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**Model
MAGAZINE**
INTERNATIONAL

**ISSUE
305**

March 2021
£4.60

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**THINK
PINK!**

TAMIYA'S 1:35 SAS
PINK PANTHER
LAND ROVER

Model MAGAZINE INTERNATIONAL

**SMALL IS
BEAUTIFUL**



**BUILDING AND
PAINTING TAMIYA'S
DELICIOUS LITTLE 1:72 BF109G-6**

INSIDE

**Kitty Hawk 1:35 SH-60B, Belkits 1:24 Peugeot 207
plus new kits, books and modelling accessories...**

**DOOLITTLE
MEDIA**



05

Panzerkampfwagen IV Ausf.F

1/35
SCALE



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14th Panzer Division,
Southern Russia,
Summer 1942



Sophisticated Short-Barreled Gun

1/35 Military Miniature Series

German Tank Panzerkampfwagen IV Ausf.F

(Item 35374)

In service throughout WWII, the Pz.Kpfw.IV was a durable servant to the German Army; its Ausf.F was the last variant to utilize a short-barreled gun: the L/24 7.5cm KwK37. Now, it is ready to enter the front line in your model collection too, as it joins the famed Tamiya 1/35 Military Miniature Series. This model showcases the sturdy form with angular hull lines, and realistic depiction of weld lines and tracks. Main gun breech and cartridge cases are succinctly yet accurately depicted. Also, three figures in realistic pose will add further realism to your model, and two marking options are included, to recreate Eastern Front vehicles. The combination of this model and Russian KV or T-34 tanks will produce powerful scenes!

★The sturdy form with angular hull lines and short-barreled gun is captured in style.
★Ausf.F features such as weld lines on the armor, and wider tracks are faithfully depicted.

Includes three figures
(commander, gunner
and loader) in uniform.



L/24 7.5cm KwK37 features elliptic cover.
Antenna guard also can be assembled.



5th Panzer Division,
Central Russia,
Summer 1942

Length: 168mm, width: 82mm

Details such as equipment
are accurately depicted.

Louver for
the tropics



Two marking options
are included, to recreate
Eastern Front vehicles.



Assembly type tracks have realistic center
guide sections, and one-piece straight
sections. A jig helps recreate upper run 'sag.'



Choose between two types of engine deck
hatch, with or without louver for the tropics.

1/35 Military Miniature Series Panzerkampfwagen IV Models



German Panzerkampfwagen IV Ausf.D



German Panzerkampfwagen IV Ausf.J



German Panzerkampfwagen IV Ausf.H
(Early Version)

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

TAMIYA, INC. 3-7 ONDWARA, SURUGA-KU, SHIZUOKA 422-8610 JAPAN www.tamiya.com ©2021 TAMIYA

Painting the Panzerkampfwagen IV Ausf.F

(Tamiya Color Lacquer Paints (LP))

- LP-27 German Gray
- LP-76 Yellow-Brown (DAK 1941)
- LP-73 Khaki



COVER STORY

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Building and painting Tamiya's fabulous Bf109G-6 Gustav in 1:72



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Tamiya's new kit releases for the early part of 2021



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Subscription rates for 1 year (12 issues) are:
Within UK: £47, Europe: £59, Worldwide/USA: £72

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Model MAGAZINE INTERNATIONAL

Issue 305 March 2021

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Tamiya's 1:35 SAS 'Pink Panther' Land Rover gets some modern weathering

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IN BRIEF...



TAMIYA

- 1:10 RC Reinforced Racing Tyres (Medium, 24mm/2pcs.)
- 1:10 RC M-Chassis 60D Super Radial Tyres (Hard/2pcs.)
- 1:10 RC Fire Dragon (2020)
- 1:32 Mini 4WD Penguin Racer
- 1:32 Mini 4WD Koala Racer GT

hobbyco.net

AIRFIX

- 1:72 British Paratroops
- 1:72 German Infantry
- 1:72 US Infantry
- 1:48 DeHavilland Vampire
- 1:48 Canadair Sabre F4
- 1:72 Handley Page HP42 Heracles
- 1:72 Hawker Tempest Mk.V
- 1:32 Jaguar 420

airfix.com

HK MODEL

- 1:32 Dornier Do 335 A-10 trainer

pocketbond.co.uk



ICM

- 1:35 WWII French Tank Crew
- 1:35 BM-13-16 on WOT chassis w/Soviet crew
- 1:35 Model T RNAS Armoured Car w/WWI British Tank Crew
- 1:35 FCM36 with French Tank Crew
- 1:35 Leyland Retriever General Service
- 1:32 Italian Pilots in Tropical Uniform

icm.com.ua

ITALERI

- 1:12 Lancia Delta Integrale

hobbyco.net

REVELL

- 1:700 Battle Set Hood Vs Bismarck 80 Years
- 1:350 British Legends HMS Dreadnought
- 1:225 Model Set HMS Victory
- 1:146 Model Set USS Constitution
- 1:144 Gift Set Space Shuttle & Boosters 40th Anniversary
- 1:144 Gift Set DAS BOOT Movie 40th Anniversary
- 1:144 Boeing 747-8F Cargolux LX-VCF 'Facemask'
- 1:87 Express Locomotive BR 01 & Tender
- 1:76 Humber MK.II
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- 1:72 Lockheed Martin F-22A Raptor
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- 1:72 PT-76B
- 1:72 Sturmpanzer 38(t) Grille Ausf. M
- 1:72 Sd.Kfz. 138 Marder III Ausf. M
- 1:57 Gift Set X-Wing Fighter & TIE Fighter
- 1:35 T-34-85
- 1:32 Gloster Gladiator Mk.II
- 1:32 BAe Hawk T-2
- 1:32 Bell UH-1D 'Goodbye Huey'
- 1:24 Gift Set VW T1 The Who (Magic Bus)
- 1:24 Gift Set Audi R10 TDI Le Mans & 3D Puzzle-Diorama
- 1:24 DLK 23-12 Mercedes-Benz 1419 F-1422 F
- 1:24 VW T2 Bus (easy-click)
- 1:24 1970 Pontiac Firebird
- 1:24 VW T1 Bus
- 1:24 VW T1 Dr. Oetker
- 1:24 Jaguar E-Type Roadster
- 1:24 Porsche Junior 108 (easy-click) FS Edition
- 1:24 MS Jaguar E-Type Coupe

revell.de



A MESSAGE FROM MR TAMIYA Plastic models are selling!

The worldwide Covid crisis has been devastating for many industries, but with ever more people working from home, traditional hobbies are on the rise. This has actually caused a slight problem for Tamiya, with demand outstripping supply for certain products.

"It [demand] has increased by more than 30% year-on-year. Production is not on time and there are not enough products worldwide," said Mr Shunsaku Tamiya, chairman of Tamiya. "I have been involved in plastic models for more than half a century, but I am surprised that models of ships I designed in my 30s and 40s are also selling. This is the first time for me". According to Tamiya, not only plastic models, radio-controlled models, and Mini 4WD, but also tool nippers, paints, adhesives, etc., are selling out and some are still in short supply. Mr Tamiya speculates "there are fewer people going out and many people have started making plastic models at home."

www.tamiyablog.com



FIRE STRIKES AT EDUARD

On December 19th last year, fire broke out on the second floor of Eduard's warehouse in Obrnice, Czech Republic, within the storage area for plastic sprues, destroying moulded parts for about 200,000 models. Fortunately, firefighters managed to restrict the conflagration to the upper floor, with one person taken to hospital with smoke inhalation. Eduard are now back up and running and TMMI wishes them the best of luck in their recovery from this frightening accident.

www.eduard.com

www.creativemodels.co.uk



NEW FROM TAMIYA

New tool 1:48 F-4B Phantom II

This big news from Tamiya is a brand new McDonnell Douglas F-4B Phantom II in 1:48! You can read more about this fantastic news in the 'Nuremberg' report overleaf...

www.tamiya.com www.hobbyco.net

NEW FROM EDUARD

1:48 Mustang Weekend Edition

The quick-build 'Weekend Edition' of Eduard's sublime 1:48 P-51D is

coming, complete with decals for the well known 'Stardust' aircraft.

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



COMING SOON FROM EDUARD

1:35 Photo-etched details

Tamiya's recently released 1:35 Marder I tank-destroyer gets a suite of brass add-ons to take this kit's superb detail even further!

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



NEW FROM UKRAINIAN SCALE CAR PRODUCTION

1:24 Porsche 550 spider

If you're a fan of James Dean you may or may not want to add this model to your collection, as it depicts the car in which he met his untimely end, in 1955. The model is a resin production with photo-etched details and it looks superb. A little experience with these materials will be recommended for the best result.

www.uscp-ua.com/



COMING SOON FROM REVELL 1:48 Lockheed SR-71 Blackbird

Revell are soon to launch their all-new Blackbird in 1:48 and it promises to be an amazing kit. Keep reading TMMI for more details.

(Photo shows real aircraft).

www.revell.de



NEW FROM AIRFIX 1:48 De Havilland Chipmunk T.10

Newly-tooled for 2021, this 1:48 kit of the RAF's standard trainer aircraft will delight many modellers around the world. www.airfix.com



COMING SOON FROM ITALERI 1:48 F-35B Lightning

Italeri have a new-tool F-35B Lightning II VSTOL version in the works. It's a big model that will measure well over 30cm in length when complete! www.hobbyco.net



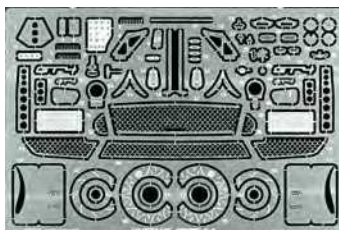
COMING SOON FROM REVELL New Star Wars releases

Revell continues to work with Bandai, which is great news for modellers! Next in line are the Y-Wing Starfighter and A-Wing Starfighter from the Bandai line. Revell are also to release their own 'Razor Crest' and 'Outland TIE Fighter' kits from 'The Mandalorian' TV series. (Please note, images not final). www.revell.de



NEW FROM REVELL 1:72 US Navy Swift Boat

The Vietnam War US Navy Swift Boat Mk.1 (PCF) is on the way in 1:72, another new-tool kit from Revell and an excellent subject choice (Please note, image not final). www.revell.de



COMING SOON FROM SCALE MOTORSPORT Mustang GT-4 carbon and etch

Scale Motorsport has produced a carbon-fibre decal set and photo-etched details (left) for Tamiya's 1:24 Ford Mustang GT-4 and the results are spectacular. More details in TMMI soon. www.scalemotorsport.com

NEW FROM TOP STUDIO 1:12 FW-14B superdetails

Designed for Tamiya's 1:12 Williams FW-14B, this multi-media superdetail set is quite simply spectacular. Some serious modelling skills will be needed to install it! More details at: www.hiroboy.com



NEW FROM HK MODELS 1:48 Memphis Belle

The famous B-17F Flying Fortress 'Memphis Belle' can now be built in modern-day kit form thanks to HK Models. This large model will come with a full interior plus markings for the 'Belle and one other machine. www.pocketbond.co.uk



COMING SOON FROM ZVEZDA

New from Moscow-based Zvezda is a set of WWII Soviet Assault Sapper Team figures in 1:72 and the sleek Airbus A320 neo in 1:144 SAS (Scandinavian Airlines Systems) livery. www.hobbyco.net

COMING SOON FROM EDUARD

- Brassin 1:32 Mk.20 Rockeye
- Brassin 1:32 AGM-45 Shrike
- Brassin 1:48 Messerschmitt Bf-110D Löök for Eduard
- Brassin 1:48 North-American F-6D/K Mustang Cockpit for Eduard
- Brassin 1:48 Messerschmitt Bf-110C/D Radio Equipment for Eduard
- Brassin 1:72 Let Z-37A Wheels for Eduard
- Brassin 1:72 Beaufort Mk.I wheels for Airfix

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



IT'S *NOT* THE NUREMBERG TOY FAIR!

No sauerkraut and sausages for TMMI this year, our annual visit to Bavaria was curtailed thanks to the Covid crisis causing the 2021 show's cancellation. But there's still plenty of fabulous new models on the way from Tamiya!

■ inevitably, the Nuremberg Toy Fair was postponed this year, but that didn't stop Tamiya announcing some fantastic new models for us all to enjoy. In 1:48, Tamiya have tooled-up for a brand new McDonnell Douglas F-4B Phantom II, one of the best known military jets of the Cold War era. In this new release, we have multiple options that include folded or extended wings, open or closed cockpit canopies, a refuelling probe that can be shown in the retracted or deployed modes, plus underwing stores. The model looks absolutely stunning and we will, of course, bring you more information plus a full-build article in later issues of TMMI!

NEW TOOL: 1:48 MCDONNELL DOUGLAS F-4B PHANTOM II (61121)

- Outer wings can be assembled folded or extended
- Open and closed canopy
- Extended or stored refuelling probe
- Missiles and drop tank
- Multiple marking options including VF-51 in the Vietnam War





Please note: photos show an early-development test model which is subject to change in the final-release version



SCALE CAR MODELS

Tamiya launched the 1:12 Datsun/Nissan Fairlady 240ZG in 'Safari Rally' form in 1972 and the standard street car in 1973. Now, we will soon have a 100% new kit of this iconic Japanese sports car in 1:24! The new release follows the 1:12 model in having a fully depicted replica of the engine under a hinged bonnet. Thoughtfully designed wheel parts feature separate, plated components for the creation of an immaculate, paint-free finish.

Tamiya's 1:24 1989 Sauber-Mercedes C9 was released back in 1990 to much acclaim, many modellers being instantly hooked by the stunning box-top artwork that showed the engine and cabin detail through the transparently painted bodywork. That original kit has become somewhat of a collector's item in the years since its launch, but now everyone can enjoy it again thanks to this revamped re-release. The new edition will come with photo-etched parts for the seatbelt buckles, engine heat shield, intercooler matrix and more.

NEW TOOL: 1:24 NISSAN FAIRLADY 240ZG (24360)

- Full engine and hinged bonnet
- Metal-plated parts for window frames and headlight cover frames
- Separate plated trim for wheel covers for paint-free finish



RE-ISSUE WITH ADDITIONS: 1:24 1989 SAUBER-MERCEDES C9 (24359)

- Photo-etched parts for intercooler, oil cooler, engine bay heat shield, wingtips and belt buckles plus seatbelt stickers
- Highly detailed five-litre V8 twin engine
- Decals are included to depict any of the No.61, 62 and 63 cars from 1989



BUILD A LEGEND

Announcing Scale Motorsport's Re-Release of the 935 Super Detail Kit



Get The Full Story At:
www.scalemotorsport.com

Engine Built by: Pete Johnson
Photographed by: Doug Whyte

RADIO CONTROLLED MODELS

In 1:14 RC, Tamiya will soon launch the first 8x4 tipper truck in the series in the form of the Mercedes-Benz Arocs 4151. The model's main feature is the huge tipper body which can be controlled by transmitter with the installation of the separately-sold Actuator Unit (56545). Fantastic detail all around!

NEW VERSION: 1:14 RC MERCEDES-BENZ AROCS 4151 8X4 TIPPER TRUCK (56366)

- Features a brand new truck bed section comprised of metal subframe for durability
- Both front axles are steered, via a single servo. Wheels turn realistically at slightly different angles
- Roof features light pods on the visor which can be fitted with LEDs for a realistic finish
- TR electric motor (35T) provides twin rear axles with more than enough power to carry loads in the truck bed
- Use with separately-sold MFC-03 (Item 56523) (or MFC-01, Item 56511) for realistic lights and sounds



In 1:10 RC we have a range of models that will appeal to modellers of all tastes, from the sleek Ford GT MkII to the funky little Comical Hotshot on the GF-01CB chassis.

1:10 RC

- Opel Calibra (TA02) (47461)
- Thunder Dragon (47458)
- Top-Force Evo (47470)
- The Grasshopper II Black Special (47471)
- RC Comical Hotshot (GF-01CB) (58685)
- 2020 Ford GT MkII (TT-02) (58689)
- Landfreeder Quadtrack (TT-02FT) (58690)
- Mercedes-Benz Unimog 406 Series U900 (CC-02) (58692)



MILITARY SCALE MODELS

Tamiya's original 1:35 Sd.Kfz.2 Kleines Kettenkraftrad was issued back in 1973 and still makes for a fun build. Since those days, moulding technology has evolved to the point where a new kit of this interesting World War Two tractor can offer improved detail and refinement, so Tamiya have created a 100% new model that will come with a trailer and three newly sculpted figures. It's small but spectacular and is certain to appeal to modellers of military subjects from this era.

Following the release of the nearly-new 1:35 Panzerkampfwagen IV Ausf. F last year, Tamiya's designers have made further modifications to create the Ausf.G version of this ubiquitous WW2 German medium-tank. Markings are provided for the Eastern Front and the North African desert.



NEW TOOL: 1:35 GERMAN SD.KFZ.2 KETTENKRAFTRAD MID-PRODUCTION (35377)

- Assembly type tracks have one-piece straight sections
- Engine hatch can be assembled open or closed
- Photo-etched parts for grille with bending-jigs
- Includes a trailer with depiction of canvas cover
- Driver and infantry figures (three total)



REVISED TOOL: 1:35 GERMAN TANK PANZERKAMPFWAGEN IV AUSF. G (35378)

- Long-barrelled successor to the Ausf.F
- Three figures with rolled up sleeves and one figure in standard uniform
- Decals for North African and Eastern Fronts



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



Rampstift

- German WWII bomber Dornier Do 17Z in Z-1, Z-2, Z-3 and Z-5 subvariants
- Plastic parts by ICM
- Photo-etched details and painting masks
- Eduard Brassin wheels and floatation devices for Z-5 subvariants

LIMITED EDITION



Do 17Z-1, 5./KG 3, Heiligenbeil, Germany, 1939



Do 17Z-2, WNr. 1160, 7./KG 3, St. Trond, Belgium, August 1940



Do 17Z-2, WNr. 2555, 8./KG 76, Cormeilles-en-Vexin, September 1940



Do 17Z-5, WNr. 2787, 1./KG 6, Lannion, France, October 1940



Do 17Z-2, 3./KG 2, Athens-Tatoi, Greece, May 1941



Do 17Z, 7./KG 3, Wjazma, Soviet Union, Winter 1941



Do 17Z-2, 10./ZG 26, Castel Benito, Libya, 1941



Do 17Z-3, flown by vänr. Olli Kepsu, 2/LeLv 46, Linnunniemi landing ground, Finland, February 1942



FULL-BUILD: GOLD-WAR MILITARY VEHICLE
TAMIYA 1:35 BRITISH SAS LAND ROVER PINK PANTHER ● KIT NO.35076

THE RINKY-DINK PANTHER

ISN'T HE A PANTHER EVER SO PINK?



Kev Smith rescues his classic Tamiya 1:35 SAS Land Rover from the 'shelf of doom' and brings it up to date with an Eduard photo-etched set and a paint/weathering finish in the modern style



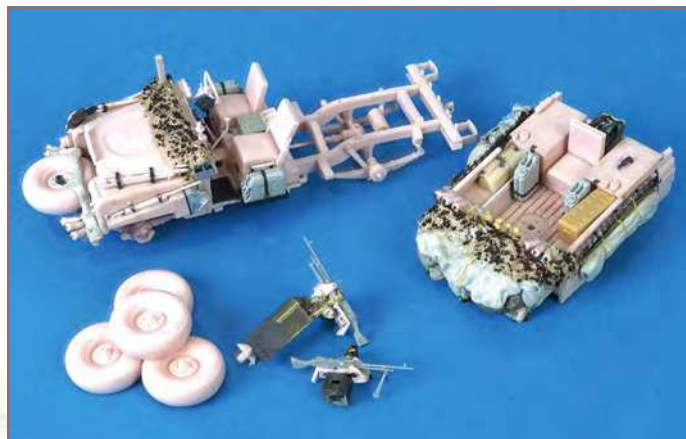
The SAS is legendary amongst the world's elite armed forces. Their equipment is equally specialised, none more so than the Pink Panther Land Rover. A total of seventy-two 'Panthers' were built in 1968. The conversion from the standard Series IIa long wheelbase Land Rover was overtaken by Marshall of Cambridge, with the type seeing service around the world, most of note is Oman. By 1987 the type was being replaced by the 110 Land Rover Desert Patrol Vehicles with the more powerful V8 engine, as used in Gulf War 1.

EDUARD'S IMPROVEMENTS

The kit starts off with the building up of the chassis. I didn't bother adding any detail to this area, as it would not be seen by the casual observer. So, this part of the build is straightforward and presented no surprises. Next came the front of the Land Rover and this is where the build starts to get interesting. Firstly, the smoke dischargers had extra details added from the Eduard photo-etched set. This was in the way of new mounting plates and the

chains for the tube rubber caps. Also off the etched fret is the front grill. This alone goes a long way to adding finesse to the finished model.

The tripod and pioneer tools get the same treatment with details added from the fret. I improved the SLR rifle pouches mounted on the left and right wings, with the addition of thin metal foil to replace the canvas covers and two straps from the etched set. The other area to receive a breath of fresh air were the jerrycans, the out-dated kit items being replaced with jerry cans from the Italeri accessory set (No.402). The drivers /commander's area was next. Here, the floor received a new non-slip plate and new foot pedals. Dashboard dials and a new sundial were a welcome addition from the Eduard set. Another nice touch is a new radio set. Further improvements included the addition of a scratch-built cam net, this would replace the supplied item. A rolled tarpaulin and a smaller net were draped over the spare wheel that is attached to the front of the vehicle. A rope was hung from the towing eyes on the front bumper finished this area off nicely. ▶



The sub-assemblies ready for painting

FULL-BUILD: GOLD-WAR MILITARY VEHICLE

TAMIYA 1:35 BRITISH SAS LAND ROVER PINK PANTHER ● KIT NO.35076

❶ Next came the rear and the crew area. There was not a lot to add here really, only a handful of details were added to give the vehicle that lived in look. These include scratch built jerrycan holders cut from thin metal sheet, and these were mounted to the body above the wheel arches to the left and right of the gunner's station.

7.62mm ammo boxes were sourced from the internet and were placed in a logical position. Other additions were a scratch-built ground sheet and tarpaulin: both were cut from thick paper, folded, painted and secured into place with super glue. Other items of stowage were added from the spares box. Moving to the exterior areas, and Eduard came to the rescue again with beautify rendered sand channels that

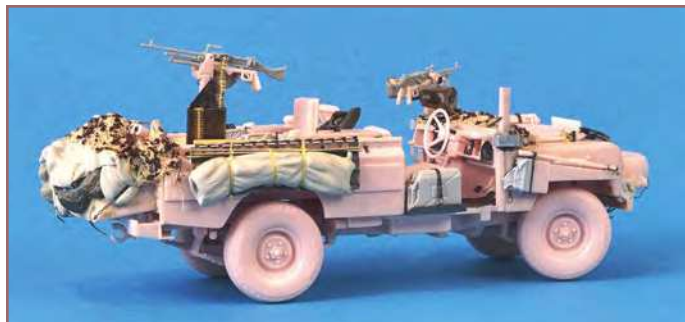
hang off hooks attached to the rear wings. Finally, the large stowage rack that appears on the back of these Pink Panthers was addressed.

After a quick search on the internet, it came apparent that there is a bar that runs across width of the rear of the compartment above the tail gate which the crew attach various items of stowage to. This was cut to length from of appropriately scaled brass rod and fitted to scratch-built fixings that were cur from plastic card. I opted to replace the kit supplied canvas cover as this part is too solid and an unrealistic appearance. I started with sourcing two resin Bergens from the spares box, these were hung from the bar using Tamiya Tape to replicate the straps.

I also sculpted a number

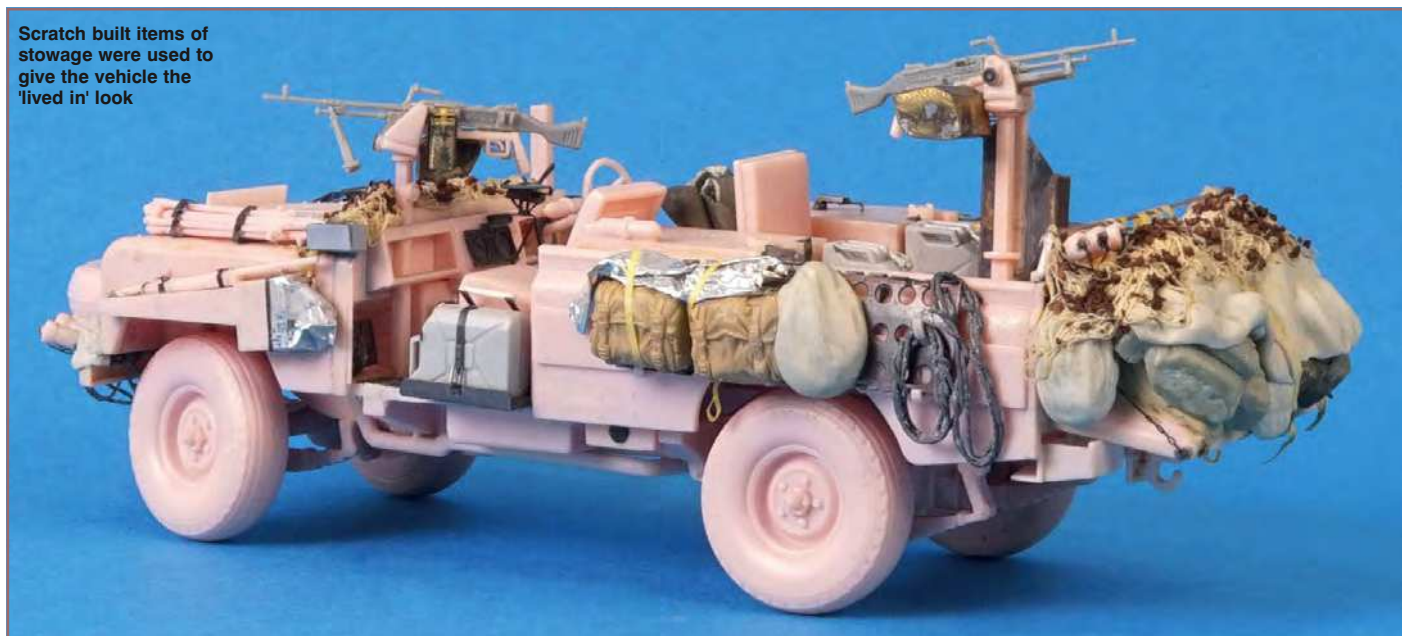


The pink Panther looking resplendent in its birthday suit. The pink colour can be off putting compared with the normal colours of plastic of AFV models



The pink Panther looking resplendent in its birthday suit. The pink colour can be off putting compared with the normal colours of plastic of AFV models

Scratch built items of stowage were used to give the vehicle the 'lived in' look



Mini Review...

MINIART 1:35 GERMAN ROAD SIGNS
WW2 FRANCE 1944 (35600)
www.miniart-models.com
www.creativemodels.co.uk

The clue to what's in the box is in the name of this new product from Ukrainian manufacturer, MiniArt. In side we have three sprues of grey polystyrene mouldings that provide around twenty different sizes and shapes of signboard (two sprues) plus another that carries the support poles (including a telephone pole), all with convincing wood textures. A sheet of decals provides the signs themselves and they are nicely toned down to a scale finish. Very useful indeed!





Camouflage nets fabricated from commercial netting combined with PVA glue and tea-leaves is a great way to add realism to the model



The rear gunner's seat is situated between two large long range fuel tanks. Some seat cushions were left the original state whilst others were painted completely pink. This inevitably would flake off and reveal the original material



Two fuel jerry cans were added to the rear of the vehicle, along with their scratch-built frames. Not only used to replenish the fuel tanks, they could be used to destroy the vehicle to deny it to the enemy. The 7.62 Ammo boxes were sourced from the internet



Once placed into position, and fixed in place with AK Gravel and Sand Fixer, fine dried soil is very effective as a final weathering effect

“For ease of painting, the model was left in the three natural sub-assemblies....”

of items of stowage from AB two-part putty. The finished items were then hung off the rear and sides of the Land-Rover. Whilst the putty was out, the opportunity was taken to role a new canvas cover from a ball of the putty and placed over this busy area, a second scratch-built cam net was draped over the top of the cover, the addition of which finished this area off nicely. The GP MGs are for me the weakest area of the kit. The butts don't look right at all. I managed to source the ones on the Pink Panther from Dragon figure sets of US Marines (3027). These are far superior to the kit items on offer.

PRETTY IN PINK

The painting of the vehicles would vary, with some painted in the NATO green and black pattern, whilst the majority were painted sand pink. The application could vary from vehicle to vehicle but generally the whole Land Rover, including most of the underside and under the bonnet was painted, only the lights, number plate, instrument dials and weapons would escape. On some vehicles the seats were painted, others were seen without paint and some with just the seat backs painted. The tyres were often left unpainted but it wasn't uncommon to see the sidewalls painted pink.

For ease of painting, the model was left in the three natural sub-assemblies. First an undercoat of AK Interactive Grey Primer and Microfiller thinned with Mr Colour Leveling Thinner was sprayed onto the model and left to harden for twenty-four hours. Next, the base coat was applied. I used Tamiya X-17 Pink with a touch of Tamiya XF-57 Buff. After three light coats were applied I was happy with how the sub-assemblies were looking, so I could start with the highlights. This time X-17 was used to lighten the central areas of all the panels, leaving a subtle showing of the base coat. Next came the second and

final pass with the airbrush. This was done in the same way as the first, using a mix of X-17 and a touch of XF-55 Deck Tan to blend the prior layers.

With all the spray-work completed, the next stage was to use different shades of pink, mixed from red and buff oil paints to apply subtle filters to selected areas of the model. Scratches and scuffs were also applied to selected areas with the same mix. Adam Wilder's Light Grey Textured Earth and Light Dry Mud was used to weather the underside, the lower areas of the vehicles body also received a restrained amount of weathering. A

FULL-BUILD: GOLD-WAR MILITARY VEHICLE

TAMIYA 1:35 BRITISH SAS LAND ROVER PINK PANTHER ● KIT NO.35076



Wilder Textured Earth was laid down first with an old brush. This was over laid with Dry Light Dry Mud until the desired effect was reached



The mud effect was gradually built up using an old brush

last pass of XF-57 to subtly blend the upper surfaces of the Land Rover with lower chassis lingering slightly longer around the wheel arches where logically dust would collect. After a final inspection of the work so far, it was time to move onto the final stages.

FINISHING OFF

With the majority of the paintwork complete, all that remained to be done was the detailed painting. The seats were sprayed pink with the rest of the model. I did contemplate painting the seat cushions with a dark

green to break up the overall one colour of the Land-Rover but decided that there would be enough disruption once the stowage had been painted. So, I opted for the worn look. I used Abt 502 Starship Filth oil paint, this lightly drybrushed onto the cushions, and repeated until I was satisfied with the amount of wear. The remainder of the packs and tarpaulins were picked out in differing shades of green to add a bit of contrast to the rest of the model.

Moving onto the rear of the vehicle, fuel stains were applied by hand to

around the fuel caps. Fine dried mud was placed onto the floor particularly in the corners, and to the bench area of the rear crew compartment once I was happy that the soil was in the correct position a couple of drops of AK Gravel and Sand Fixer would be sufficient to fix the soil deposits in place. The lights and indicators were the very last details to be painted. Two SLRs were taken from the Italeri Modern Light Weapon Set (6421) to complete the commanders/driver's station.

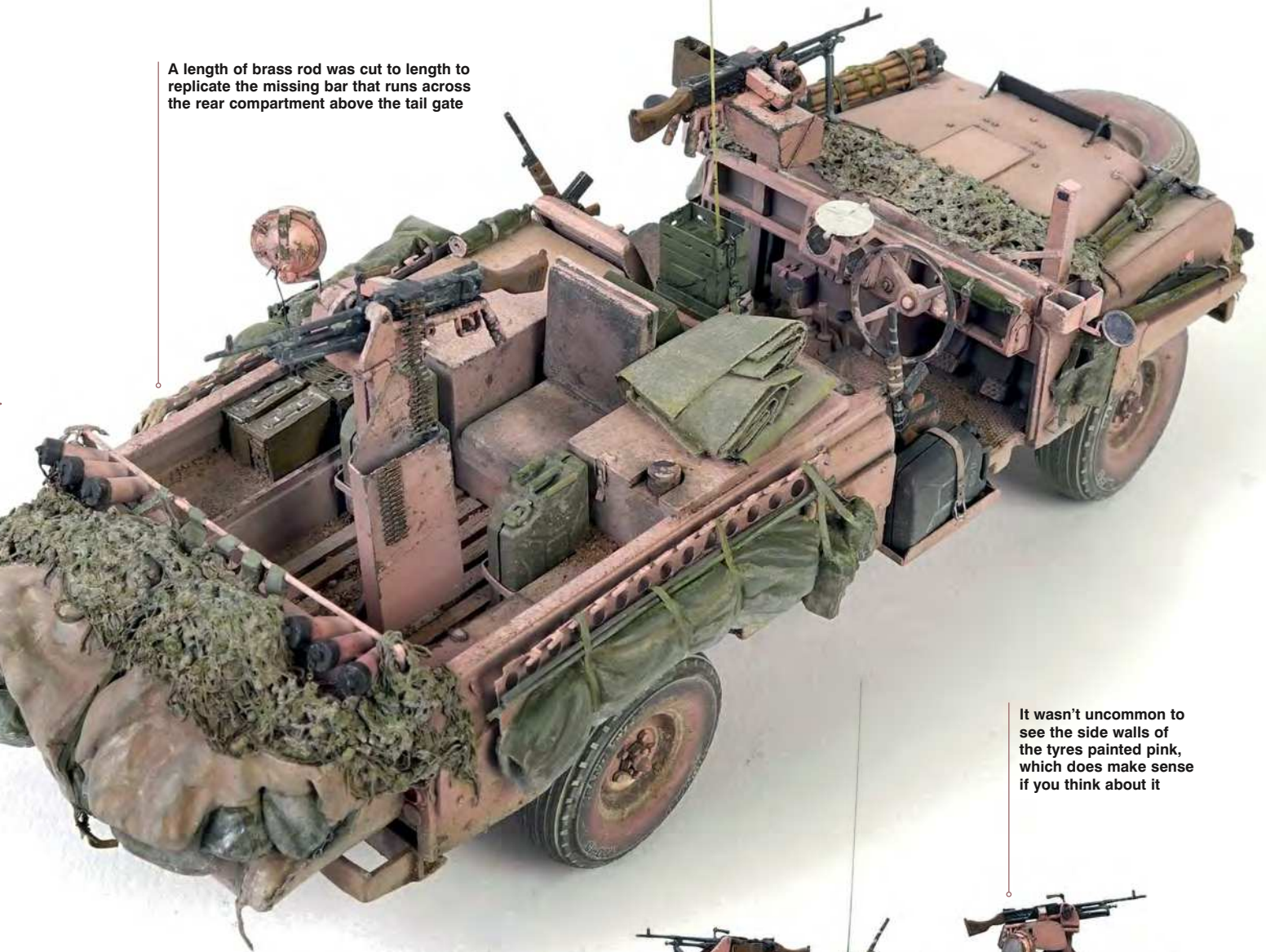
CONCLUSION

This model was on my shelf of doom for more years than I care to remember, due mainly to a house move. But I have to say that I really have enjoyed getting this gem of a kit back onto my modelling bench which proved to be a refreshing change from my normal diet of WWII armour. Built from the box, or as I have done, and used aftermarket products combined with a little help from the spares box the model builds into a cracking model that the modeller can't go wrong with. ●

The author opted to re-work the rear stowage shelf as the provided item was too solid and unrealistic



A length of brass rod was cut to length to replicate the missing bar that runs across the rear compartment above the tail gate



It wasn't uncommon to see the side walls of the tyres painted pink, which does make sense if you think about it



A subtle over spray of XF-57 Buff was used to blend the chassis of the vehicle with the upper areas

FULL-BUILD: GOLD-WAR MILITARY VEHICLE

TAMIYA 1:35 BRITISH SAS LAND ROVER PINK PANTHER ● KIT NO.35076



Before the introduction of GPS the good old sun-compass was the most reliable way of navigating across a barren and featureless desert

TECHSPEC...

TAMIYA 1:35 BRITISH SAS LAND ROVER PINK PANTHER KIT NO.35076

Materials:

Injection-moulded polystyrene, synthetic rubber tyres, waterslide decals

Paints used:

Tamiya Acrylics: X-17 Pink, Tamiya XF-57 Buff

Accessories used:

Eduard: photo-etched Land Rover SAS (35754)

Availability:

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

“Tamiya’s venerable Pink Panther Land Rover can be brought up to date with added stowage and the variety in the positioning of the equipment is endless as crews ‘personalised’ their vehicles to suit their needs...”



These vehicles were typically piled high with stowage and this one is no different

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FLIGHT OF THE BUMBLEBEE

The roar of an aeroplane engine picked up our little bodies and simultaneously, my friends and I were running to the nearby airfield outside our town. We watched with fascination a large, yellow-orange bird hovering in the white clouds above the field. It was a 'crop duster' and the dream of many little boys came true. So, I just had to build a model of this aircraft!

Michal Sudek builds Eduard's all-new 'Bumblebee' in 1:72...



FREE



Zlín Z-37A-2 Cmelák at Ceske Budejovice-Hosin, LKHS, Czech Republic, August 2008
Photo by Peter Bakema

The Zlín Z-37 Bumblebee is a single-engine, low-flying aircraft developed as an agricultural sprayer, which has found a place in many other areas and countries. The first prototype took off on June 29th, 1963. The power unit consisted of a modification of a Soviet engine. The engines were modified from the original AI-14 to M-462RF with an output of 206kW in the Avia factory. The aircraft began to be mass-produced in 1965 and its production in various versions lasted until 1984. A total of 713 units were produced.

BUILDING EDUARD'S NEW KIT

The box contains two models of the aircraft, some photo-etched parts, a decal sheet offering twelve options, canopy masks,

assembly instructions and a resin figure of a pilot. The parts are cleanly moulded, provided with detailed engraving and riveting. Decals made by the Eduard company with self-adhesive spray masks to cover clear parts during painting. The coloured photo-etched parts complete the cockpit and external detail. The instructions provide a history of the aeroplane with photographs, a list of parts, the construction procedure and twelve colour photographs. The resin figure – depicting the Slovak actor Július Satinský in a Czechoslovak comedy movie 'My sweet little village' – arrives as a pilot 'Stefan' with the machine registration 'OK-HJC' which my dioramic scene represents. 🍷



All we need for construction is basic modelling tools and to stick to the construction process. The parts of the kit are very accurate

● BUILDING

The plastic parts are very fine crafted, but it is important to clean up the parts carefully. I use Tamiya Extra Thin Cement for assembly. Tamiya Sharp Pointed Side Cutters helped me remove parts from of the sprues cleanly, followed by an easy clean-up of the edges with fine sandpaper. I proceeded according to the instructions. I 'fine-tuned', cemented and painted the cockpit, noting that each example of this aeroplane has a different colour of flight controls and instrument panels according to the markings option you choose.

I did not cement the small windows in the centre of the fuselage, I just 'squeezed' them in and they held without the risk of glue smears. I snipped off the halves of the fuselage handles as they would be replaced with photo-etched parts. I then cemented the fuselage halves together.

The wings have slit flaps and slots and I achieved a

perfect fit with the precise fine-tuning of the parts. I test fitted the parts 'dry' without cement first and once happy, then I fixed them permanently. The cementing together of the wing and fuselage proved to be an easy procedure.

This was followed by the cockpit glazing. My only one criticism of the kit is the framing of the cabin. The real aircraft has a tubular

construction behind the front plate from the inside. The front plate (sides and forward panel) is unibody in construction.

The front of the Čmelák and the radial engine were more complicated to complete. I assembled the cowlings from its three parts and centred it by gluing it with the motor and the front ring in place. I then repaired the panel lines.

I added brake hoses to the main undercarriage legs, according to reference photos. The fit of the undercarriage assemblies is so good, it holds together even without glue. The model can be equipped with additional fuel tanks or a fertilizer applicator on the fuselage underside. Finally, I added the small parts and an antenna on the vertical tail area.



The author cut out the engine cooling holes and sealed and engraved the lines of the panelling. It's recommended to drill holes for the exhausts



Testing for the exact fit without glue, which will be used minimally. The seat in the cockpit does not yet have its PE seat straps



The author sealed the model with a filler on the upper part for inspection. It was then sanded and polished with fine-grit sandpaper and sanding sponges

Unusually, the surface was unified with pink Fine Surface Primer Tamiya in a spray can which gives the yellow colour the orange tint of a real aeroplane





Three coats of Mr Color C113 RLM04 Yellow, diluted with Mr Color lacquer thinner, were then sprayed. Once this was done, the individual panels were lightly shaded



For the anti-glare panel, the author used Mr Color C02 gloss black. Superclear GX100 gloss varnish was then sprayed on the whole model and decals were applied without the use of setting solutions. The markings formed perfectly to the surface. Superclear varnish was then reapplied and some light wear and tear created with Tamiya Panel Line Accent Colors. Finally, everything was sealed with matt varnish

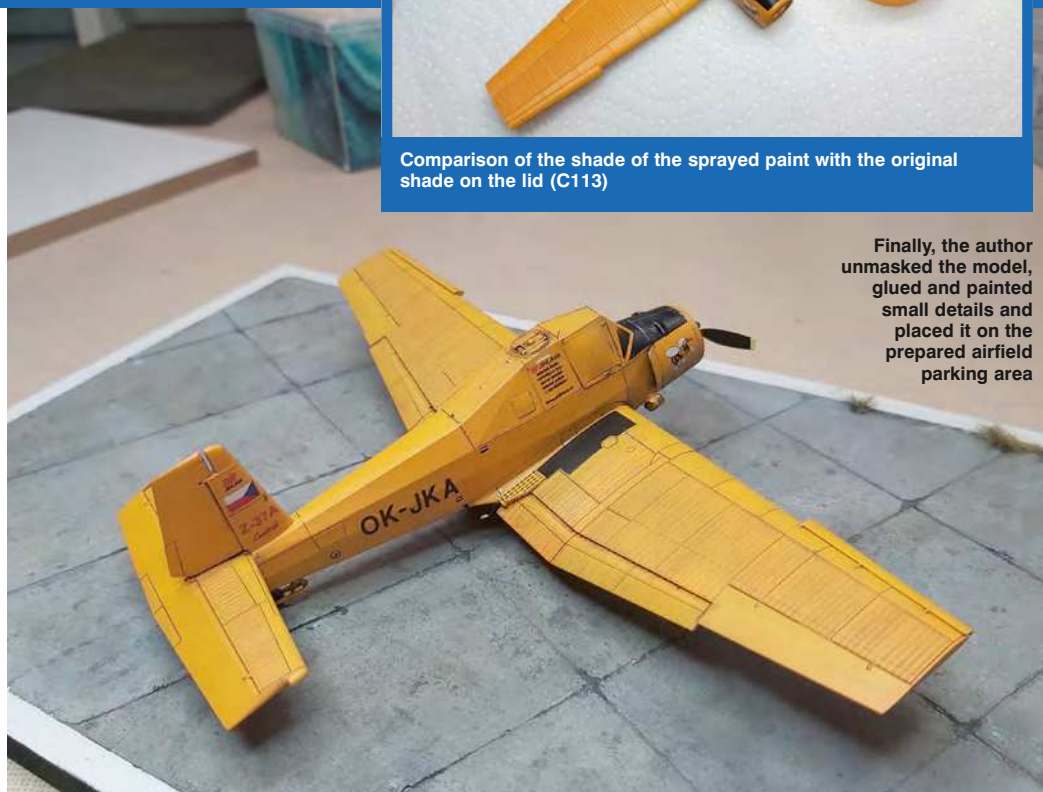


Comparison of the shade of the sprayed paint with the original shade on the lid (C113)

PAINTING

Unconventionally, I based the colour scheme on Tamiya Fine Surface Primer L Pink which gives the yellow a rich shade of orange, like the original. I used the recommended Mr Hobby Mr. Color paints for spraying with their original thinner and GX100 varnish. The main colour is Mr Color C113 according to the instructions, diluted approx. 2:1 thinners to paint. I sprayed several layers carefully and subtly shaded the panels at the end of the process.

I diluted the GX100 Superclear varnish and once dry, applied the decals without the need for setting solutions. Very light weathering was applied using Tamiya Panel Line Accent Color, making a mix of a dirty-coloured solution using black, grey and brown shades. ●



Finally, the author unmasked the model, glued and painted small details and placed it on the prepared airfield parking area

FULL-BUILD: CIVILIAN AVIATION

EDUARD DUALCOMBO 1:72 ZLÍN 'SERVUS CHLAPCI' Z-37A ČMELÁK 'BUMBLEBEE' ● KIT NO.2131

CONCLUSION

Eduard presents us with a perfect model in 1:72. I haven't build a model with such a good fit of parts for a long time, it taking me less than three days. I'll be glad if my construction inspires someone or helps in building your model! ●

TECHSPEC...

EDUARD DUALCOMBO 1:72 ZLÍN
'SERVUS CHLAPCI' Z-37A ČMELÁK
'BUMBLEBEE' KIT NO.2131

Materials:

Injection-moulded polystyrene, waterslide decals

Paints used:

- Tamiya sprays: Fine Surface Primer L Pink
- Mr Color: C113 RLM04 Yellow

Weathering:

Tamiya Panel Line Accent Color black, grey, brown

Availability:

Eduard models and accessories are widely available from good model shops and online.
www.creativemodels.co.uk www.eduard.com



“Eduard presents
us with a perfect
model in 1:72...”





Build Your Dream!

LEVEL 5

© Richard Andrews
03852 BAe Hawk T2 (Inc. Photoetch), 1:32

LEVEL 5 **PLATINUM EDITION**

03850 B-29 Super Fortress (Platinum Edition), 1:48

LEVEL 3 **COMBAT SET**

03710 Combat Set Bf109 G-10 & Spitfire Mk.V, 1:72

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LET'S



Much has been written about the iconic Messerschmitt Bf109 series in historical references and books and magazines. From a modelling perspective the aircraft has received attention from just about every manufacturer in scales ranging from 1:144

to 1:24, with versions from the prototype all the way to the end of the war K-4 series being produced in kit-form.

Tamiya recently added their expertise in the shape of a new-tool 1:72 Bf109G-6 following on the heels of their superb 1:48 release of the same aircraft. Prior to this release, the bar

had been set pretty high with the 1:72 Bf109 series from Fine Molds of Japan. Unfortunately, these kits have become scarce and, when available, command high prices. Without having one of these kits to compare, we'll take a closer look at what the Tamiya kit has to offer.

The box contains just three sprues: two moulded in grey polystyrene and one in clear totalling fifty-two parts. One of the two grey sprues contains just three parts; the left, right, and upper cowling/gun trough. This modular design suggests the possibility of different versions being

GET SMALL!

Jeremy Moore gets to grips with Tamiya's sublime Messerschmitt Bf109G-6 in 1:72, tweaking the cockpit with an Eduard photo-etched harness set



produced as the cowlings configuration could easily be changed in subsequent kits by just replacing this single sprue. The overall surface detail is superb and very appropriate for 1:72 with fine panel lines and rivets where appropriate.

The clear parts are free from distortion and include

the early Revi 12B and later Revi 16B gunsights. A small packet of two poly caps for attaching accessories is also included. Decals are provided for two aircraft and full stencils are included, as well as a set of seatbelts in decal form that are perfectly acceptable for this scale. Overall, the kit looks

exceptional in the box and is typical of what we've come to expect from Tamiya. So, let's get started!

CONSTRUCTION

Typical of most aircraft kits, construction begins with the cockpit. Designed as a modular unit that may be added after the

fuselage halves been the joined, the cockpit is well detailed right out of the box. Cockpit components, the rear cockpit bulkhead, and the fuselage sidewalls were first airbrushed with Mr Color C116 RLM66 Black Grey. Smaller details were then picked out with various shades of Vallejo acrylics. ►

FULL-BUILD: WORLD WAR TWO AXIS AVIATION

TAMIYA 1:72 MESSERSCHMITT BF109G-6 ● KIT NO.60790



Cockpit components and fuselage inner walls were first airbrushed with Mr Color RLM 66



“The overall surface detail is superb and very appropriate for 1:72...”

- ❶ The instrument panel received several light coats of Mr Color GX-100 Super Gloss Clear in preparation for decals. Once dry, the decals were applied with the aid of Micro Set and Micro Sol and settled in very nicely.

After waiting twenty-four hours, they were sealed to protect them from subsequent weathering steps with several additional light coats of GX-100. Once the gloss had dried, the cockpit parts and sidewalls were then given an overall wash with a mixture of Future, tap water and Tamiya X-18 Semi-Gloss Black. Chipping and metal wear were added using a sharpened Prismacolor silver pencil. For an added level of detail, a set of Eduard STEEL pre-painted seatbelts were added and are absolutely perfect for this scale.

AIRFRAME

With the cockpit components set aside, the fuselage halves were joined together and the forward cowling sections added. The modular construction of the upper and lower cowling is quite innovative and needless to say everything fits perfectly. Prior to assembly, the interior of the oil cooler was airbrushed with decanted Tamiya AS-12 Bare Metal Silver lacquer and washed with the same cockpit wash mixture. I did make

a substitution for the kit exhausts using a resin set from Quickboost; these would be left off until final painting and assembly to make things a little easier. The cockpit tub was also inserted at this time and, again, fit perfectly thanks to the alignment slots and tabs. The control surfaces and tailwheel assembly were added last completing construction of the fuselage.

Prior to assembling the wings, the interior sections of the wheel wells were airbrushed with Mr Color C60 RLM02 Grey. The faces the radiator housings were airbrushed with decanted Tamiya AS-12 and given a detail wash, and the interior surfaces were airbrushed with Mr Color C117 RLM76 Light Blue. In retrospect, this step might not even be necessary as so little is visible once assembled, but it makes me feel better knowing it was painted! The two upper wing halves were then cemented to the one-piece lower wing, followed by the addition of the lower wing radiator covers and flaps. Once dry, the wing was mounted to the fuselage and fit absolutely perfectly, requiring no filler at all. With that step completed, major assembly was complete, and all in a matter of a few hours I might add!

Moulded sidewall detail is perfectly adequate for this scale



Details were picked out with Vallejo acrylics followed by a wash of Future, Tamiya XF-1 Flat Black and tap water



The kit instrument panel decal settled in perfectly with the aid of some Micro Sol



FINAL ASSEMBLY

This is actually more of a series of painting steps than actual assembly due to the simplicity of the kit design. The main landing gear feature a unique tab system that allow each leg to fit positively into slots in the centre section of the lower wing. This design ensures the proper angle that is so necessary for the look of the Bf109 and also allows them to be left off until the very end to prevent breakage. The landing gear legs were detailed first; the oleo strut portions were airbrushed with Mr Color Super Metallic Chrome Silver and masked off after drying. The remainder of the landing gear legs were then airbrushed with Mr Color C60 RLM02.

The centre of the main wheel hubs were airbrushed with Tamiya X-18 Semi-Gloss Black, masked when dry and the rubber tyre portions airbrushed with Tamiya XF-85 Rubber Black. The landing gear doors, along with the drop tank, drop tank mount, and the cover for the centre landing gear mount area were then airbrushed with Mr Color C117 RLM76. The landing gear legs, wheels, and doors could then be assembled carefully with a minimal amount of Tamiya

Extra Thin cement and set aside until final painting was complete.

The canopy windscreen and rear section were added next to the fuselage and masked using one of Eduard's excellent precut mask sets. The centre section of the canopy as well as the internal canopy armour were also masked off and set aside for painting. Finally, the spinner and backplate were airbrushed with Tamiya's excellent LP-1 Gloss Black lacquer in preparation for the spinner spiral decal. The propeller was airbrushed with Mr Color C17 RLM70 Black Green and set aside to dry. With that, the model was now ready for painting.

PAINTING

Prior to painting I decided to use to an aftermarket decal sheet from Eagle Editions for the Bf 109G-6. The subject selected was one from JG 302 and featured yellow wingtips, yellow lower cowlings, and a wide yellow fuselage band. These areas were first primed with Mr Color C1 Gloss White to ensure an accurate hue of yellow overcoat. Mr Color C113 RLM04 was then airbrushed over the white and once dry, the areas were masked off in preparation of the main fuselage colours. ▶



Wheel wells airbrushed with Mr Color RLM02



Interior radiator faces airbrushed with Mr Paint Steel



The faces were then masked off and the remaining areas airbrushed with Mr Color RLM76. Not much can be seen, but we know it's there!



Spinner and propeller components airbrushed prior to assembly. The Tamiya LP-1 Gloss Black lacquer provides the perfect surface for the white spiral spinner decal



Basic assembly was completed in just a couple of hours!

FULL-BUILD: WORLD WAR TWO AXIS AVIATION

TAMIYA 1:72 MESSERSCHMITT BF109G-6 ● KIT NO.60790

- ④ The lower wing surfaces, tail components, and fuselage sides were then airbrushed with Mr Color C117 RLM76. The wing root and fuselage were then masked off and the upper surfaces of the wings were airbrushed with Mr Color C37 RLM 75. To recreate the upper wing camouflage, the kit painting guide was printed on to a sheet of Avery 6470 removable adhesive label paper. The appropriate areas were cut out, and placed carefully with small rolls of Blu-Tack underneath for a slight offset from the model. While holding the airbrush at a 90-degree angle to the surface, the upper wing and control surfaces were airbrushed with Mr Color C36 RLM 75 Gray Green.

Once the masks were removed, a perfect feathered edge was present and exactly the look I was trying to achieve. The upper portions of the fuselage and fuselage mottling were then airbrushed freehand with heavily thinned paint using an Iwata Custom Micron-C. The fuselage and wing crosses were then airbrushed using masks cut on a Silhouette Cameo 4 craft cutter. Several of the smaller items were also painted at this time to include the canopy, DF loop antenna, aileron counterbalances, and



Kit painting diagrams were copied on to a sheet of Avery 6470 removable full sheet labels

Areas to be painted yellow were first primed with Mr Color white to ensure a true yellow colour

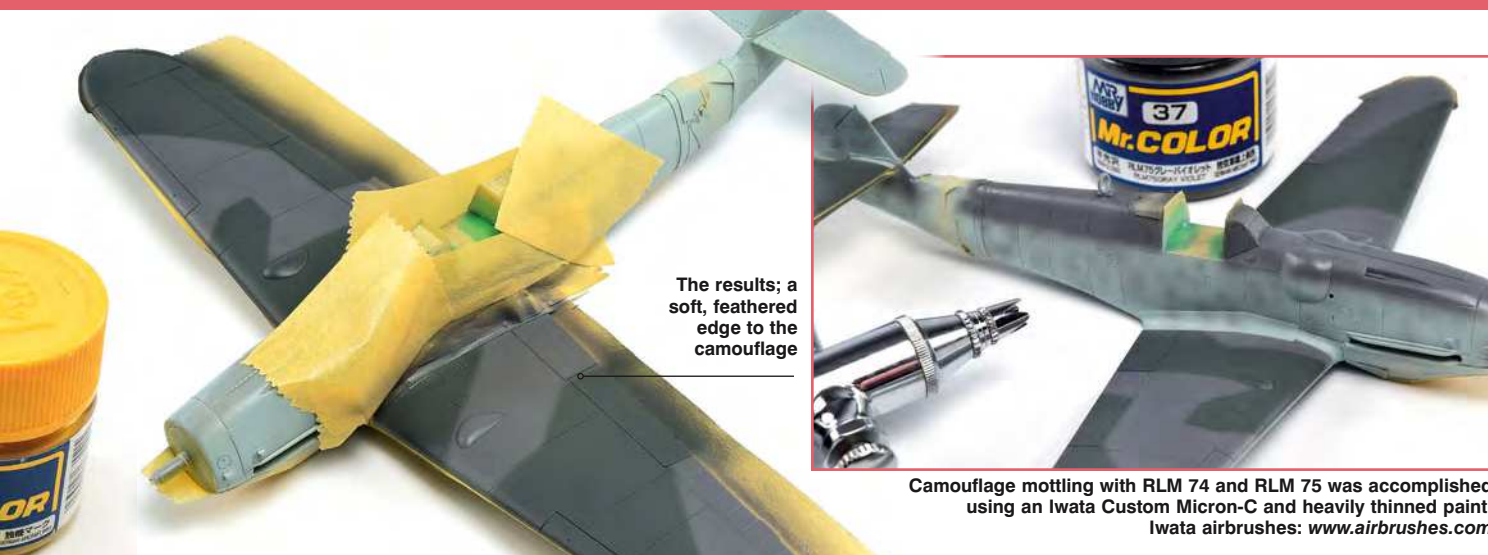
Mr Color RLM04 looks great when airbrushed over the white primer

Yellow areas were masked prior to subsequent camouflage colours being airbrushed

After a base coat of Mr Color RLM 76, the upper wing and tail surfaces were airbrushed with Mr Color RLM75

The appropriate camouflage areas were cut out and placed and the model with a small amount of Blu-Tack to offset them slightly from the surface

Mr Color RLM74 was airbrushed at a 90 angle to the masks



The results; a soft, feathered edge to the camouflage

Camouflage mottling with RLM 74 and RLM 75 was accomplished using an Iwata Custom Micron-C and heavily thinned paint. Iwata airbrushes: www.airbrushes.com

mast antenna, and tailwheel assembly. Finally, the model was given several light coats of Mr Color GX-100 Super Clear thinned with Mr Levelling Thinner in preparation for decals.

DECALS AND WEATHERING

After allowing the gloss coat to dry overnight, the Eagle Editions decals were applied with the aid of Micro Set and

Micro Sol. The white spinner spiral decal, in particular, performed perfectly in adhering to the conical shape of the spinner. Once all the decals had dried, several light coats of M. Color GX-100 were applied to protect them during subsequent weathering steps.

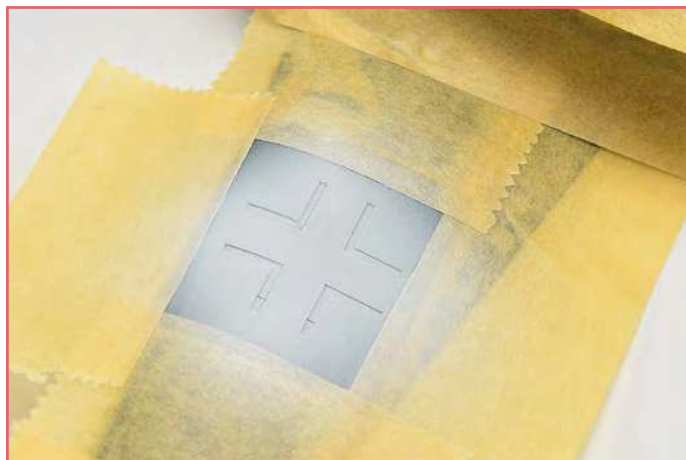
To begin the weathering process, a panel line wash from AK Interactive was applied to all panel lines and rivets. After drying for about thirty minutes, the excess was removed with cotton buds and paper towels. The model and all of its components were then given several light coats of

Winsor & Newton Galeria matt varnish thinned with Tamiya X-20A thinner.

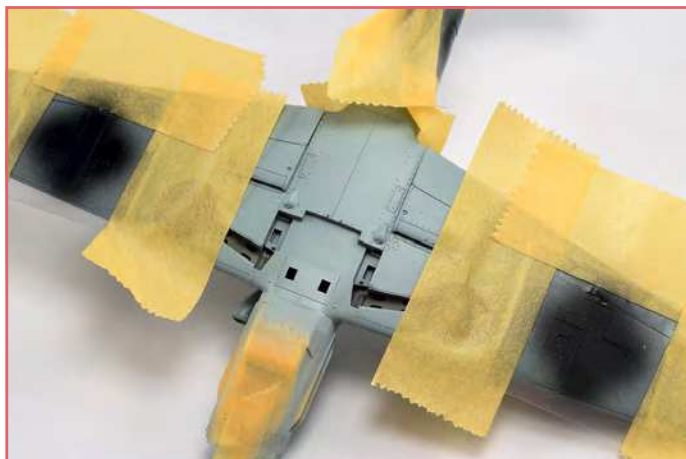
Exhaust stains were then applied via airbrush using Mr Paint MRP-180 Exhaust Stain along the wing root and in selected areas around the upper and lower cowlings. Heavily thinned Tamiya XF-1 Flat Black was also airbrushed in the exhaust areas near the



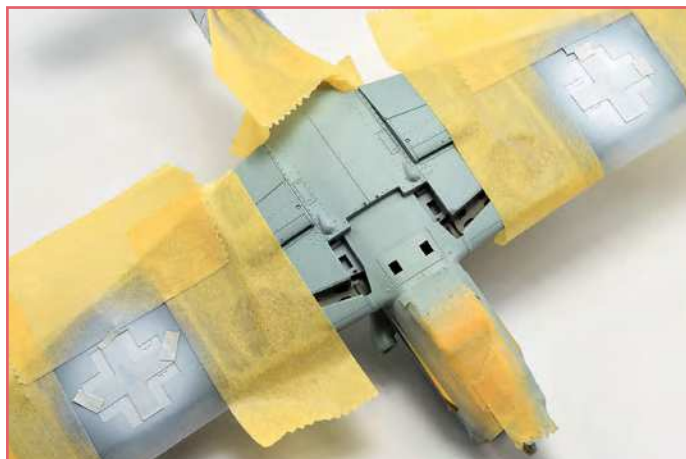
Masks for the upper wing crosses cut on Oramask 810 vinyl masking material cut using a Silhouette Cameo craft cutter



Airbrushing the white crosses with Mr Color white



Lower wing and fuselage crosses were painted in a two-step process with black being airbrushed first



The black areas were covered and the remaining white areas airbrushed next

FULL-BUILD: WORLD WAR TWO AXIS AVIATION

TAMIYA 1:72 MESSERSCHMITT BF109G-6 ● KIT NO.60790

TECHSPEC...

TAMIYA 1:72 MESSERSCHMITT
BF109G-6 KIT NO.60790

Materials:

Injection-moulded polystyrene, waterslide decals

Accessories used:

- Quickboost: QB72610 Messerschmitt Bf 109G-6 Exhaust
- Eduard: CX542 Bf 109G-6 1/72 Canopy mask for Tamiya (73034), 1:72 Seatbelts Luftwaffe WWI fighters STEEL
- Eagle Editions: #EC 171-72 Bf 109G-6's Decals

Paints, Weathering Products:

- Mr Color: C1 White, C113 RLM04 Yellow, C60 RLM02 Grey, C116 RLM66 Black Gray, C18 RLM70 Black Green, C117 RLM76 Light Blue, C36 RLM74 Gray Green, C37 RLM75 Gray Violet, GX-100 Super Clear Gloss
- Mr Paint: MRP-180 Exhaust Soot
- Tamiya: X-18 Semi-Gloss Black, XF-85 Rubber Black, XF-1 Flat Black, LP-1 Gloss Black, AS-12 Bare Metal Silver
- Vallejo Acrylics: (various colours)
- AK Interactive: AK2071 Paneliner for brown and Green Camouflage
- Winsor and Newton Galeria Matt Varnish

Availability:

- Tamiya models, accessories, paints and materials are widely available from good model shops and online. UK import and distribution by The Hobby Company Limited; www.hobbyco.net
- Eduard: www.creativemodels.co.uk www.eduard.com
- Eagle Editions: www.eagle-editions.com
- Quickboost: www.quickboost.net

Please note, the swastika emblems on the tail have been removed from these photographs to comply with laws in countries where Tamiya Model Magazine is sold



Final results of the lower wing crosses

◀ wing root to create a more realistic appearance.

The wheels were given a wash of light brown enamel paint and the excess rubbed off after drying. Finally, chipping was added sparingly using a silver

Prismacolor pencil in high traffic areas. I've found 'less is more' sometimes when it comes to weathering, especially with chipping and it's very easy to overdo it. The main landing gear legs were now added to

their slots in the lower wing centre section and the centre plate cemented in place over it. The drop tank mount and drop tank were then secured over this area as well using pre-drilled holes for alignment. Smaller details such as the centre canopy, DF loop, pitot tube, and aileron counterbalances were then added to the model. The final step was to add aerals made from stretched sprue painted flat black. With that, the model was complete.

Tamiya has really captured the look and feel of the Bf 109G-6 in small scale with this release. Excellent fit and engineering make it a very quick and enjoyable build and a perfect palette for painting. I'm happy to add the kit to my collection and already have plans to build another; hopefully they will continue the line of 1:72 Bf109s with subsequent versions... I'll build those too! ●

Looking sharp with basic markings completed

Several light coats of Mr Color GX-100 Clear Gloss applied in preparation for decals and weathering

“Excellent fit and engineering make it a very quick and enjoyable build...”



After applying decals, weathering begins with a panel line wash



Removing the excess panel line wash with the aid of a cotton bud



Some chipping was sparingly applied using a sharpened Prismacolor silver pencil



Eduard pre-painted seatbelts and stretched sprue aerials complete the model

Tamiya is to be commended for perfectly capturing the distinct Bf 109 lines in 1:72



Clever design makes easy work of the sometimes difficult Bf 109 landing gear



FULL-BUILD: MILITARY HELICOPTER
KITTYHAWK 1:35 SH-60B SEAHAWK ● KIT NO.KH50009



John 'Tigger' Wilkes builds the new
SH-60B SeaHawk from Kittyhawk in 1:35

TIGER-TAIL AT SEA!



With three kits arriving at once of various H-60 versions – SH-60B, SH-60F and MH-60S – I was compelled to build this SeaHawk straight away, having started (and never completed) a scratchbuild many years ago. I was building mine in 1:32 but, am pleased that this range of kits is on offer, even in 1:35! With these recent models from Kittyhawk the box art is some of the very best I have seen. These kits are well presented in relatively small, crammed boxes. Additionally, this version offers the modeller some great colour schemes over the bland Tactical Paint Scheme (Grey), the Tiger immediately catching my eye. ▶

FULL-BUILD: MILITARY HELICOPTER

KITTYHAWK 1:35 SH-60B SEAHAWK ● KIT NO.KH50009

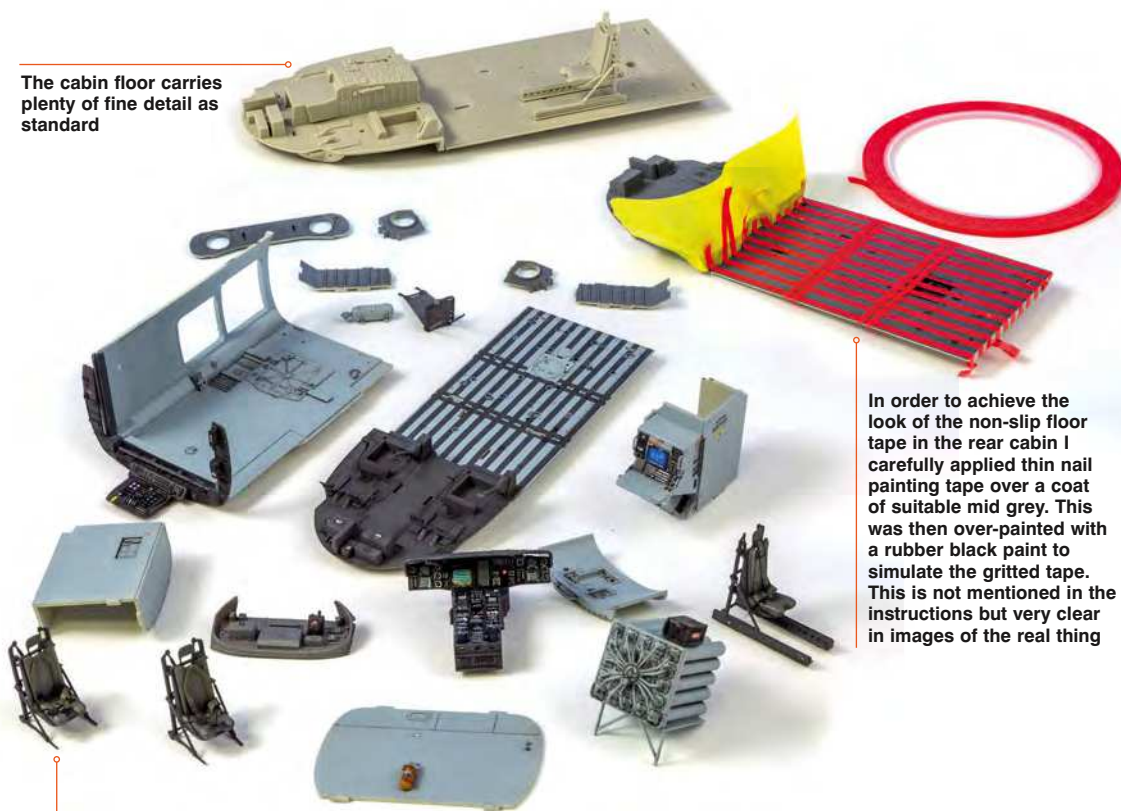
● HISTORY

Sikorsky, responding to a need to replace the ubiquitous UH-1 series designed and built the H-60 range of medium-lift helicopters, the first flight taking place on 17th October 1974. Various versions of the basic airframe with additional strengthening and mission-related equipment have evolved and there are currently many versions in US service (Army, Navy, Air Force, Marines and Coast Guard). Export success has meant the aircraft has served in numbers with Australia, Brazil, China, Colombia, Israel, Mexico, Slovakia, Sweden, Taiwan, Turkey and there are even export and civilian versions identified as the S-70 with a further twenty or so countries operating these, giving a total estimated to be around 4,000 airframes worldwide. Parts of the aircraft such as the engines and rotor system have been utilised into such designs as the Coast Guard S-92.

CONTENTS

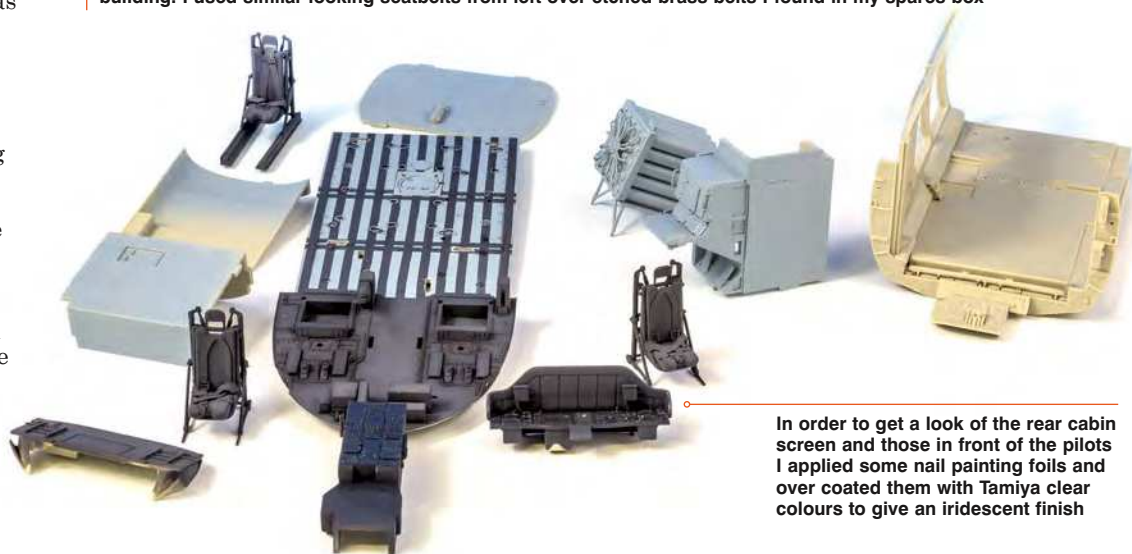
A rather small box is adorned with an image of the Tiger SH-60B dropping a torpedo, it is interesting to note that this image portrays the aircraft in the correct configuration that the kit misses. This refers to the RWR fairing on the trailing edge of the fin and the shallow 'dustbin' on the surface behind the rotor on the top of the aircraft. Opening the box revealed a plethora of plastic and as you delve in it becomes apparent that some sprues only use a small number

The cabin floor carries plenty of fine detail as standard



In order to achieve the look of the non-slip floor tape in the rear cabin I carefully applied thin nail painting tape over a coat of suitable mid grey. This was then over-painted with a rubber black paint to simulate the gritted tape. This is not mentioned in the instructions but very clear in images of the real thing

Most of the rear cabin is full of boxes and seats and sonar storage and everything is provided in the kit. One omission is that there is only two sets of seatbelts and there are at least four seats in the bird I was building. I used similar looking seatbelts from left over etched brass belts I found in my spares box



In order to get a look of the rear cabin screen and those in front of the pilots I applied some nail painting foils and over coated them with Tamiya clear colours to give an iridescent finish

Mini Review...

DEF MODEL WWII IS TANK CREW
SAHARA 1943 W/BASE (DF35022)
www.defmodel.com

The US Army's campaigns in North Africa in the mid-war period are perhaps not a widely modelled subject, but with excellent new kits of the M3 Lee Medium Tank about, it's an interesting subject. DEF Model have created this 1:35 figure to complement such a vehicle and it is a superb production, with fantastic detail. The bonus is the section of M3 Lee casemate (with alloy barrel) for individual display.

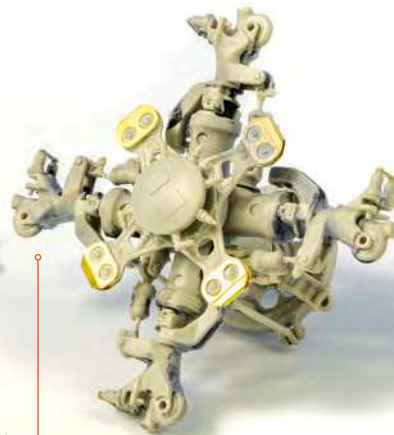




The rotorhead is probably the most daunting part of the kit as the parts don't match reality! It's a simple fix though and by reversing a couple of the rotor linkages and consulting good references a good facsimile of the real thing can be achieved



With the assembly taken care of, a little Mr Surfacer Black was applied and any seams cleaned up. Several etched brass parts are also added and once more good reference is needed. In essence the parts swapped over in the assembly were parts C17 cut and re attached so two hinges face one way and the other two face the opposite direction



The completed assembly with the top plate in position. This is (with a little tweaking) all from what is in the box. Some hoses are all that could really be added to enhance this although with the rotors folded not much can be seen

of parts, leaving lots of crossover items.

All of the parts are moulded in a medium grey plastic with nicely restrained surface details although the rivets are represented as divots instead of raised as in real life! Most parts are grey plastic with a further two sprues of clear, one of which was presented in its own stiff card box. All sprues are individually bagged along with a pair of well printed decals sheets and a single fret of etched brass, offering seat belts and grilles as well as other small parts.

Unfortunately only two sets of seatbelts are provided where there is a need for at least three or four. A set of instructions is presented as a small booklet with several erroneous numbers given, little in the way of colours are called out being matched to Gunze/Mr Hobby paints only. Unfortunately my set of instructions had a double page three and four



for some reason. As with previous Kittyhawk kits there are some very nice colour schemes on offer and this is no exception, with five US Navy aircraft and a Spanish version to choose from. For the record they are HSL-41 Sea Hawks, HSL-43 Battlecats, HSL-45 Wolf Pack, HSL-51 Warlords all in lo-viz grey with decorated fins in full colour Also a grey Spanish Navy machine and a white over grey LAMPS bird with no unit or ship identification. Weapons options are limited to large fuel tanks or torpedoes.

CABIN

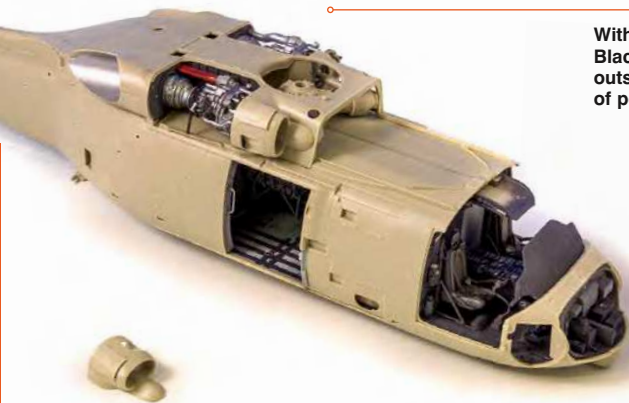
As we would expect this model was built from the insides out, beginning with the cabin floor. Here there are several holes which need to be made from below using the depressions, just needing to be identified and opened with a suitable drill. I painted the floor with a light grey then masked and sprayed a dark grey to represent the non-slip tape that appears on the real thing. This simple idea adds a lot to the cabin. Over the next few steps seats and instruments are added, here

Both engines are provided and as with other Kittyhawk kits in the past I have chosen to only have one on show. You will still need to assemble them both as they support several parts which will be visible on the completed model



I used the supplied decals over the raised details settled with a hairdryer and plenty of Tamiya Mark Fit 'strong'.

As mentioned there are only two sets of seatbelts and nothing for the back seats. I added some belts from an old set of PE brass which looked right. Further details were added in the way of the sonar operator's station and here I tried something a little different to get a look I was after. I applied some nail polish foils of iridescent dark blue over some appropriate nail foil adhesive and this worked



Adding the engine intakes was a breeze with no issues experienced. I put the cockpit clear parts on and am pleased to say they fitted well with no issues. A little Mr Surfacer sealed any small seams. This was then removed with a cotton bud and alcohol and left neat filled joints

With the closing up of the cabin and the addition of the engines the familiar Blackhawk/Seahawk shape starts to become evident. Careful alignment is key from the outset of adding the accessories on the roof, any error at this point will force parts out of position so care needs to be taken. I used parts to be added later as a jig



FULL-BUILD: MILITARY HELICOPTER

KITTYHAWK 1:35 SH-60B SEAHAWK ● KIT NO.KH50009

Building the main landing gear was done from several modular parts which all look good once installed. I deliberately left the forward steps off until later in construction knowing they would get lost or broken if added at this stage



Unfortunately there is no getting away from the compound shape of the exhaust and these are supplied as two parts split horizontally. I brushed cellulose thinners over the seam repeatedly until the seam was blended, this was left for a couple of days to harden



Building the folding tail gave me a little bit of concern as the hinge pivot points are very small. I just had an image of it all failing later on. In essence I added a paper clip bent to fit under the folding hinges and superglued into place. This was to prove a sensible option as indeed the weight of the tail outmatched the strength of the hinges

well, although it may be just a little too much contrast for the large screen.

Pilot's seats were also fitted at this stage and both needed careful construction as the shock-mount supports are fragile. A forward bulkhead with avionics boxes and a rear bulkhead were installed and I temporarily dropped the roof on top of to align everything. Whilst this was setting I worked on cleaning up the Sonar buoy housing and associated wiring loom. Unfortunately the main instrument panel being so dark will be lost in the cockpit unless you add some contrast and after applying the supplied decal I applied the nail foil screens again, then dry brushed light shades of grey over it to liven it up.

Further seats were added and hung from the roof section before bringing all of the cabin together. I must say that it all fitted without fuss and aligned perfectly first time, this was aided by the preparation of the holes in the floor earlier. In order to dress the bland sidewalls and electronics boxes I applied random Airscale decals to break the monotony.

ENGINES

Kittyhawk has provided both GE T-700 engines and their walled bays. Detail is reasonable and it lends itself to adding hoses and electrical connectors. As I was building this from the box I chose not to with one engine open for maintenance and one closed.

Swift progress is made and the engine exhausts were mounted onto a rear bulkhead. I used the main fuselage as a jig to align everything and liberally applied liquid glue over the inner seam to seal it. This was sanded later and the joint disappeared.

Jumping past the rotor head assembly, the gearbox assemblies were installed, as too were several outer panels which all fitted well. When mounting the intake shrouds over the gear boxes I found the need to remove some material of the forward fairing which stopped the gearbox fitting. This will not be seen again and although not pointed out in the instructions, it can be seen in the drawings. Adding all of the outer panels went

without hitch until I wanted to close up the left engine. This was not the best of fits and needed some filling at the front to blend it in. Missing is the upper IRCM transmitter which should sit on the shelf (part HC-25) and looks like a shallow dustbin. This is not on the kit sprues so the modeller would need to make one.

ROTOR

I hope that you are paying attention here because it's a little complicated! As provided the SH-60 rotorhead will not be correct. You are provided with only one part HD-34 but need two. In order to correct that part I took C-17 and replaced it with HD-33. I also took the rotor control horn off and re-attached it in



Kittyhawk will have you paint the underside of the TPS (Tactical Paint Scheme) in white and this is incorrect. I instead substituted this for FS36495 Gunze C338 all was painted with an airbrush freehand. All paints were diluted with cellulose thinners



Top colours from Mr Color were FS36320 C307 on the sides and on the upper facing surfaces FS35237 C337. There was very little contrast between the top two colours and after weathering they were almost one shade.



After paint and decals I applied a wash made from Humbrol dark grey into the panel lines and rivets. Once happy I applied a coat of Winsor and Newton Galleria satin varnish to seal it all in

the correct position which is upside-down. You need good reference but essentially there are two sets of identical fold hinges on the real thing. With that sorted, it took a little clean-up and preparation for painting. The end result now looks correct and has the hinge bearings in the correct place. None of this is very clear in the instructions or pointed out, it is possible to say that this was a pre-production kit so the version released to the public may have been corrected.

When adding the rotor blade especially in the folded position then care will be needed to get everything aligned and in position. I used the folded supports to set the positions later in the build as otherwise they will flex all over the place with little supporting them and no doubt the hinges will fail: you have been warned.

PAINING

Here is the most enjoyable part of the build for me and looking at the instructions I wasn't sure if things were accurate or not. I did some research and found that the colours called out on the instructions appear to be wrong. I discovered a website with the TPS scheme patterns and the FS paint numbers and used this as the basis for the scheme: www.cybermodeler.com/aircraft/h-60/sh-60b_profile01.shtml

After the usual round of masking I applied my new favourite primer, Mr Surfacer 500 in the new bottles. This is probably the best primer I have ever used and this will be in my arsenal of paints for

Lots of masking was needed to prepare for painting. After I was done I wiped the model down with alcohol to remove grease and dust, then a coat of primer was applied before the colour coats



Following the instructions closely I applied a base white on the fin followed by yellow and then a home-brew mix of orange. I deviated from those suggested in the instructions and matched them to images of the real aircraft I found on the internet



some time to come. I used an app on my phone called Imodel kit which allows me to choose the FS codes and then match those to existing brands of paints and in my case Gunze Mr Color Lacquers. For the record the colours should be

FS.36495 Light Grey
Gunze C338, FS.36320
Dark Ghost Grey
Gunze C307, Medium
Grey FS.35237
Gunze C337. The instructions tell you White FS.17875, and FS36320 only!

TIGER TAIL

For the fin, I applied a base of Tamiya Lacquer white followed by yellow and finally a mix of



With all of the masks removed and the final coat of varnish on I got the stage of adding the fin. As mentioned this was always going to fail under its own weight and the stress of the joints not being able to take the strain. I simply added a bent paper clip under the hinge to support the weight



The completed model with everything folded really does capture the look of the real thing superbly. The added colours of the special markings making this a nice colourful model and one that really stands out

FULL-BUILD: MILITARY HELICOPTER

KITTYHAWK 1:35 SH-60B SEAHAWK ● KIT NO.KH50009

❶ Orange which looked close to the images I found on line. These paints were applied with White-Tack 'sausages' as the masking between the colours. A few touch-ups were made and once happy, I gave the entire model a coat of Tamiya X-22 Clear varnish (thinned with cellulose thinners) in preparation for the decals. As you can see I went with the tiger fin scheme and found images of this bird on line within a couple of minutes. I am pleased to report the decals went down without fuss and just a little Mark Setter 'Strong'. Unfortunately there are some missing warnings for footsteps and sensors. Also of note is the rather odd writing on the panel on the starboard side outlining the sailor of the month, which appears in the kit decals to be a random selection of letters. It's a shame as it can be read even with my aged eyes!

FINISHING TOUCHES

With all of the decals completed I left them for twenty-four hours. Then, gently rubbed some white spirit over them with my finger. This softens the top surface and this can be rubbed away to leave just the inks of the decal with no carrier film. All was then sealed with another gloss coat. Weathering was achieved by using very thin enamel paints of various shades of greys. Once run into surface details it was

left to dry for an hour before any excess was removed with a damp paint brush and cotton buds. I also sprayed various greys randomly over the model as well as hand-painting several small touch ups to get the look I was after.

A light dusting of a fading colour – a few drops of Tamiya white and clear highly thinned down – was applied in a random squiggle all over the model. This was then followed by a very thin dusting of Tamiya X-19 Smoke over all of the panel lines. At this stage I started to attach all of the small aerials and lights that would be broken off along with the aerial made from elastic thread. Finally, this one can be called done. I must say that in conclusion this does look very busy and with rotor blades folded, fits into a small space nicely. Well done to Kittyhawk for making these kits, I hope that in time they can make improvements with their instructions. ●

TECHSPEC...

Kittyhawk 1:35 SH-60B SEAHAWK
KIT NO.KH50009

Materials:

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

Paints used:

Mr Color FS36495 Light Grey Gunze C338, FS36320 Dark Ghost Grey Gunze C307, Medium Grey FS35237 Gunze C337

Availability:

Search online for availability



An overhead view as might be seen from a carrier's island looking down onto the deck, with the use of a suitable base from Coastal Kits this result was easily achieved. With all of the rotors folded this model fits into a quite tight space in my cabinet



With the starboard engine covers open this allowed me some scope to dirty the bay up and I used oil paints to simulate an oil leak. This configuration of armed with engine bay open is unlikely but I wanted to show off as much as possible of what can be achieved from the box

As stated I added a paper clip to the fold hinges and managed to disguise them with paint and some grease stains. There are a few hoses in this fold so they could easily be made to look like those although I have not added them in this case



This kit offers plenty of options and detail throughout. The complicated loom of it folded disguises the fact that it's rather simple, but clever at the same time. Built in steps are provided for ground crews to access almost all of the aircraft



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EDUARD, CZECH REPUBLIC

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

Eduard's own North American F-6D Mustang comes under scrutiny this month, with an all-resin (and photo-etched brass) replacement cockpit for the kit. It's an exquisite production with eye-watering detail that will reward methodical construction and imaginative painting. Three variants are provided for different production specifications; P-51D-10, P-51D-15+ and P-51D-5 with differing instrument panels, head rests and other components, all described in the instructions. Sidewall data placards are very welcome alongside the instrument dials faces on the decal sheet.

Also new are two types of GBU-54 bomb, SUU-30B cluster bomb dispenser pods and Brassin Löök+ packs for Airfix's lovely 1:48 Tiger Moth and Eduard's own 1:48 Bf109G-10 which includes internal and external upgrades.

Finally this month, Zvezda's fantastic new 1:72 C-130H Hercules is to receive a suite of cockpit and cargo compartment upgrades and canopy masks.

1:72

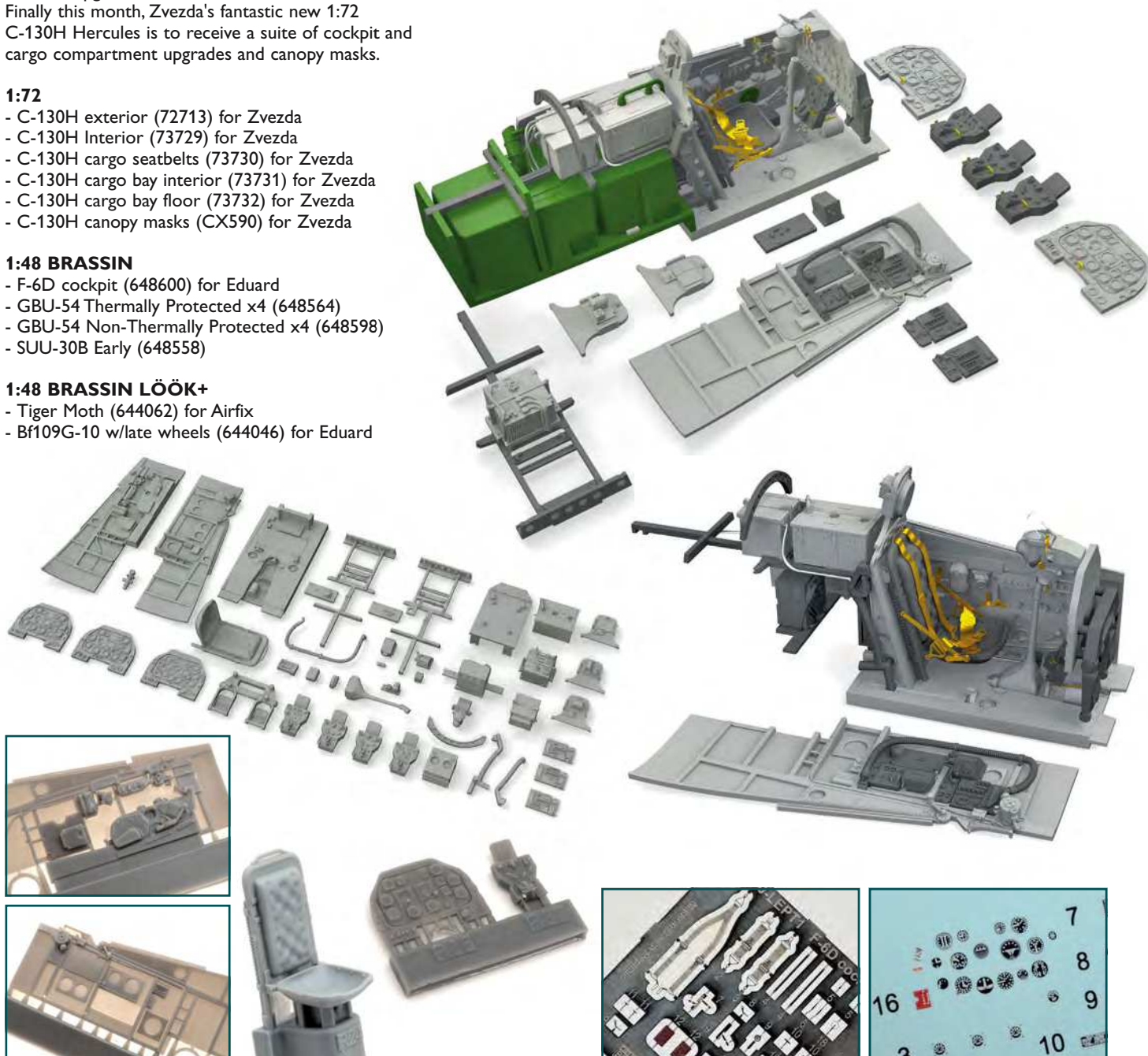
- C-130H exterior (72713) for Zvezda
- C-130H Interior (73729) for Zvezda
- C-130H cargo seatbelts (73730) for Zvezda
- C-130H cargo bay interior (73731) for Zvezda
- C-130H cargo bay floor (73732) for Zvezda
- C-130H canopy masks (CX590) for Zvezda

1:48 BRASSIN

- F-6D cockpit (648600) for Eduard
- GBU-54 Thermally Protected x4 (648564)
- GBU-54 Non-Thermally Protected x4 (648598)
- SUU-30B Early (648558)

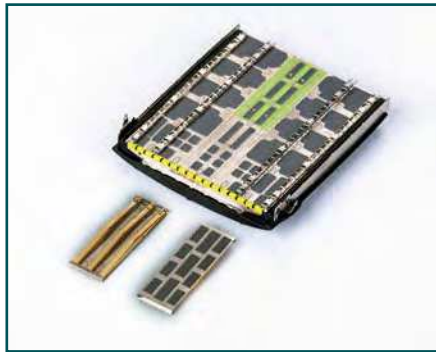
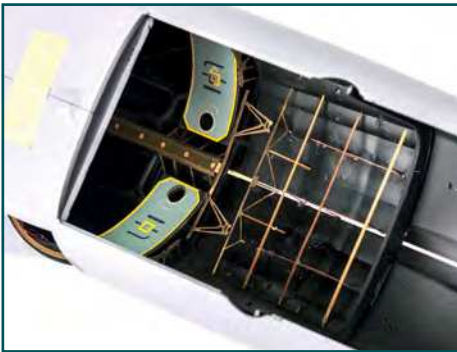
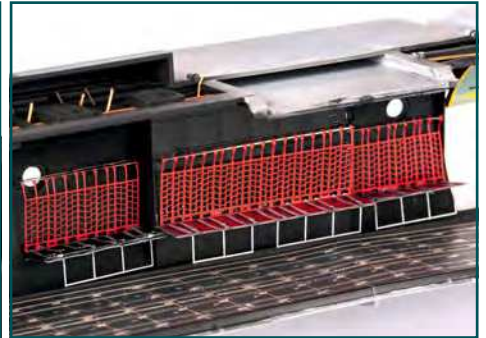
1:48 BRASSIN LÖÖK+

- Tiger Moth (644062) for Airfix
- Bf109G-10 w/late wheels (644046) for Eduard



Accessories

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






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 CHAIN, **MMA**; MACHINED METAL ALLOY, **MR**; METAL ROD, **MW**; METAL WIRE, **MT**; METAL TUBING, **NM**; NYLON MESH, **PE**; PHOTO ETCH, **PEBM**; PHOTO-ETCHED BADGES/MIRRORS,
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WC; WOVEN CORD, **WD**; WATERSLIDE (DECALS), **WS**; WOODEN STRIP



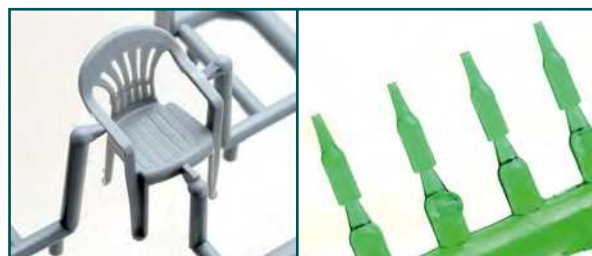
DEF MODEL, KOREA

www.defmodel.com

Three wheel/tyre sets are on release from this highly creative Korean maker. For Meng's 1:35 Rolls Royce armoured car we have a set of desert balloon tyres with stunning hub, sidewall and tread detail and a subtly weighted appearance that's not too much, just enough. Panda's kit of the militarised HME-1 tractor gets four beefily-treaded wheels and tyres and the Hobbyboss Sd.Kfz.254 'wheel-cum-track' gets its rubber and rims upgraded from the standard vinyl items. Perfect resin castings with fantastic levels of detail, easy to clean up. Painting is made easier too with the inclusion of pre-cut masks.

1:35

- British RR Armoured Car balloon sagged wheel set 1 (DW30043) for Meng
- HME-1 High Mobility Engineer Excavator sagged wheel set (DW35115) for Panda
- Sd.Kfz.254 wheel set 1 sagged (DW30048) for Hobbyboss



MINIART, UKRAINE

www.miniart-models.com

www.creativemodels.co.uk

MiniArt have created some wonderful new diorama accessories of late, including a street market with crates of fruit (ever seen a bunch of bananas in 1:35 before? Neither have we) and it comes with an ice-lolly cooler (clear parts and decals), umbrella, pallets and a plastic chair. The street cafe is similar but comprises two garden-type plastic tables and chairs, two parasols plus coffee cups, saucers and mugs, fizzy-drink cans, beer bottles, glasses and that ice-lolly cooler again. For dioramas and military vehicles laden with loot, 'Musical Instruments' provides the answer if you need a violin, guitar, base drum, accordion, trumpet, banjo, lute or mandolin resting in debris or strapped to a tank turret. All are beautifully moulded with superb detail.

1:35

- Modern Street Cafe (35610)
- Street Fruit Shop (35612)
- Musical Instruments (35622)

MISSION MODELS, USA

www.missionmodelsus.com

Mission Models' line of acrylic paints is ever-expanding and some classic American car colours have been recently added to the catalogue, including that lovely pale 'Surf Green' used on Chevrolets of the late 1950s and the funky Lilac seen on Chrysler in the 1960s. A couple of US Navy shades are also new, plus some WW2 German tones. Check out their website for full details on how to use these materials correctly.

Acrylic paints

- US Navy 5P Pale Gray Blue (MMP-133)
- Arcadian Blue FD 1965 Powder Blue (MMP-136)
- Anthrazitgrau RAL 7016 Anthracite (MMP-140)
- Lilac CY 1966 (MMP-137)
- Surf Green CH 1957 (MMP-134)
- US Navy Flight Deck Blue 21 (MMP-132)
- Dunkelbraun RAL 7017 (MMP-139)
- Coral CH 1955 626 (MMP-135)





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TAMIYA, JAPAN LOTUS EUROPA SPECIAL

www.tamiya.com www.hobbyco.net

SCALE: 1:24 • MATERIALS: IM, SVT, PE, PEBM, MMA, PC, WS • ITEM NO.24358

Tamiya initially launched the 1:24 Lotus Europa kit back in 1999, which in 'Tamiya-time' (like dog-years) it seems about three years ago, such is the quality of the mouldings. It hasn't been re-issued since, so this return is very welcome indeed, particularly as the box now contains a very useful fret of photo-etched nickel-steel parts, such as three grilles with fine mesh pattern, front brake disc facias, body-catches, carburettor backing plate plus buckles for the four-point seat harnesses. A new sprue of white plastic provides new wheels and a rear wing. The carburettor intake trumpets are beautifully machined from aluminium and the Lotus badges and plaques across the rear and sides of the body, bonnet lock, plus wing mirror faces are supplied in the form of fretless, plated photo-etched items with their own adhesive layer so they can be simply pressed onto their locations. The straps for the aforementioned harnesses are printed in red, blue and black on white, self-adhesive vinyl and just need trimming out with a fresh blade, then sticking into place. The model will build up quickly and easily, so the most challenging part will be the application of the classic gold Lotus pinstripes which run across the body and look very delicate!



A British classic that's as fresh as the day it was released by Tamiya, twenty-two years ago



Decalling might be fiddly



TAMIYA, JAPAN T-34-85 RUSSIAN MEDIUM TANK

www.tamiya.com www.hobbyco.net

SCALE: 1:48 • MATERIALS: IM, MW, PC, WS • ITEM NO.32599

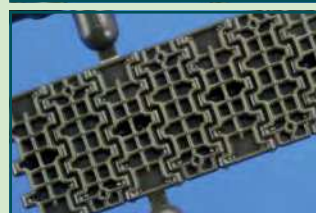
There was a little confusion in the online modelling communities when this kit was announced, as it was assumed Tamiya had just dropped a new turret onto the existing 1:48 T-34/76 hull to create the up-gunned T-34/85 variant, but it is not so! This model is 100% new from top to bottom, using no parts from the early variant, the kit of which was originally launched in 2005. (In fact, Tamiya also listed a 1:48 T-34/76 in the 1970 catalogue and it is now a collector's item). In this newest release, the diecast metal hull is gone, replaced with a far superior multi-part tub formed from individual panels moulded in kit plastic. This allows the suspension's swing-arms and their bump-stops to be replicated in detail, something lacking on the rather basic metal casting. As per the 2005 model, the tracks come in the form of one-piece upper and lower runs, short sections for the front and rear uplifts plus individual links to wrap around the drive sprocket and idler wheels. The tracks are beautifully detailed and are sure to fit perfectly around the running gear. The 85mm gun turret is another multi-part assembly and sports an exquisite cast-steel texture. A single commander figure stands in the turret hatch, and a length of cord is provided for the towing cable.



An all new kit from the tracks to the turret roof - no recycled parts!



We could find nothing to criticise about this kit!



OR EPS; EXTRUDED PLASTIC SECTION, F; FABRIC, IM; INJECTION MOULDED (PLASTIC), ITL; INDIVIDUAL TRACK LINKS, LC; LIQUID CEMENT, LCC; LASER CUT CARD, SKS, PE; PHOTO ETCH, PEBM; PHOTO-ETCHED BADGES/MIRRORS, PMP; PRE-ASSEMBLED METAL PARTS), PS; PAPER STRIP, R; RESIN, SVT; SOFT VINYL TYRES (OR TUBING),



AIRFIX, UK FOLLAND GNAT T.1

www.airfix.com

SCALE 1:48 • MATERIALS: IM, WS • ITEM NO.AO5123A

Airfix launched their then newly-tooled 1:48 kit of the Folland Gnat in 2014 so it's quite a recent kit. The Gnat served as a jet-trainer for the Royal Air Force for around twenty years and it really is a pretty little dart of an aircraft, its diminutive profile sitting low on the tarmac with a purposeful, nose-up stance. Most famously, it served in the RAF Red Arrows display team until 1979 when it was replaced by the BAE Hawk. It was great to see this subject depicted in 1:48; Airfix's 1:72 Gnat has done sterling service for decades but it is a tiny airframe at this scale, so 1:48 is ideal. This latest release comprises the same mouldings as before but with a new decal sheet for three markings-options; a red/silver No.4 Flying Training School, Royal Air Force Valley, Anglesey, Wales, 1968, an overall yellow Gnat of the Yellowjackets aerobatic team, No.4 Flying Training School, Royal Air Force Valley, Anglesey, Wales, 1964 and in overall silver aircraft with red fuel tanks from the Central Flying School, Royal Air Force, Little Rissington, Gloucestershire, England 1961. All three make attractive options. The kit comes on three sprues of grey polystyrene plus one in clear and the surface detail is typical of recent Airfix releases, with recessed panel lines throughout.

- + Superb subject choice, good detail inside and out and three nice-looking decal options
- Panel lines look a little heavy on the raw plastic, but will be less apparent on the finished model



EDUARD, CZECH REPUBLIC ADLERTAG LIMITED EDITION

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

SCALE: 1:72 • MATERIALS: IM, R, PE, WS • ITEM NO.2132

The main structural parts of Eduard's 1:72 Messerschmitt Me110 date back to 2012 when it was first issued in Bf110E guise; since then the kit has re-appeared at least fifteen more times as different versions, differing box contents, 'overtrees' and in other incarnations. The latest takes the form of an aircraft – or rather one of twelve aircraft thanks to the extensive decal sheet – that took part in the Battle of Britain, or more specifically, 'Adlertag' (Eagle Day), when the Luftwaffe tried to destroy the Royal Air Force, starting August 13th, 1940. The German air force threw everything but the kitchen sink at this objective but as history records, it failed. The kit is a lovely little thing, coming on six sprues of Eduard's blue/grey plastic plus a circular sprue of clear parts that form the '110's characteristic 'greenhouse' canopy. As is often the case with Eduard's multi-variant models, there are some parts that will be redundant for this version, so it's essential to study the instructions before cutting plastic. The moulded detail is superb, with fine, recessed panel lines and even finer recessed rivet/fastener lines, enhanced further with a sheet of photo-etched bits and a bag of resin castings for the MK101 30mm cannon fitted to the Bf110C-6.

- + A great-looking aircraft with stacks of detail and add-on parts
- Some really tiny parts here, so tweezers at the ready



New Releases

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

What's in the box?

AD; ACETATE DIALS, AP; ACRYLIC PAINT, CC; CAST CERAMIC (PLASTER), CMA; CAST METAL ALLOY, CP; CHROMED PARTS, CPS; CLEAR PLASTIC SHEET, DT; DRY TRANSFER (DECALS), EM; ELECTRIC MOTOR, LLT; LINK AND LENGTH TRACKS, MC; METAL CHAIN, MMA; MACHINED METAL ALLOY, MR; METAL ROD, MT; METAL TUBING, MW; METAL WIRE, NM; NYLON MESH, PB; PAINT BRUSH, PCM; PRE-CUT MASK, VF; VINYL FIGURES, VFP; VACUUM FORMED (PLASTIC), WC; WOVEN CORD, WD; WATERSLIDE (DECALS), WS; WOODEN STRIP



FINE MOLDS, JAPAN JASDF F-4EJ FIGHTER

www.finemolds.co.jp

SCALE 1:72

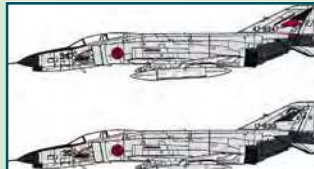
MATERIALS: IM, WS

ITEM NO.FP37

The Phantom II has long been used as the main fighter of the Japan Air Self-Defence Force, the F-4EJ of US Air Force specifications being modified for the Japan Air Self-Defence Force. This is a completely new mould for 2020, with the kit getting onto the market towards the end of the year and into 2021, so it's fresh as a daisy! And what a lovely daisy it is. Fine Molds is a relatively small model manufacturer but the levels of detail and refinement they manage to incorporate in their models is nothing short of spectacular. Their F-4EJ Phantom II is a shining example of this sophistication, the eye-watering detail matched only by the precision of the parts. The central elements of the fuselage are formed integrally with a slide mould, TMMI passim, and the inevitable dividing-lines have been designed to be as inconspicuous as possible. This approach avoids assembly as much as possible too, potentially offering a much 'cleaner' build-up with fewer cementing points. One of the joys of kits like this is there's no need for aftermarket products (with the possible exception of seat harnesses) because nothing needs improving! You can just go ahead and build, enjoying the experience as you go.

+ The evergreen Phantom II, made by Fine Molds. What's not to love?

- Eduard PE seat harnesses will finish the cockpit perfectly



ICM, UKRAINE

DH.82A TIGER MOTH BRITISH TRAINING AIRCRAFT

www.icm.com.ua

SCALE: 1:32

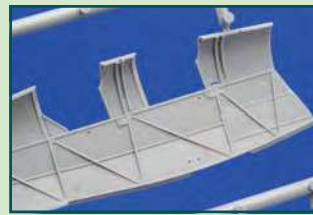
MATERIALS: IM, WS

ITEM NO.32035

Any 1:32 aircraft kit that can be delivered on just three sprues of polystyrene (plus one in clear) must have something missing, right? Not in the case of ICM's newly-tooled 1:32 DeHavilland DH.82A Tiger Moth. Everything you need to build a beautiful kit of this British icon is right there in the box, along with a decal sheet to create one of two examples in RAF service and it really is an elegant production. The kit's designers have clearly gone to great lengths to replicate the ribs and stringers that are hidden behind the 'linen' covering and it looks extremely convincing; the effect extends to the horizontal stabilisers and rudder too. The real Tiger Moth's cockpit was spartan to say the least and the kit replicates this perhaps a little too enthusiastically, as the instrument panels are rather rudimentary and would benefit replacement with an Eduard 'Löök' item, were one to be released in the future. The fuselage builds up from the familiar two halves and the floor is formed integrally with the lower wing, to which are added the control columns and seats, much to the relief of this reviewer who thought these somewhat essential items had been omitted entirely when inspecting the first few pages of the instructions. Ahem.

+ Impeccable subject choice, remarkable surface detail

- A smattering of Eduard PE would fill in a few blanks



OR EPS; EXTRUDED PLASTIC SECTION, F; FABRIC, IM; INJECTION MOULDED (PLASTIC), ITL; INDIVIDUAL TRACK LINKS, LC; LIQUID CEMENT, LCC; LASER CUT CARD, KS, PE; PHOTO ETCH, PEPM; PHOTO-ETCHED BADGES/MIRRORS, PMP; PRE-ASSEMBLED METAL PARTS), PS; PAPER STRIP, R; RESIN, SVT; SOFT VINYL TYRES (OR TUBING),



KINETIC MODELS, HONG KONG

IA 58 PUCARÁ

www.luckymodel.com

SCALE: 1:48 • MATERIALS: IM, PE, WS • ITEM NO.K48078

The Fábrica Militar de Aviones IA 58 Pucará is one of those

'golden' model kit subjects that many modellers have been craving for years, this reviewer included. It's an Argentinian-manufactured ground-attack and counter-insurgency aircraft which came to prominence during the 1982 Falklands War (known to Argentinians as the Islas Malvinas). Several were lost in combat, one being shot down by a Stinger surface-to-air missile fired by the SAS, but despite this, it was a tough machine that could take a lot of punishment. Like so many close air-support aeroplanes, it has a large canopy for an enhanced downward view giving it a slightly ungainly stance that imbues it with a very distinctive profile and also makes it a terrific subject for reproduction as a scale replica. Kinetic have obliged on the latter point and what a marvellous job they have made of it. It's a surprisingly large airframe in 1:48 with its straight wings yielding an impressive 300mm+ wingspan, tip to tip. One clear and five grey sprues make up the box contents, with a modest photo-etched brass fret providing seat harnesses and other fittings. Detail is fantastic, the airframe being rendered with beautifully restrained lines and, hinged service panels, cooling vents and more.

+ An endearingly unlovely aircraft with some fantastic detail and weathering potential

- We have read that the pilot seats lack accuracy but this needs to be confirmed



MINIART, UKRAINE

AVRO 671 ROTA MK.I RAF

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

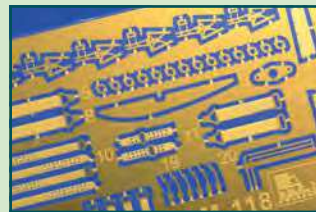
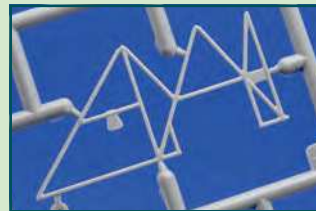
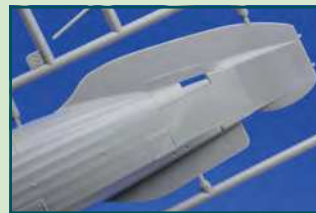
SCALE: 1:35 • MATERIALS: IM, PE, WS • ITEM NO.41008

The AVRO Rota autogyro was designed by Juan de la Cierva as the Cierva C.30 and constructed under licence in Manchester, UK by AV Roe & Co Ltd

(AVRO, of Lancaster fame), who subsequently built seventy-eight examples, fitting it with an Armstrong Siddeley seven-cylinder radial engine that produced 140hp. The first production C.30A (redesignated AVRO 671 Rota) was delivered in July 1934 and twelve were used by the Royal Air Force, arriving in 1934 and 1935, equipping the School of Army Co-operation at RAF Old Sarum near Salisbury, Wiltshire. It's certainly an unusual but very attractive subject for a model and in the military vehicle scale of 1:35, is a nice size too. Eight sprues of grey polystyrene comprise the main structures, with one in clear for the windscreens and a sheet of photo-etched brass in supporting roles. Decals for one of four aircraft are provided, three in camouflage/training colours and one in overall white. For a MiniArt model the parts-count is pleasingly manageable and it looks like it could be completed in a week with some concerted effort. Detail is fantastic and you won't need to buy anything extra, it's all in the box for you! Although it's an autogyro not a helicopter, it will make a nice display-mate for MiniArt's Flettner FL282 helicopter released a few years back.

+ An extremely interesting and eye-catching subject with some lovely camo options

- References are scarce but there's a real one at the IWM in London



New Releases

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

What's in the box?

AD; ACETATE DIALS, **AP**; ACRYLIC PAINT, **CC**; CAST CERAMIC (PLASTER), **CMA**; CAST METAL ALLOY, **CP**; CHROMED PARTS, **CPS**; CLEAR PLASTIC SHEET, **DT**; DRY TRANSFER (DECALS), **EM**; ELECTRIC MOTOR **EPS**; EXTRUDED PLASTIC SECTION, **F**; FABRIC, **IM**; INJECTION MOULDED (PLASTIC), **ITL**; INDIVIDUAL TRACK LINKS, **LC**; LIQUID CEMENT, **LCC**; LASER CUT CARD, **LLT**; LINK AND LENGTH TRACKS, **MC**; METAL CHAIN, **MMA**; MACHINED METAL ALLOY, **MR**; METAL ROD, **MT**; METAL TUBING, **MW**; METAL WIRE, **NM**; NYLON MESH, **PB**; PAINT BRUSH, **PCM**; PRE-CUT MASKS, **PE**; PHOTO ETCH, **PEBM**; PHOTO-ETCHED BADGES/MIRRORS, **PMP**; PRE-ASSEMBLED METAL PARTS), **PS**; PAPER STRIP, **R**; RESIN, **SVT**; SOFT VINYL TYRES (OR TUBING), **VF**; VINYL FIGURES, **VFP**; VACUUM FORMED (PLASTIC), **WC**; WOVEN CORD, **WD**; WATERSLIDE (DECALS), **WS**; WOODEN STRIP



MINIART, UKRAINE EGYPTIAN T-34/85 W/CREW

www.creativemodels.co.uk

SCALE: 1:35 • MATERIALS: IM, PE, WS • ITEM NO.37098

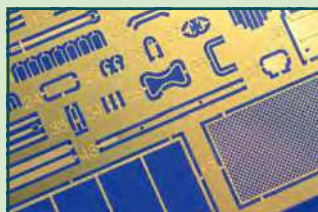
Here's a MiniArt kit that is a lot more MiniArt than the AVRO autogyro reviewed here! The box is simply exploding with sprues, which, once unpacked from their fiendishly clever factory stacking-and-wrapping, made it impossible to replace the lid to anywhere near the closed position. The model depicts the ubiquitous T-34/85 medium tank but here's the twist, it's in Egyptian Army service instead of the more usually seen Red Army examples. The kit was created in 2020 and is state of the art, with extraordinary levels of detail on each of its many, many components, and this isn't even the 'full interior' release. Although much of the hull's internals still carry surface detailing, items such as the driver's controls, turret basket, engine and more are not provided. As gorgeous as these components are, this may come as somewhat of a relief to many. Being a Soviet-made tank fighting in the Cold War, this incarnation of the T-34 comes with a DShK 12.7mm heavy machine gun and MiniArt's 1:35 replica is a real gem; they could sell heaps of these guns in their own packaging. Also in the box is a four-man tank crew which are posed with great imagination and will really bring this desert-based machine to life. A fantastic kit of a lasting icon with stunning detail.



A deeply impressive production that comes with markings for the Six-Day War and in Egyptian service '67 to '73



There's a lot of bits!



REVELL, EUROPE CH-53 GS/G

www.revell.de/en

SCALE: 1:48 • MATERIALS: IM, WS • ITEM NO.03856

The CH-53 Sea Stallion (Sikorsky S-65) is a family of heavy-lift transport helicopters designed and built by Sikorsky Aircraft. Originally developed for use by the United States Marine Corps, it is currently in service with Germany, Iran, Israel, and Mexico. The United States Air Force operated the HH-53 'Super Jolly Green Giant' during the late and post-Vietnam War era, updating most of them as the MH-53 Pave Low. The German-operated CH-53GS is equipped with modernized IFR equipment, additional exterior fuel tanks, low-flight night vision cockpit and NVG, partial ballistic protection, engine dust collectors, missile counter measure and self-defence armament. History: Edited from Wikipedia.

Revell's 1:48 offering of this enormous helicopter is equally huge, its fuselage measuring around 430mm in length with a rotorspan of 457mm! The basics of this kit date back to 1981 and it has re-emerged at least twelve times since, but it has fared well and the exterior surface's raised rivets are remarkably lifelike and accurate. In other areas we can start to see the model's vintage, with simplifications here and there, but overall the impression is positive and a very attractive model can be built straight from the box. Find some references, maybe a little photo-etched detailing and some home-made bits and this model will look absolutely spectacular.



Terrific subject, still very impressive exterior rivets, really nice clear parts



Needs a little work to bring up to modern standards





AMATI

— est. 1879 —



The Italian way of modeling

Item 1614

Plank on frame

Wooden decks

2266 photoetched parts included

16 plywood laser sheets

Building instructions in

2 colour volumes

GERMAN BATTLESHIP BISMARCK

Kriegsmarine 1941



Made in Italy by Amati

1:200

Length 127 cm.

Height 29,2 cm.

Width 18,2 cm.

A NEW WAY OF TOOLS FOR MODELERS



Item 7399
Nail Nailer
*for iron
and brass nails*



Item 7382
**Keel
Klamper**



Item 7393
**Contour
Sander**



Item 7012
Tool Set



Item 7205
**Electric Plank
Bender**



Item 7386
**Master
Cut**



FULL-BUILD: WRC CAR

BELKITS 1:24 PEUGEOT 207 S2000 ● KIT NO.BEL001



HILL-CLIMBING THE ALPS

Alessandro Prini converts the Belkits 1:24 Peugeot 207 S2000 into a hill-climb car that competed at the Trento-Bondone event

The Trento-Bondone Hill Climb is a hill-climbing competition that starts in the town of Trento in Northern Italy and finishes on the Monte Bondone mountain. It is organised by Scuderia Trentina of the Automobile Club d'Italia and the first event was held on 5th July 1925. The course is 17.3 km (10½ miles) in length. It was described as "an absurdly dramatic climb" that begins in the Adige Valley at 275 metres elevation and climbs to 1,650 metres in the Alps at an average gradient of 7.9%. The track is part of

the European Hill Climb Championship and in 2014, the course was recreated in the video game 'Assetto Corsa' by 505 Games.

When thinking about the 1:24 Peugeot 207 S2000 kit from Belkits, I thought it could be a decent working base for a nice model. The proportions were there and with a little work on the fenders, rear-view mirrors and with a set of 18 inch, eleven-spoke Speedline Turini from Reji Model, the project could begin. The livery, as always, was designed by me with AutoCad and CorelDraw.

GENERAL

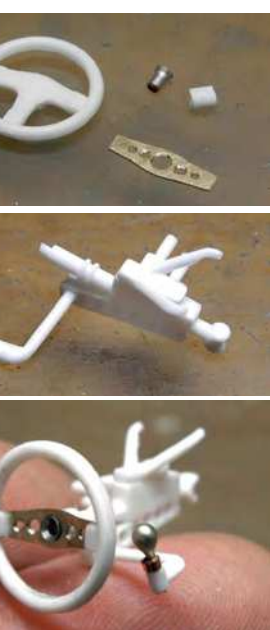
The lines and proportions of the Belkits bodywork are perfect and the components almost free from the annoying mould separation lines. The assembly phases are almost intuitive and the fit of parts is excellent. The plastic is not great to work with, being too elastic, almost rubbery: this required an internal stiffening of the body with a brass rod to prevent excessive twisting from cracking the paint. The extremely precise fit of the window mouldings required some reduction in thickness and dimensions, in order to

avoid chipping to the paint during insertion into the apertures of bodywork.

The kit includes small accessories such as photo-etched parts, self-adhesive masks for painting the edges of the glazings plus some ribbon for the seat belt straps. The tyres come with the correct tread but the wheel rims are slightly too small and unrefined in appearance. Unfortunately, in my kit, the roll-bar struts (as well as being too thin among other things) were crooked, so I had to cut out some sections and fix them. ▶



LPS: PEUGEOT STYLE!



Revision of the steering wheel with brass plate

Revision of the gear lever with new metal knob

The finished gear lever/steering wheel sub-assembly



Detail of the dashboard with steering wheel column painted and assembled



Complete dashboard ready for installation

FULL-BUILD: WRC CAR

BELKITS 1:24 PEUGEOT 207 S2000 ● KIT NO.BEL001

MECHANICAL UNDERPINNINGS

This is a basic kit in this respect: almost nothing on the undersurfaces is present and in the gearbox blocks, differentials and drive shafts that have been represented are only sketchy. At least the exhaust outlets remains visible and are perfectly centred with the hollows in the bumper, protruding sufficiently and are of the correct diameter.

COCKPIT

The cabin is well set up, as in reality; very simple but equipped with what is needed. In my case, since the car was a time trial, I removed the spare wheel and support but the basic systems were left as-is. As I mentioned earlier, the roll-cage required a couple of cuts to replace two very crooked segments, the heat from the hairdryer not being enough to remove the deformity of the piece.

The dashboard air delivery slots were opened up, the gear lever enhanced with small details (metal knob and transmission rod) and the steering wheel was redone; the real car was fitted with a two horizontal spokes, unlike the three spokes in the kit, so I replaced the central part of the steering wheel by adapting a piece of appropriately worked brass and a pair of metal rods to connect it to the steering column. The velvet-like finish of the dashboard and seats was obtained by spraying the paint thicker than normal at a high pressure. On the navigator's door panel I added an emergency hammer and for the composites I employed various carbon/Kevlar decalling. The display with the ratio indicator on the steering column was added and the control tunnel between the seats was lengthened and widened compared to the original part.



Images of the complete passenger compartment before the fitting of the roll-cage

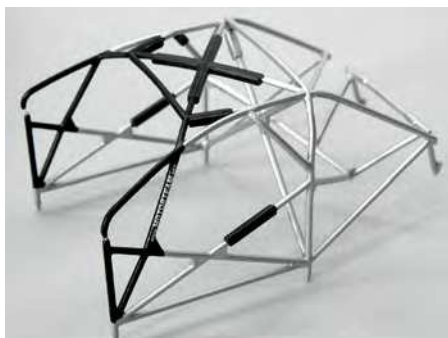
Mini Review...

BARRACUDACAST 1:32 A-1 SKYRAIDER
PROPELLER CORRECTION SET (BR32442)

www.barracudacast.com

Trumpeter's release several years ago of the A-1 Skyraider in 1:32 was a bold move, but sadly, they got the propeller assembly wrong. To correct this, BarracudaCast of California have created this stunning upgrade set in polyurethane resin that completely replaces the kit parts. The four, huge propeller blades exhibit the correct 'twist' and the hub is nicely detailed with bolt-heads in all the right places.





Roll-bar completed, despite the deteriorated plastic



Detail of the team logo decal on a roll-cage strut



Completed rear area of the passenger compartment showing carbon-fiber structures and seat harnesses

CAR BODY

With practically perfect lines (with some reservations on the front fenders) I had to cut away the portions of the fender that weren't fitted to the EVO, both on the front and on the rear, closing up the gaps with plastic card and putty. The joints in the panels were accentuated as usual with the tip of a modelling knife blade. The horizontal joint that outlines the black

edging was removed from the windscreen as it is too low compared to the reference photos, using as abrasives up to 8,000-grit applied by cloth and polished with paste and polish until perfect transparency had been restored.

The reflectors of the front and rear lights received a classic treatment typical for the chrome: in this case I used a set of paints for real wheels made by Duplicolor

(Tuning line) consisting of gloss black and chrome spray-cans.

The rear-view mirrors were quite different from those in the kit (obviously belonging to the 2008 version). Among the leftovers of thirty years of model making, I noticed that by reworking a pair of Porsche rear-view mirror shells, I could attain the curious shape of the 207 EVO's mirrors. Anyway, I came close enough!

WHEELS

The rims used on this model are made by Reji Model; Speedline Turini 18-inch, eleven spokes. They are well priced but unfortunately, I must admit a certain disappointment (oval shaped, too many printing defects, too thin bolts). Finally, each of the five resin bolts were replaced with new parts from KMP (www.kmp-sm.com). ▶



The 'Reji' wheels during the cleaning and filling work. Many defects were found



Adaptation of the internal diameter of the tyres in order to insert the rim correctly



A comparison between the original wheels (left) and the aftermarket items (right)



Test positioning of both wheels/tyres



The set of finished wheels complete with brakes



The door handles were remade from two pieces of sprue, cut, filed and sanded to shape



Test positioning of the new, hand-made door handles

FULL-BUILD: WRC CAR

BELKITS 1:24 PEUGEOT 207 S2000 ● KIT NO.BEL001



The 'EVO' rear bumper redone, filled and ready for painting



Painting of the bodywork components



Detail of the 'EVO' bumper painted in two colours

MATERIAL TREATMENT AND PAINTING

For kit plastic, as always, a mandatory treatment was required for all components, with an excellent primer by Talken which allows the polystyrene to receive paints without subsequent peeling, micro-cracks or detachments, immediately or over time. After this, several light coats of nitrocellulose white were applied, sanded gently from time to time with mild abrasive papers up to the final shot, which was applied very diluted to restore a natural shine.

DECALS

I decided to make my own decals for this project, using computer-design programmes. The final design was broken down into two files: one for the colour only and one for the white only. As always, 'Fides-Grafica' of Verona took care of the printing process.

FINAL NOTES

I have to thank the driver Fabrizio Ferrari for the cordiality and enthusiasm with which he followed the work despite his

commitments, as well as his willingness to provide me with documentation and explain the characteristics of the car. ●

TECHSPEC...

BELKITS 1:24 PEUGEOT 207 S2000
KIT NO.BEL001

Materials:

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

Paints used:

- Humbrol enamel: 85 Semi-Gloss Black, 33 Matt Black, 27003 Metal Cote, 19 Gloss Red
- Tamiya: X-26 Clear Orange, X-27 Clear Red
- Talken: Gray Base, Transparent Gloss, Transparent Matt, Clear Anchor Alkyd
- Duplicolor: Polished Aluminium
- Lechler: Matt Black, Gloss White, Gloss Orange RAL2003

Adhesives used:

- Loctite: Cyanoacrylate
- UHU-plus: Slow two-component Epoxy
- Bindan: White PVA

Extras used:

- Mr Hobby: Mr. Surfacer 1000
- Tamiya: Basic Putty
- Abrasive polishing cloths from 600 to 6000, abrasive polishing paste, photo-etched scrap parts, plastic card tubing and sheet, brass and copper rod

Availability:

- Belkits models are widely available from good model shops and online: www.hiroboy.com
- UK import and distribution by The Hobby Company Limited; www.hobbyco.net



The decals were made by the author for this project





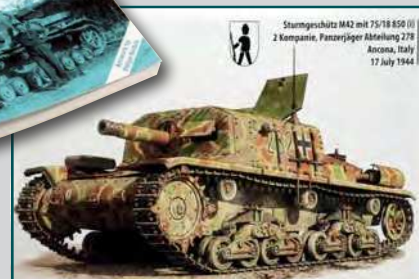
Book Reviews

GOT A NEW BOOK? IF YOU ARE A PUBLISHER WITH A NEW MODELLING RELATED TITLE TO PUBLICISE, WHY NOT SEND IN A COPY FOR REVIEW HERE?

PANZERWRECKS 23 ITALY 3

LEE ARCHER, FELIPE RODNA
www.panzerwrecks.com

The fighting in Italy during WW2 was frequently brutal and certainly involved a wide range of vehicle types on the Axis side. In volume 23 (!) of the fantastic Panzerwrecks book series, attention is turned again to the Italian peninsula, this being the third instalment on destroyed vehicles in the country, the first being volumes 9 (out of stock) and 13. This new release has had its page-count boosted to 128 pages, in the modelling-bench-friendly 280mm by 210mm format and packs quite a punch in the sheer quantity of photographs it provides. We kick off with a KO'd Tiger I near Cisterna which is followed by more Tiger Is in various states of ruin, all making wonderful studies for modelling projects. The Tigers are but one element of this astonishing book, the real highlight being (for this reviewer at least) a series of stunning images depicting the StuG M42 mit 75/34 851(i) (Semovente in Italian service) which make ideal modelling references for Italeri's 'new' 1:35 kit.



BLOODY VIENNA, THE SOVIET OFFENSIVE OPERATIONS IN WESTERN HUNGARY AND AUSTRIA, MARCH - MAY 1945

KAMEN NEVENKIN, PEKO PUBLISHING
www.panzerwrecks.com

To quote the publisher's website; "The Soviet Vienna Operation began on 16 March 1945 when the assault armies of 2nd and 3rd Ukrainian Fronts succeeded in penetrating the Axis defence between Esztergom and Lake Balaton. It ended less than a month later, on 13 April 1945, when all its objectives were achieved, and Vienna was taken. The defeat at Vienna inflicted a mortal blow on the Nazi economy – the Third Reich lost its important economic regions in Hungary and Eastern Austria that were still largely untouched by the war."

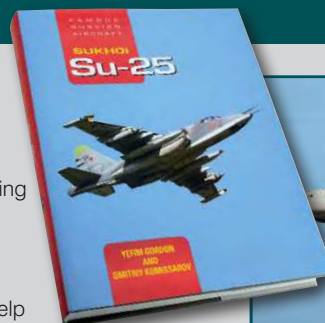
This sums up the theme of the title, but what relevance does it have for scale modellers? As it turns out, lots. We are presented with some superb shots depicting Soviet tank troops with the JS-2, a T-34 ARV, a wonderful image of the mighty Soviet M1931 203mm super-heavy howitzer, Lend-Lease Shermans and M3 Scout Cars plus the ubiquitous SU-76M SPG plus many others. The Axis is depicted with multiple views of the usual types; Panthers, StuGs, Pz.IVs etc., but the real stand-out material here is the excellent imagery of Red Army armour and its crews.



FAMOUS RUSSIAN AIRCRAFT, SUKHOI SU-25

YEFIM GORDON, DMITRIY KOMISSAROV
www.crecy.co.uk

This new, 500+ page, hard-backed tome from respected authors Yefim Gordon and Dmitriy Komissarov in Crécy's 'Famous Russian Aircraft' series looks in detail at the Sukhoi Su-25 ground-attack aircraft. The book gets going with a look back at earlier Soviet ground-attackers and naturally, the greatest of them all, the Il-2 Sturmovik, is given a nod. The following chapters describe the development of the Su-25 in great detail, offering the reader an extraordinary insight into the birth of this purposeful-looking aerial attacker. Every conceivable sub-type is examined, accompanied by masses of good quality photographs. The latter are generally modest in size on the page and as such, don't offer a huge amount to the modeller wishing to up-detail their kit, but useful nonetheless. Colour illustrations scattered throughout show the wide variety of camouflage schemes applied to the Frogfoot and a smattering of cockpit views will help to a degree, but this is more of a background than a visual, walk-around guide.





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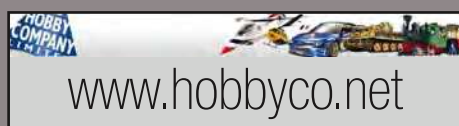


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ISSUE No.305 MARCH 2021 PUBLISHED ON FEBRUARY 18th 2021

Editors: Brett Green, Alan Harman **Publisher:** Alan Harman **Graphic Design:** Alex Hall

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Distributed by: Seymour Distribution, 2 East Poultry Avenue, London, EC1A 9PT **Tel:** 020 7429 4000

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Tamiya Model Magazine is published on the third Thursday of each month by Doolittle Media Ltd. **Editorial enquiries:** editor@tamiyamodelmagazine.com

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Telephone: +44 (0)1525 222573 **Back Issues:** From £4.60 Inc. P&P Back issues from #75 onwards

(excluding #79) are available from the UK address below, or online at www.tamiyamodelmagazine.com

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Subscription rates are: 1 year (12 issues); £47 UK, £59 Europe, £72 Worldwide **Binders:** £8.50 + P&P (UK-£2.45, Europe-£4.45, Worldwide-£6.45).

All prices include postage and packing. For all orders, please call (UK) +44(0)1525 222573 or visit www.tamiyamodelmagazine.com Digital subscriptions available from www.doolittlemedia.com

**Model
MAGAZINE**
INTERNATIONAL

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TO MY NEWSAGENT...

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The Editor's Page...

Tamiya are to launch an all-new 1:35 Kettenkraftrad!

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KETTENKRAD IS BORN AGAIN!

Tamiya's original 1:35 Sd.Kfz.2 Kleines Kettenkraftrad (35029) has done sterling service since its launch in 1973 and has graced many a diorama over the decades. It was affordable and easy to build, encouraging many younger modellers to join this wonderful hobby. As model kit moulding technology evolved, the ability of Tamiya's designers to pack ever more detail and refinement into their creations has grown and grown and thus, it was time to tool up for an all new 1:35 miniature of this familiar World War Two Wehrmacht oddity.

The new release (35377), on sale later this year, will include a detailed engine (moulded in kit plastic this time, unlike the original's cast metal powerplant) and the hatch can be opened and closed. The tracks are in 'link and length' form with individual pads for realism on this prominent area of the model. A driver figure plus two walking infantrymen are included, as is the trailer. Full build feature coming soon to TMMI! ●

Availability;

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



Photo: Bundesarchiv



Photo: Bundesarchiv



Photo: US National Archive

AIRBUS A320neo

CIVIL AIRLINER



MORE THAN JUST A HOBBY

No. 7037

NEW

1/144 SCALE

149 PARTS

25,9 LENGTH (CM)



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Zvezda models are available from good model shops

**INNOVATIONS
IN MODEL KITS**



European spec.

1/24
SCALE

Sophisticated Super Car

1/24 Sports Car Series **McLaren Senna** (Item 24355)

The McLaren Senna was announced by the British auto maker McLaren, which produces high-spec sports cars, at the Geneva Motor Show in 2018. Fittingly for a car upon which the name of legendary driver Ayrton Senna is bestowed, this model was developed as a road car which also facilitates excellent performance at circuits. It features cutting edge design across the car exemplified by extensive carbon fiber sections on the lightweight body, which is designed for impeccable aerodynamics, cooling, and downforce. Power is provided by an 800ps 4-liter V8 twin turbo engine, and the ergonomic body is racing car-esque. With only 500 produced, all of them were sold out upon its release. Now, it is ready to enter your model collection too, as it joins the popular Tamiya 1/24 Sports Car Series. Check out the sophisticated aerodynamic body with your own eyes!



Features a realistic depiction of the V8 twin turbo engine, and choice of dashboard position.

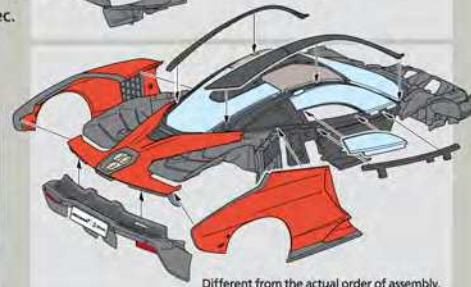


Chassis is composed of ergonomic subframe, engine, and suspension.

Separate parts for brake calipers and discs facilitate easy painting, and ensure that the wheels and brake discs rotate together.

★Front, side and roof windows are fitted individually to the upper monocoque, and body panels such as outer pillars, fenders, and front hood are also attached separately to the frame. These parts enable easier painting, and transparent parts do not require cement.

★The model can be assembled as European, U.S. or Japanese spec.



Different from the actual order of assembly.



U.S. spec.

Metal transfers recreate McLaren logos and more.

Distinctive doors' glass sections and interior fins are also recreated.

Full display model

Length: 198mm, width: 91mm, height: 51mm.

1/24 SCALE SPORTS CAR SERIES **McLAREN SENNA**

Manufactured under license from McLaren Automotive Limited. The McLaren name and logo are registered trademarks of McLaren. Senna is the registered trademark of Ayrton Senna Empreendimentos Ltda. This is an actual scale model and not a toy.

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

