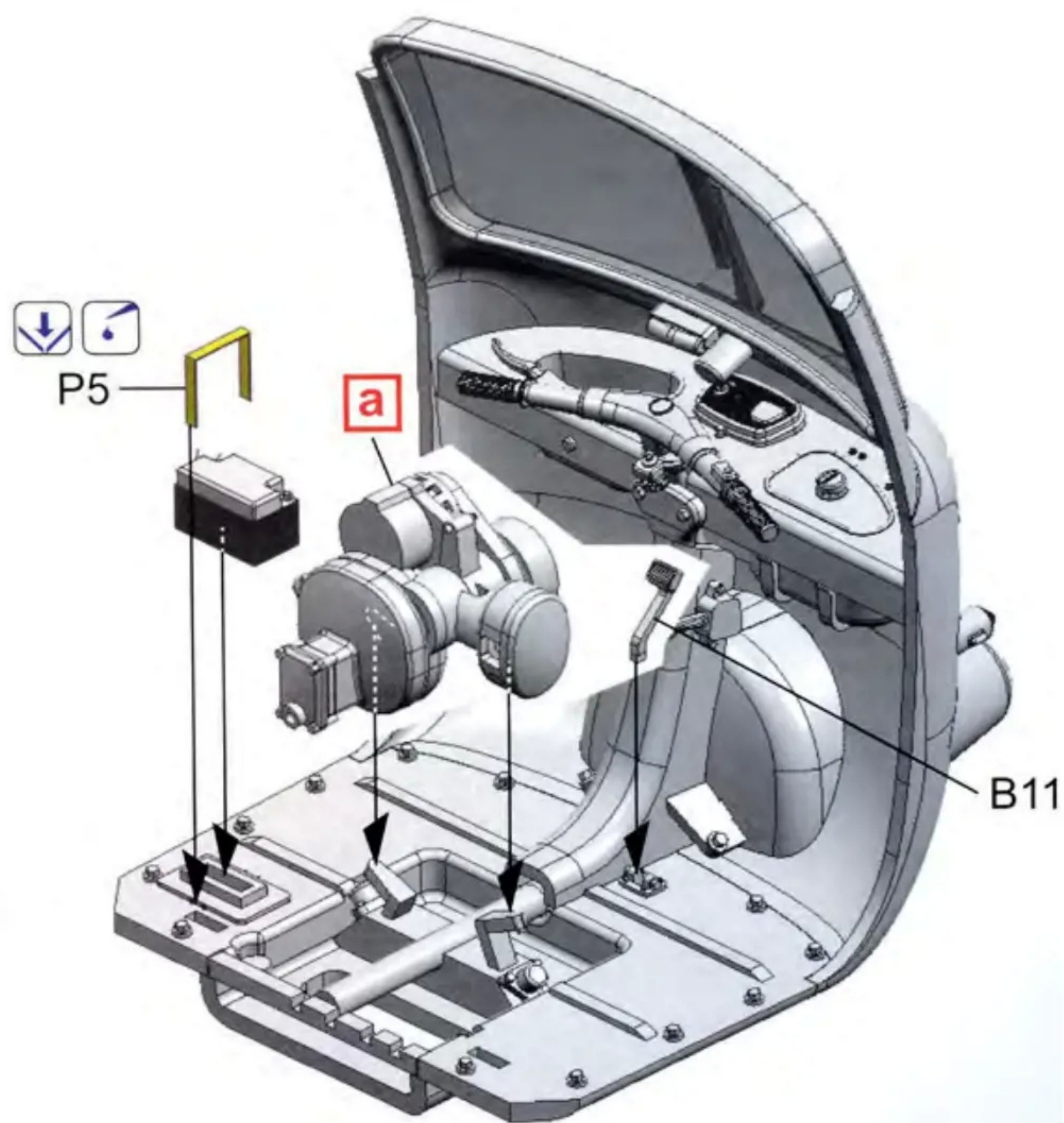


The Lambro 550 – sometimes known as a 'Tuk Tuk' – was a small, three-wheeled vehicle whose 200cc engine and some mechanical underpinnings were based on the legendary Italian Lambretta scooter of Mods 'n Rockers fame in 1960s Britain. When production stopped in Italy in 1967, the rights to manufacture the Lambro passed to India, with many finding their way to Vietnam and this is where it earned its fame as an iconic mini-bus and micro delivery-truck on the streets of Vietnam War-era Saigon. The box-art is testament to this, with a US Army Military Police M151 Mutt in the background and the '550, instantly placing its location and timescale: it could be a scene from a Vietnam War movie and is a diorama in the making. But as well as a handy city run-around, the Lambro had an altogether more serious role, serving as an inconspicuous transporter of weapons and military materiel for the National Liberation Front of South Vietnam.

Gecko Models have become known and loved for choosing off-beat subjects to reproduce in miniature. Their announcement of this kit brought delight to many modellers of Vietnam War machinery, and that includes us at Tamiya Model Magazine! In the box we have multiple light grey polystyrene sprues that carry the distinctively-shaped components of a Lambro and as ever, Gecko have gone to town, with a detailed depiction of the engine, chassis

and suspension, along with beautifully formed body panels that replicate the real machine's steel stampings, incorporating large letters spelling out 'Lambro 550' on their sides.

For such a small vehicle, the kit is incredibly well detailed, with little if anything missing. The big bonus of this model is the inclusion of a driver and four passenger figures, all suitably clad for the setting and appropriately petite in stature. Another bonus is the provision of seven rice sacks (each in two halves for optimal detail), two bags of potatoes and three spare wheels/tyres to place on the roof. Four decal options are included and they are all pleasingly colourful. It's a superb little model and Gecko have done a marvellous job of replicating it in miniature form, just ripe for inclusion within a diorama of a mid-sixties Saigon street scene. ●

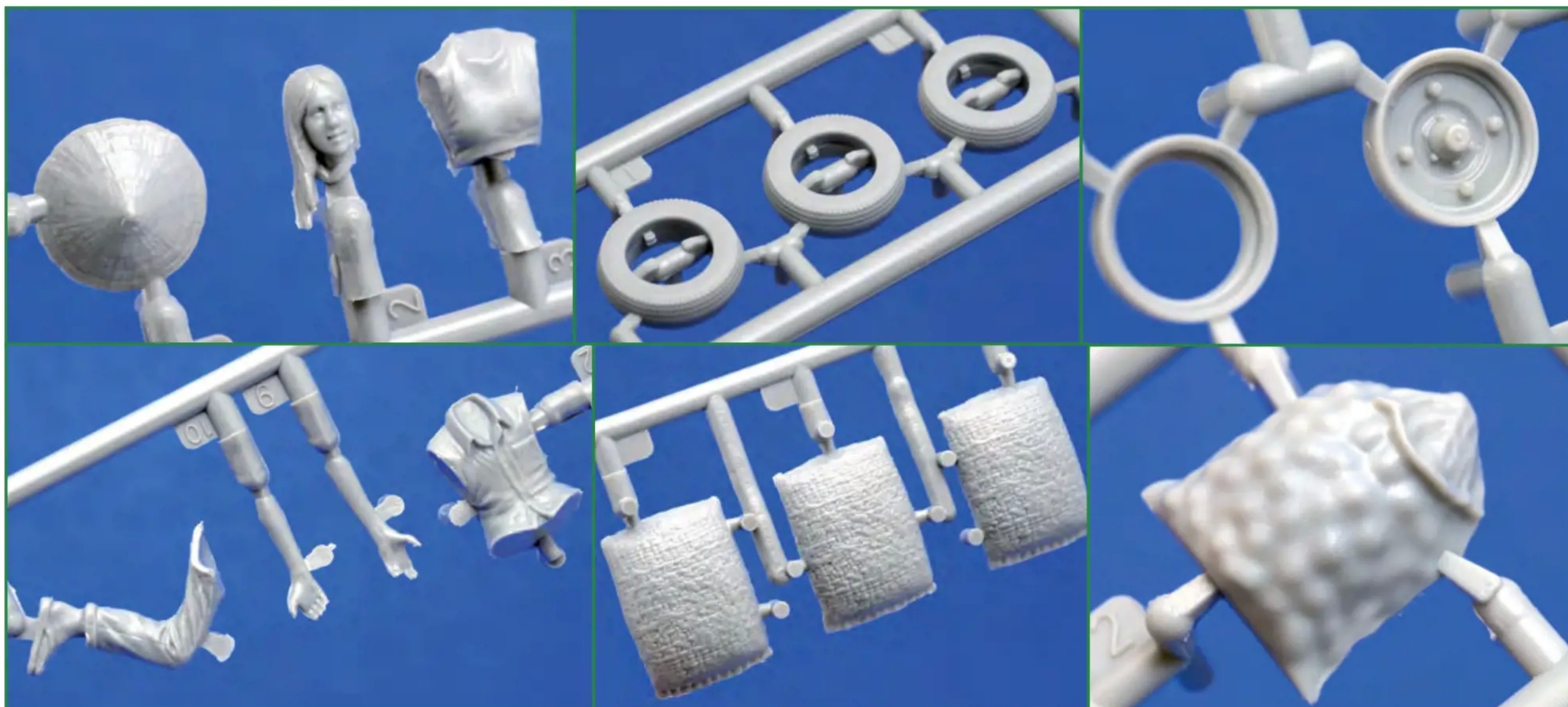


Availability;

Gecko Models are widely available from good model shops and online.

www.tankmuseumshop.org

Brand new from Gecko Model comes a delightful little 1:35 kit of the Lambro 550, a Vietnam War street-icon



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AIRFIX, UK BRISTOL BULLDOG MK.II

www.airfix.com Available from good retailers everywhere

SCALE: 1:48 • MATERIALS: IM, WS • ITEM NO.A05141

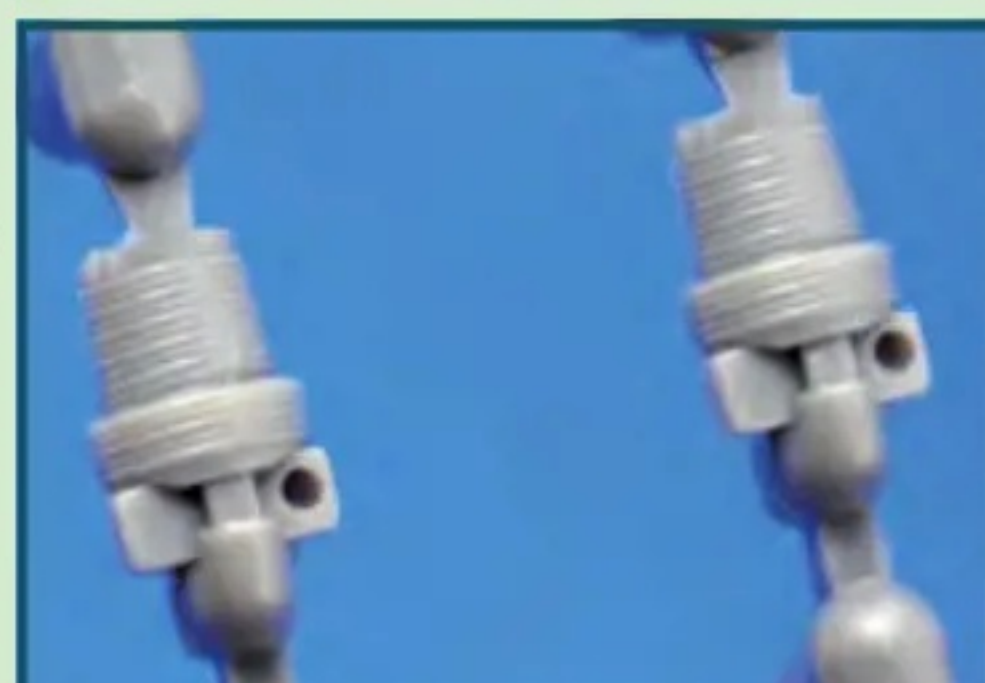
Quoting from Airfix's website to put this model into context:

"Perhaps the most famous incident involving a Bristol Bulldog proved to be a rather unfortunate one, when an accomplished, but rather headstrong RAF pilot performed unauthorised low-altitude aerobatics for a group of onlookers and a private civilian aerodrome in Berkshire. Flying so low that the wingtip of his fighter struck the ground during a manoeuvre, the Bulldog cartwheeled across the airfield, inflicting catastrophic injuries on the pilot - that pilot was future Second World War

RAF ace and inspirational national hero Douglas Bader." So this all-new kit from Airfix comes with a big chunk of history attached to it and what a way to celebrate that fact with this stunning new model in 1:48. Arriving on five sprues of mid-grey polystyrene plus one in clear (*TMMI* *passim*), the kit offers the modeller the chance to build a concise yet deliciously detailed miniature replica of Bristol's pugnacious little biplane. The star of the show is the kit's 440hp Bristol Jupiter engine, which is broken down part-by-part into crankcase, intake and exhaust collector and rings, plus gearbox. But what about the cylinders? Each is formed in two halves, front and back, to allow the maximum detail to be rendered: they do remain on show after all. Once assembled, each cylinder head pops onto its own location pin incorporated earlier in assembly, offering a potentially excellent result - very smart design work indeed. The airframe has been executed with similar aplomb, with scale-appropriate rib detail visible on the wings, and stringers along the fuselage. Rigging biplane models is always a "should I or shouldn't I" question but Airfix ease the process with some very clear diagrams within the instructions that show where the tensioning cables go, using whatever material you choose for the task.

TMMI

- + A brilliant new kit with a clever engine design and stunning airframe detail
- Rigging is always a challenge but with this model, it's not too bad...



EDUARD, CZECH REPUBLIC FREEDOM TIGER F-5E LIMITED EDITION

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

Available from good retailers everywhere

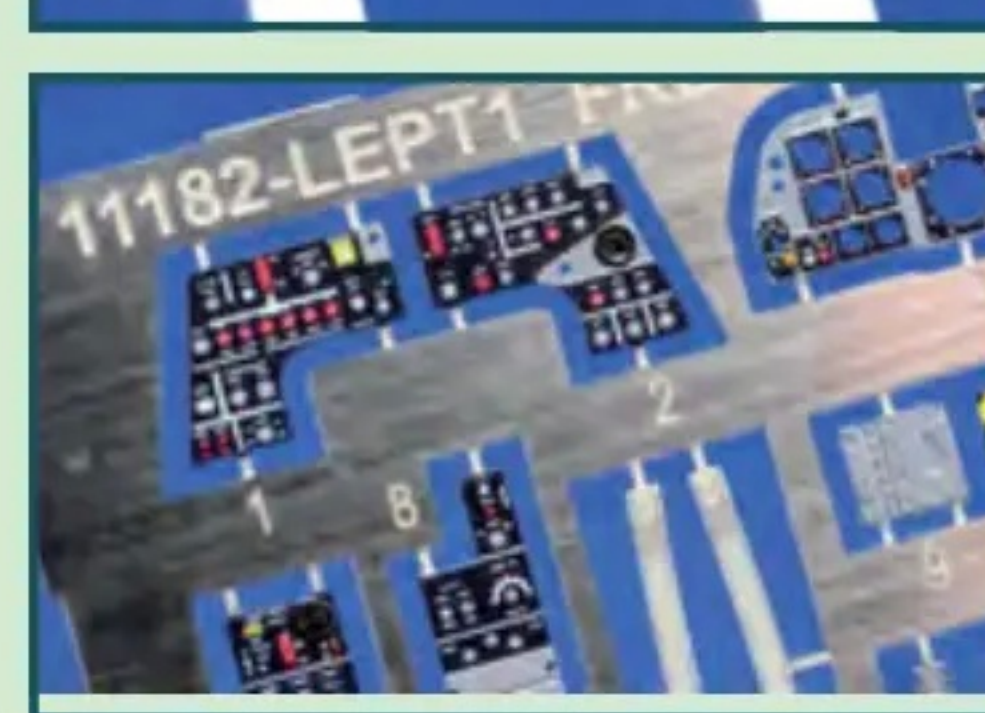
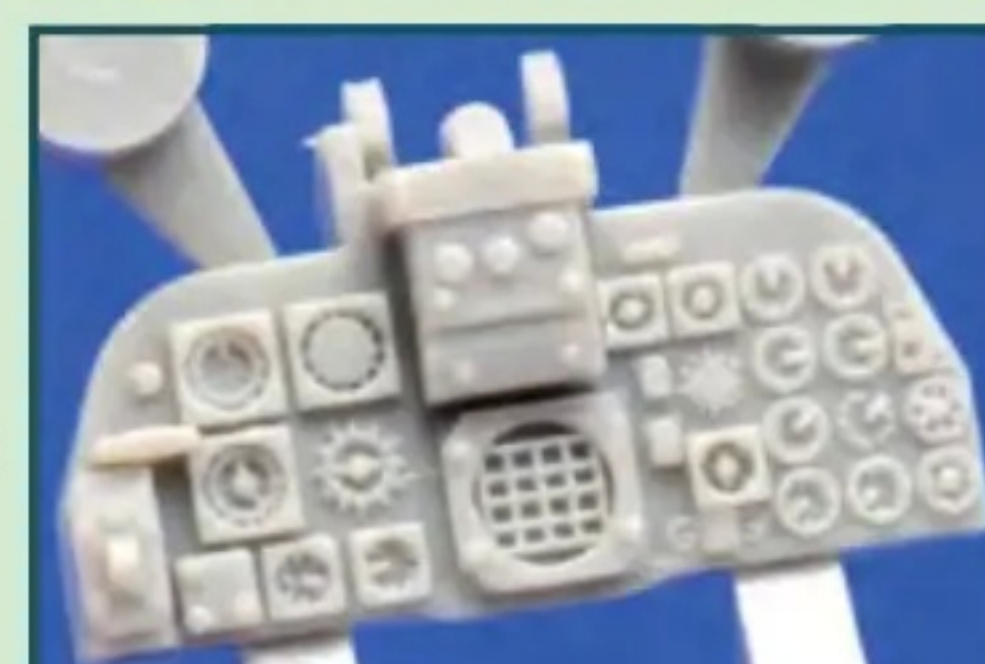
SCALE: 1:48 • MATERIALS: IM, R, PE, WS • ITEM NO.11182

The Northrop F-5E Tiger's kit parts used by Eduard for this limited edition release actually come from AFV Club, who originally launched their 1:48 model back in 2010 to much acclaim from the aircraft modelling community. And it is still an excellent kit to this day, with amazingly fine detail covering the jet's diminutive airframe and interior. This enduring high quality makes Eduard's version of the kit all the most enticing,

as into the box they have added two regular-sized and one small photo-etched brass fret, highly detailed and weighted wheels/tyres in resin, pre-cut canopy masks and a sheet packed with decals covering no less than nine options, one of which is the same machine represented at different stages of its life. The photo-etched parts include cockpit aperture edge detail (a big plus), cockpit controls and instrument-panel faces, seat harnesses, rudder-pedal faces, blade-antennae, perforated splitter-plate panels plus enhancements for the canopy opening mechanism which is on show when the Tiger is parked and the 'lid' is open. The markings options are for aircraft from the RVNAF, South Vietnam 1974, the same machine but as it appeared at the Aviation Museum Kbely, Czech Republic 2023, VFC-13 Fighting Saints, US Navy 1998, US Marines MCAS Miramar 1983, 57th Fighter Weapons Wing USAF, 1981, VFA-127 'Cylons' US Navy NAS Fallon 1993, 425th Squadron, USAF Arizona late 1970s, Brazilian Air Force 2005 and a machine of the Royal Thai Air Force late 1990s. The paint schemes are nicely varied, from the three-colour South East Asia scheme, US Navy 'blue' scheme, USMC tan/khaki 'Top Gun' colours and others. This is an excellent bringing-together of top-notch plastic kit parts, Eduard's superb PE, masks and decals and resin wheels.

TMMI

- + AFV Club's Tiger is the basis and it is excellent
- Buy one while you still can!



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)



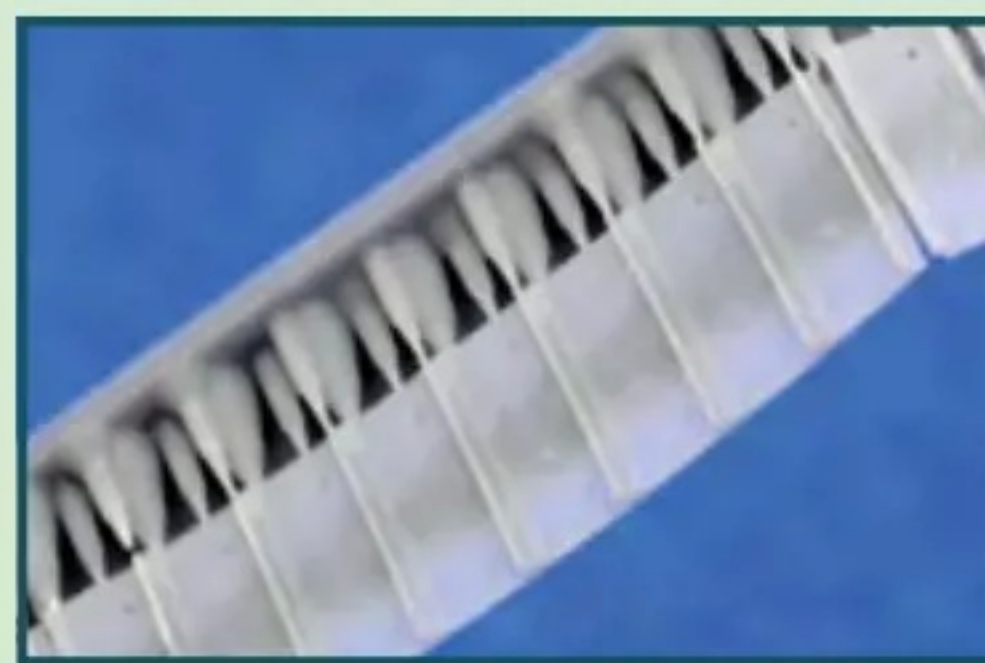
FOXHOPP MODELS, UK RUSSIAN URAN-6 REMOTE MINE CLEARANCE VEHICLE

www.foxhoppmodels.co.uk

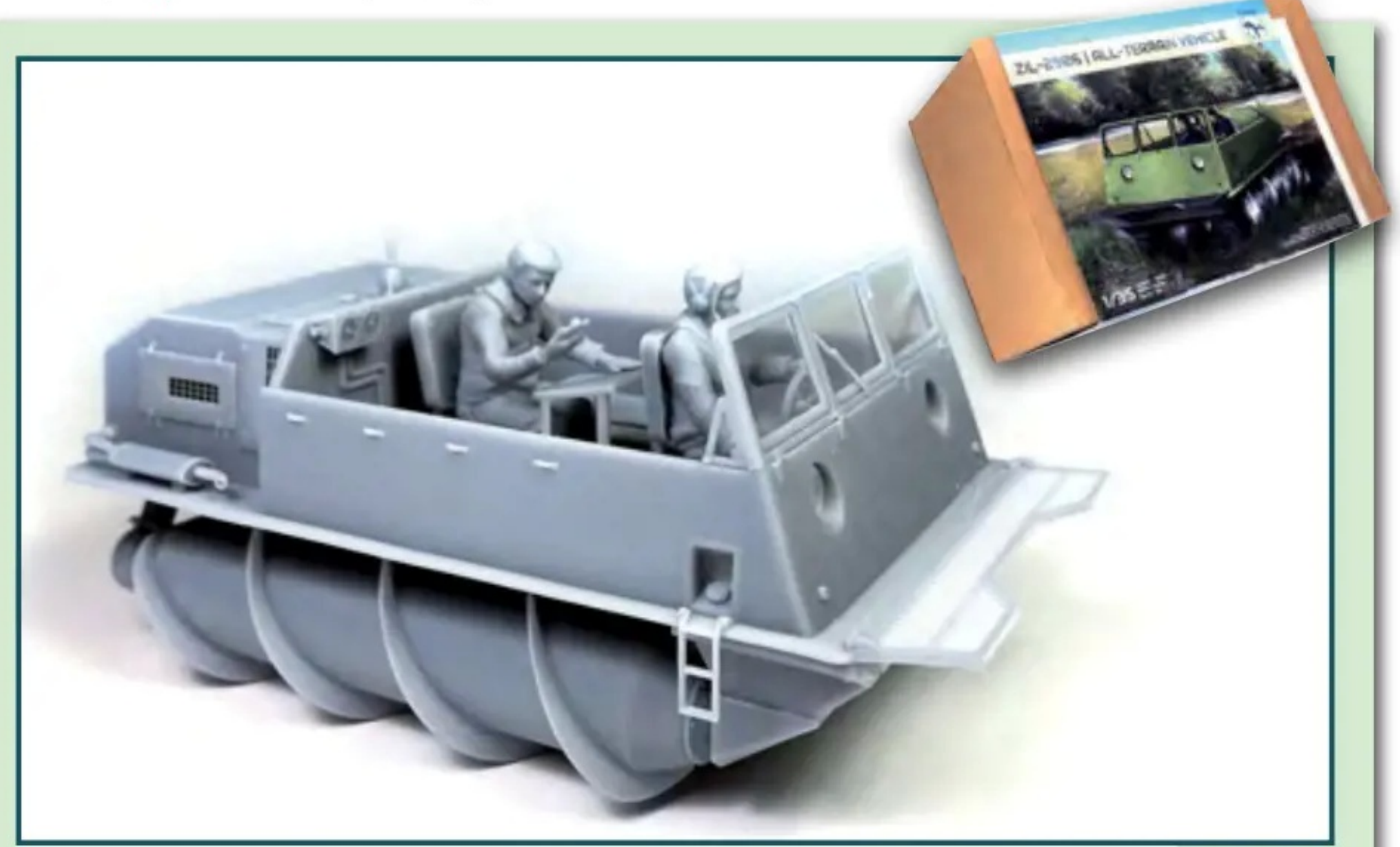
SCALE: 1:35 • MATERIALS: 3D • ITEM NO. n/a

To quote the manufacturer's website (<http://roe.ru/eng/>): "The Uran-6 Multifunctional Robotic Demining System is designed for reconnaissance and area-clearing of anti-personnel landmines and explosive objects in the remote control mode. The Uran-6 is of modular design, featuring a welded, armoured hull that provides protection against fragments and the blast effect of anti-personnel mines and IEDs. The system comprises the vehicle itself, remote control set consisting of an ergonomic backpack and a control console, maintenance and support kit and a range of detachable equipment." And to quote the kit's maker: "Derived from the renowned Croatian DOK-ING MV-4, the Uran-6 is a Russian remote mine clearing vehicle developed and produced by the Nakhabino 766th Directorate for Production and Technological Equipment in Moscow." So, this versatile little mine-clearer is very

interesting indeed, making an attractive subject for a model. With 3D printing technology in full swing, the creation of such a kit is much more within reach these days. Foxhopp Models are based in Scotland and they have fully embraced this technology, with results that speak for themselves - their Uran-6 is an absolute marvel of mind-boggling detail, created by highly intelligent design that allows pre-formed hollow structures and seemingly impossible levels of delicacy in just a minimum of components. The model comes with the main hull printed as a single piece to which is fixed the tracks (upper and lower halves onto suspension units) and the frontal mine-roller assembly. The most time-consuming part will be freeing the 'castings' from their support matrices. Once this is done, the model should come together quickly, using cyanoacrylate (superglue) as an adhesive. It can then be painted and weathered with conventional scale modelling paints and materials. **TMMI**



- + Fascinating subject, incredible detail and to quote many a modeller "I bet you thought you'd never see this in 1:35 scale!"
- A little experience with 3D-printed models will help, but it's quite straightforward



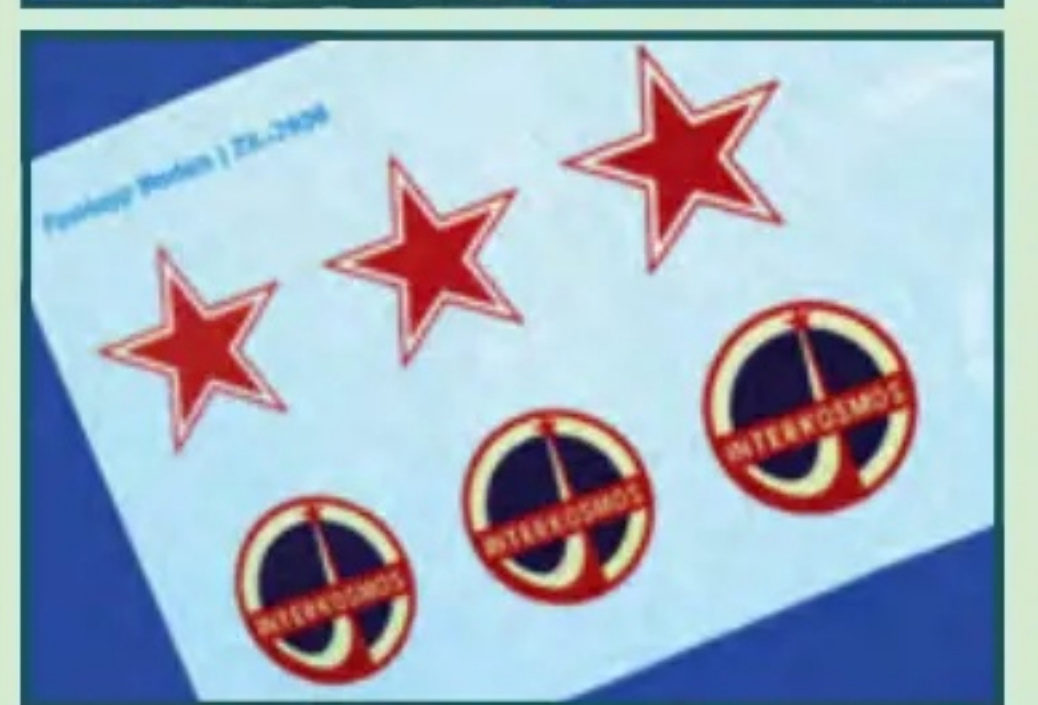
FOXHOPP MODELS, UK ZIL-20906 ALL TERRAIN VEHICLE

www.foxhoppmodels.co.uk

SCALE: 1:35 • MATERIALS: 3D • ITEM NO. n/a

The ZIL-20906 (Russian: ЗИЛ-20906) was a screw-driven amphibious craft manufactured in the Soviet Union from 1975 to 1979 by ZiL. In 1980, it was succeeded by the ZIL-20906I which was produced until 1991. These vehicles are notable for being screw-propelled which allows them to traverse inhospitable terrains such as water, bogs, ice and snow. The vehicle was designed to recover re-entered Soyuz space capsules from areas that were hard to reach by conventional means. The ZIL-20906 was carried on the back of a ZIL-4906 six-wheeled amphibious, all-terrain vehicle

until it reached the most difficult to traverse area, at which point the ZIL-20906 would be unloaded to continue the search. It was powered by two Zaporozhet car engines which ultimately proved unsuitable and underpowered. Foxhopp Models have created a 1:35 miniature of this extraordinary machine using 3D-printing technology and like the Uran-6 mine clearance vehicle reviewed opposite, it is a marvel of detail and refinement, all printed in pale grey resin. Impressively, the model includes moving parts as well as crew figures and decals. As with the Uran-6, Foxhopp's ZIL-20906 features hollow, multi-layered and undercut detail that would be impossible to achieve (in one piece) in any other medium and to an incredible degree of finesse too. The photo of the rectangular engine grilles included with this review (shown right) hopefully conveys this effect, but it really needs to be seen first-hand to fully appreciate just how remarkable it is. The kit is presented professionally, with vehicle history, instruction notes and colour guide printed on six, high-quality cards. A pair of crew figures with a variety of heads are provided, along with some fine wire for the aerial, clear parts and some good quality decals. **TMMI**



- + Another fascinating and offbeat subject from Foxhopp with masses of extraordinary detail
- As before, some experience with 3D-printed models will help

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GECKO MODELS, HONG KONG GERMAN 4X4 7.5CM PAK40 ANTI-TANK GUN TRACTOR C8 (BEUTEWAGEN)

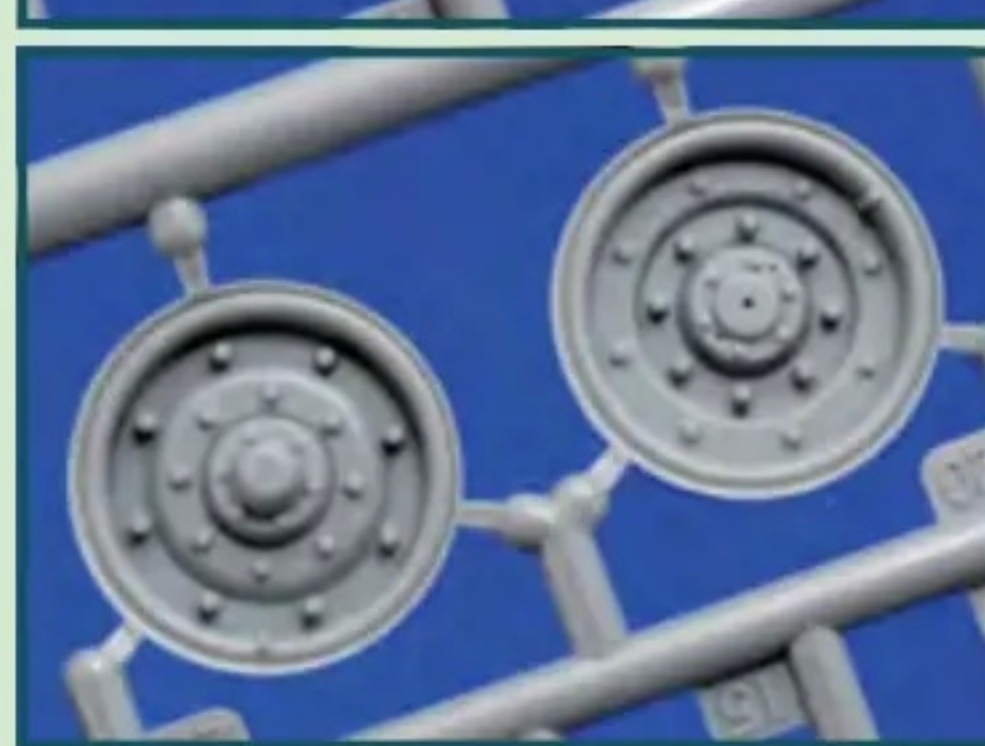
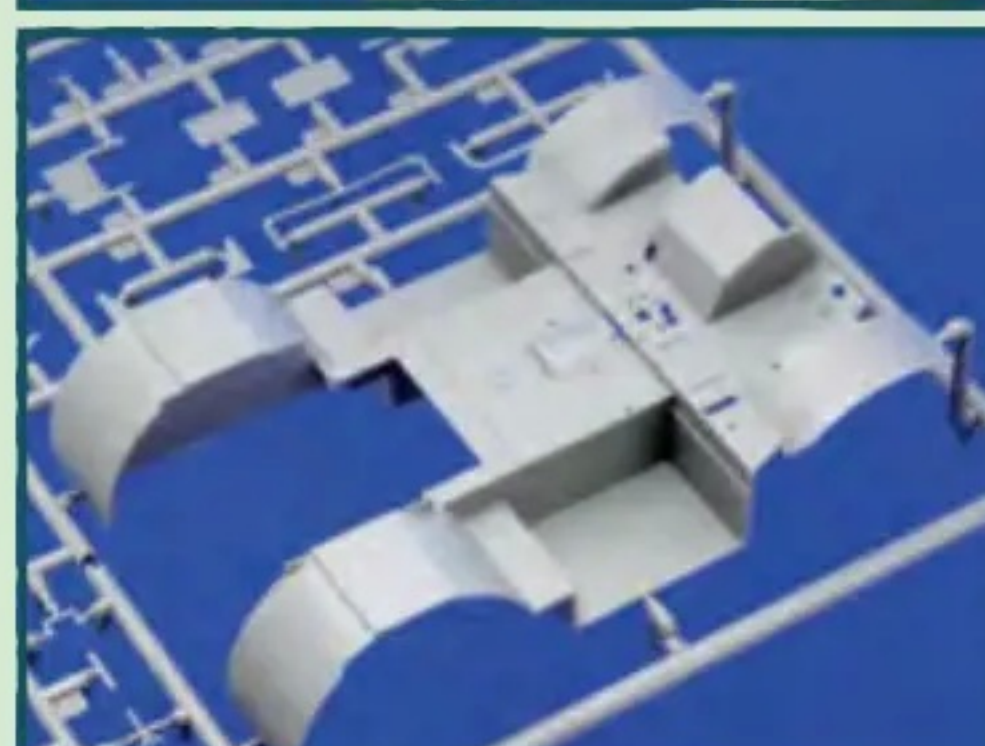
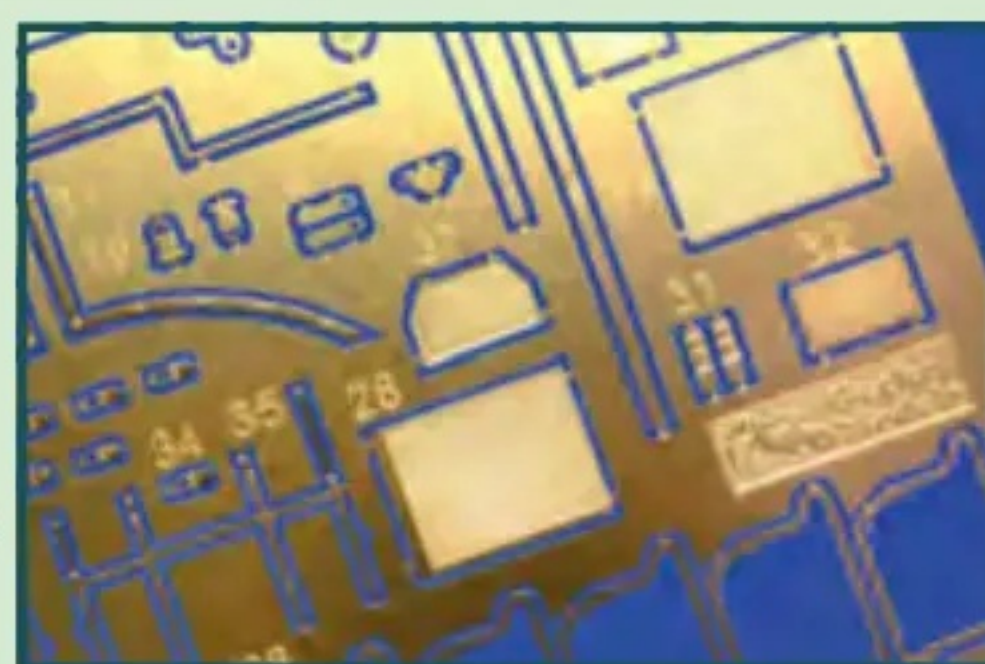
www.tankmuseumshop.org and good retailers everywhere

SCALE: 1:35 • MATERIALS: IM, PE, WS • ITEM NO.35GM0073

Following the British withdrawal at Dunkirk in 1940, vast numbers of military vehicles were left behind as thousands of troops scrambled aboard the flotilla of small vessels. The German army didn't hesitate to scoop up as many of the functioning vehicles as possible, pressing them into service in a wide variety of roles. The Morris C8 artillery tractor as kitted here by Gecko Models is one such example and with its upper awning removed it looks quite different to how it did while in Allied service. It's another of Gecko's amazing, highly detailed productions that leaves no stone unturned in terms of thoroughness and intricacy: the instruction booklet extends to sixty construction steps, giving a clue to the model's enjoyably complex design. The build begins with the Morris's engine and here we are presented with an amazing little replica of the 3.5 litre, four-cylinder petrol powerplant, from individual spark plugs (!) to fan-belt and oil filler tube. The chassis is a part-by-part structure with rails and crossmembers coming together, into which drops the engine in its subframe. Before the suspension is fitted, the truck's winch and associated drivetrain must be fitted, followed by the live rear and front axles. The steering is fixed but positionable thanks to the provision of differently angled hubs which are cemented in place, pointing the wheels to the left or right, a nice touch. The cabin is a relatively straightforward compared to the busy underpinnings, but it is still packed with stunning detail. The only slight 'disappointment' with this kit is the lack of Pak40 and crew figures, but these absences are noted on the box lid. Otherwise, it's an amazing little model that will keep the modeller busy for ages, in a good way! **TMMI**

+ An amazingly detailed and nicely complex kit for the patient modeller

- Anti-tank gun and crew in the boxtop artwork are not provided, but noted



ICM, UKRAINE JU-88P-1 TANK BUSTER

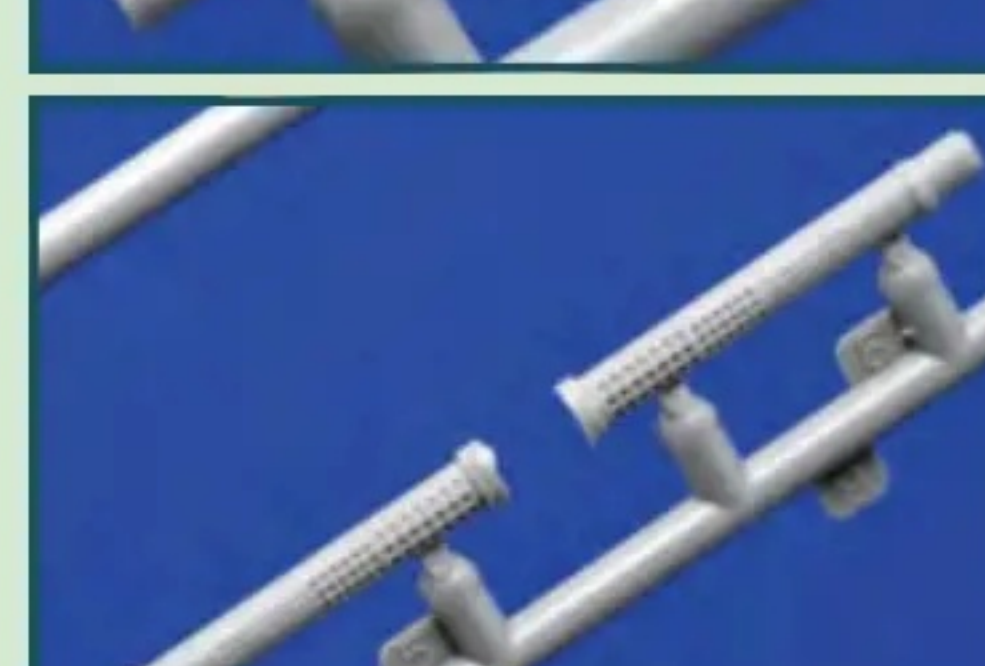
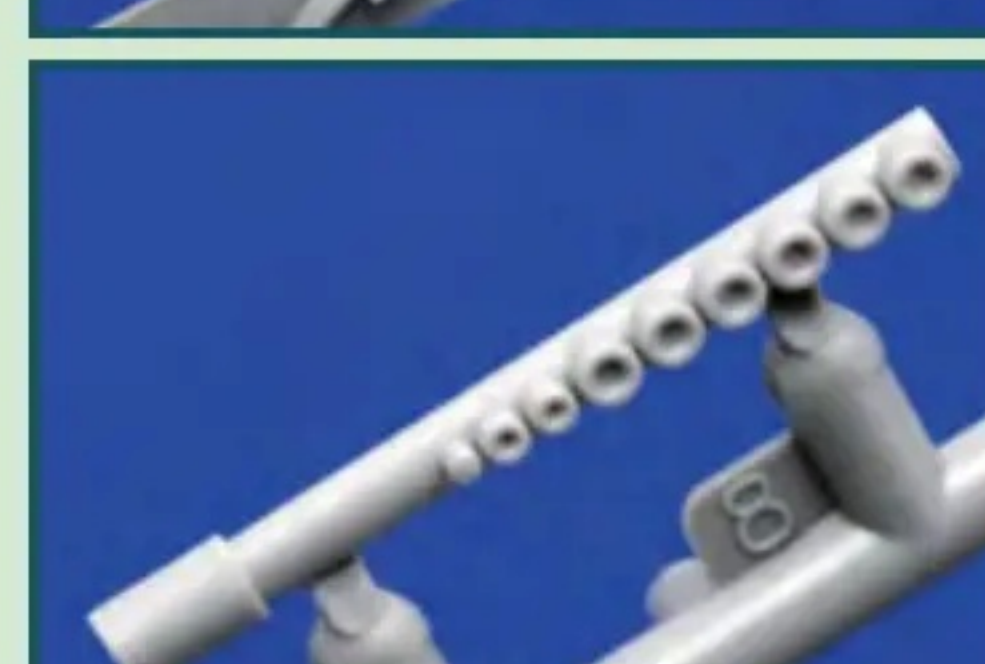
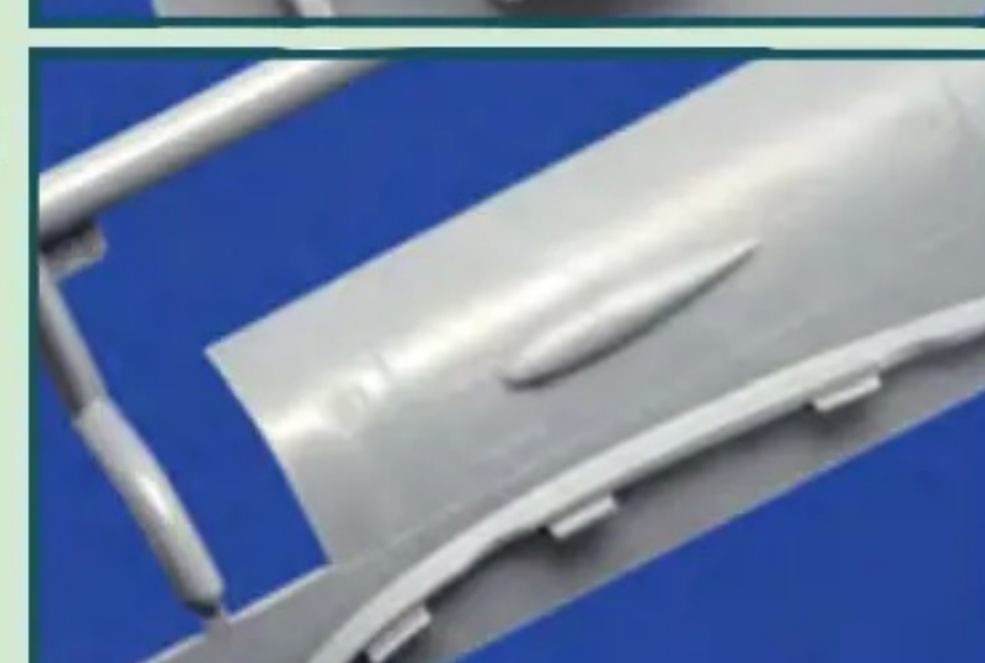
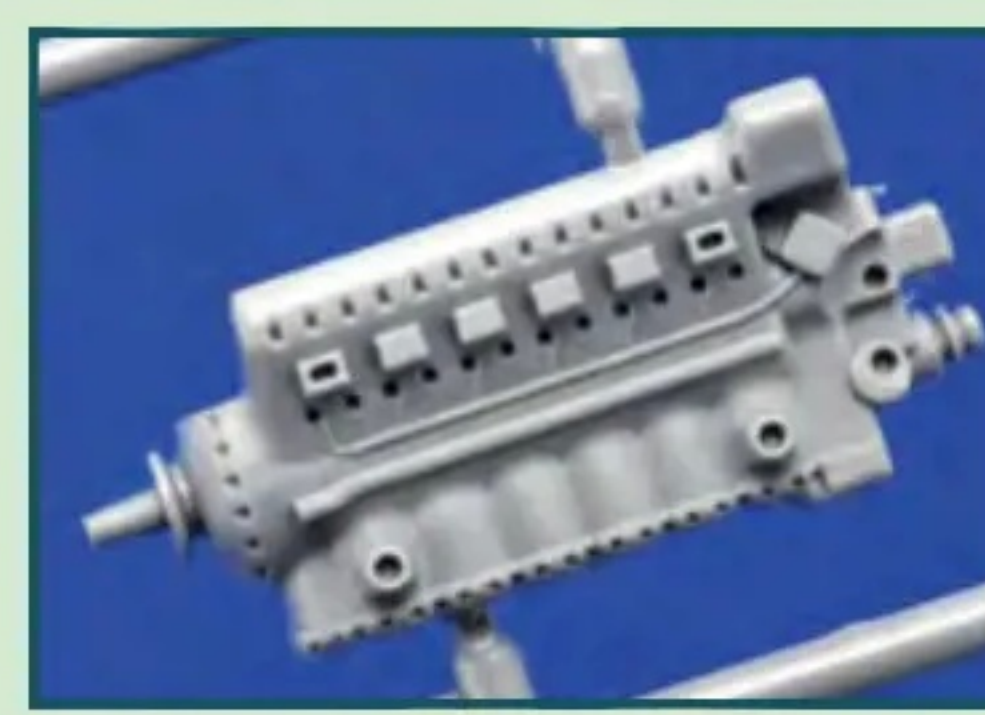
www.icm.com.ua www.hannants.co.uk Available from good retailers everywhere

SCALE: 1:48 • MATERIALS: IM, WS • ITEM NO.48228

The Junkers Ju88 was a German World War II Luftwaffe, twin-engined, multi-role combat aircraft, designed by the Junkers Aircraft and Motor Works (JFM) in the mid-1930s as a so-called 'Schnellbomber' ('fast bomber') that would be too fast for fighters of its era to intercept. It suffered from technical problems during its development and early operational periods but became one of the most versatile combat aircraft of the war. Like a number of other Luftwaffe bombers, it served as a bomber, dive bomber, night fighter, torpedo bomber, reconnaissance aircraft, heavy fighter and at the end of the war, as a flying bomb. Despite a protracted development, it became one of the Luftwaffe's most important aircraft. The assembly line ran constantly from 1936 to 1945 and more than 15,000 Ju88s were built in dozens of variants, making it the second-most produced bomber of all time. (Wikipedia). ICM has released several versions of this ubiquitous and good-looking aircraft and the latest to arrive at Tamiya Model Magazine is the Ju88P-1 'tank buster' ground attack variant. Nine sprues of varying sizes will be found inside the box, moulded from ICM's familiar and malleable medium-grey plastic. The Ju88's characteristic, multi-faceted canopy is broken down into numerous parts over the clear polystyrene sprue and for efficient painting of its framework, we highly recommend the use of Eduard's pre-cut masking set, appropriate for this version. A supplemental clear sprue is included for the rear of the belly gondola that carries the 75mm Pak40 anti-tank gun and rear-facing machine guns. It's crazy to think this modestly-sized aircraft had one of these weapons – not inconsiderable in size – slung underneath its fuselage, but it must have given it a powerful punch in action. ICM have done a superb job of the kit, with great detail everywhere. **TMMI**

+ An excellent 1:48 replica of this widely-used medium bomber

- The modeller must find their own seat harnesses



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)



ITALERI, ITALY

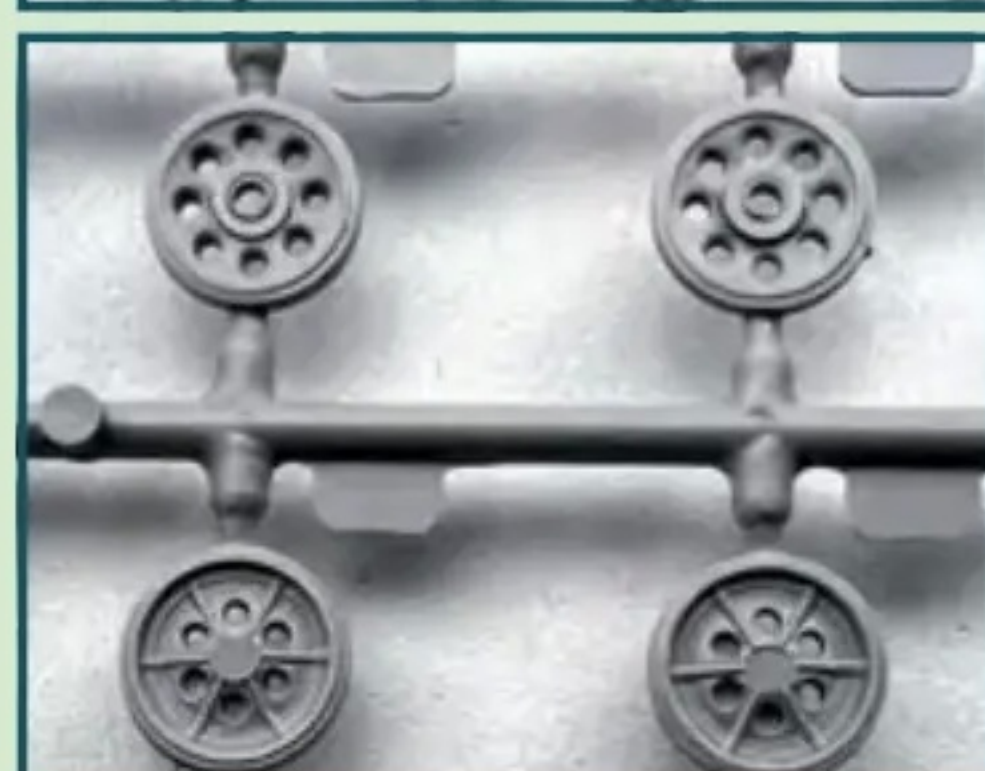
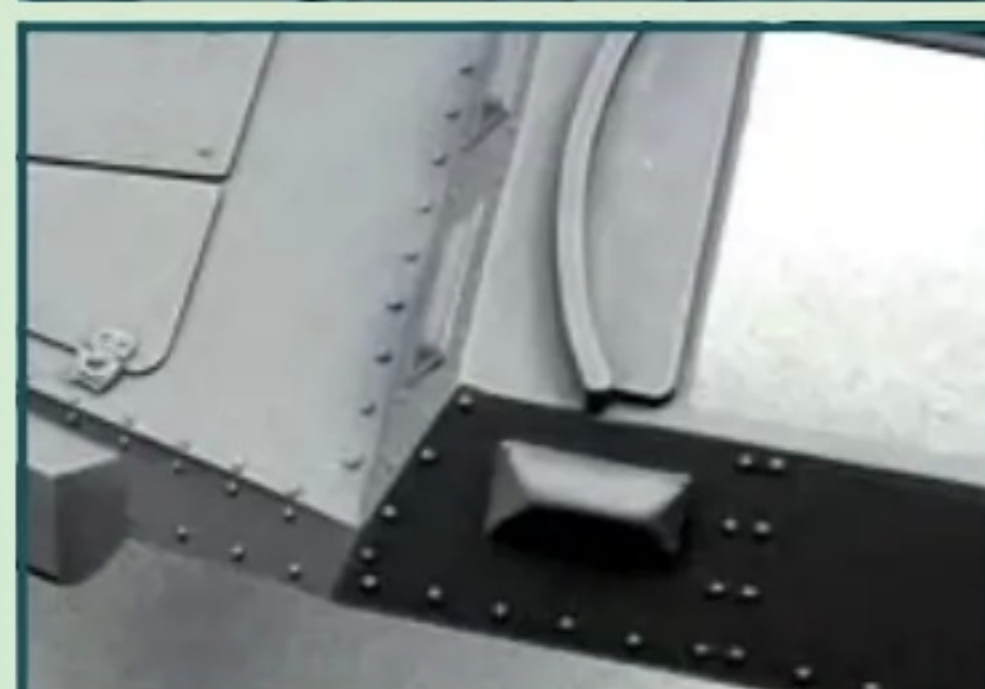
SD.KFZ.251/10 SCHÜTZENPANZERWAGEN 3.7CM PAK

www.hobbyco.net Available from good retailers everywhere

SCALE: 1:72 • MATERIALS: IM, WS • ITEM NO.7079

The German Sonderkraftfahrzeug (special purpose vehicle) Sd.Kfz.251 halftrack (previously inaccurately called the 'Hanomag') needs little introduction here. In reality, a three-quarter-track vehicle, with a long track run and interleaved wheels, the Sd.Kfz.251 was extremely common on the World War Two battlefield, and appears in almost every photograph of German armoured units in action. The vehicle evolved during the war, aiming for simpler and cheaper construction from a number of factories and this kit by Italeri depicts the Ausf.C version, typical of mid-war production. In fact, the kit has the rare riveted bodywork, produced by a Bohemian manufacturer who could not use welding. Removing the rivets would be easy if the more common welded type is preferred. At about the time that this version was being produced, the 3.7cm anti-tank gun was being replaced by heavier guns. The redundant guns were fitted to a number of Sd.Kfz.251 vehicles, resulting in the 251/10 version in this kit. The full sprue for the gun is provided and could be assembled separately in desired. The basic kit is quite old now, but has been improved by link-and-length tracks and some excellent new decals. The mouldings are very detailed in places, slightly crude in others, but once assembled the kit looks great. There are sink-marks on the roof above the driver, but this minor inconvenience is offset by excellently moulded wheels and hull details. **CLS**

- + A detailed kit, with figures and options for this classic vehicle
- The individual track links are tiny and will prove fiddly to assemble neatly



MINIART, UKRAINE

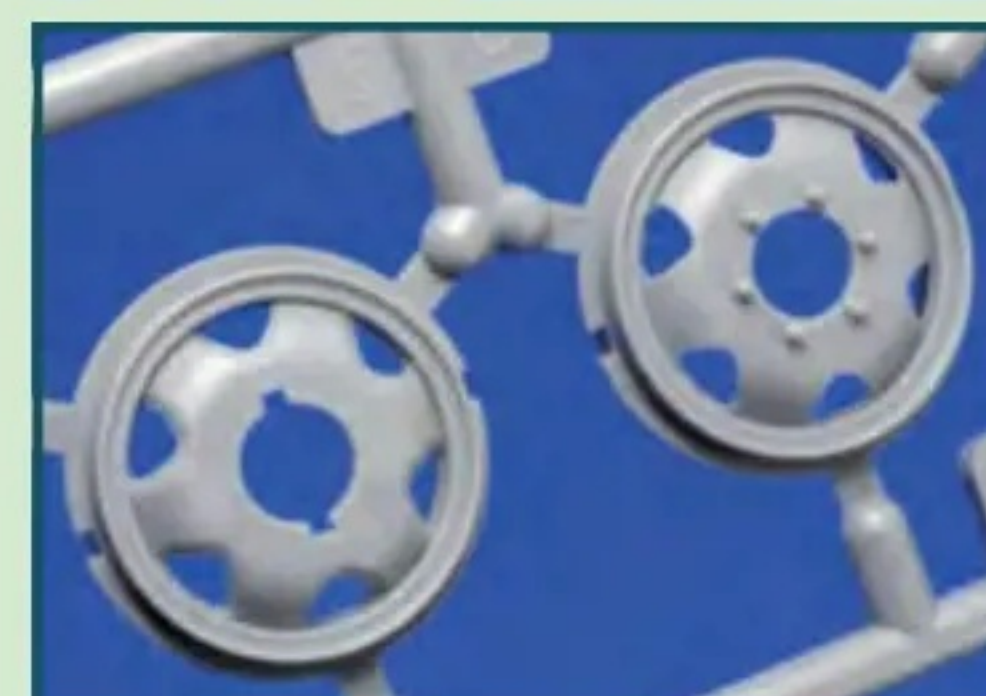
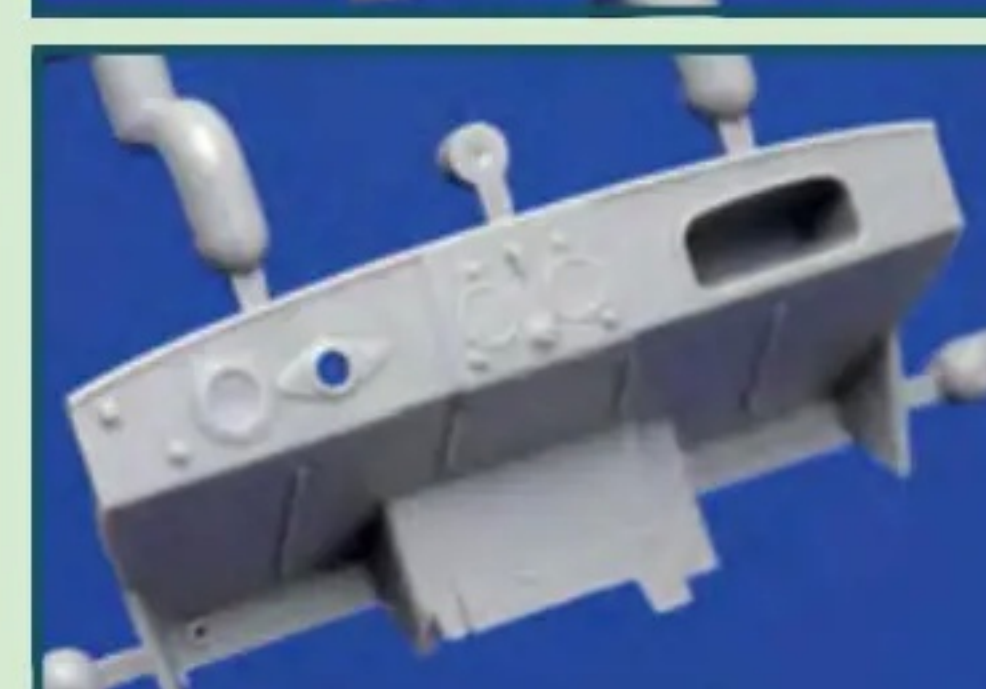
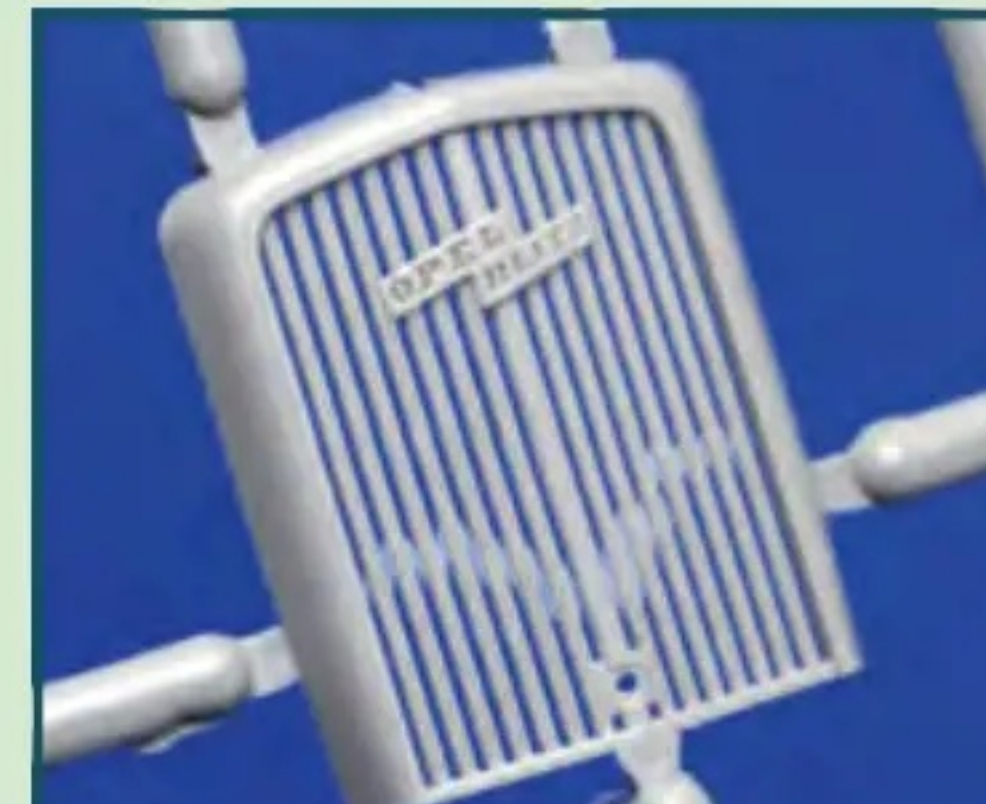
GERMAN 3T CARGO TRUCK 3,6-36S PRITSCHEN-NORMAL TYPE MILITARY SERVICE

www.creativemodels.co.uk Available from good retailers everywhere

SCALE: 1:35 • MATERIALS: IM, PE, WS • ITEM NO.35442

No fewer than twenty sprues of grey polystyrene, one in clear and a fret of photo-etched brass make up the contents of the kit box here, with MiniArt sitting alongside Gecko Models when it comes to the production of super-complex, highly detailed miniature replicas of truck kits! It's an absolute marvel of detail, with a comprehensive reproduction of the truck's engine, chassis, drivetrain and suspension all present and correct. The wheels and tyres are formed in a way that has been seen before in 1:35 vehicle kits, with the tyres being built up from slim discs, layer by layer around the wheel, five in total. This approach might appear a little eccentric – or more appropriately, 'concentric' – but by it allows the tyre tread to be built up very precisely. Crucially, this method eliminates the inevitable mould separation-line and distorted detail. The only feature that's not included with this technique is a flat-spot to depict weight, but it's not difficult to file one's own into the contact point to avoid the model looking like its tyres are made from granite. The cargo bed is extremely well done, with no over-scale wooden texturing and most importantly, not an ejector-pin mark in sight. MiniArt's designers have opted for 'snip-off tags' for the ejector-pins to press against when pushing the sprue from the tight injection mould, and these are far easier to deal with than filling/sanding those pesky recessed discs that are frequently present in awkward places on flat panels of truck models. Six markings-options are included for this kit for combinations of grey, green and red trucks in German and Soviet service throughout the Second World War, but one leapt out as the most interesting, a vehicle from 'Organisation Todt', the civil and military engineering organisation in WW2 Germany. **TMMI**

- + A superbly well detailed kit of the ubiquitous Opel Blitz
- Don't be put off by the layered tyres, they look good when assembled



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What's in the box?

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TAKOM, HONG KONG SD.KFZ.250/1

www.bachmann.co.uk Available from good retailers everywhere

SCALE: 1:35 • MATERIALS: IM, PE, WS • ITEM NO.2184

The Sd.Kfz.250 "Sonderkraftfahrzeug 250" was a light armoured half-track, similar in appearance to the larger Hanomag-designed Sd.Kfz.251 and built by DEMAG (Deutsche Maschinenbau-Aktiengesellschaft) for use by German forces in World War II. Most variants were open-topped and had a single access door in the rear. The Sd.Kfz.250 was powered by a Maybach six-cylinder, water-cooled, 4.17-litre HL42TRKM petrol engine that produced a modest 100bhp. At least fourteen distinct versions were made with many more sub-variants and field-

modifications, making this machine a very attractive subject for model kit manufacturers and modellers alike. Tamiya's first kit of an Sd.Kfz.250 was the /3 variant in the form of Generalfeldmarschall Erwin Rommel's 'Greif' (Griffon), released in 1979 when your reviewer was a boy of just thirteen years old! In subsequent decades, Dragon created their own kits of this half-track and they are generally considered to be the best models of it so far. Recently, Takom entered the fray with their own all-new kit depicting the Sd.Kfz.250/1, the 'entry-level' machine so to speak and from our initial impressions it is very good indeed. It comes with a thorough representation of that 4.17 litre engine which, thanks to the open-moulded access hatch on the 'bonnet', can just be observed after the model is complete. A nicely rendered transmission fills the floor in the driver's compartment and non-slip cabin plates cover the suspension bay, which is replete with transverse torsion bars to which are moulded the swing-arms. It's not made clear in the instructions, but they may be moveable which, considering the inclusion of articulated tracks (if assembled very carefully), will make it possible to pose the model's running gear as if moving across uneven ground in a diorama setting. **TMMI**



Fantastic detail all round and the moulded cabin tarpaulins are some of the best we've seen



Quite a lot of small parts, so the kit will need a methodical approach when building it



TAKOM, HONG KONG

SD.KFZ.181 PZ.KPFW.VI AUSF.E TIGER I 'MICHAEL WITTMAN'S TIGER' NORMANDY 1944

www.bachmann.co.uk Available from good retailers everywhere

SCALE: 1:35 • MATERIALS: IM, PE, CW, WS • ITEM NO.2201

We reviewed this kit's predecessor here earlier in the year, so much of what we said then rings true for this release. It's a late-Production Tiger I with steel-wheels and it has its Zimmerit anti-magnetic mine coating moulded integrally with the appropriate areas, such as hull and turret sides, plus the glacis, bow and rear plates. For an 'organic' texture, ie, one not made by a machine, the Zimmerit is remarkably convincing and natural-looking, so we are off to a good start. There are some alternative parts

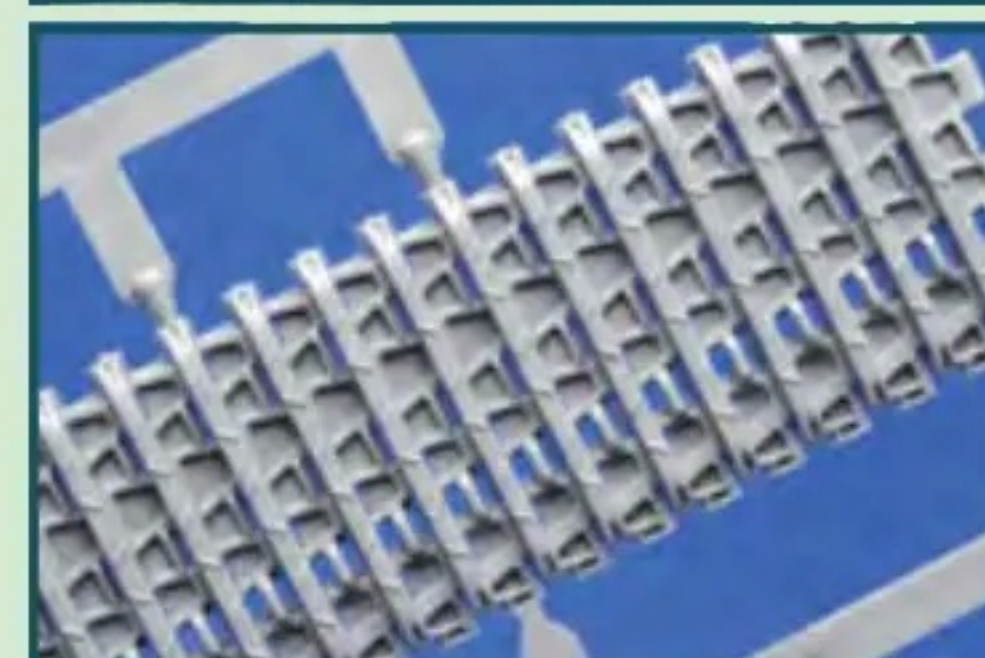
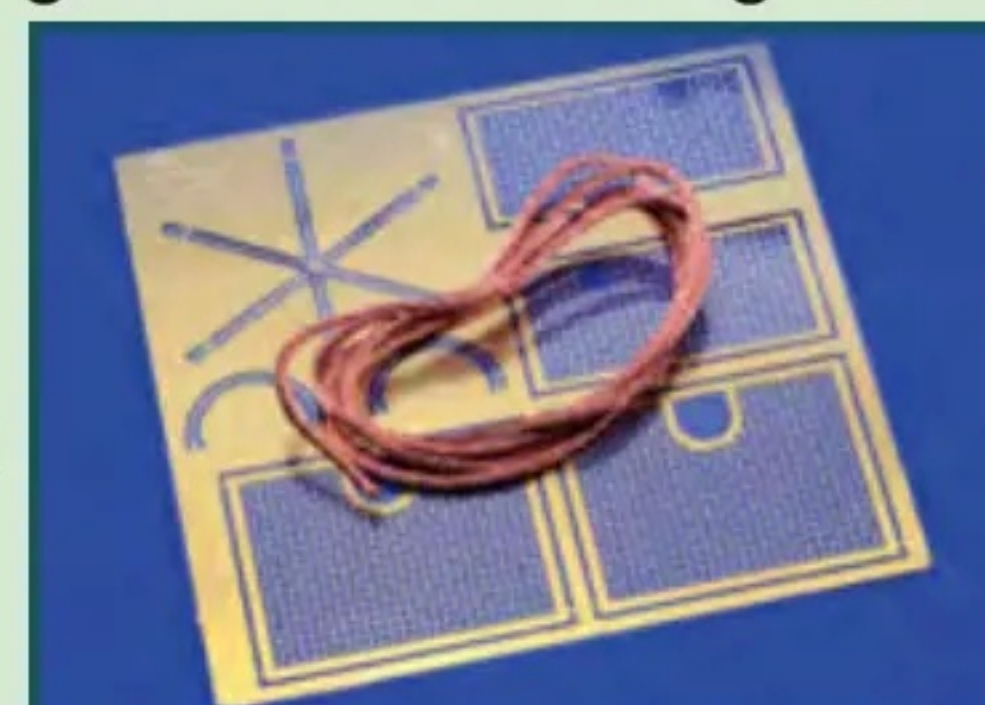
on the sprues left over from previous releases, so it's important to study the instructions to make sure you're using the correct components for the project at hand. The tracks are very impressive and come with individually-moulded guide-horns so the gap underneath each one can be formed correctly. This may sound like a quite a fiddly challenge, but the guide horns are moulded in short runs on 'sub-sprues' within the main plastic frame and thus can be fixed in groups to the inner track faces, greatly speeding up assembly and keeping them aligned perfectly. Superglue might be the best material to affix them for maximum strength and resistance to subsequent weathering materials and solvents. This release depicts the late-production command-tank variant of infamous panzer ace Michael Wittman in which he famously fought during the Battle of Normandy and in the box you'll find a extremely nice figurine of the man himself, his torso moulded in front and back halves, individual legs, arms, head and hat. The command tank's 'star antenna' with its six 'prongs' is provided in photo-etched brass with its tapering mast formed from plastic on sprue 'J'. It looks good, and with a little gentle thinning it'll be even better. An aluminium main gun barrel is included as standard, which is a very nice touch: the muzzle-brakes (two types are offered) are three-part affairs and very well detailed. **TMMI**



Another fantastic Tiger I from Takom and it will give hours, days and weeks of enjoyment



No-workable tracks, but it's not a deal-breaker



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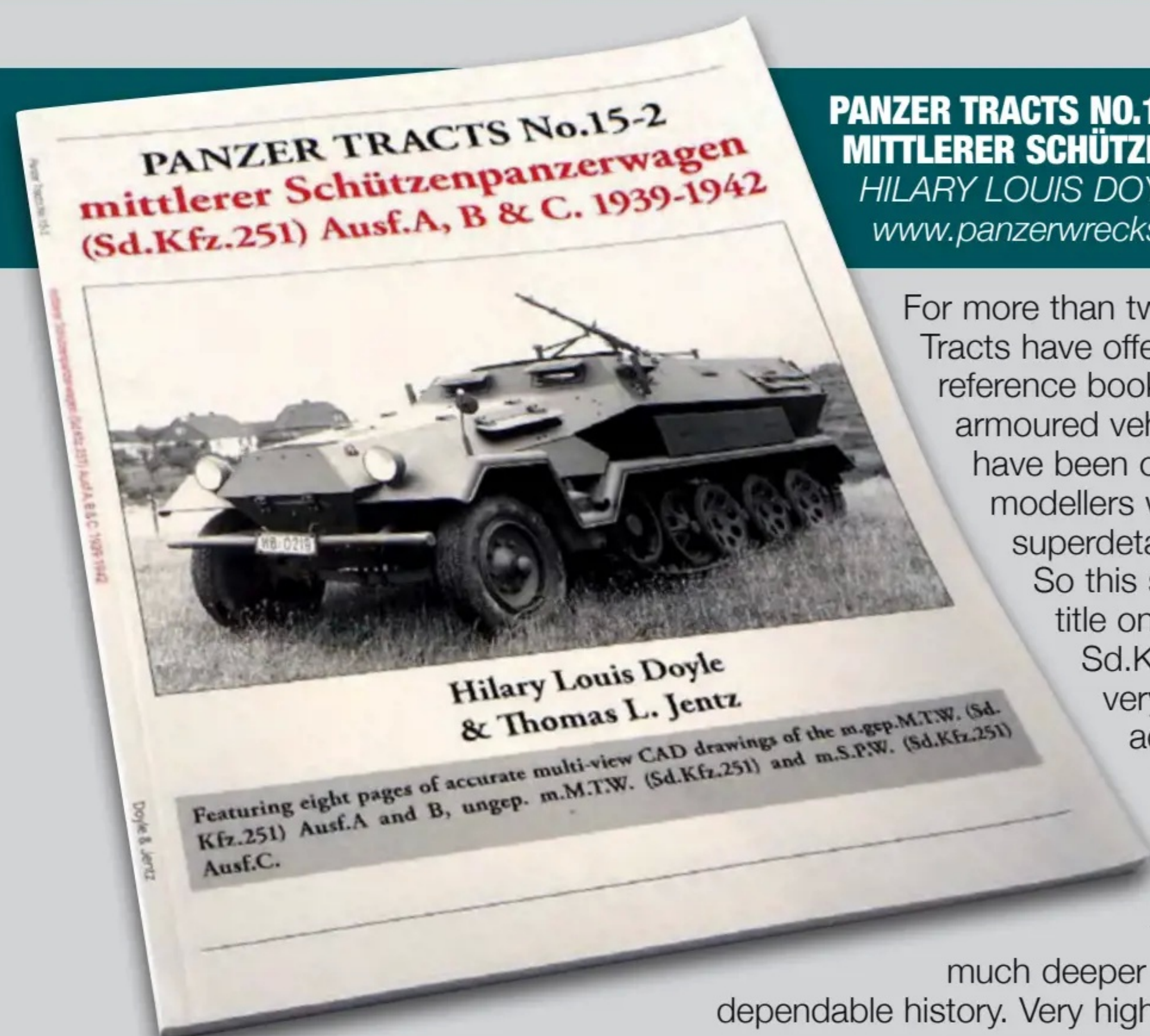
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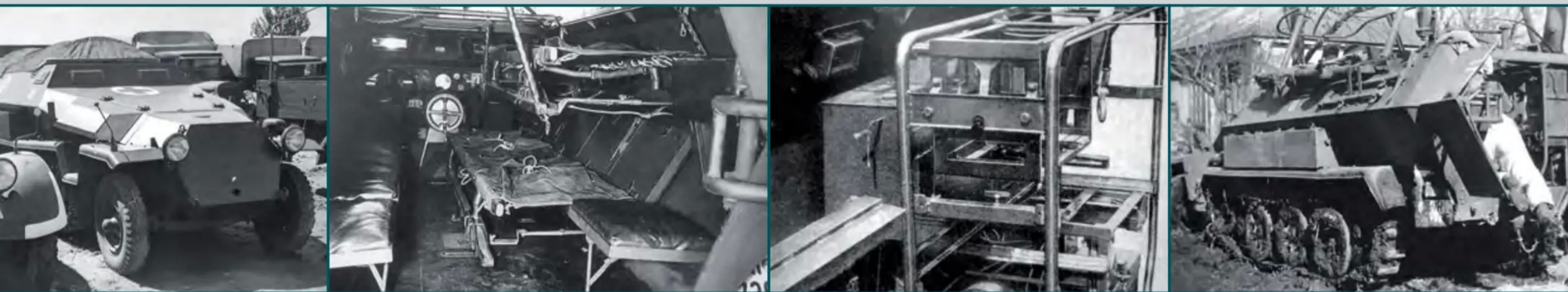
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PANZER TRACTS No.15.2 MITTLERER SCHÜTZENPANZERWAGEN (SD.KFZ.251) AUSF.A, B & C/ 1939-1942 HILARY LOUIS DOYLE & THOMAS L JENTZ www.panzerwrecks.com

For more than two decades, Panzer Tracts have offered their authoritative reference books on Third Reich armoured vehicles and they have been of invaluable use for modellers wishing to accurize and superdetail their scale projects. So this second edition of their title on the WW2 German Sd.Kfz.251 (early type) is very welcome indeed, adding two more chapters, twenty-eight more pages and no less than forty-five new photographs to the original publication. This halftrack is a much-modelled subject and there are some good kits of the early version available, most notably from ICM. Using this book as a guide, one get much deeper into the subject, aided by superb wartime photographs, scale drawings and a dependable history. Very highly recommended. **TMMI**



AERONAUTICA MACCHI FIGHTERS C.200 SAETTA, C.202 FOLGORE, C.205 VELTRO LUIGINO CALIARO, CLASSIC/CRÉCY PUBLISHING LTD www.crecy.co.uk

Numerous kits in all the main scales of Macchi's charismatic fighter aircraft have been produced over the years, most notably the recent 1:32 MC.202 Folgore from Italeri plus their forthcoming C.200 Saetta in the same, large scale. Superdetailing is king when it comes to large-scale aircraft modelling and so this stunning new book from Crécý's 'Classic' imprint will prove to be utterly invaluable to anyone contemplating a build. Within its 288+ page hard covers, the reader is treated to what surely must be the definitive publication on the subject, with hundreds of superb wartime photographs in both black and white and original colour, along with colour profile illustrations, drawings, maps, wartime posters and a lengthy and detailed history of this triptych of single-seat combat aircraft.

The sheer amount of effort that goes into putting together such a volume must be immense, and this is an exceptional example, worth every penny of its approximately £40 asking-price. **TMMI**



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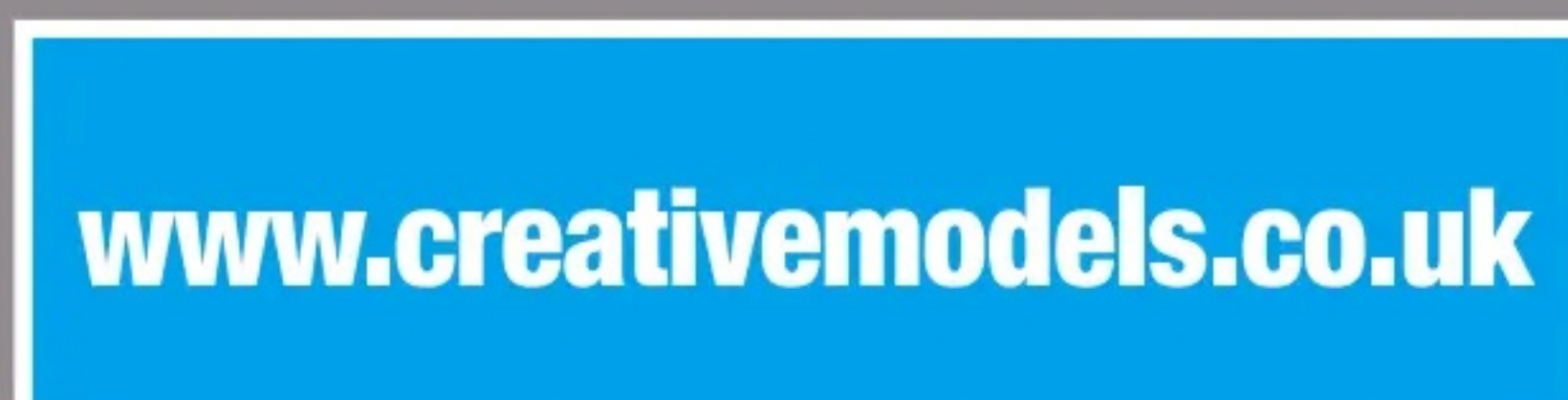
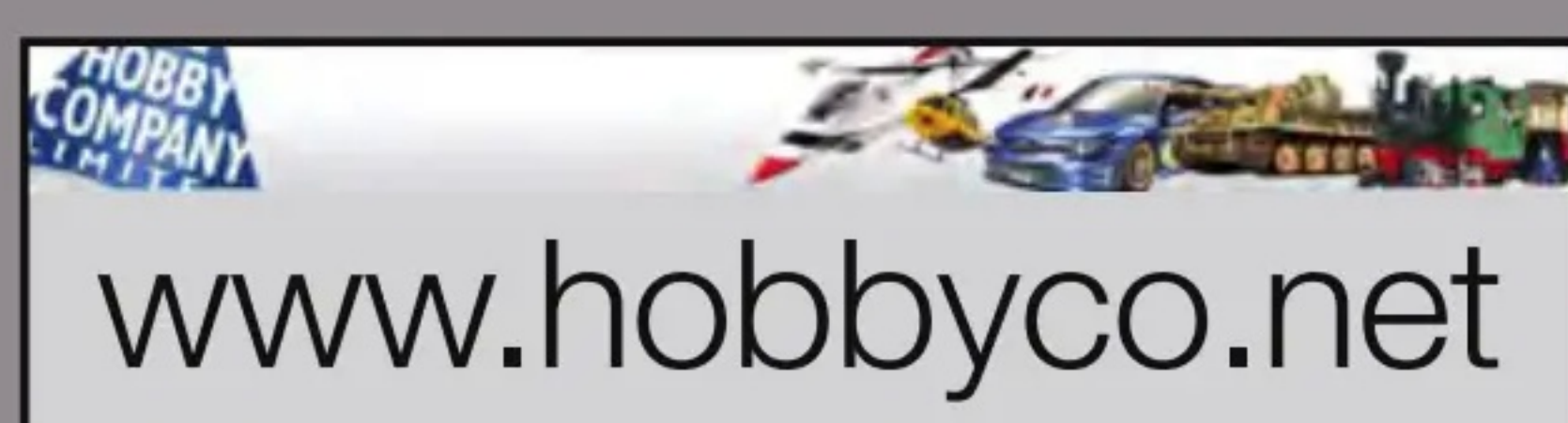


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NEXT ISSUE

The next issue of TMMI is September 2024 (No.347), on sale 15th August

WILD AT HEART

We promised it a while ago but the project was delayed. But now, here's Tamiya's revitalised 1:48 FM-1 Wildcat/Martlet Mk.V!



RHINO'S ANGEL

It's not as a sinister as it might look: this is an evocative diorama of an African park ranger protecting a rhino and her calf, in 1:35 of course



COMPACT COHORT

'Master of miniatures' Alex Clark returns to TMMI with his exquisite build of Vespida's 1:72 Aussie Centurion Mk.5/1



...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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WHICH 'TYPE' TO GO FOR?

As you will have read in his article this issue, Spencer and I had an interesting discussion about how to paint Tamiya's 'Type 16 MCV C5 with Winch', the subject of his contribution this month. We didn't want to replicate the standard green and brown JGSDF camouflage scheme as it would look too similar to the model I built back in 2018 when the base kit

was initially launched, so we settled on some striking 'urban camo' to give the model a distinctive, eye-catching and somewhat post-apocalyptic look. And we both hope you like it! If you missed my original build article (TMMI Issue 273, July 2018), pictures of which you can see here, we still have back-issues available on our website below. ●

www.doolittlemedia.com



EDITOR'S CHOICE

Fuzzy beach fibre-balls!

Bit of an odd one this time. I took a brief holiday in southern Italy last month, midway through the production period of this issue (don't tell the boss) and while getting sunburnt on the beach, I observed the little discs of compacted fibre you see here. TMMI friend and contributor Lester Plaskitt introduced me to these things years ago, handy as a source of extremely realistic dried grass for vehicle models and dioramas. I had no real idea where they come from, so it was a real surprise to see them in their natural setting on the 'spiaggia Pugliese'. Of course, I picked them up and stuffed them into my luggage - thankfully they made it through airport customs - and they now take their place in my diorama materials drawer. I'm not sure if they are available commercially, but if you're on holiday in Italy (and other warm locations of course) and are near a beach, have a look for them nestling in the sand!





TAMIYA'S LEOPARD 2A7V: A MAIN BATTLE TANK IN MINIATURE

Marcus Nicholls has built Tamiya's all-new 1:35 kit of the Leopard 2A7V main battle tank

The big news from Tamiya at this year's Nuremberg Toy Fair was the announcement of an all-new 1:35 kit of the Leopard 2A7V main battle tank in the Military Miniatures Series. It's important to note that this is a 100% new tooling which uses no parts at all from the 2003-issued Leopard 2A6 (35242). All the changes one would expect to see on a 2A7V are depicted in sharp detail and the new kit comes with photo-etched parts for the turret stowage bins and other items.

The tracks are new too, taking the form of upper and lower runs moulded in two halves, with articulated individual links for the drive sprockets and idlers. A pair of crew figures are provided and they can be

fitted with helmets or berets according to the modeller's preference. An aluminium main gun barrel is available for this kit (for separate purchase) and as nice as it is, the kit-supplied item is superbly detailed, one-piece moulding that is more than adequate for the job. In the new model's box, Tamiya provides a sheet of photo-etched steel parts, the perfect material to replicate the real stowage bins. The model includes a pair of two-part formers or 'presses', to squeeze the metal parts into the correct shape, a really good idea.

The Leopard was painted in the standard NATO three-colour camouflage scheme using Tamiya's LP-60 NATO Black, XF-67 NATO Green and XF-68 NATO Brown colours.

To bring life and scale to the huge, slab-sided Leopard, the installation of the turret crewmen provided with the kit is crucial to the Leopard's final appearance. They are very nicely sculpted with excellent detail.

Tamiya has done a wonderful job with this kit, which I'll say yet again, is 100% new for 2024. It goes together like a dream, is detailed to perfection, but still leaves a few nice things to do for the super-detailers out there. It's an impressive model and it will build into a stunning replica of this beast, arguably the best main battle tank currently in service. ●

Kit features:

- 100% new kit for 2024
- Photo-etched parts for the turret stowage bins
- New track design with articulated individual links
- Two crew figures included with helmets or berets
- Main gun barrel is a one-piece moulding
- All surface detail is new and improved
- Main gun barrel in aluminium (for separate purchase)

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



Dax

Honda Dax125 TAMIYA LIMITED EDITION



Honda's Dax traces its history back to its debut in 1969, and in March 2022 the Dax125 was released, inheriting elements of the Dax identity such as the T-bone frame and long bench seat. Its 123cc air-cooled single cylinder engine is paired with a 4-speed transmission that can be shifted without rider clutch input, and it's at home both on city streets and the open road. The Tamiya Limited Edition version of the bike was released exclusively in Thailand. Now, Tamiya welcomes this bike featuring a sumptuous metallic blue frame adorned with a multitude of limited edition parts into our 1/12 Motorcycle Series. Do not miss this chance to add this kit to your collection and get a close-up look at what makes the Dax125 tick.

**1/12
SCALE**

A Very Special Dax

1/12 Motorcycle Series **Honda Dax125 Tamiya Limited Edition** (Item 14142)



★The compact, unique form is recreated in style.
★Ergonomic parts breakdown allows easier assembly and painting. ★Features a detailed depiction of the air-cooled four-stroke single cylinder engine. ★Metal-plated parts for muffler guard and side covers. ★Dedicated metal spring for the rear damper. ★The helmet is also recreated.

Length: 147mm, width: 67mm, height: 103mm.

Dedicated parts for the Tamiya Limited Edition

Tamiya logos and dedicated emblems are realistically depicted.

① Dedicated logos ② Emblem ③ Horn cover
④ Muffler guard ⑤ Side cover ⑥ Wheel rim stripes

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



《Dax125 Standard Version》

Choose whether to make a standard or Tamiya Limited Edition model.

Related kits from the 1/12 Motorcycle Series

Compare Honda leisure bikes by assembling our kits and add the Street Rider figure for an authentic display!

Honda Monkey 125
(Item 14134)



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(Item 14137)



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