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'WAR THUNDER'

1:35 TAMIYA TIGER I

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ISSUE!**

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**1:24 TAMIYA SUBARU IMPREZA WRC 2002 - AMK'S 1:48 F-14D - JABBA'S JESTER
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Welcome to Phoenix Scale Publications!

So, let's start by telling you a little about us and the rather unique set up of our new company. We are a partnership

of four people whose combined experience equals over 100 years working in both the aviation and modelling press. After many years working for others, we have come together as equal partners in this new venture with each partner bringing their own unique talents.

The core principles of our new company are 'Value', 'Honesty' and 'Service' and here are a few examples of the way we are going to apply this approach.

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We launched two new concept modelling titles '**Phoenix Aviation Modelling**' and '**Phoenix Scale Modelling**' at IPMS Scale ModelWorld Telford in November 2021, and although footfall was a lot lower than previous



years, we had a fantastic time at the show and feedback on both titles was so good that our original three-year year plan went straight out the window, and a new one was drafted! So, in order to meet this new plan, we have had a very slight enforced hiatus while we signed contracts to distribute our titles in the UK via **WH Smith, Martin McColl** and many other independent newsagents, a full year earlier than we had originally planned!

Also, by the time you read this, the first book in our new range of 140 page 'Real to Replica - Red Series' on the 'The F-16 Fighting Falcon - Part 1 United States Service', will be available to purchase from our website and selected specialist bookshops. This will be followed in the late spring by Part 2 'The F-16 in International Service'. We will also be releasing the first of our 100 page 'Real to Replica - Blue Series' titles on the SAAB Gripen in the early spring, and our 'Airmark Modelling Guide' series continues to flourish with the imminent release of the 'Lockheed S-3 Viking', followed by the 'Dassault Super Etendard' with other titles being worked on as we speak!

We also sell our magazines via Pocketmags for a digital version, which can have up to 30 pages of additional content, and of course, subscriptions to suit all pockets are also available from our web site www.phoenixscalepublications.co.uk for printed versions of both magazines. And, whilst you are there you can also visit our YouTube channel where you will find video reviews of the latest kit and accessory arrivals at Phoenix HQ. In due course we will also be including video show reports and museum visits from around the world. So, until next time we hope you enjoy your magazine, and we hope you will purchase the first issue, which will be the February Issue on sale on the 27th January 2022.

Team Phoenix

What's in this issue?

07 AUTOMOTIVE

08 'Under Maintenance' - Rene Van Der Hart builds the 1:25 Revell model of Ward Burton's Caterpillar Grand Prix NASCAR

14 Scooby-Do How Fast Are You! - Mark Thomson builds the 1:24 Tamiya Subaru Impreza WRC 2002

18 Automotive News

21 MILITARY

22 'War Thunder' Tiger - Dawid Branski builds the 1:35 Tamiya Tiger I as seen in the video game of the same name

26 A Russian Typhoon - Lee Powell builds the 1:35 Zvezda MRAP

30 'War Never Ends Quietly' - Robin Gilby builds a diorama based on the movie 'Fury' using the 1:35 Italeri M4A3E8 and a host of extras

34 Military News

36 Bushmaster PMV - Scott Taylor of The Scale Modellers Supply (SMS) details the 1:72 Dragon Bushmaster

39 AIRCRAFT

40 Hammer of the Gods - Fabian Flemming adds a ModelMaker decals set to a 1:48 Tamiya F-16 to create 'Zeus' to 2014/15 Greek solo display aircraft

44 Grumman's Super Cat - James Ashton gets to grips with the 1/48 AMK F-14D

50 Aviation News

53 FIGURES

54 Jabba's Jester - Jez Coleman looks at 3D printing and a character from Star Wars - Return of the Jedi

58 Aquaman - Lee Powell paints the Malix3Design Sanix 3D Printed Figure

60 X MAS, Battalion Fulmine 1944 - Peter Merts details the 1:16 Historical Miniatures Bust

62 'This Is The Way' - Simona Bordonaro details the 1:16 Gamboy-3D Printing Mandalorian and Grogu figure set

65 Figure News

67 SCI-FI

68 May the Force Be with You! - Lee Powell takes a look at a trio of Revell/Bandai Star Wars kits

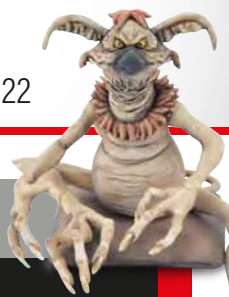
72 Razor Crest - Jez Coleman builds the 1:72 Revell kit from the Mandalorian TV series

78 Sci-Fi News

79 MARITIME

80 Shipping Lane - Models from the competition tables at Scale Modelworld 2021, Telford.

82 Coming Soon!



54

44

72

40

60

62

22

08





Main cover image – Rene Van Der Hart
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AUTOMOTIVE

08 NASCAR
Under Maintenance



14 Scooby-Do
Subaru Impreza WRC 2002



18 News, Accessories,
Decals and Books

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NASCAR Under Maintenance

*RENE VAN DER HART
BUILDS THE 1:25 REVELL
MODEL OF WARD
BURTON'S CATERPILLAR
GRAND PRIX NASCAR*



REVELL

For many years, I have admired the look of the American NASCAR racers, especially those from the seventies to the nineties. The later models didn't look much like the original street-car anymore, and so were less interesting. I started buying several kits at model shows and from eBay but didn't build any of them for quite some time. Finally, I started with my first kit, which was more a test to learn new skills I never had to use when building aircraft kits.

The yellow and black livery of the Caterpillar Pontiac really appealed to me, so I choose this kit to be my first serious try to build a proper race car. I didn't want to build it straight-from-the-box but show as much of the internals as possible. The engine looked quite nice, but some parts were moulded to the engine and over scaled. The rubber belts were all cut from the pulleys and these in turn were cleaned, and holes were drilled in them, according to my reference photographs. The pulleys were later glued onto the engine and the 'belts' were made from thin strips of masking tape. The headers were all trimmed and cleaned

Ward Burton Caterpillar

Grand Prix #22

Manufacturer: Revell

Scale: 1:25

Kit Type: Plastic injection moulded

Kit Number: 2992

next and dry fitted to the engine. When the main parts were complete, small holes were drilled into the engine and distributor for the sparkplug cables. Larger holes were then drilled to fit the cooling hoses added later in the build.

All engine parts were then primed grey and several Alclad metal shades were used for the different parts. The headers were also painted with Tamiya clear paints to simulate heat discoloration. A clear





coat was then applied next, followed by a grey wash. I had already collected a lot of small detail parts before starting this build such as coloured sparkplug cables, a white metal carburettor, resin hose fittings, brake callipers and braided lines. Also, many photographs were gathered from the Internet for reference purposes. The chassis and roll cage went together quite well but a lot of cleaning was necessary to remove all the mould lines from the cage. The front suspension was then cleaned up and glued to the chassis after several parts had been cut off. Since I wanted to show the inside, I also had to pose the hood in the opened position, and as such plastic strips were glued on the inside of the hood to simulate metal bars. As this model was meant to be posed with the wheels attached many details are simplified.

The ventilated disk brakes were made from two plastic disks cut from plastic sheet

The engine block primed....

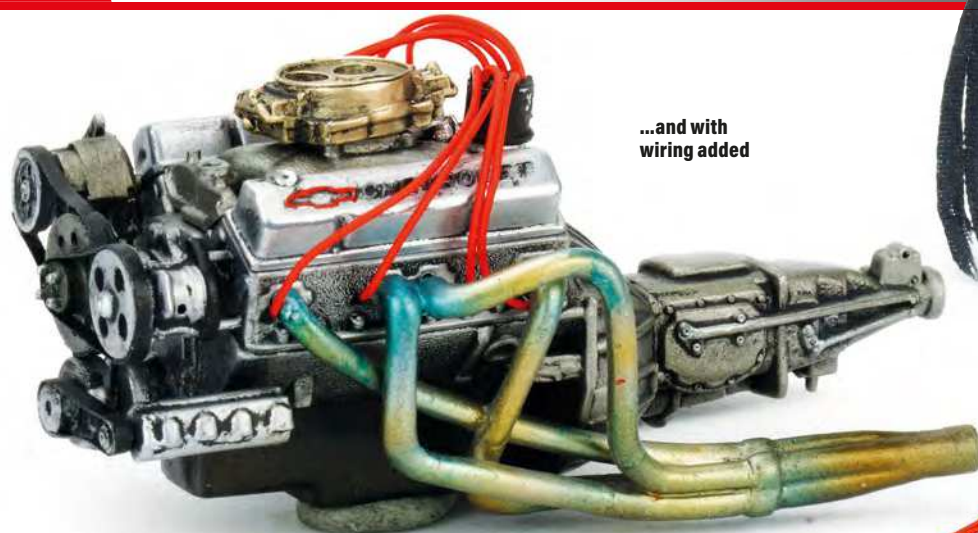


...then painted....



No brakes and wheel hubs were present, and the springs and shock absorbers were over scaled and crude. So, I started to remove the parts I wanted to replace or modify. I started with the easy jobs by replacing all round bars and axles with brass or plastic rod. The springs were made from copper wire, wound around a piece of plastic tube. This is not the best material to use, and I will make them from brass rod next time. Next, I made new shock absorbers from plastic and brass rod. These were then attached with small 'L' shaped brackets to the roll cage.

The ventilated disk brakes were made from two plastic disks, cut from plastic sheet, with small plastic strips sandwiched between them.



...and with wiring added



The seat belts came from some aftermarket fabric with etched metal buckles



The engine bay components ready to fit

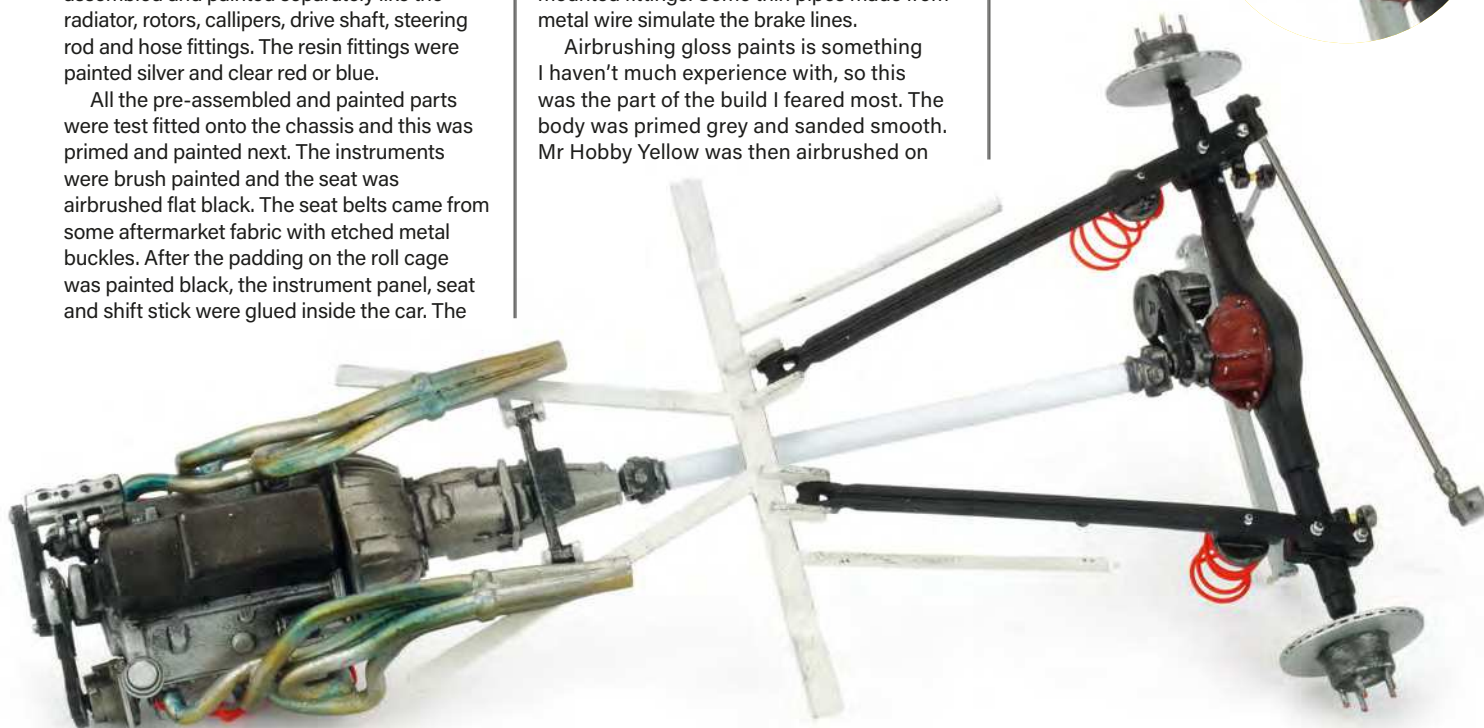
The hubs were made from paint bottle caps into which brass rods were drilled and glued to simulate the wheel studs. Several parts were assembled and painted separately like the radiator, rotors, callipers, drive shaft, steering rod and hose fittings. The resin fittings were painted silver and clear red or blue.

All the pre-assembled and painted parts were test fitted onto the chassis and this was primed and painted next. The instruments were brush painted and the seat was airbrushed flat black. The seat belts came from some aftermarket fabric with etched metal buckles. After the padding on the roll cage was painted black, the instrument panel, seat and shift stick were glued inside the car. The

engine, radiator and smaller parts were then glued into the engine bay, and several braided lines were also glued into the previously mounted fittings. Some thin pipes made from metal wire simulate the brake lines.

Airbrushing gloss paints is something I haven't much experience with, so this was the part of the build I feared most. The body was primed grey and sanded smooth. Mr Hobby Yellow was then airbrushed on

Building the drive train



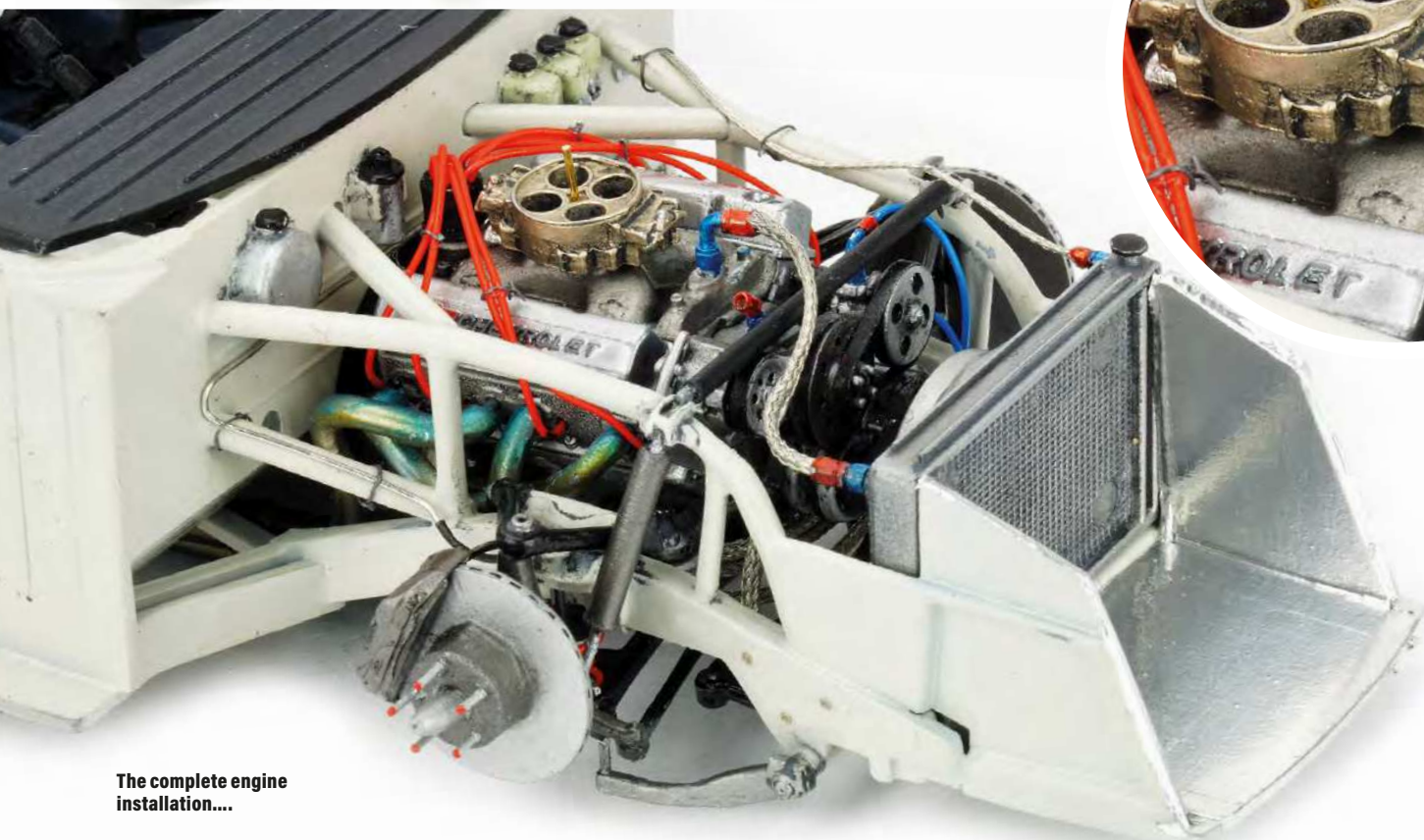
The engine now in-situ



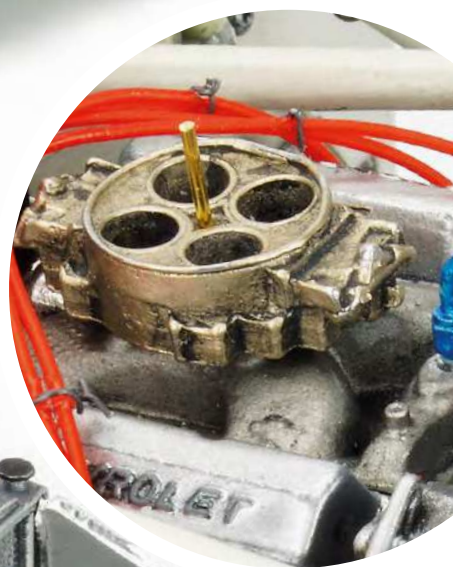
The driver's position and roll cage



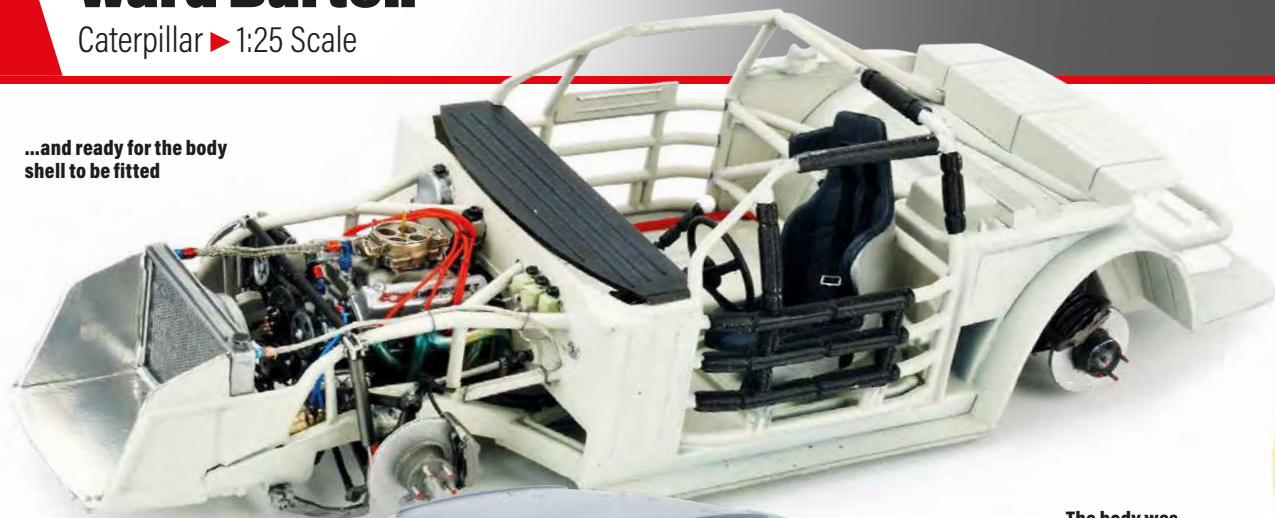
The roll cage being fitted



The complete engine installation....



...and ready for the body shell to be fitted



The body was primed grey and sanded smooth...

...and painted with Mr Hobby Yellow and Black



The decals being added





The engine now enclosed in the body shell



in multiple thin coats and left to dry for a couple of days. Then this was masked off to paint the black areas. The black paint had bled a little under the masking tape, but this would disappear under a decal later - lucky for me! Now the fun part began applying all the decals. As this was a 20-year-old kit, I feared the decals would fall apart into small pieces. Fortunately, they went on very well, but I had to use decal setting solution to make them sink into crevices and follow the curves of the body. A few coats

of Johnsons 'Future' was then airbrushed onto the body after the decals were all in place. The front and rear windows were then masked and painted black from the inside and, along with the other clear parts, glued onto the car. With all the work done on the brakes and suspension, I didn't want to mount the wheels of course. So, I made four jack stands from plastic rod and strips. These were glued under the car after they were painted and weathered. The final thing to do was to place the body over the chassis to finish off this build. There is much room for improvement but, for my first serious go at a NASCAR kit, I'm quite happy with the look of this racer. **modeling**





Build Your Dream!

LEVEL 5



03837 Stearman PT-17 Kaydet, 1:32

LEVEL 5



NEW TOOL

04967 Lockheed SR-71A Blackbird, 1:48

LEVEL 5



03846 Gloster Gladiator Mk. II, 1:32

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LEVEL 3



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How Fast are you... Scooby-Doo

MARK THOMSON BUILDS THE 1:24 TAMIYA SUBARU IMPREZA WRC 2002

TAMIYA

The Subaru Impreza WRC 2002 was introduced at World Rally Championship event in Corsica and looked

largely the same as the previous year's car. However, its development continued throughout the season, and improvements were made to the driveshaft, transmission housing, and steering column, as well as to the turbo-charger and manifold, which was changed from a 4-2-1 configuration to a 4-1 configuration. Savings were also found in some modified brackets, the wiring, and glass and this reduced the weight by some 15kg. Poised to make Subaru competitive,

four-time World Champion driver Tommi Makinen joined the team, driving for the 2002 season. The 37-year-old Finn brought a wealth of knowledge to the team and his standing as the most successful rally driver of the last decade was much appreciated, and as such he took first place in the 2002 Monte Carlo rally. That result gave him an unprecedented record of four consecutive Monte Carlo wins making him the most

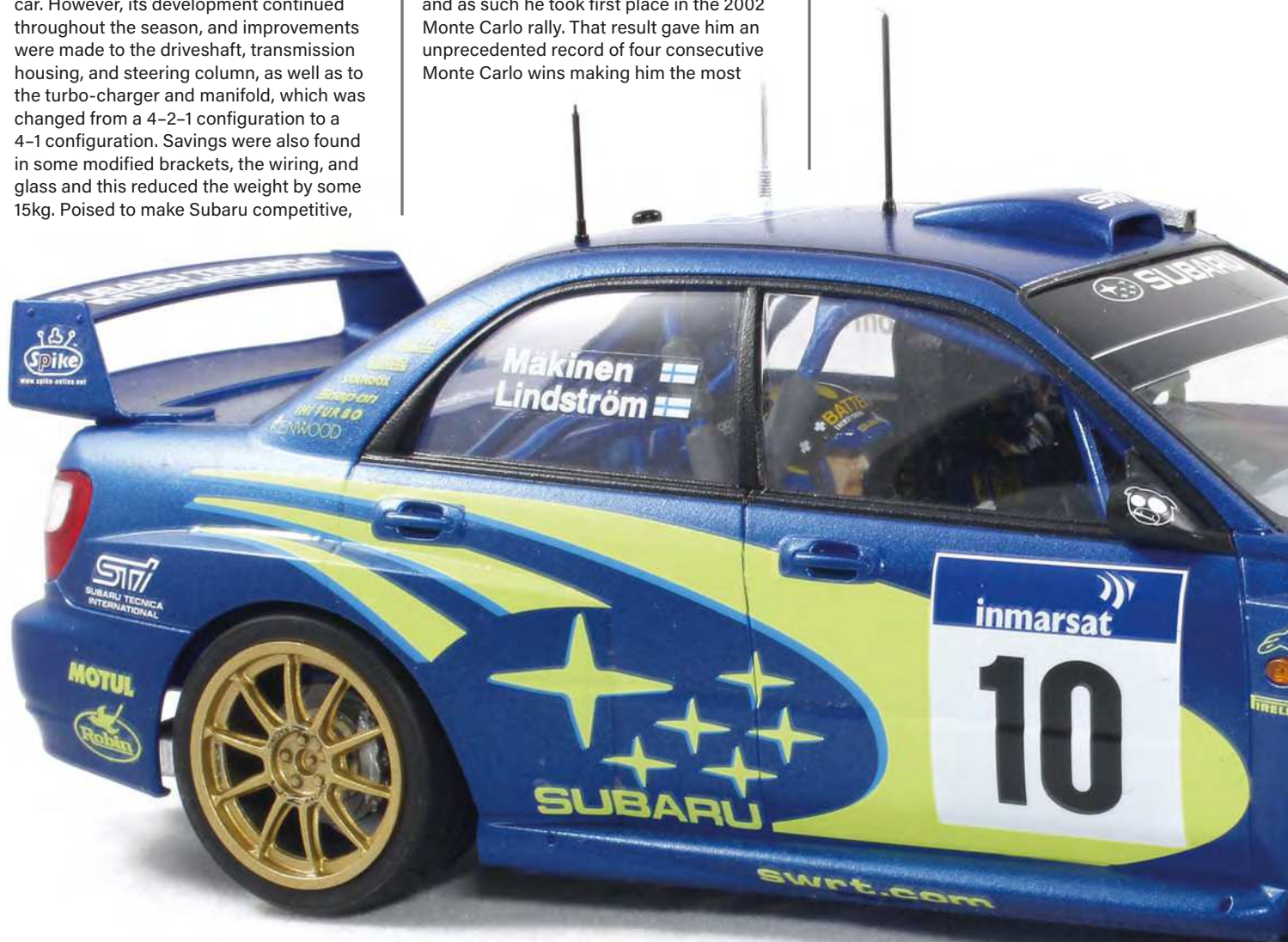
Subaru Impreza WRC 2002

Manufacturer: Tamiya

Scale: 1:24

Kit Type: Plastic injection moulded

Kit Number: 259





The surface detail is beautifully moulded with scale appropriate detail, and you also get a detailed interior and engine

successful driver in the WRC! The 2002 Monte Carlo event was quite controversial, as Sebastian Loeb, driving the Citroen Xsara, actually finished the rally faster than Makinen. Unfortunately, a two-minute penalty was incurred after leg one for a tyre change in an illegal area, leaving Loeb trailing Makinen. Citroen appealed the penalty immediately, but a week after the event, Citroen dropped case and let Subaru take the victory.

I've built a couple of car kits when I was younger but never a Subaru, I've also never done a rally car. So, what better place to cut my teeth on rally cars than with a Subaru Impreza! This particular kit has had been languishing in my collection for some time and I'd bought this Impreza to build for a close friend as he liked the bug eye version as it's the type of car he has. The kit has driver/co-driver figures, and you get a choice of car '10' - Makinen, or car '11' - Solberg. The helmet decals between both cars have some very nice designs. But my friend wanted car '10'.



THE SPRUES

The kit is everything you'd expect from a Tamiya. All the sprues were neatly bagged, and extra care had obviously been taken when packaging the body shell and the clear parts. A single decal sheet contained the markings for both cars, and also in the box was the standard Tamiya instruction manual. The kit has loads of details, with some clean moulding and no flash. Tamiya also supplied window masks to aid when painting along with a few sticky backed parts for the mirrors. The gold wheels are a good finish and could easily be used without painting beyond the centres and wheel nuts. The body also fitted on and off the chassis with ease. The surface detail is beautifully moulded with scale appropriate detail, and you also get a detailed interior and engine, and the parts layout suggested this would be a straightforward build, and an ideal introduction to a beginner to the hobby.



PREPARATION

So, I began by cleaning all the parts in soapy water as I do with all my builds. The next step was to clean up the body shell in preparation for painting, as I knew this was the part of the build that required a few paint layers to be built up with some light sanding in-between to ensure a smooth finish at the end. The body shell and chassis were therefore primed using Mr Surfacer 1500, then wet sanded down with fine sandpaper before being painted with three layers of Tamiya TS-50 Mica Blue. This was decanted into my airbrush to ensure I had more control during the paint process. I then applied a coat of Alclad 2 Aqua Gloss protect the paintwork and prepare the surface for the decals. This is a process you don't want to rush, and I always leave the varnish coat a minimum of 24 hours to fully cure, as a lot of handling is required during this stage and you don't want to ruin the paintwork with a finger print!

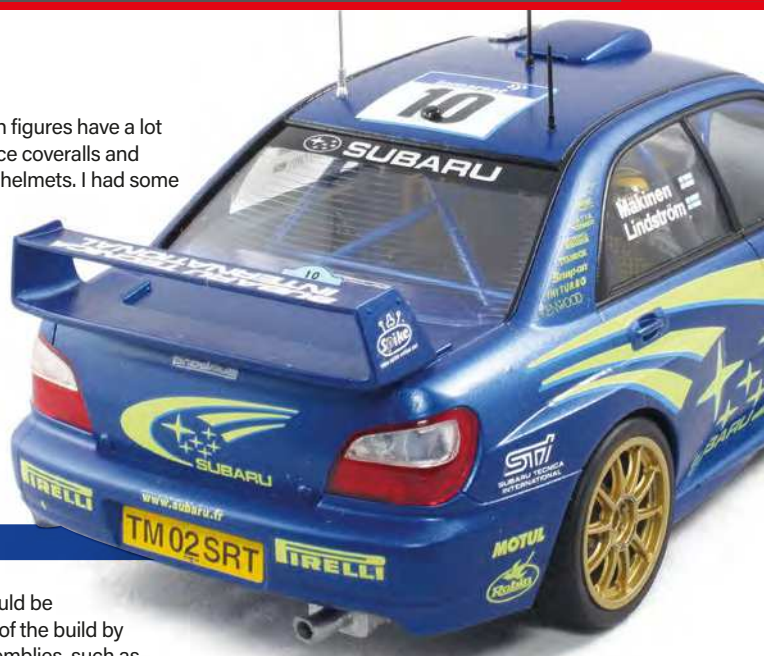
THE HELMETS

While the body shell was drying, I moved on to the painting and detailing of the driver and co-driver's helmets. These were detailed with Tamiya X-8 Lemon Yellow, and I used a mix of Vallejo skin tones to paint the faces and Tamiya XF-8 Flat Blue for their racing coveralls. Their boots were painted with Tamiya XF-1 and the seatbelt buckles were painted with Tamiya XF-11. The figures were then lightly dry brushed with XF-19 to

highlight all the details. Both figures have a lot of decal callouts for their race coveralls and some complex ones for the helmets. I had some issues getting the helmet decals to go on properly, but that was quickly sorted with the use of Micro Set and Sol and some perseverance. I decided to use Vallejo Satin to then tone down the sheen on the coveralls, and this worked well.

SUB-ASSEMBLIES

After going through the instructions, I thought it would be better to approach the rest of the build by breaking it up into sub-assemblies, such as the engine, the front suspension, transmission, steering and interior. First thing I tackled was to pick out all the semi-gloss black parts. These were removed from their sprues, cleaned up using a hobby knife and sanding sticks and painted with X-18 Semi-Gloss Black, before sealing then with some Vallejo Satin. Then the remaining parts were removed from their sprues, cleaned up and painted as per the instructions. I was impressed with the level of detail on the underside of the engine and transmission housing, but I was disappointed later as it would all be covered up with the protection plates and wheels. Unfortunately, one of my wheels had some damage to the gold finish, so I had to repaint them all with Tamiya X-12 Gold Leaf to ensure the colour matched, before adding the decals



to the wheels and tyres. These were then sealed with a coat of Alclad Aqua Gloss.

The interior decals all went down easily except for the carbon fibre ones on the back of the bucket Recaro seats. These needed a little persuasion to get them to conform to the curves. Once all the parts were ready, I then started to build up the interior, which all fitted in seamlessly. I then attached all the smaller parts that were liable to break off during painting such as the engine, the lights, the antennas and such.

DECALS

With this being a rally car, it's absolutely covered with sponsors decals, which took a bit of time to apply and get them to conform to all the curves. Once all the decals were on, it was time to seal them in with another coat of Aqua Gloss, and once dry I buffed up the bodywork with a lint free cloth. Then I inserted the bug-eye headlights and rear light clusters into the body shell and have to say these fitted very well for such complex shapes. The radiator and the front mesh were also added, before matting the body shell to the chassis. The protective covers were then added to the underside along with the front splitter.

This was truly a great car kit to build, and there was no flash at all on my kit and not more than a couple of inoffensive ejector pin marks. The sprue gates were small and conveniently positioned to enable clean up. I especially liked the added detail that the driver and co-driver brought, which enhanced the overall look, and if you were into dioramas this would enable you to recreate a nice scene. The fit and final representation of the model does capture the look of a truly great sports car, and I can highly recommend this kit. [more info](#)



SIDE VIEW



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4644 – 1:9 Suzuki RG 500 XR27

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HASEGAWA

20539 – 1:24
ALEXEL Mazda
767B from the
1992 All Japan
Sports Prototype

21738 – 1:12
Yamaha YZR500
(OWAB) 1989 All
Japan Road Race
Championship GP500 Champion

20529 – 1:24 Nissan Fairlady Z 1973 TACS Clover
Rally Winner

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NEWS VIEW

Lancia Delta HF Integrale 16V

► Manufacturer: Italeri
► Scale: 1:12
► Kit Number: 4709
► MRP: £220

By David Francis

In the late 1980s Lancia was the king of the World Rally Championships with near total domination winning 5 World Championships in a row despite strong opposition from the Japanese manufacturers. This success on the track led to a massive increase in sales of Lancia cars. The Delta HF Integrale was introduced in 1987 and remained competitive for 4 years though evolution continued with a change of engines as the 8V 182bhp version that Italeri have kitted with its 16V, 197bhp and specifically the two cars racing for Lancia Martini at the 1990 Monte Carlo which placed in 1st (Car 7 A Didier & O Bernard) and 3rd position (Car 1 B Miki & S Tiziano). Sadly, the Delta's dominance came to an end in 1993 when Lancia withdrew from rallying and in the modern age Lancia is now a shadow of its former self with only a small presence outside of Italy.

On opening the box, the first thing that struck me was the sheer size of the kit parts, quickly followed by amazed gasps as I realised the level of detail that Italeri have achieved with this new tool kit. Even better, despite the large number of parts, there is nothing here that would scare of a modeller with a few 1:24 kits under their belt, with not an ejector pin or sink mark anywhere to be seen. The plastic parts are supplied on nine sprues in four different colours as well as a chrome and clear sprue. This is also a kit that should not need the purchase of aftermarket parts as everything you need is in the box, from a selection of different sizes of vinyl and copper tubing and wires to add cooling, hydraulic and electric lines, while a high-quality etched sheet supplies a large number of detailing parts for the interior floor as well as belt buckles, which are used in conjunction with the

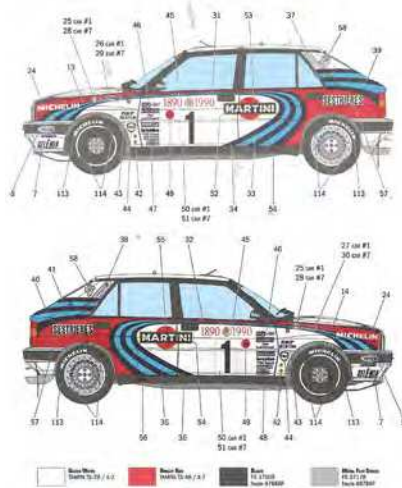


supplied red satin strip to produce the seatbelts. The decals take up two A4 decal sheets and are a joy to view. This really is state of the art printing. You also get two styles coloured

Kevlar, most of these are shaped to fit specific areas. These will have to be applied over several nights with plenty of setting solution to make sure everything settles down and I dry before moving on to the next section. Although I would personally paint the part you are applying the decal onto in a similar colour so if there are any mistakes in the application the white plastic does not show through any gap in the decals. The painting and application guide give you full instructions for the body, which will be mainly white with large red areas along the flank, and paint matches for these are supplied using the Tamiya range of spray or bottled paints. A nice touch is that a set of scale paper plans are also supplied to use as a template, and this will help apply the red areas over the base gloss white finish.

The instructions are very clear even down to the exact sizes you need to cut the wires and pipes to during assembly. I would suggest, however, trying to find some good reference photographs of the engine bay so you can see what the completed engine and associated wiring and hoses looks like in real life. Also, if you look at images of these cars while they were rallying in Monte Carlo, they became dusty but not the heavy mud and mess that you see on cars in the UK!

Our thanks to The Hobby Company for giving us the chance to receive one of the first kits in the UK and to enable this 'New View' to feature in our first issue. This kit is something really jaw dropping and will grace the cover of a future issue of Phoenix Scale Modelling.



Zvezda Kits are distributed in the UK by The Hobby Company Limited, Knowhill, Milton Keynes, MK5 8PG. See the full Zvezda range at www.hobbyco.net. Zvezda models are available from good model shops.

INNOVATIONS IN MODEL KITS



Lancia Delta HF

integrale 16v

1:12
scale



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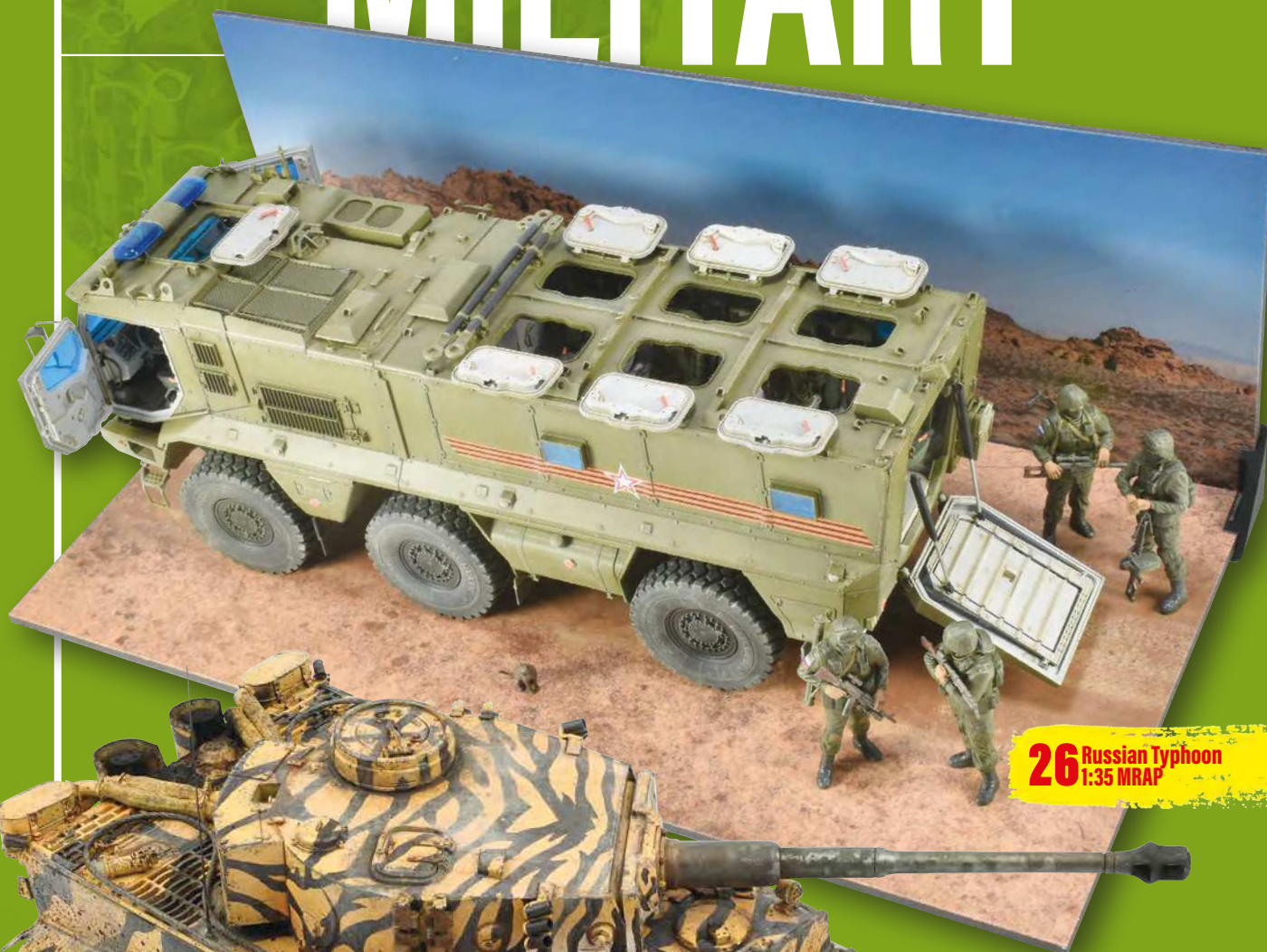
SCI-FI



MARITIME

21

MILITARY



26 Russian Typhoon
1:35 MRAP



22 War Thunder Tiger
1:35 Tiger I

30 Fury Diorama
M4A3E8 Sherman



34 News, Accessories,
Decals and Books



Tiger I 'War Thunder'

DAVID BRANSKI BUILDS THE 1:35 TAMIYA TIGER I AS SEEN IN THE VIDEO GAME OF THE SAME NAME

TAMIYA

P

anzerkampfwagen VI is possibly the most iconic tank of World War II and with this 1997 tooled

Tamiya 1:35 Tiger, I decided to paint it in the camouflage scheme that is featured as one of the tanks in the video game 'War Thunder'. I do play 'War Thunder' very often, sometimes just to admire the hard work of the developers to accurately recreate these machines or to take inspiration from. There are almost 2000 vehicles in 'War Thunder', and as the game is free to play, I would suggest you take a look!



Tiger I

Manufacturer: Tamiya

Scale: 1:35

Kit Type: Plastic injection moulded

Kit Number: 35218

assembled the turret and most of the lower hull parts first, except for fixing the wheels, as these would come later. Next, I created some rolled steel texture with Mr Surfacer 500, dabbing this into the model with an old

THE BUILD

For this build I also decided not to use any aftermarket parts, just build the tank straight-from-the-box! The assembly was typical of Tamiya kits, super easy to build, a fantastic fit and very good quality detailing. I





You Can see more of Dawid's work on You Tube and Facebook at 'Scale Hanger 182'



There are almost 2000 vehicles in War Thunder, and the game is free to play so I would suggest you take a look!

brush and when dried, I carefully sanded it down a little with a Tamiya 2500 grit sanding sponge. I then primed the entire model, as well as rubber tracks, with the best primer you can get in my opinion - Mr Surfacer 1500 (Grey). For the main colour I had added a few layers of Hataka C107 Signal Yellow, and for the white portions in front lower parts of the turret and lower parts of the hull I used Mr Surfacer 1500 White. This gives really excellent coverage and I didn't have to spend too much time spraying multiple layers.

TIGER STRIPES

For the 'tiger stripes' I was really thinking hard about how to tackle them, as the pattern was too sharp to use the Blu-Tac as a masking medium, and too complicated for a masking tape. So, I summed up some courage and brush painted them. I painted the stripes carefully by looking at my monitor screen trying to recreate the exact pattern seen in the game. Another thing that I spent time on was choosing the right colour for these stripes. For some the obvious choice would be to just paint black or super dark grey, and this was what i was thinking at the beginning. However, when I got closer to the paint job in game, I noticed that it had a black/brown tone, so i decided to use my favourite for painting chipping, Vallejo German Camouflage Brown. The gun barrel was hairspray chipped. So, first I sprayed on a coat of Ammo by MIG Rubber and Tires, then added their Chipping Fluid on top. Then





I added Tamiya X-56 Metallic Grey. I chipped the paint with a brush just moistened with water. With the paintwork complete, I added a coat of Hataka XP-09 Gloss.

SURFACE DETAILS

To enhance the surface detail and increase the appearance of depth I used Ammo by MIG Dark Wash into all the crevices and panel lines. Then I began the weathering process by making paint chips using a sponge technique and added scratches using a small brush with a use of some Ammo by MIG 'Chipping' paints. I also added some small chips on the wheels. Then I used some Ammo by MIG Nature Effects Light Dust to create some rainmarks. The some Ammo by MIG Mud For Dioramas was heavily applied on the lower parts of the hull, and in some places I added a touch of water to tone down the mud edges. When completely dry I added some Ammo





by MIG Loose Ground Splashes Effect just to change the mud colour and add some more weathering effects. Later I used the same product and soaked a brush in it and then used this to spatter some random splashes and speckles. Then using the Ammo by MIG Dust Oilbrusher I added some other effects, like dirt accumulated on the top of the turret, and on the front and back of the tank. Fuel and oil stains at the back of the tank were created with Ammo by MIG Fresh Engine Oils. After painting and weathering tools, I added more accumulated dirt by combining some Ammo

by MIG European Earth pigments with a light dust wash. Some additional dirt, dust and rust effects were then added using other elements from the Oilbrusher range.

WHEELS AND TRACKS

Next I fixed the wheels and tracks that I had previously weathered with Ammo by MIG Light Rust Wash, Track Wash, Loose Ground and European Earth Pigments. I then used

some Modellers World Black Soot pigment to create a smoke effect on the gun barrel, and on the exhausts and near exhaust areas. The metallic effect on the tracks and some edges of the tank were rubbed with some pencil graphite. I finished the model by adding an antenna made from the heated sprue and painted dark grey. [Modeling](#)



Typhoon-K

LEE POWELL BUILDS THE 1:35 ZVEZDA MRAP



ZVEZDA

The Typhoon is a family of MRAP vehicles, manufactured by the Russian truck maker

Kamaz, as of 2021 there were roughly 330 Typhoon-K serving with the Russian Armed Forces. These vehicles have an operational range of 750 miles and a top speed of 65mph and can survive under chassis explosions of up to 8kg of explosives and are fully bulletproof against armour piercing rounds. Zvezda released this kit at the end of 2021, and it had been on my radar as soon as it was announced as it was such a

Typhoon-K

Russian Armoured Vehicle

Manufacturer: Zvezda

Scale: 1:35

Kit Type: Plastic injection moulded

Kit Number: 3701

great looking vehicle and coupled with how well Zvezda kits went together as of late, I really couldn't wait to build it. When the box arrived, it was packed with plastic there are six sprues in light grey, a clear sprue, metallic

stickers for the mirrors, some net for exhaust areas and six nice looking and well detailed rubber tyres. There is also a small but nicely printed decal sheet that covers two options both from Syria, a Military Police vehicle and a Special forces vehicle.

Construction began with the rear and then front interior, but as I was waiting for some Quinta Studios 3D Seatbelts and internal details set, I decided to shift things





The Quinta Studios Seatbelt....



...and interior sets



The cab bulkhead with details attached



The decal sheet covers two options, both from Syria, a Military Police vehicle and a Special forces vehicle

round and started on the chassis at stage 17 and assembled this all the way through to stage 22. This built up perfectly with an excellent fit and was primed with Tamiya Fine Grey Primer. When dry some Tamiya TS-18 Semi-Gloss Black was then applied. The wheel hubs were also sprayed at the same time with the same paint and the tyres sprayed with Tamiya XF-85 Rubber Black, when they had dried, they were assembled and added to the chassis with all six wheels sitting perfectly on the ground. The fuel tanks, front bumper and chassis attached storage boxes from stages 23 through to 27 were assembled and primed as well at this point. After much checking for the correct shade of green to paint the vehicle (to my eye anyway), so I settled on Hataka Orange Line C085 Polish AFV Khaki Green. These parts were then sprayed with this colour, before adding to the lower chassis.





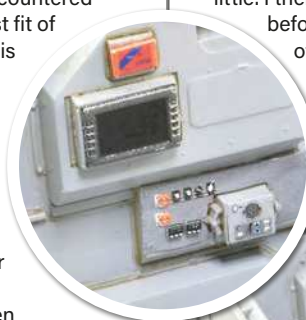
The cab with the seats painted and detailed

The Quinta seatbelts and interior had arrived by this point so the interior was assembled and painted up with the roof being left off so the decals could be added easily. The Quinta 3D printed decals were fantastic and really set off the interior (even though the seatbelt sets had to be purchased individually and the price of these came in at more than the kit itself!). These decals took a time to fit, taking a week's work to get installed, but as I say they really set off the interior. Some Russian kitbags were placed in the interior at this stage, and the windows were airbrushed with some clear blue to try and replicate the tint of the bullet proof glass. That said, I would mix some clear green in with the blue next time to try and get a more realistic tint. When the windows had dried overnight, these were masked and installed without any issues, fitting perfectly! The rear hatch panel and upper hatch openings were then masked, and the roof then fixed to

the upper hull fitting very well. All of the other bits were then added to the upper hull with no issues encountered anywhere, finally a test fit of

the upper hull to the chassis was tried and with a bit of fiddling this fitted perfectly much to my relief!

The upper hull was then removed and sprayed with some Tamiya Fine Grey Primer Spray, and when this was dry a small amount of filler was required, so these areas were filled and sanded and then another light coat of Primer was applied to check that the gaps were now filled okay. Some Hataka C125 NATO Black was thinned down 70:30 next and sprayed in recesses and along panels to provide some pre-shading over the vehicle, focusing on recessed and darker areas of the vehicle. When this had dried, the same Hataka C085 Polish AFV



Khaki Green that was used earlier on the lower hull storage boxes and fuel tanks was sprayed over the whole of the upper hull. When this was dry, any areas that were missed were retouched up, before I added a few drops of Hataka Traffic White to lighten the shade a little. I then sprayed in the centre of panels, before adding a couple more drops of Traffic White and then I gave the upper surface a light spray to replicate fading from the Syrian sun. After allowing this



The cab interior....

to dry overnight I attached the upper hull to the chassis without any problems using some CA and left this to dry for half an hour before giving the entire vehicle a coat of Tamiya TS-13 Clear. When this was dry, I applied the few decals, and these settled down nicely with some Micro Sol and Micro Set. This was followed by another coat of TS-13 Clear to seal in the decals.

Next up was a pin-wash across the vehicle using Modellers World Earthy Grime Oil Wash. This was then tidied up when it had dried overnight. A coat of Tamiya TS-80

Matt Clear was then applied, and this toned everything down nicely.

When this was dry, all of the masking was removed from the windows, hatches and doors, then all other small details were attached.

The final stage was to brush over all of the vehicle with some Modellers World Beach Sand Pigment with a stiff brush, paying particular attention around the wheels and lower chassis. I intended



...now painted and ready



...and undersides....

The chassis is very nicely detailed on the top....

to display the vehicle on a Coastal Kits Base that I had, so I built a set of the Zvezda Russian Troops, and these set the finished vehicle off perfectly and gave a sense of scale (there were also some extra weapons provided that were fitted into the cab and rear compartment).

I have to say that after waiting so long for this kit patiently, I was not disappointed! The quality throughout is fantastic and the finished vehicle looks stunning. I only hope Zvezda tool some more of the Russian MRAP vehicles in the future as there are some real stunners out there! [model](#)



...and the tyres are well represented



WAR NEVER ENDS QUIETLY

Sherman

ROBIN GILBY BUILDS A DIORAMA BASED ON THE MOVIE 'FURY' USING THE 1:35 ITALERI M4A3E8 AND A HOST OF EXTRAS

ITALERI

Like most armour modellers I quite enjoyed the 'Fury' movie from 2014 and have always fancied building an interpretation of the main star attraction. After I recently re-watched the film the Italeri M4A3E8 had reached the top of my to do pile! The model itself is a mixture of Sherman parts, but with some improved moulds, better detailing and the inclusion of two types of rubber band tracks. The kit consists of just five extensive green sprues, and these of course include new additions with all the relevant Fury detail parts and stowage. Some thin

cotton to use for the tie downs is present too. The decals cover three late war vehicles from 1945 as the option is also there to build a standard Easy Eight if you should wish and the build is shown complete in just twenty easy to follow stages. There are no figures included but there are several resin aftermarket sets, which represent the crew from the film and look very nice. For my build though I would be using the commander figure from the Tamiya Easy Eight release who may, or may not hold a passing resemblance to Brad Pitt!

Things started as expected with the running gear and the lower hull. This was all

M4A3E8 Sherman 'Fury'

Manufacturer: Italeri

Scale: 1:35

Kit Type: Plastic injection moulded

Kit Number: 6529

place next, and then the headlights, brush guards and additional detail parts around the vehicle. The next stage was the fitment of the multi-piece side fenders, and again they went together with no issues.

The turret was up next, and again this was very straightforward with the inclusion of a decent one-piece gun barrel with a split



easy enough, with some decent if not great detail on the wheels and suspension parts. The upper hull was called up next and here I added the hull MG, some crew tools and started detailing around the engine deck. The two hull halves were then mated together, and things fitted very well here, with just normal liquid cement holding everything in place. The front hatches went into





muzzle brake. The hatches were assembled next, along with such items as the lifting eyes, .30 and .50 cal mountings and other ancillary parts. The mantlet detail for fitting the canvas cover was called up here too, but according to all my reference pictures, this was not present on the movie tank, so that was not fitted. With all that in place the basic build is complete, and I looked at fitting the tracks. Two rubber band style types are supplied here, T66 and T84E, and after selecting the correct set they fitted well, although a little tight across the idler rollers, which I found needed a bit of careful adjustment. With all that in place the build was ready for the next stage, all that movie star make up and stowage!

I had put together quite a few reference images to help me get things right, including a brilliant on set photo shoot in Military Vehicles Magazine from 2015, several stills

There are no figures included but there are several resin aftermarket sets, which represent the crew from the film and look very nice

taken from the film and some walkaround pictures I took of the actual vehicle on one of my trips to Bovington Tank Museum. (Although be advised the tank has undergone several makeovers in the years since filming finished and it was returned to the museum). Armed with this lot I attempted to recreate most of the features required with extra grab handles, tie downs, several stowage sets from Red Zebra, ValueGear, Tamiya, other suitable aftermarket parts and some of the kit supplied details too. This was all good fun and fitting all the stowage was a very enjoyable part of the build. With further parts in place and then some spare track links fitted around the vehicle the build was nearly complete and ready for paint. Before priming I decided to apply a coat of Mr Surfacer across all the relevant areas, this dries quite quickly and gives a great rough effect to all those smooth plastic surfaces.





First, I applied an all over coat of AK Interactive Fine Primer from a rattle can, which gives a lovely uniform finish across the model and shows up any areas which require attention. Next up I used my airbrush and added some Ammo by Mig 2005 Black Primer to apply some pre shading at the running gear and any recessed areas. Painting was Olive Drab overall which was modulated with several lighter buff tones using my airbrush to give some colour variation. This gave a very nice finish and base colour, and when dry I could start to pick out details such as the crew tools and the MGs and then I fitted the supplied division marking decals and next it was time to add some weathering. (don't follow the instructions and fit the white stars

at the turret, the Fury never carried them). The famous logs were now added too, and I replaced the plastic kit ones with some nice wooden plant support sticks, they were the right diameter with a lovely texture and really looked the part. Tying them in position was a little fiddly but definitely worth the effort.

To start the weathering, I went with various Ammo by Mig Oilbrushers which I thinned down to create my own dark green and brown

washes and effects, and these were applied around the vehicle as appropriate. With that done the black camouflage pattern was applied and the Fury name was hand painted at the gun barrel. Now some more detailing could be added, including a large tarp made from Greenstuff Putty at the engine deck, some Tamiya ration boxes, the stretched sprue antenna and tie down, and finally some scratch-built cartridge shells were placed around the turret. Some light dusting was added next with my Tamiya weathering pastels and then a light misting with XF-57 Buff was blown across all the surfaces to blend everything together and I could look at getting things muddy!

For my mud mix I turned to AK Interactive Dark Earth Terrain and added in some fine soil and grass flock which matched the groundwork on the base. This was applied at the lower hull and running gear and while still wet I dabbed on a couple of different pigment shades in a few areas which would dry to give some colour variation. This was then all dry brushed with some light earth tones to show the raised detail. With the tank now complete I could turn to the figures and diorama base.

The base was a plywood storage box I had, which suited my needs, and after a matt black coat of paint I built up the inside with some packing foam until the correct height was met. If you are familiar with the film then you may well recognise the scene that I was going to set, as Fury leads the charge across an open field to attack a dug in German anti-tank gun position with supporting infantry. The first layer of groundwork was some household filler with some small stones mixed in. Whilst still wet I ran some track links along the surface where the tank was going to sit. When all dry I cut out the trench section and then added more filler, stones and debris as required. The whole scene now got a black undercoat to act as





a primer and to unify all the different elements and then various light earth and sand tones were airbrushed across the base for some nice colour variation.

The grass flock was a mixture of commercial and natural products all held in place with PVA glue and the trench received a generous coating of real fine soil applied with a small sieve. Further details were added around the groundwork such as rocks, various scatter, some small branches, and then some personal effects and weaponry. The US Infantry were from the Tamiya 105mm Sherman kit and looked the part with their stance and realistic assorted winter gear. They went together very well and were detailed with extra straps and then finished with Tamiya and Vallejo acrylics. The final part of the scene was the German casualty which came from a Stalingrad resin figure set sourced for me over lockdown from Lee at Fields of Glory. All these elements



came together well and when I was happy with the final set up everything was put into place with two-part epoxy glue. This was a great project which I thoroughly enjoyed from start to finish and was very pleased with the end result. Now all that's left is to watch the film yet again! [makeup](#)



SIDE VIEW



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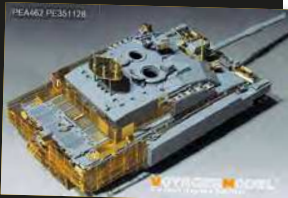


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► PPA5208 Jagdtiger Camo Scheme

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SIDE VIEW



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Bushmaster PMV

SCOTT TAYLOR OF THE SCALE MODELLERS SUPPLY (SMS) DETAILS THE 1:72 DRAGON BUSHMASTER

DRAGON

The Bushmaster Protected Mobility Vehicle (PMV) was developed in the 1990s for the Australian Defence

Force to provide the ADF with an armoured vehicle to transport infantry. Over the years since its inception, the Bushmaster has been used in multiple conflicts, primarily in the Middle East and in the Australasian region. It is currently used in active service by the Australian Army, Royal Australian Air Force, Royal Netherlands Army, British Army, Japan Ground Self Defence Force, Indonesian Army, Fiji Infantry Regiment, Jamaica Defence Force and the New Zealand Army. In mid 2021, Dragon Models announced that they were releasing a 1:72 kit of the Bushmaster, which is the focus of this build.



Bushmaster

Protected Mobility Vehicle

Manufacturer: Dragon

Scale: 1:72

Kit Type: Plastic injection moulded

Kit Number: 7699

was very noticeable when assembling the kit. The design of the chassis, the axles being metal rods and then the lack of rear cabin interior clearly showed the origins of this kit.



Upper and lower parts ready for assembly



The assembled kit ready for some paint

Whilst the kit itself is a great build, there were a few parts that were missing from the design and some that needed to be changed to give it a much better feel. First was to replace the windscreen wipers from the plastic ones to the included etched ones. The plastic windscreen wipers were very chunky and way off scale so switching to the etch was a must. Once that was remedied, I turned my attention onto some other details that needed to be changed on the kit, namely the spare wheel cover, the seats in the cabin and also the lack of a steering wheel. Using my Anycubic Mono X resin printer, I printed out some newly designed seats, a new steering wheel, and most importantly, a more realistic and natural looking spare wheel cover to replace the flat one included in the kit. These were attached to the kit and then it was ready to paint!

THE BUILD

Building the kit itself was very easy. Being 1:72, there wasn't a large amount of overly complicated parts which meant the build time was only around forty-five minutes to get it assembled. This kit at one stage was designed to be a diecast model, and this

First, I added a primer coat



Then SMS Camo Brown.....



...and SMS Camo Black...



...SMS Camo Green....

...and here is the finished look



real vehicle. Taking this into account, I decided not to mask off the pattern on the vehicle but in fact do it all freehand.



I used the SMS Bushmaster Spare Wheel Mask Sheet to create the pattern on the spare wheel cover

so and then I returned to do the next colour of the pattern, Camo Green. Another half an hour later, the Camo Black was applied. Now that all the pattern was down, I cross referenced it with the references I had and returned with the Camo Green and Camo Black, both thinned down a little further, to tighten up the camouflage and fix any imperfections in the pattern. Once that was completed and I was satisfied with the look, attention was turned to the spare wheel cover and the hexagonal pattern.

For this, I used the SMS Bushmaster Spare Wheel Mask Sheet that was designed for us by Clayton Ockerby of Workbench Hobbies on Facebook. To begin, the wheel cover was base coated with Camo Green first. Using the reference photos again, I lined up the spots that needed masking for the green hexagons and then sprayed on Camo Black.

PAINTING

For the painting, I left the top and bottom sections of the kit separate so I could paint the interior but also leave the windows out until the final assembly steps to remove the need to mask them off. In our Premium Range of Acrylic Lacquers, we have the three colours of the Auscam pattern available in an airbrush ready formula (PL31, PL32 and PL33 respectively), but for the release of this kit in Australia, we teamed up with the importers of Dragon Models to release a special 10ml concentrated version of the same colours. For this build, I used these new versions of our Auscam colours to paint the pattern. With the Auscam pattern, the references I used were all very similar in pattern style but were ever so slightly different. This fact coupled with the camo edges looking slightly feathered, suggests that these are all painted free hand on the

ADDING SOME COLOUR

The painting process started with the entire kit primed using SMS Surfacers Black, sprayed at 15psi using a 0.3 airbrush. After about ten minutes, the model was given the first colour of the Auscam pattern, the Camo Brown. That was left to sit for half an hour or

In our Premium Range of Acrylic Lacquers, we have the three colours of the Auscam pattern available in an airbrush ready formula

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Here's the cover
now installed



Adding colour to
the indicators and
brake lights

The next patterns were added, again as per the references, and then was painted with Camo Brown. The pattern on the spare wheel cover also had random dots painted all over it, so once the masks were removed, I applied dots of all three colours matching them to the references as best I could.

For the interior of the driver's cabin, the seats themselves have a camouflage pattern on them, so with a paint brush, I applied a pattern as best I could. The size of the seats and pattern made it difficult, it is just enough that they can be seen through the window, and you can notice there is a pattern there. The floors and rear wall sections were painted with Seafoam Green, the paint colour used on interiors of ADF vehicles. The remainder were all painted in black as per the reference images. As the windows were being installed, I remembered that they have the 'bottle green' look as they are bullet proof glass in real life. To get this effect, I applied a couple of light coats of SMS Clear Green through the airbrush to ever so slightly tint the clear

plastic. I needed to be careful with this stage as too much solvent-based paint on clear plastic parts can cause the clear plastic to craze and fog. Once that was done and the paint had dried, the windows were all installed and then the top and bottom halves of the model were glued together.

At this stage, I realised that I had forgotten completely to add in the antenna on the sides. So, I carefully cut away a small section of the mounting points with a sharp blade and then made some rigid antenna using some wire. These were fixed into place using some super glue and then painted black. The final step was to add the decals that were included in the kit. They were applied using Mr Softener decal solution and then it was finally ready for the base to be made.

THE BASE

The idea of the base was to create something simple to show off the kit but also make it clear in what sorts of situations it would be used in real life. Using styrene sheet, I built a rectangular box slightly larger than the model when it was placed on an angle. Whenever I create small bases like this, I never like having them flat and boring, so using

some off cuts of styrene, some raised areas were created at the rear left corner and the front right corner so give the impression of a well-used desert road that the Bushmaster was on. The entire top was covered with some very fine grit plaster filler which gives the impression of a sandy surface in small scale. The kit's tyres model were used to create the tracks in the road by rolling them along the surface whilst the plaster filler was still wet. That was all then left to dry and then given a rough sand back to remove any jagged and lumpy areas that would look out of scale.

Then using SMS Brown, German Sand Yellow, and IJN Deck Tan, the ground was airbrushed in random patterns to get varying tones in the sand. Using some various SMS Grey colours, small stones were picked out to give some interesting features to the scene and then some dry looking grass tufts were added to simulate some desert grasses. The model was then glued to the base and then using SMS Dust Weathering Pigment, was given some final weathering to tie it all to the base and give it that dusty look.

FINAL THOUGHTS

This kit was a fantastic build from start to finish and whilst it has its shortcomings, these are easily remedied by the modeller with some simple scratch building or 3D printing. If Australian subjects interest you, I thoroughly recommend building this kit. modelling.com.au





AUTO



MILITARY



AIRCRAFT



FIGURES



SCI-FI



MARITIME

39

AIRCRAFT

44 Grumman's Super Cat
1:48 AMK F-14D



40 Hammer of the Gods
1:48 Tamiya F-16



50 News, Accessories,
Decals and Books





Hammer of the Gods

FABIAN FLEMMING ADDS A MODELMAKER DECALS SET TO A 1:48 TAMIYA F-16 TO CREATE 'ZEUS' THE 2014/15 GREEK SOLO DISPLAY AIRCRAFT

TAMIYA



Zeus! What a word. He was the highest of all Greek gods, and that was also the name chosen for the

2014/15 Greek F-16 solo display team. So, if you fancy building a replica of the Zeus F-16, then the first port of call has to be the 1:48 ModelMaker decal set. This comes in a nice box with a patch, a little book about the display aircraft, the instructions and, most importantly in this scale, a pair of resin conformal fuel tanks and new parts for the fin. The decals have been printed by Cartograph and are perfect. I would also highly recommend you get the excellent Bilmodel colour sets for this aircraft, in fact there are two of them. One is for and with the camouflage colours and one is matched to the colour of the ModelMaker decals. I would also highly recommend the 'Have Glass' varnish by Mr Paint. I also purchased the Master Model metal pitot and angle of attack probes and of note here is

F-16C/N Fighting Falcon

Manufacturer: Tamiya
Scale: 1:48
Kit Type: Plastic injection moulded
Kit Number: 61106

that the decals are designed for the Tamiya F-16 with the small intake. I have not tried to fit them on the Kinetic kit, but with a few changes that should be possible.

So, as you may have gathered, this build features a Tamiya F-16, and assembly began with the cockpit. I always display





my cockpits closed because I don't want to destroy the aerodynamics of the aircraft. So, here I just hand painted all the details. The next step was to fit the intake to the lower fuselage, and as always with these parts, care must be taken, or you could be left with a lot of putty being needed and a lot of sanding.

Before I put together the lower and upper fuselage it was very important to fit the fin including the aforementioned resin bits parts and the CFTs. Again, you need to be really careful with these parts as one wrong move will result in the decals not fitting correctly and ruining the entire project.

So, pay close attention to the instructions! Also another thing to look out for are the 'Smokewinders' on the wingtips. You can either make these yourself by checking out the many images available online of source some from the Academy T-50 kits. The rest of the assembly was trouble free, as you would expect from a Tamiya kit. I then dipped the canopy in some Johnson's 'Future' to give it a nice sheen. The I sprayed the entire airframe with Alclad Black Primer and Microfiller as and then using the paint set, I began to apply

I would highly recommend you get the excellent Bilmodel colour sets for this aircraft, in fact there are two of them



the Greek camouflage in thin layers, slowly building up the colours. Once I was happy with the look, I added a coat of Johnson's 'Future' to seal the colours in.

Here, it should be mentioned that the best way to start with the decals, and there are a lot of them, is on the wings, right behind the cockpit and then work clockwise through the rest of the airframe. Also, its advisable to keep the model wet and match all the decals together

in one sitting. I used Microscale Decalset to help them conform to the surfaces. The next step was to blend in any decals that would not fit absolutely perfectly, and this is where the Zeus paint set from Bilmodel came into its own! Once I had applied some touch ups there was no noticeable difference in any area. However, for the record, this was not the fault of the decal sheet but was my inability to read the decal instructions correctly!

After placing the stencils and painting the tip of the slats and vertical stabilisers



F-16C/N Fighting Falcon

Hammer of the Gods ► 1:48 Scale





I once again sealed everything in with another coat of 'Future'. Once that was dry, I added a pin-wash onto the upper surfaces to accentuate the panel lines. On the lower surfaces I added a darker wash to reflect the grime usually seen on Greek F-16s. The undercarriage, which I had painted previously was the fitted and detailed with some dirt and grease products from Ammo by Mig. I then fitted the Master Model metal parts, and they were suitably painted. I then gave the model a final Alclad II Gloss coat. Then it was time to remove the masking from the canopy. The final step was to, fit and paint all the lights. Those below the tail I first painted with Model Master Chrome and then added some Kristal Klear to create the

lenses. Those on the wings and fuselage were added in the same manner and painted with their relevant colours.

This I have to say was the biggest challenge in my modelling to date, because the markings were some of the most complicated ever used on a display aircraft. That said, I would highly recommend the ModelMaker Zeus set, and in fact all of their products! [modeling](#)



Grumman's Super Cat

JAMES ASHTON GETS TO GRIPS WITH THE 1:48 AMK F-14D

Super Tomcat

AMK

A

MK first announced they were developing a new tool, state of the art, F-14D Tomcat some years back.

After the amazing standard of their previous releases fans of the 'Tomcat' were to say the least excited by the prospect. We waited and we waited, then along came the beautiful Tamiya F-14A kit. It was not until late 2019 that this first issue of AMK's F-14D arrived here in the UK. As soon as it arrived it was snapped up by hungry modellers keen to discover if the wait had been worth it. Unfortunately, this delivery was all we got,

The biggest plus for this kit is the price point, given what you get in the box there is no other kit that comes close.

and the kit has again been out of stock for nearly two years. The good news is that we are once again going to see this superb kit back in the UK very soon. This time with new dynamic box art, showing an F-14D about to be catapult launched from the deck. There have been a number of the original boxing built and reviewed over this last two years and the results look spectacular, and I have not heard that the kit has changed in any way other than the new release has different markings.

A number of high-quality aftermarket detail sets have been released and I have employed pretty much all of them onto this model. The first thing that astonishes you when opening the box is the amount of plastic

F-14D Super Tomcat

Manufacturer: AMK

Scale: 1:48

Kit Type: Plastic injection moulded

Kit Number: 88007 re-issued as 88009

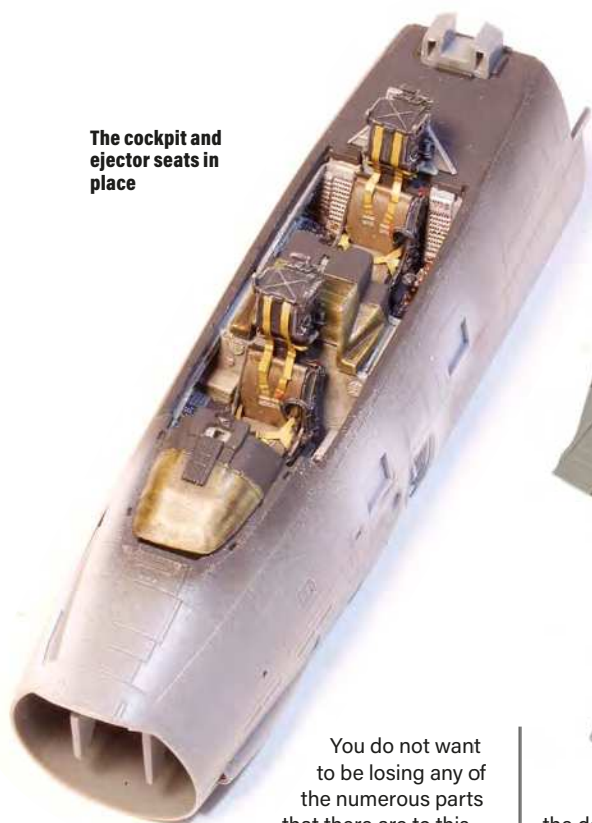


that has been skilfully packed inside. I would not normally mention such things in a review; however, it may be something to bear in mind. Once you start to extract the sprues from the box they will not go tidily back inside.

Meaning that the workbench can become cluttered, I found it useful to have a few old kit boxes to place the sprue in.



The cockpit and ejector seats in place



Adding some colour to the appropriate places inside the fuselage



You do not want to be losing any of the numerous parts that there are to this kit. The surface detailing is exquisite with fine recessed panel lines and rivet details. All the parts are flash free and are modular. The nose section is worthy of mention, as the cockpit tub and front wheel-well cleverly slide into position. It is a snug fit and you do have to be careful to get it aligned correctly. The aftermarket parts I applied to this area are firstly, an amazing set of 3D Decals from 'Quinta'. They are so simple to apply and have the advantage of having

the detail of printed etch, combined with the relief of resin. The seats were 'Quickboost' resin, which have greater levels of detail than the kit parts. Other improvements I added were some etched mirrors and grab handles around the canopy.

At this point, I need to stress that the kit is perfectly good straight-from-the-box, as these aftermarket parts were a personal choice. The F-14 was one of, if not, the most complex aircraft the US Navy ever operated, with its variable geometry wings being a point in case. This fact alone presents model kit manufacturers with a challenge. Most Tomcat kits will often be modular in construction. In recent years injection

moulding has advanced to the point where this is not as big an issue as it once was for the modeller. As you work your way through this kit, stage by stage you will find yourself marvelling at the details and the fit of the parts that AMK has achieved. As we all know there is and probably never will be a perfect kit and with that in mind, I did come across some small areas that do need to be approached with care. The first area is the fit of the main wheel-wells and intake ramps. I found I had to test fit and trim the parts regularly to get a good fit, it is not bad but is tricky. Get this right and the main airframe goes together beautifully. Next up is the fit of the nose section, which slides between the intakes seamlessly. I found it best to align the lower section first to get a flush fit. Then I noticed the slight step behind the cockpit, which sticks out like a 'sore thumb'.





Construction progresses



Creating the distinctive surface of the LGBs...



...and I was pleased with the outcome



Ready for some paint





AUTO



MILITARY



AIRCRAFT



FIGURES



SCI-FI



MARITIME

47



Adding a
primer coat

I used an AK
Interactive
stencil to add
some tonal
variation to the
paintwork

Adding the decals....

After some more test fitting and head scratching, I thinned the inside of the mating surfaces, pinched them flush while the cyanoacrylate glue set. This leaves a perfect flush join, just a quick re-scribe to replace the panel line and you would never know. Apart from those two little areas the rest of the kit went together superbly.

Other aftermarket I used were a set of resin wheels and Master metal pitot tube and angle of attack probe. One omission that all manufacturers have are the GBU's on US Navy aircraft. They have a thermal paste for fire protection, which gives them a rough coating. I simulated this using some dissolved putty stippled on and lightly sanded. All too soon it was time to put the paint on. This kit was to be a showcase for the new Alclad II 'Mil Spec' enamel range, if you have ever wanted to try enamels and are an airbrush user these are ideal paints to start with. They are airbrush ready, dry very quickly and have accurate colours, they can be blended for weathering and shading effects. I then

sealed this with a coat of Alclad

II Aqua Gloss. Firstly, to give a smooth gloss finish for the decals, but also to seal the

enamels for weathering with oils. Speaking of the decals the ones provided in the kit are of the highest quality, with fine carrier film, good colour saturation and are in register. I recommend applying them by 'floating' them onto the surface with a good drop of water,

...and washes
and weathering



or they will grab and tear. In summary this is an awesome kit of the Tomcat with unbeatable levels of detail and options for display. It is because of its complexity that it is not a shake and bake build. However, if you just want to build it straight out of the box with everything closed up it will give you a stunning model in the same time it takes to build any other F-14 in this scale.

The biggest plus for this kit is the price point, given what you get in the box there is no other kit that comes close. I would say the biggest frustration is that it has not been readily available. Hopefully AMK will remedy that with the reissue soon to be seen on our shelves. Grab yourself at least one of these kits and you will not be disappointed. [modelim](#)



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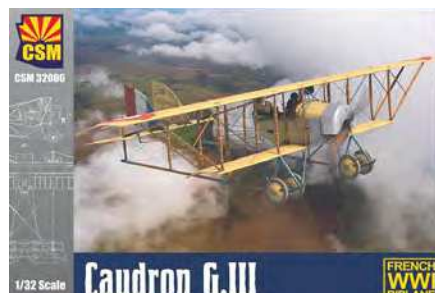
FOCKE-WULF FW 190D-15 TORPEDO BOMBER

1:72
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SIDE VIEW

OSPREY PUBLISHING

Desert Storm 1991

Publisher: Osprey
Author: Richard P
Hallion

The rapid victory in Desert Storm, which surprised many observers, led to widespread military reform as the world saw the new capabilities of precision air power, and it ushered in today's era of high-tech air warfare.



Fw-190D9 Defence of the Reich

Publisher: Osprey
Author: Robert Forsyth

Featuring first-hand accounts, photographs, artwork and innovative and colourful 3D ribbon diagrams, this fascinating volume portrays what it was like to fly the superlative Fw 190D-9 in combat, providing a realistic insight into how German pilots used the superb Focke-Wulf aircraft in combat against American, British and Russian fighters in the Defence of the Reich in 1944-45.



P-51B/C Mustang Northwest Europe

Publisher: Osprey
Author: Chris Bucholtz

This volume, packed full of first-hand accounts, expertly recreates the combat conditions and flying realities for Mustang pilots (including headline aces such as Don Blakeslee and Don Gentile, as well as lesser-known aviators). It is heavily illustrated with photographs, artwork and innovative and colourful 3D ribbon diagrams, which will provide a realistic overview of the most dynamic dogfights in aviation history.



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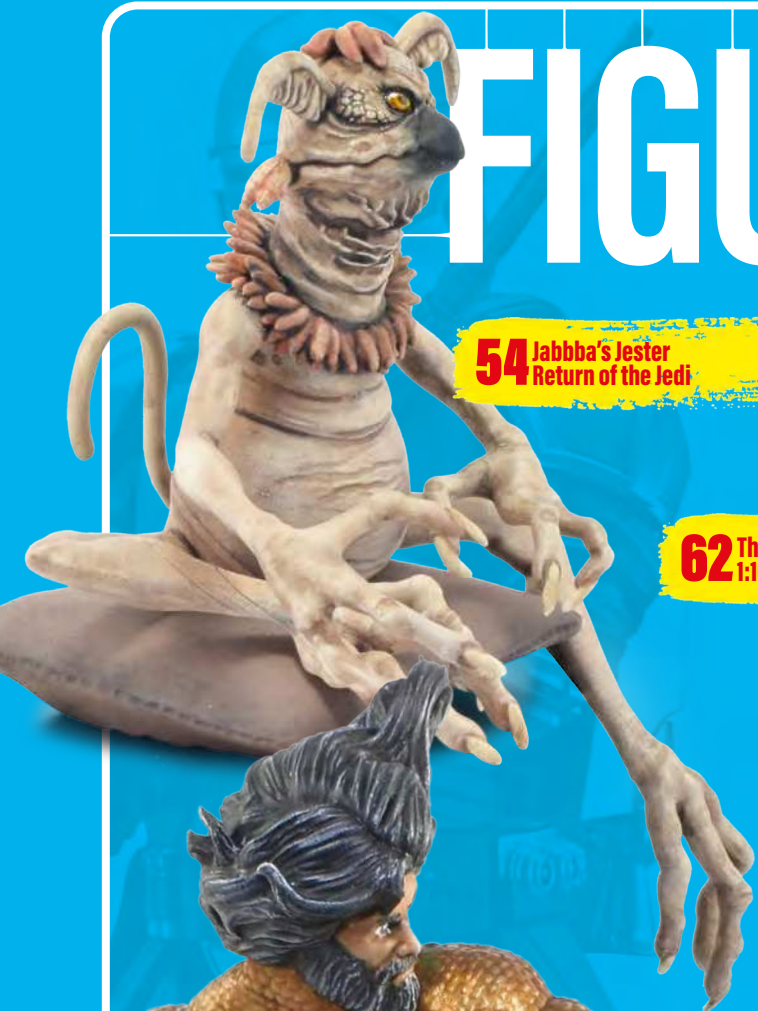
SCI-FI



MARITIME

53

FIGURES



54 Jabba's Jester
Return of the Jedi

62 This Is The Way
1:16 Mandalorian & Grogu



58 Aquaman
3D Printed Figure



60 X MAS, Battalion
Fulmine 1944



65 News, Accessories,
Decals and Books



Salacious Crumb Jabba's Jester

JEZZ COLEMAN LOOKS AT 3D PRINTING AND A CHARACTER FROM STAR WARS - RETURN OF THE JEDI

New Technology...

As with many facets of this hobby, the progression of new technology and equipment now spawned

the advent of 3D printing, which is something a lot of seasoned modellers are discovering and is fast becoming the medium for creating such things as accessories, or this case a figure. So, here we have something that was created from a downloaded file on my recently purchased Elegoo Mars Pro 2, 3D printer..

After a few days learning how to use the required software on my laptop, which was not as difficult as I first thought, I set up the machine to print. After searching the Internet for files to use and let me tell you there are thousands upon thousands of them, you can find some that are free to download or others that cost as little as a cup of coffee. So, what did I choose as my very first print? Well, for me there was only one real choice, and as I am a huge Star Wars fanatic, I stumbled across a file of a memorable figure from Star Wars - Return of The Jedi, non-other than Salacious B Crumb who sat upon the throne of Jabba the Hut in his Palace. Salacious B Crumb was a natural performer, and he was blessed with a panoply of physical features suitable for a crowd-pleasing clown, with floppy ears, messy hair, wide-and-oh-so-hypnotic eyes, gangly limbs, clumsy movements, and an infectious cackle. However, he didn't possess much of a brain between those outsize ears.

Once I had set of the printer off, I was then faced with a lot of pacing around as I waited for my first print to finish, but finally after roughly four hours my wait was over. I opened the printer and much to my surprise. I had successful print! After removing the object from the build plate and then removing the all-important supports



Once I had set the 3D printer off, I was then faced with a lot of pacing around as I waited for my first print to finish

that were added in the print software prior to sending to the machine, I set about the clean-up, which took no time at all. As this model was printed as a one-piece affair, there was no need for any gluing, filling or sanding of any of the joints. After a few minutes in the UV curing station, the resin was ready to paint.

So, to begin I applied nice even coat of black primer followed by some white from above in the direction of the light source, known as zenithal shading. This helps in the painting process, as it adds highlights and lowlights creating subtle shading when applying the base colours to the model. For the main body I airbrushed on various sandy brown shades starting with the darkest colours first working though in very light coats to the lightest, until I was happy with the overall look. A few dark patches were applied to add a little texture and a mottled look to the stomach and back area of





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FIGURES



SCI-FI



MARITIME

55



the figure, and this was then unified with a very light coat of skin tone to bring everything together. With the main body painted it was time to bring a little life to the face. Here I used some reference pictures to paint the black areas around the mouth and face freehand, using my airbrush.

Eyes are always a critical area on any figure as this really adds life to any face. So, I took a lot of care here. Firstly, I took a fine paintbrush and added some pure white for the eyeballs. This gave me a good base for when I applied some bright yellow for his eye colour, and the pupils were then added with a tiny dot of black. The finishing touch to really make the eyes stand



out was to apply some clear yellow, as this deepened the colour and gave a nice glossy, wet look to the eyes. Finally, I applied a wash to add some shadows to the details, followed by a drybrush to add more highlights to the raised areas. Finally, the entire figure was given a coat of matt varnish, but not before a small blob of masking liquid was applied over the eyes as so not to lose their glossy appearance.

To display the painted figure, I used a small base that fitted the print perfectly, and with a touch of epoxy resin I fixed the figure in place. Then I could then sit back and enjoy my very first 3D printed model! One of the great things I discovered about having the 3D printer is that in a very short space of time, the possibilities seem to be endless, so I don't think this is the last you will see of me and my machine! mofcam.com



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Master modeler Brett Green chose SAC gear for his 1/32 IAR-80A for additional strength and because white metal allows the angle of the gear to be adjusted even after the legs have been glued in place.



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LEE POWELL PAINTS THE MALIX3DESIGN SANIX 3D PRINTED FIGURE

MALIX3DESIGN

Aquaman (Arthur Curry) is a superhero appearing in American comic books published by DC Comics.

The character debuted in More Fun Comics #73 in November 1941, and in 2018 the big screen beckoned Aquaman with Jason Momoa taking the lead role. Having recently purchased a 3D printer I downloaded a Malix3Design of 'Aquaman' and is one of many amazing looking figures available on their website. The file itself comes in seven parts divided it into two build plates. The model comes in 1:10 scale, so all the parts were scaled down to 60% which came out at roughly 1:18 scale. A small circular base and the figure parts were then arranged on a plate to be printed with Elegoo Water Washable Ceramic Grey resin. The waves in a circular swirling motion were positioned to be printed on the second plate using Elegoo Water Washable Clear Blue Resin. The body parts took three and a half hours to print, and the water took five hours to print. After a minimal clean-up of the parts and curing by myself, the figure went together like a dream using some Medium CA Cement from Deluxe Materials, sand some tiny gaps were then filled with some liquid resin and cured again to create a strong bond.

Onto the painting! First, I gave the figure and the small circular base a coat of Tamiya Fine Grey Primer to confirm that all gaps had been filled sufficiently. I then gave the small circular base a coat of Tamiya TS-82 Rubber Black straight from the rattle-can before being set aside.

Having recently purchased a 3D printer I downloaded a Malix3Design of 'Aquaman' and is one of many amazing looking figures available on their website

The water looked very nice in clear blue but needed a touch of colour variation to bring it to life, so I sprayed a light coat of Tamiya TS-72 Clear Blue on the lower half, before setting this aside to dry for an hour. When this had dried, another light coat was sprayed on further down towards the bottom of the base to give a variation of the clear blue. Finally on the water, a coat of Tamiya TS-13 Clear was applied to give a wet effect. When this was dry, a light dry-brushing of Tamiya XF-2 Flat White was applied to the tips of the waves to finish the water off, this was then attached to the small black circular base.

Painting of the figure began by blocking in all the main colours, and here I used Citadel Retributor Armour for the upper torso, the trident head, the belt, the side panels and the detail on the trousers. When this had dried Citadel Waaagh Flesh was used for the trousers before Citadel Dryad Bark was added for the boots. The face and hands were next, and for this I used Tamiya XF-15 Flesh. I also painted the hair and beard/moustache with Tamiya XF-85 Rubber Black, before painting the trident handle with some Citadel Steel Legion Drab. With these main areas



completed I moved onto the finer details, using some more Tamiya XF-85 for the rope around the belt and some Citadel Death World Forest for the green stripes across the top. The eyes were also painted in with Tamiya Flat White and Flat Black. The final part was to paint the seaweed looking parts on the boots. For this I put some Citadel Castellan Green and Warboss Green. I then set to work blending these in, and I was quite happy with the result. I then I went over the model with Citadel Agrax Earthshade shader. This picked out the gold-coloured parts beautifully. When this had all dried, I went over the Retributor Armour with another dry brushing to pick out the raised details. To finish off the painting I used some Humbrol Acrylic 64 and gave a very light dry brushing over the hair and beard/moustache and belt rope and on the seaweed areas, as well as the boots. Once dry, some thick CA glue was applied to his left boot, and he was then placed into the 'water'. I have to say I am very impressed with the quality of this figure, and the fit here was fantastic and the detail, mind blowing, and I am sure there will be many more I will purchase in future! [YouTube](#)



X MAS Battalion

PETER MERTS DETAILS THE 1:16 HISTORICAL MINIATURES BUST

HISTORICAL MINIATURES

The Decima Flotilla MAS also known as 'La Decima' or 'X MAS', (Italian for 10th Assault Vehicle Flotilla)

was a commando frogman unit of the Regia Marina (Italian Navy) and was active during the Battle of the Mediterranean and took part in a number of daring attacks on Allied shipping. The X MAS (Small Boat Raiders) was always considered an elite corps, and for this reason, thousands of young people who wanted to volunteer. Therefore, it was possible to organise an entire division as a land force, and as such the Fulmine Battalion was created.

PRIMER

After the usual removing the parts from their resin plugs and cleaning up the seams, I began by applying a thin layer of grey primer from an aerosol can. By doing this in thin layers and from a sufficient distance, it is easier to prime and therefore obtain some good coverage.

X MAS, Battalion Fulmine 1944

Manufacturer: Historical Miniatures

Scale: 1:16

Kit Type: Cast resin

Kit Number: 815/B4

EYES

I always start by painting the eyes as this always draws attention. I recommended not to use pure white but a very light flesh colour to avoid the idea of dolls eyes.

FACE

I give the face a base colour of Vallejo Red Beige 804 until it was completely covered with a few thin layers. I then used different to paint the face. For applying the lightest shades, I created four different hues going progressively lighter up to the lightest colour Light Flesh 928. Then I made another three mixes for the shadow colours, using Black Red 859 as the pure shade. Into each mix I then put a very small amount of Tamiya X-21 Flat Base to make the paint a little more matt, and to extend the processing time I added some Vallejo Retarder.



Fulmine 1944

The X MAS (Small Boat Raiders) was always considered an elite corps, and for this reason, thousands of young people who wanted to volunteer.

HELMET

Here I used Russian Green 894 in much the same way as some of you do on tanks. The anchor and the X were painted freehand.

SWEATER

The sweater is painted with Vallejo Neutral Gray 992, with some Black 950 added for the shading and Light Gray 111 for the highlights.

CAMOUFLAGE PATTERN

First I created a base colour using German Uniform Green 920 + Russian Uniform 924. To lighten this mix I used the base shade with a little Yellow Ochre 913 and Basic Skintone 815.

By adding a little more Basic Skintone 815, I created second and third lighter shades.

For the brown pattern I started with Chocolate Brown 872 + German Camouflage Black Brown 822 as the darkest shade, and then painted the pattern on with that. To this mix I then added Red Leather 818, which I painted over the dark spots as a base colour. To lighten the brown, I added some Old Rosé 944 + Basic Skintone 815 to this mix. By adding more and more Basic Skintone 815 I made the second and third lighter shade variations. For the sand yellow pattern, I used a mix of Khaki 988 with a touch of Chocolate Brown 872. This was then lightened with Khaki 988 + Yellow Ochre 913 + Basic Skintone 815. The decals were painted with Silver 997.



CARTRIDGE BAG

Here I used a mix of German Camouflage Beige 821 and Chocolate Brown 872. The flap was the Italian version of black leather, for which I mixed Black 950 with some Chocolate Brown 872.

EQUIPMENT

The knife, hand grenade and the leather straps were painted with several brown, black and green shades, considering as much as possible to use of the same colours as on other parts of the bust.

THE BERETTA 1938 SUBMACHINE GUN

Here I used a Lifecolor set and some pigments. This combination took some getting used to but I was quite satisfied with the result. [Lifecolor](#)





THE MANDALORIAN

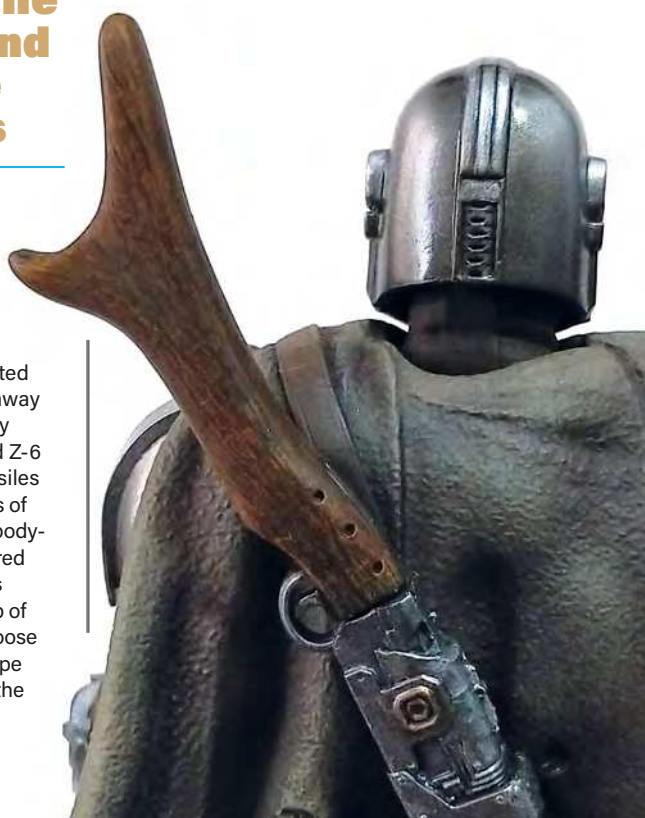
SIMONA BORDONARO DETAILS THE 1:16 GAMBOY-3D PRINTING MANDALORIAN AND GROGU FIGURE SET

Rising Phoenix

The Mandalorians were some of the most feared warriors in the galaxy. As proud warriors, they hold combat as the cornerstone to their culture, their individual identity, and spirit. They also use the Rising Phoenix training to enable them to use their jetpacks to enhance their abilities. The Mandalorians share a strong code of honour that could be invoked to settle disputes with one-on-one combat that would conclude with the death of one opponent. Mandalorian armour developed a legendary reputation that was feared across the galaxy and was visually distinctive with its honeycomb plate patterns and menacing T-shaped visors. The armour was made of Beskar, a metal extremely resistant to damage and malleable enough to be forged into armour. An ancient tradition and vital part of Mandalorian culture was forging the Beskar into armour, which was carried out by Mandalorian Armourers, who could also forge the Beskar into other gear like the Whistling Birds'. On top of the fabled armour, Mandalorian warriors were equipped with anti-Jedi tools such as jetpacks, magnetised

This was an STL file for 3D-printers and made up of some forty-four pieces

boots, tactical displays, and armed gauntlets, that featured weaponry and tools designed to combat the abilities of the Jedi. Some of this weaponry not only helped combat but outright mimicked Jedi abilities, such as their wrist-mounted sonic repulsors that knocked objects away like a Force push would. They generally favoured Westar-35 blaster pistols and Z-6 jetpacks, which could also project missiles. Being a fan of the Mandalorian series of Disney+ I decided to have a go at Gambody-3D Printing Mando and Grogu set inspired by the TV series. This was purchased as an STL file for 3D-printers, and made up of some forty-four pieces, and you can choose one of two types. The first has a long cape with a sharpshooter rifle attached to it, the second has a shorter cape, that allows





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FIGURES



SCI-FI



MARITIME

63



for the hooking a jetpack onto the back. I chose the first model and printed it at 1:6. This took several hours to print it (nine hours for the cape alone!) using my Saturn Elegoo printer and more than one kilogram of photopolymeric resin, but once printed I was very happy with the result. The quality of the pieces is such that they just required a little polishing

up where the pieces were connected to the frames, before starting to add any paint. So, I began with a coat of black primer which was applied in a thin, uniform layer to all the textured parts, such as the cape and the trousers. This way the details were not covered, but ready to be enhanced by the detailed painting to come. A thicker layer then gave the armoured parts a polished look. The helmet and the armour are very relevant in the Mandalorian story, and I had to replicate the Beskar steel, the only pieces that a laser sabre

cannot cut through, as these had a shiny glossy reflective surface.

I started painting the garments with my airbrush, using images from the TV series as a reference, and adopting a palette of acrylic paints from Citadel such as Mournfang Brown and Steel Legion Drab. For the shadows I used Rhinox Hide mixed with Dark Blue, while I added a selection of greys for the cape, in order to create the transitions between the different colours. I then used a brush to enhance the garments details and to distinguish them from the armour, which is cold and sharp. I emphasised the cloth texture with its very fine hatching that can be seen on the sack containing Grogu. I also added some weathering to the leather parts and other areas of clothing. The tiny Grogu was completely brush painted using a palette of greens for the skin, then faded into

pink in the ears, the cheeks and the eyelids, giving it a cute look. For the eyes I used some brown paint and added pure white for the catch-lights. They were then further enhanced with some Tamiya Gloss.

The Beskar armour was the most difficult part. This required several colours to be applied through my airbrush, including Golden Artist Iridescent Silver, to which I added drops of metallic black and very dark blue to create varying shades and volume. The armour was then finished with a colourless gloss spray finish, the type usually adopted for cars. Such shiny effect created a good contrast between the armour, the clothes and the soft complexion of Grogu. I must admit I had a great deal of fun painting two of the details, these being the rifle butt with its wooden veins and adding powder pigments on the boots and the cape rim, to simulate red desert dust. If you have the opportunity to have a go at one of these 3D printed models, believe me they well worth seeking out, and remember 'This Is The Way'! 



FIGURE NEWS

ROYAL MODEL

► 896 - 1:35 Soldiers Painting

■ www.royalmodel.eu



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■ www.historexagents.com



SIDE VIEW

OSPREY PUBLISHING

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Publisher Osprey

US Marine v North Korean Soldier

Author: Bob Cashner

Publisher Osprey

■ www.ospreypublishing.com



VICE 75

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FIGURES



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MARITIME

67

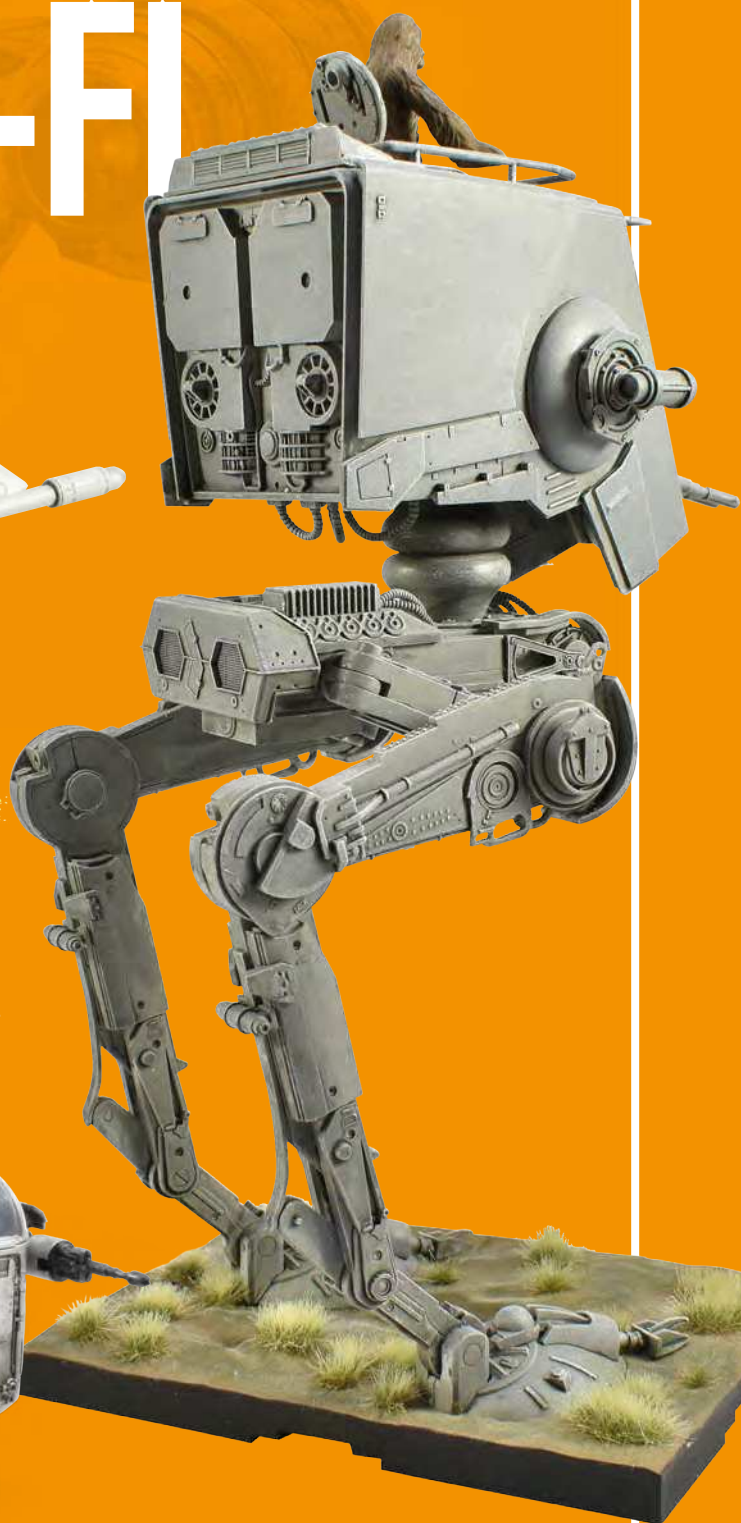
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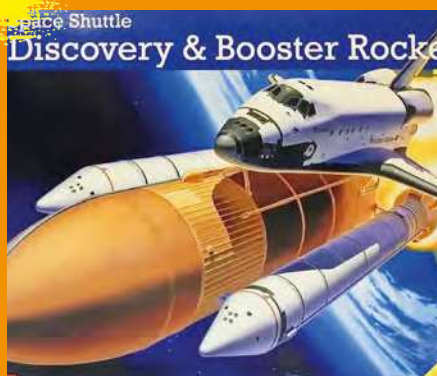
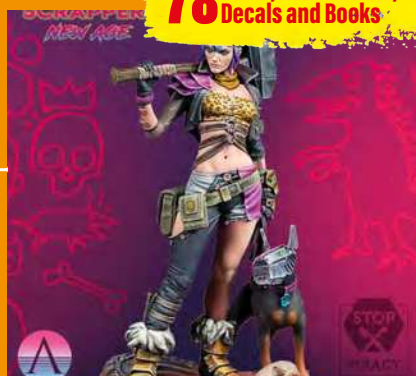
68 Star Wars Kits
May The Force Be With You



72 Razor Crest
Mandalorian



78 News, Accessories,
Decals and Books





Star Wars

Rogue One

Kit: Build and Play U-Wing Fighter

Manufacturer: Revell

Scale: 1:100

AT-ST

Manufacturer: Revell

Scale: 1:48

Snowspeeder

Manufacturer: Revell

Scale: 1:48



MAY THE FORCE BE WITH YOU

LEE POWELL TAKES A LOOK AT A TRIO OF REVELL/BANDAI STAR WARS KITS

REVELL/BANDAI

Star Wars Model Kits have been around for years, starting with MPC in 1978, through the Airfix re-boxings

of these in the early 1980's and the Finemolds kits of the early 2000's. Revell started producing Star Wars kits around 2005 with some basic models in various scales, and an Easy Kit/Build and Play range targeted at younger modellers, and my son loved clicking these together and playing with them as he got interested in Star Wars. Bandai produced a fantastic range of kits as well, I regularly imported these from Japan, so when Revell started re-boxing some of these kits I was over the moon at being able to get hold of them a lot more quickly and easily!



There is a great selection of Star Wars models available for all abilities, from the most basic toy offerings, all the way through to the top end Bandai kits

The Revell Star Wars 1:100 Rogue One, Build and Play U-Wing Fighter was released in 2016 when the film came out and became a favourite of mine amongst Star Wars ships. There are only thirty-four parts to build up in the box, and while it's not the most detailed of kits, it appeared to be pretty accurate. There was a light in the cockpit, along with various sounds available when a button on the top of the body was pressed. This is a relatively large kit for 1:100 scale, with the wings being poseable when assembled. I filled the screw hole on the lower hull where the batteries go and then laid out all of the parts to work out a painting plan. First off, all the grey plastic parts were painted with Tamiya Fine Grey Primer before painting and adding the two small figures in the cockpit area using Tamiya

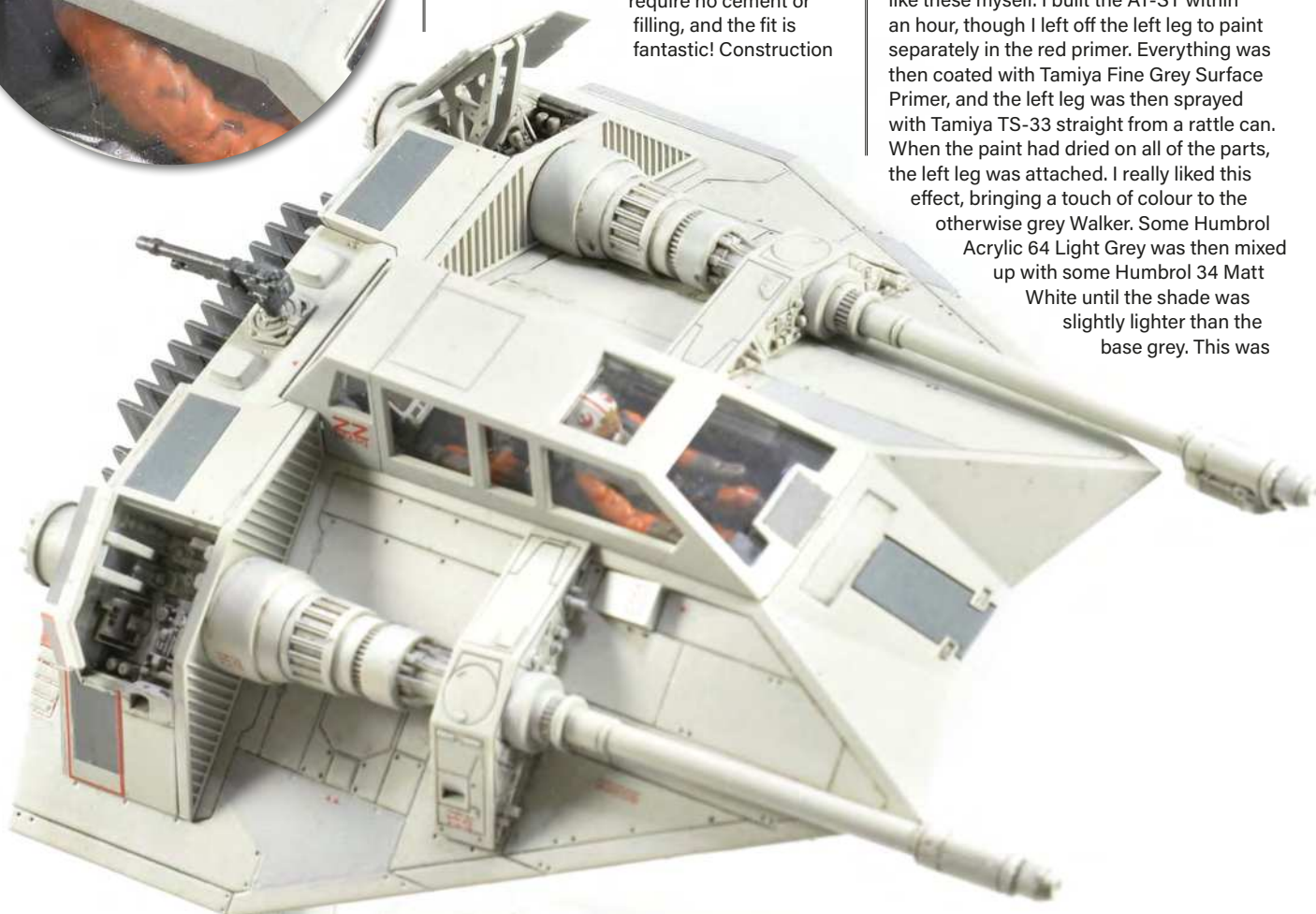
Acrylic Paints. The engine exhausts and guns were also painted at this stage using Citadel Leadbelcher paint. I like the Tamiya Grey Primer as a base colour for Star Wars vehicles, so I proceeded to mask off the areas that would be blue and yellow and then I applied some Humbrol Maskol randomly over these areas to peel off after painting. Tamiya XF-3 Flat Yellow and Tamiya XF-8 Flat Blue were then both thinned and a couple of coats of each was painted in the relevant areas. When these had been left to dry overnight the Maskol was removed giving a pleasing weathered appearance. The kit was then assembled, and I immediately loved the look of it. The joints were tidied up and resprayed and finally a panel line wash was applied all over. I then called it done!

The Revell re-boxings of the Bandai 1:48 AT-ST and Snowspeeder were both built in parallel, initially for a small diorama on Hoth, but I decided against this in the end. I had



already built a Bandai boxing of the AT-ST, so I knew how good the kit was (my first build was in Endor guise with a great little 1:48 Chewbacca figure in the turret hatch!). For this build I decided to do the AT-ST grey again, but with a deep red primer colour on the leg, like it has just recently been repaired from a battle! The Revell/Bandai kits can be snapped together and require no cement or filling, and the fit is fantastic! Construction

of the AT-ST was completed in eleven comprehensive, but simple stages, and as I said, this could be snapped together, but I opted to glue it for extra strength. There is a complete interior with two x pilot/driver figures (and one Wookiee!). There are also two clear red parts that fit in the end of the chin guns to replicate the flash from the guns firing if required, although I don't personally like these myself. I built the AT-ST within an hour, though I left off the left leg to paint separately in the red primer. Everything was then coated with Tamiya Fine Grey Surface Primer, and the left leg was then sprayed with Tamiya TS-33 straight from a rattle can. When the paint had dried on all of the parts, the left leg was attached. I really liked this effect, bringing a touch of colour to the otherwise grey Walker. Some Humbrol Acrylic 64 Light Grey was then mixed up with some Humbrol 34 Matt White until the shade was slightly lighter than the base grey. This was





then dry-brushed lightly over all the edges to give a very slight contrast. When this had dried the AT-ST was given a coat of Tamiya TS-13 Clear and once dry I added a wash in all corners and recesses using Ammo by Mig Sky Grey Line wash and then tidied up this up before applying a couple of the supplied decals randomly. Another light coat of Tamiya TS-13 Clear was applied to seal the decals in, and finally when this had dried overnight, a coat of Tamiya TS-80 Matt Clear was sprayed on to flatten the finish. As this was to be on the snowy environment of Hoth, I decided to apply a coat of Citadel Valhallan Blizzard Texture Paint on the base, this worked really well, and I was pleased with the final result. The Snow Speeder followed a similar pattern with comparable paints being used, along with some extra Tamiya Acrylics for the crew and cockpit details. There are a lot more decals to put on though (close to seventy including the ones inside the cockpit and on the pilots' helmets!), although these settled down really well with some Micro Set and Micro Sol.

In summing up then, there is a great selection of Star Wars models for all abilities, from the most basic toy offerings, all the way through to the top end Bandai kits, including the stunning 1:72 Perfect Grade Millennium Falcon. So, go out and grab one and no matter what you may choose, 'May the Force be with you!'



Razor Crest

JEZZ COLEMAN BUILDS THE 1:72 REVELL KIT FROM THE MANDALORIAN TV SERIES

REVELL

The 'Razor Crest' was originally built as a gunship known as a ST-70 Assault Ship at some point before

the formation of the Galactic Empire. The vessel eventually fell into the hands of The Mandalorian Din Djarin, who lived and worked from it as he hunted bounties in the Outer Rim Territories in the early years of the New Republic, and for those of you that hasn't seen the TV series here is a brief rundown about the Razor Crest. It has two large laser cannons



Razor Crest

Manufacturer: Revell

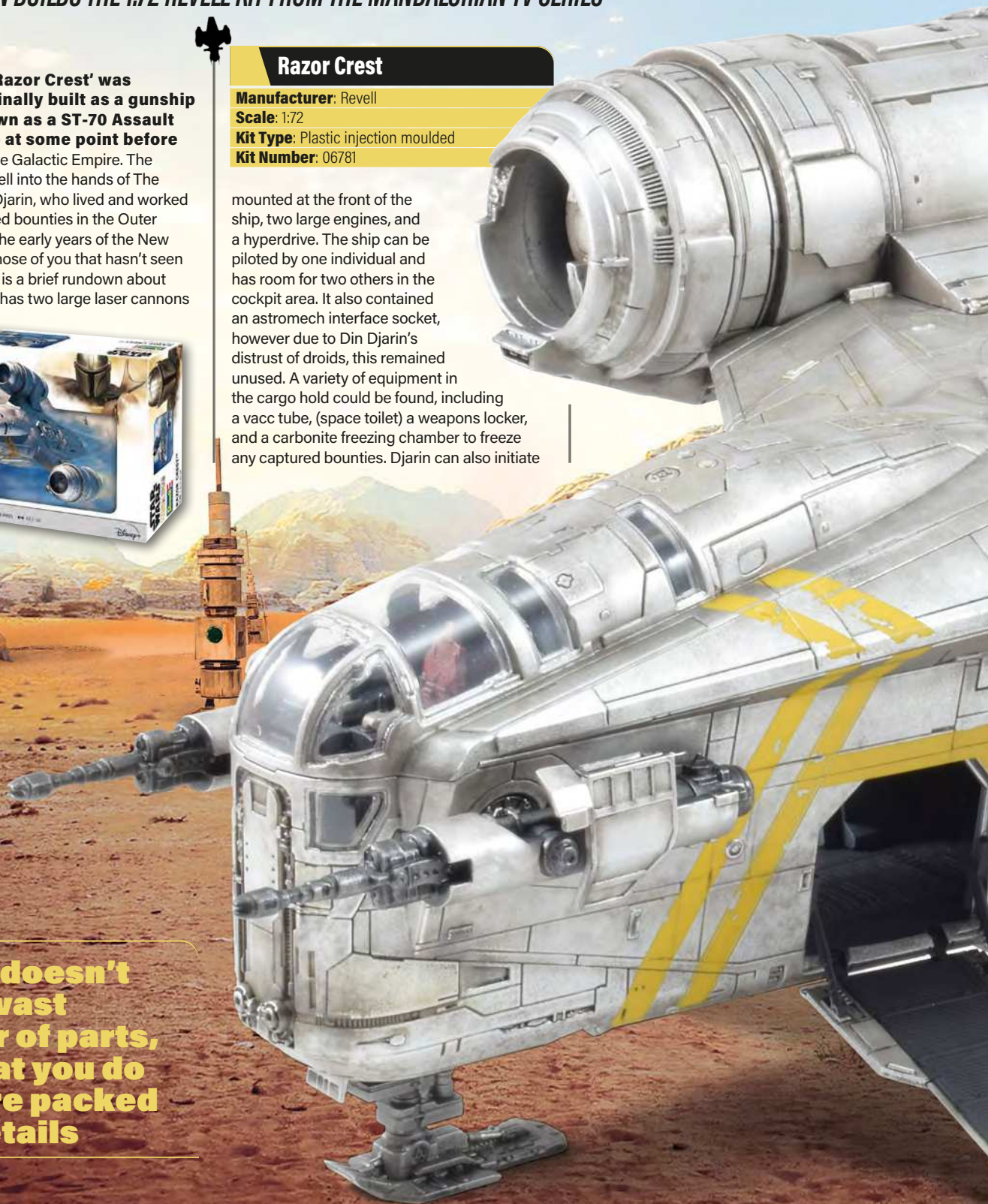
Scale: 1:72

Kit Type: Plastic injection moulded

Kit Number: 06781

mounted at the front of the ship, two large engines, and a hyperdrive. The ship can be piloted by one individual and has room for two others in the cockpit area. It also contained an astromech interface socket, however due to Din Djarin's distrust of droids, this remained unused. A variety of equipment in the cargo hold could be found, including a vacc tube, (space toilet) a weapons locker, and a carbonite freezing chamber to freeze any captured bounties. Djarin can also initiate

The kit doesn't have a vast number of parts, but what you do have are packed with details



The cockpit area
paints up very nicely



'ground security protocols' from inside the ship, providing a high degree of protection, and these were used extensively throughout the search for the child Grogu, and continued to use them in the quest to find Grogu's species. Finally, spoiler alert - the Razor Crest was destroyed by a single shot fired by Gideon's Light Cruiser during a skirmish on Tython.

THE PARTS

Anyway, I digress. So, enough of me geeking out to the TV series let's get on with the build. But first a look at what you get in the box. Here you are presented with some rather nicely moulded parts, and you can see that Revell has taken a lot of time researching the kit and replicating the many areas of the ship as close to the screen model as possible. It was also great to see a reasonably sized kit in 1:72 scale, which is always a bonus especially as I was planning to go all out during the weathering process. The kit doesn't have a vast number of parts, but what you do have are packed with details, and the way the ship assembles is quite well thought out. There was only one issue that I could see on my



The cannons and ramps ready for fitting

initial inspection of the parts, in that there was a small amount of rough texture on the rear of the top area aft of the cockpit area. However, that would be a simple fix.

COCKPIT

The first area to tackle was the cockpit, and this comprised of several parts, which made things a lot easier to paint separately and detail. The main interior was painted black, and the side walls and control panels were all detailed by picking out the many switches and buttons with a fine paintbrush. Also, there were several decals to apply, which really helped to bring the cockpit to life. The seats were painted with a red brown and glued on, and you also get a seated Mandalorian figure, which I chose not to add.

The engines are particularly well done

CARGO AREA

Next up was to work on the cargo area, and again this came as separate pieces that needed painting prior to assembly. All the parts were given the same treatment as the cockpit, painting up all the various panels and features in both the cargo hold and living quarters. Many features are 'screen accurate' like the vacuum tube, the weapons locker and the carbonite freezing chamber along with several hangers for the transport of the frozen bounties. With all the interior parts painted up these were put to one side while I worked on the rest of the build.

CANNONS

Breaking away from the instructions a little, I built up the two front cannons and both engine pods, as these would need a seam clean up once the glue had dried. While these were drying, I glued into place the two side sponsons on the lower hull and the undercarriage legs were also assembled ready for attachment later. The way that Revell have designed this kit means you can paint easily pre-paint all the main airframe parts separately and assemble them at the very end of the build. With sub-assemblies completed and primed, I could finally get some paint onto the model. As this would be a natural metal finish, I wanted to get that weather-beaten heavily stained piece of space junk looking just right. So, for the base colour I used an aerosol can



I used Alclad Metallics for the paintwork



Applying some weathering



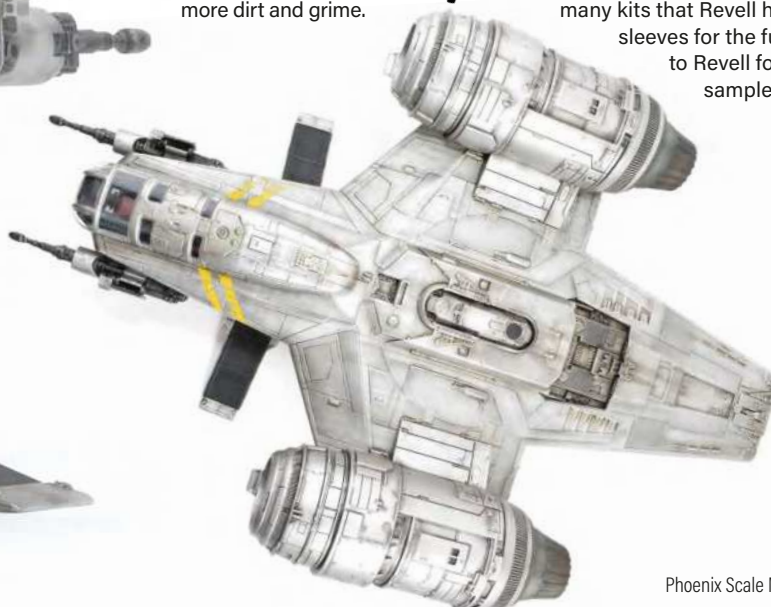
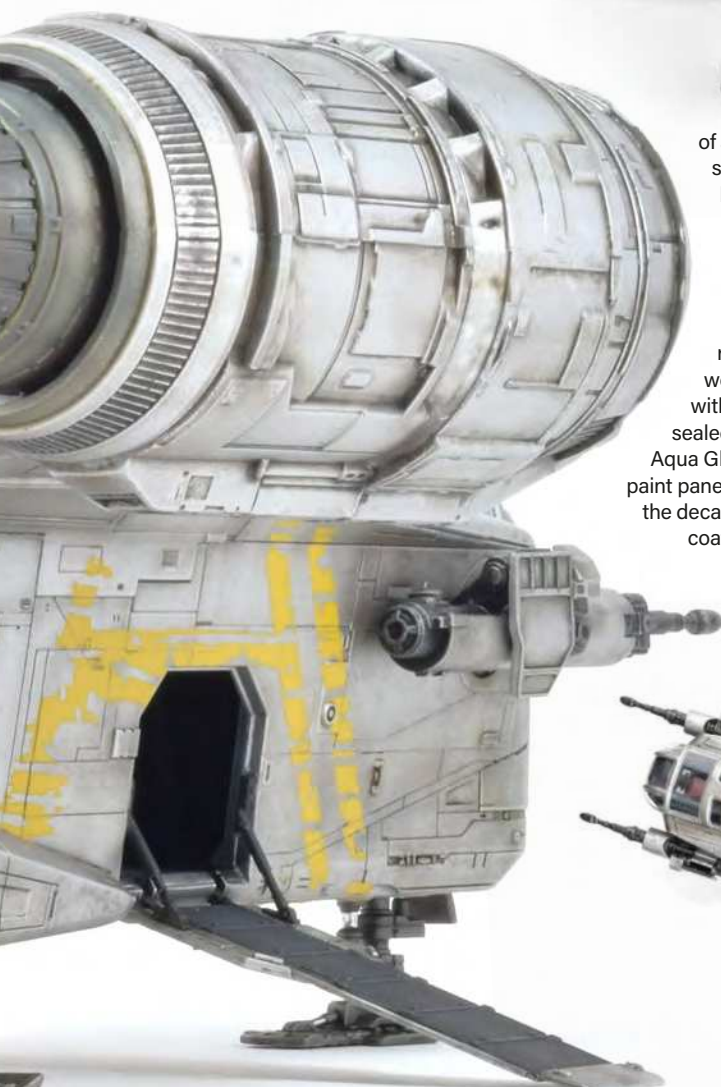
Adding the landing gear



Ready for final assembly







BRINGING IT TOGETHER

It was then time to bring everything together. The undercarriage legs were fixed into the locating holes, followed by the rear ramp and side doors. These were fitted prior to the interior being glued into the airframe. The upper portion of the fuselage had the two underside wing fillets glued into place before adding the large engine pods into the locating holes. Everything fitted like a glove! The upper section was then glued on top of the lower hull to complete the build. Finally, a satin coat was applied before a few more oil streaks were applied, and some engine soot was added to the relevant areas. Last but not least, the glazing for the cockpit was glued into place.

For me this had to be one of the most enjoyable builds I have done in a very long time, and as a huge fan of the entire Star Wars saga let's hope that this is the first of many kits that Revell have up their sleeves for the future! Thanks to Revell for the build sample. [modelling](#)

of automotive paint standard silver. This gave me a good base to apply various shades of Alclad Metallics. These were all applied freehand with my airbrush. One thing I like about modelling subjects like this is you can be a wild or as reserved as you like with the weathering! Once I was happy with the overall paintwork, I then sealed everything in with a coat of Aqua Gloss prior to adding some oil paint panel line washes. I then applied the decals, followed by another gloss coat to seal them in. Then a few dry pigments added a little more dirt and grime.

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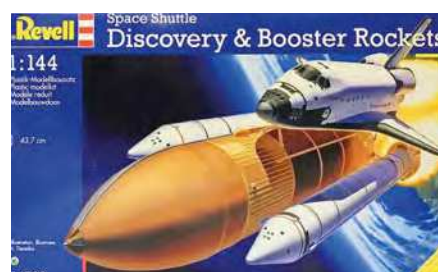
1:144 - MS-06F-2 Zaku II F2 HG 107 -

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MARITIME

79

MARITIME



80 TELFORD 2021
COMPETITION TABLE



Shipping Lane

A SELECTION OF MODELS FROM THE COMPETITION TABLES, SCALE MODELWORLD, TELFORD, 2021





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COMING SOON

FOR THE MARCH ISSUE OF PHOENIX SCALE MODELLING, HERE'S JUST A LITTLE TASTER OF WHAT WE HAVE IN STORE!

Judgement Day for the Harley-Davidson 'Fat Boy'

Mark Thomson builds the 1:16 Tamiya kit, as seen in 'The Terminator'



General Darg

Ian Gaskell paints the Creepytables bust

Massey Fergusson 2680

Eifion Davies builds the 1:24 Heller kit



The Pink Panther

Lee Powell builds the 1:35 Tamiya SAS Land Rover

The General Lee

Eifion Davies builds the 1:25 'Dukes of Hazard' Dodge Charger

Uzbek Fulcrum

Matteo Buzzo builds the 1L:32 Trumpeter MiG-29UB

Dark Reaper

James Ashton takes a look at the 1:32 HobbyBoss A-26C Invader



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F-104C Starfighter, 435th TFS, 479th TFW, Udorn, RTAFB

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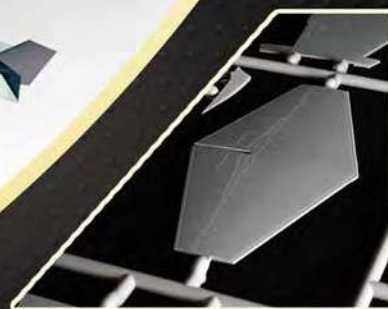
- Lockheed C-2 ejection seat
- Avionics Bay (behind the cockpit)
- Detail NLG wheel well
- Bulged tires
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There is no entry fee.

Trophies will be presented at 11.15 on Sunday in the Alcham Suite which is next to the Competition Area.

Gold, Silver and Bronze Awards and Commended Certificates can be collected from the Competition Area after 11.15 on Sunday.

Models may only be removed from the Competition tables after 15.00 on Sunday.

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Scale Modelworld 2021 **Competition**



Despite the on-going Covid threat it was a real bonus when IPMS Scale Modelworld got underway

on the 13th and 14th of November. Despite being a smaller show than in previous years, with little overseas traders or visitors, attendance was surprisingly and pleasingly higher than many expected. From the Phoenix stand it was just great to see friends both old and new and to once again be chatting about and looking at models and all their associated ephemera! So, for your delectation, we present a walk around of the show, and a look at the models on view as well as many of the winners in the various categories. We hope that the 2022 event will be back to full strength! [modelling](http://www.phoenixscalepublications.co.uk)











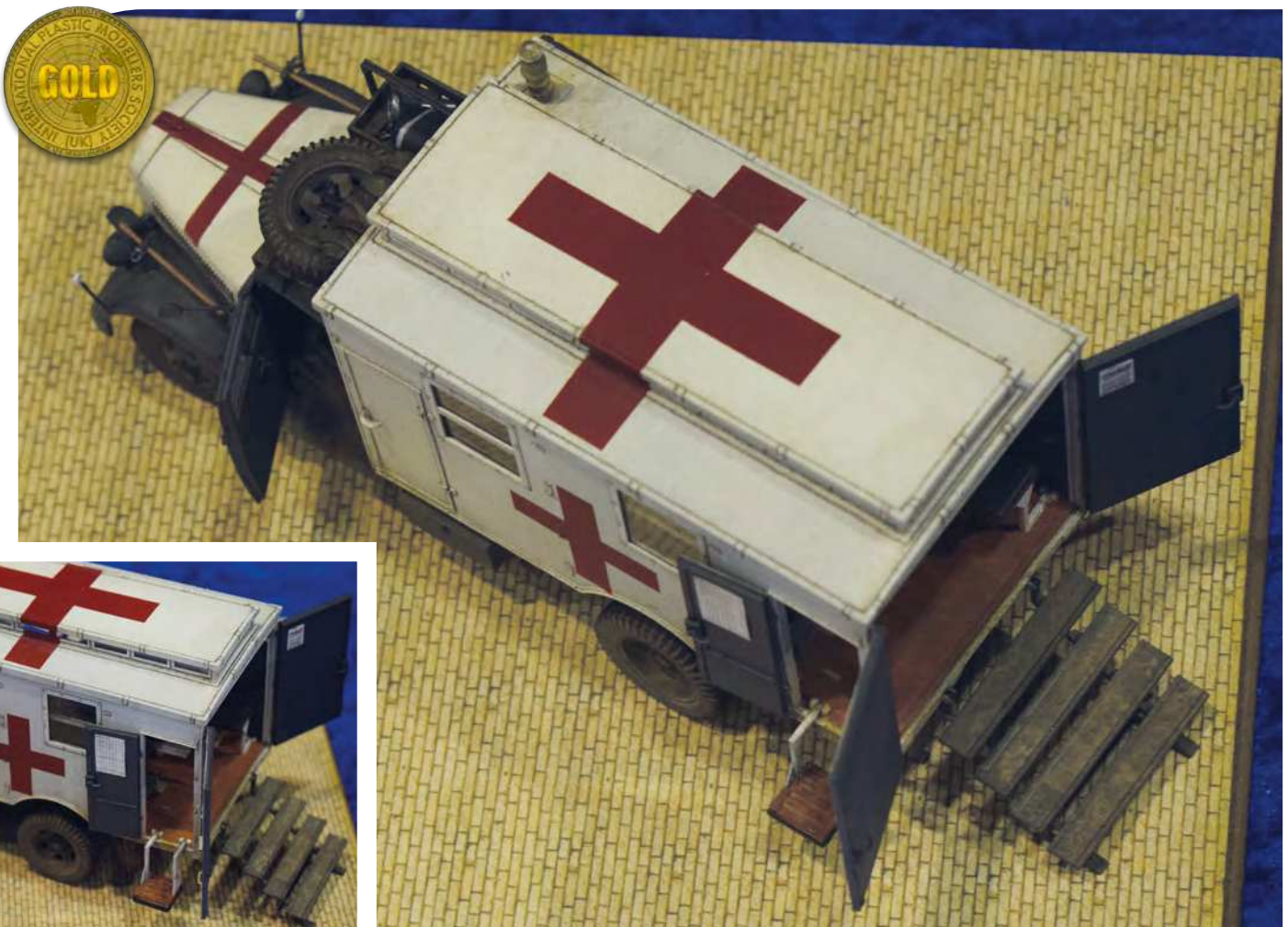
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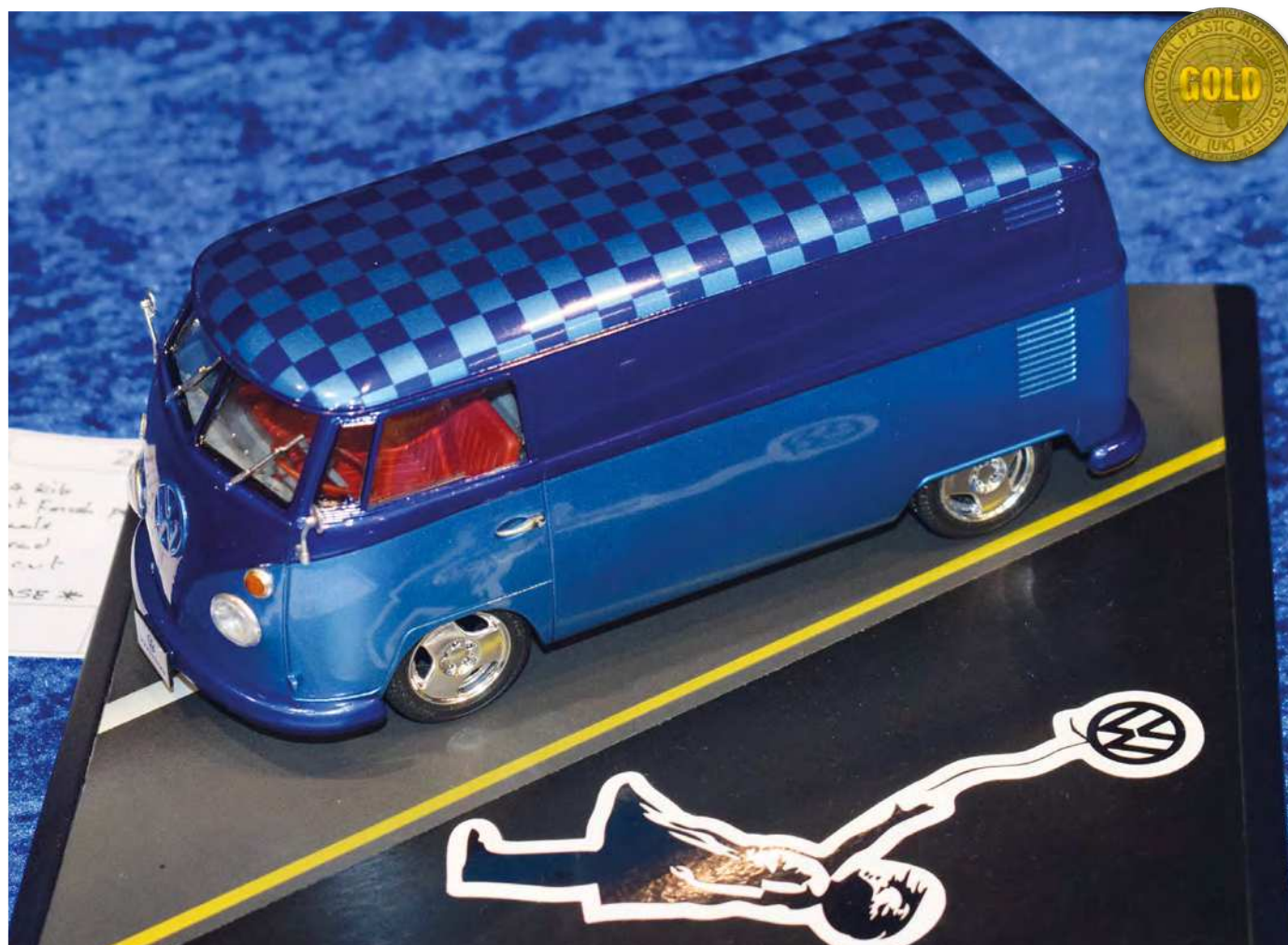
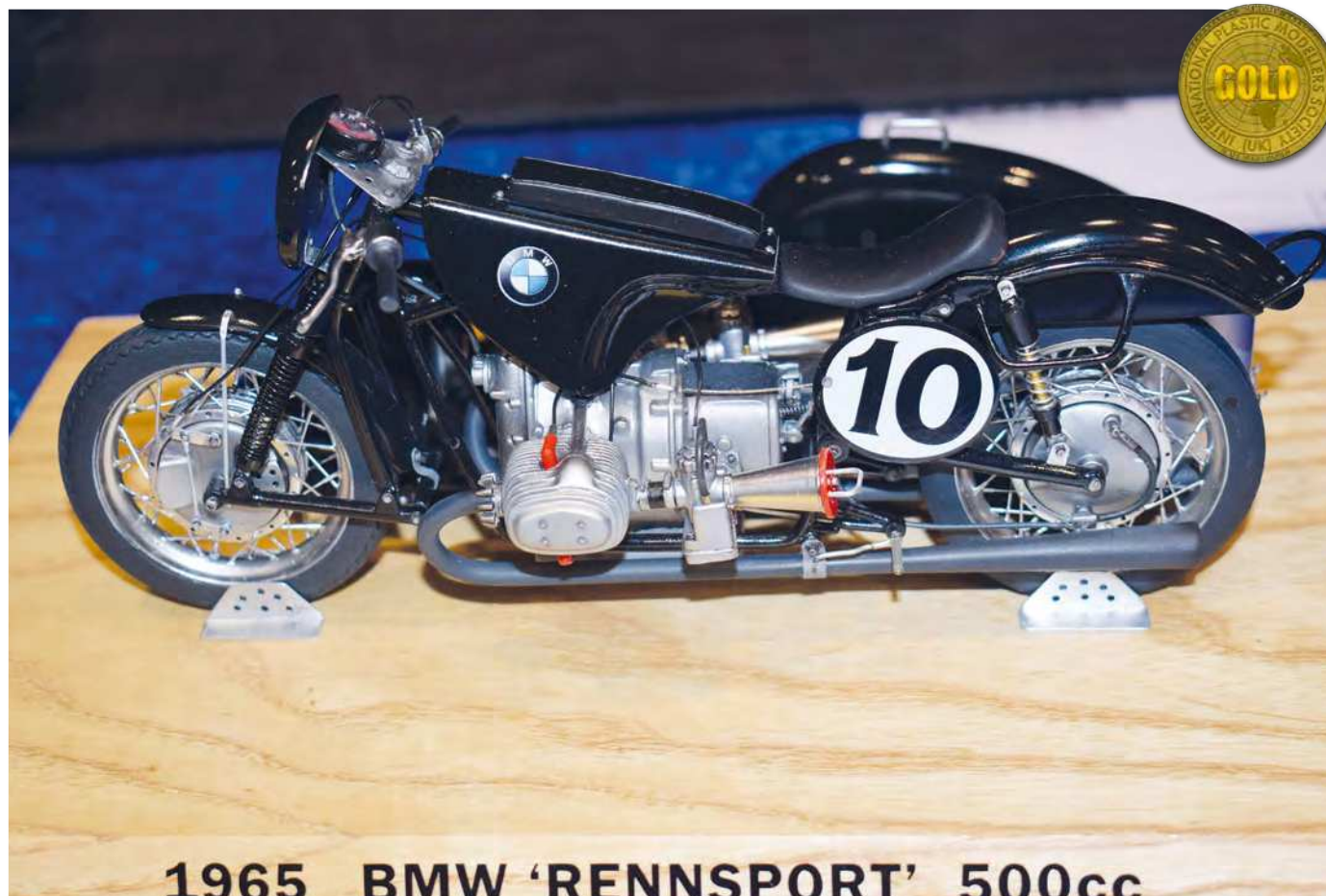














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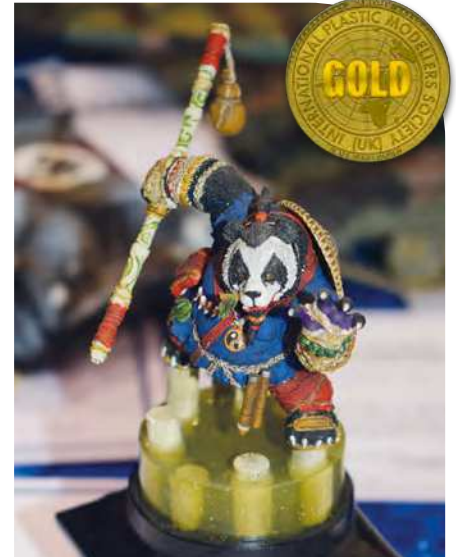


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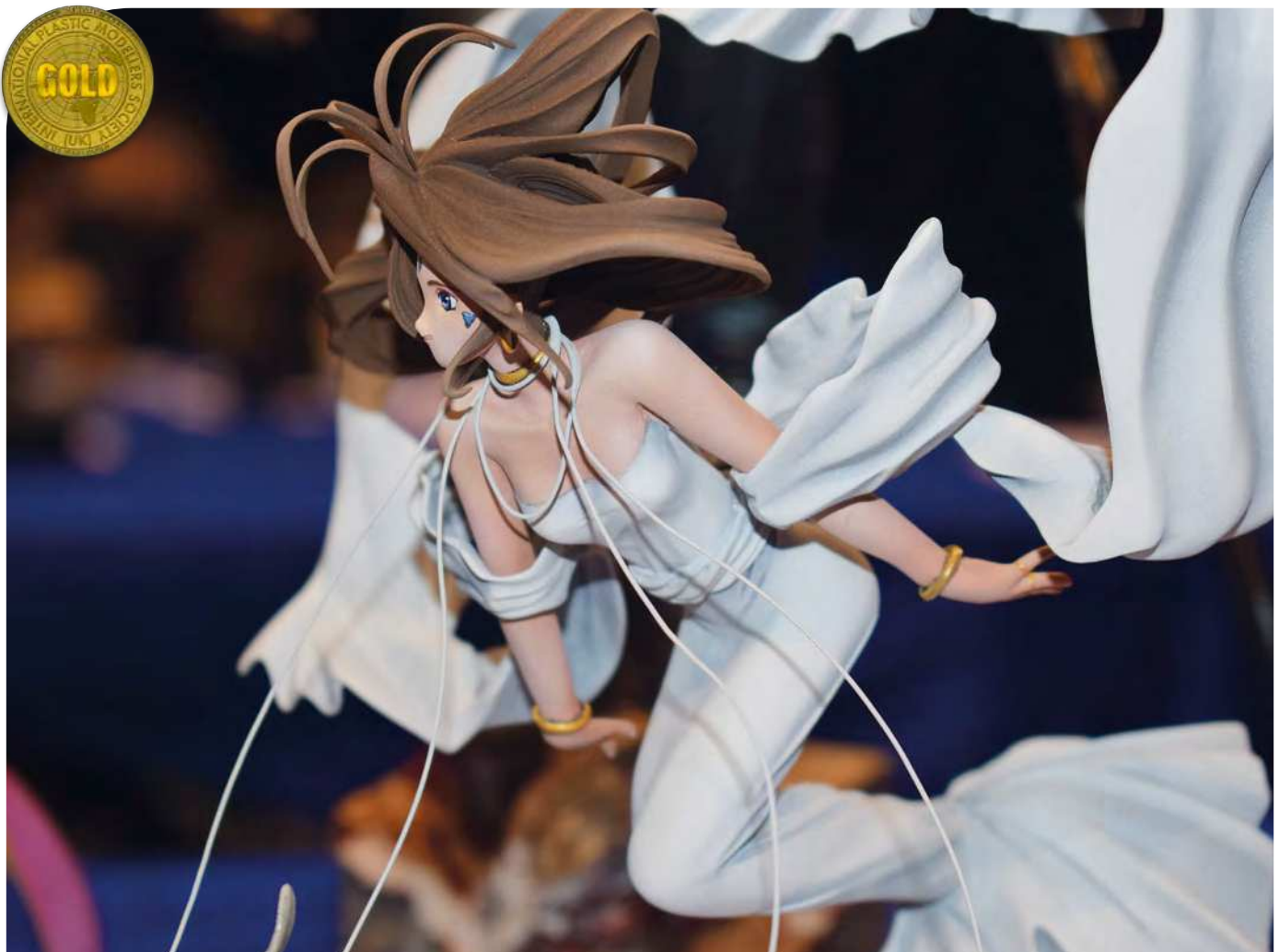
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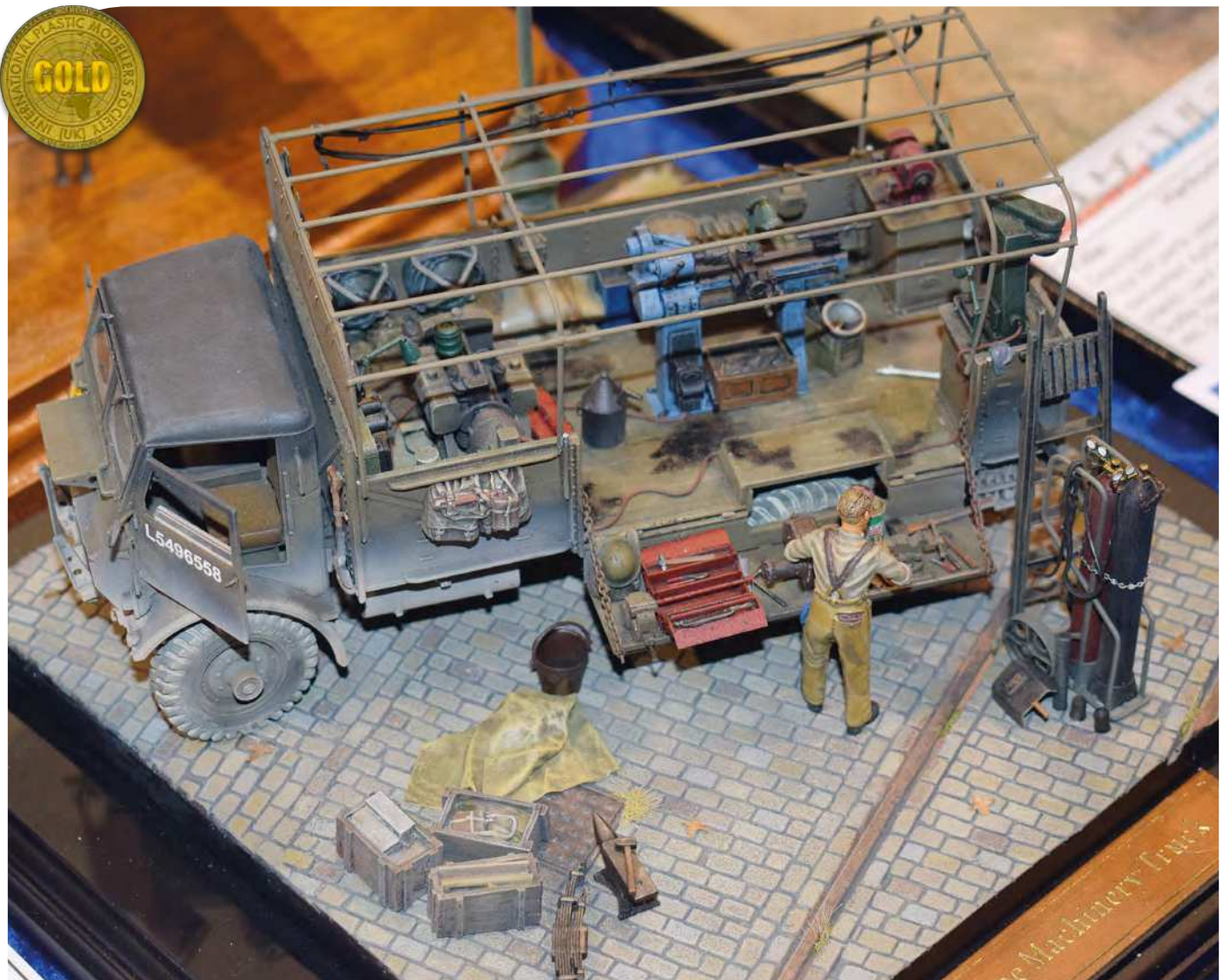
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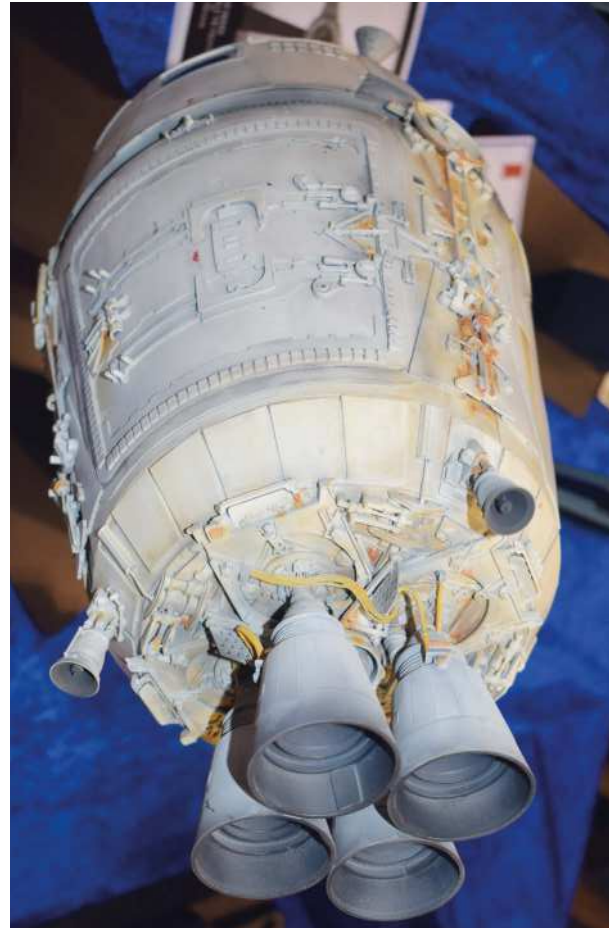


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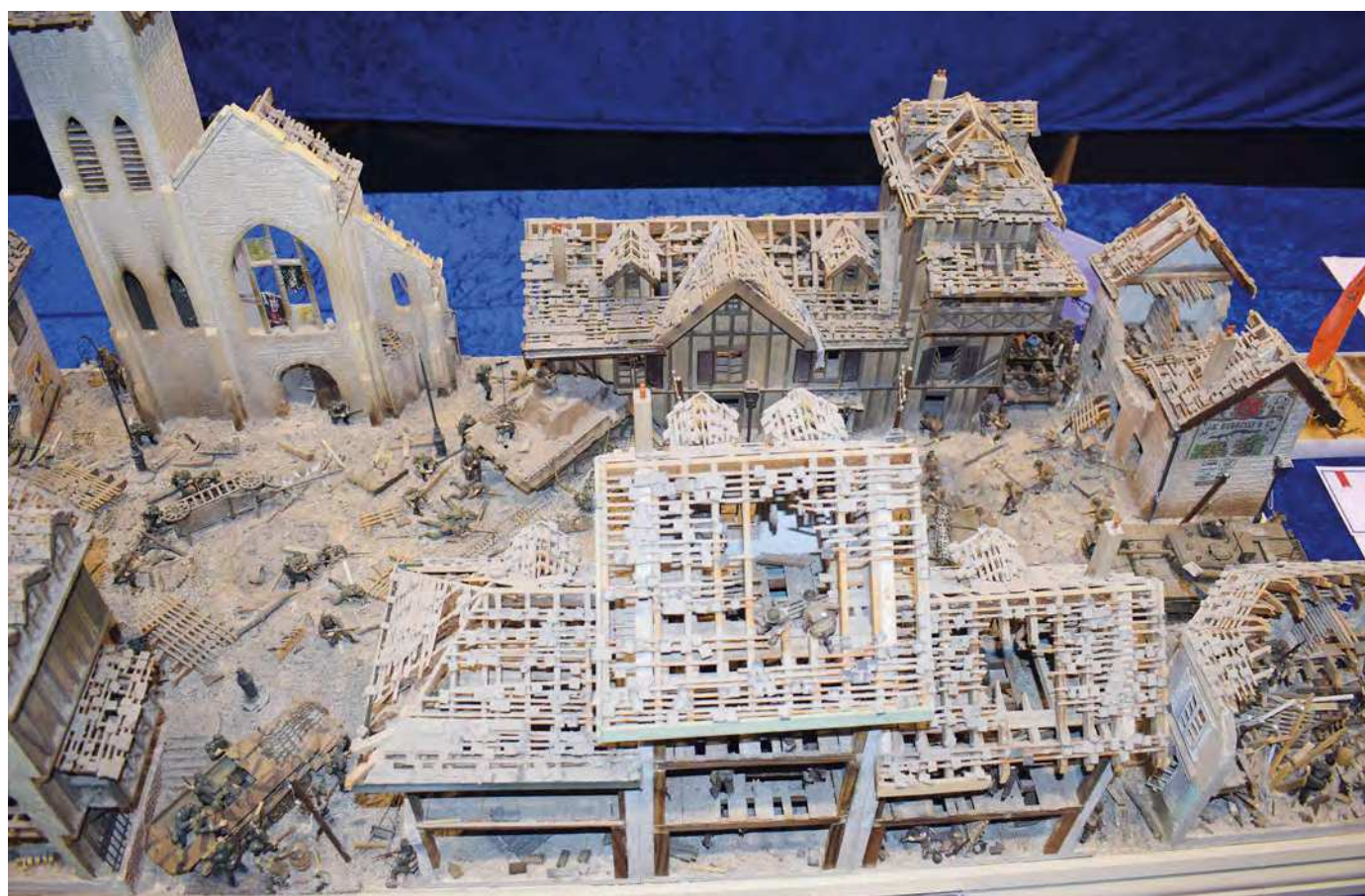
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PHOENIX SCALE
modelling







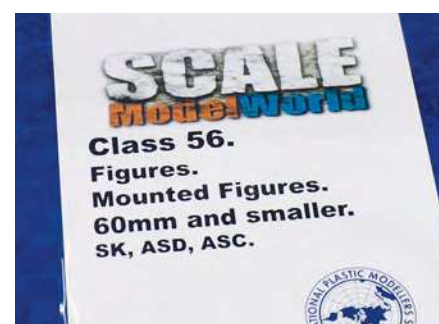




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PROXIMA SCALE
modelling







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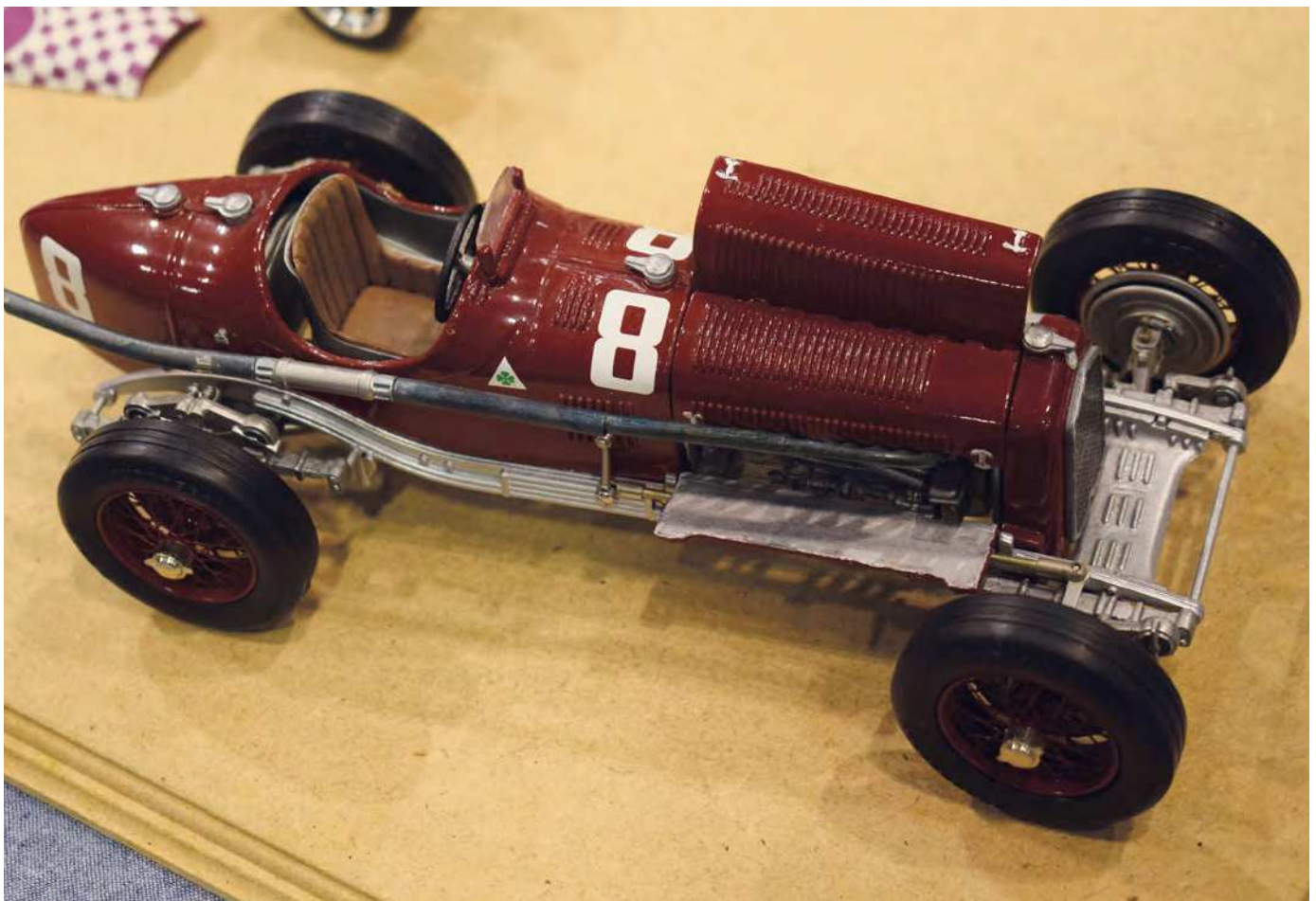
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Scale Modelworld Competition Tables and More!

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