

MALTA GC - 70th ANNIV.
by R.J. Caruana

All the information you'll ever need to create the best aircraft models

www.modelairplaneinternational.com

April 2012 / £4.20 / Issue 81

Model AIRPLANE INTERNATIONAL



Ju 88A-4
Revell's 1:72 kit

OVER
140
New Products
Reviewed

Rufe

Converting the
Tamiya 1:32
A6M kit

Learn with the
Experts
Techniques #3
Soft-edge
Demarcation



Demon

Building the new HobbyBoss 1:48 kit

Kwik Builds of the HobbyBoss 1:48
Yak-38, Platz 1:72 Global Hawk &
Zvezda 1:72 Sukhoi T-50



**BRAND NEW
TOOLING!**

04670 Handley Page "Halifax" Mk.I/II



Actual model detail



Actual model detail



Actual model detail

Unsung Hero

1:72 Handley Page Halifax Mk.I/II

04670

The Halifax is considered to be one of the most famous British bombers of the Second World War, although it was later overshadowed by the Avro Lancaster. It began active service with RAF Bomber Command in 1941 and was flown over Europe, the Near and Middle East.

In addition to its role as a bomber, the Halifax was also used by RAF Coastal Command and Transport Command in the Near and Far East theatres, where it proved popular with air crews. The maximum bomb load was 5,900 kg.

This new Revell tooling includes a very detailed interior with accurate bomb bays, separate ailerons and landing flaps.

Model-details:

- Finely engraved surface detail
- Detailed bomb bay and payload
- Moving ailerons and landing flaps
- Authentic RAF decals

For more details on this brand new 1:72 scale model kit as well as the complete range of Revell products check out our International website at www.revell.eu

Available from branches of



and all good Toy & Hobby Stores.

Revell GmbH & Co. KG,

Orchard Mews, 18c High Street, Tring,

Herts HP23 5AH. Tel: 01442 890285. Fax: 01442 827919.

Email: ukbranch@revell.de Trade enquiries welcome.

©Revell is the registered trademark of Revell GmbH & Co. KG, Germany. All rights reserved.



Build Your Dream!

HOW TO CONTACT US:

Tel: 01525 222573

Fax: 01525 222574

 E-mail: editorial@modelairplaneinternational.com

 Model Airplane International.
Doolittle Mill, Doolittle Lane,
Totterhoe, Bedfordshire,
LU6 1QX, England

EDITORIAL: Publisher: Alan Harman Group Editor: Marcus Nicholls
Editor: Richard A. Franks Artist: Richard J. Caruana
Administration Manager: Hannah McLaurie
Office Manager: Paula Gray
Advertisement Manager: Colin Spinner
Advertising Sales: Mark Peacock
Advertisement Assistant: Joe Brown

ART: Editorial Design: James Upright
Advertising Design & Website: Alex Hall

CONTRIBUTORS:

Alan Bottom, Steve A. Evans, Andy Ieronymides, Carl W. Robertshaw & John 'Tigger' Wilkes

EDITORIAL, ADVERTISEMENT AND CIRCULATION:

 ADH Publishing, Doolittle Mill, Doolittle Lane,
Totterhoe, Bedfordshire, LU6 1QX.
Tel: 01525 222573 Fax: 01525 222574
E-mail: enquiries@modelairplaneinternational.com
DISTRIBUTION: Seymour Distribution, 2 East Poultry Avenue,
London, EC1A 9PT.
Tel: 020 7429 4000

NEWSTRADE: Select Publisher Services, 3 East Avenue, Bournemouth,
BH3 7BW.
Tel: 01202 586848 E-mail: tim@selectps.com
SUBSCRIPTIONS/BACK ISSUES: ADH Publishing, Doolittle Mill, Doolittle Lane,
Totterhoe, Bedfordshire, LU6 1QX.
Tel: 01525 222573 Fax: 01525 222574
Rates: UK £41, Europe £54, Worldwide Air £67.
Website: www.modelairplaneinternational.com

Model Airplane International is published monthly by ADH Publishing Ltd, Doolittle Mill, Doolittle Lane, Totterhoe, Bedfordshire, LU6 1QX. Entire Contents © 2012 ADH Publishing Ltd. Reproduction in part or whole of any text, photograph or illustration without written permission from the publisher is strictly prohibited. While due care is taken to ensure the contents of Model Airplane International is accurate, the publishers and printers cannot accept liability for errors and omissions. Advertisements are accepted for publication in Model Airplane International only upon ADH Publishing's standard terms of acceptance of advertising, copies of which are available from the advertising sales department of MAI.

Contents

MAI VOLUME 7 ISSUE 81 APRIL 2012

16



26



44



6



REGULARS

p4-5 Newsline

p74 Events Diary

p75 Contact Details

p76 News - Just Released

p77 News - Coming Soon

 p82 Next Issue
What's due next month...

12



REVIEWS

p8 Kwik Build

The HobbyBoss 1:48 Yak-38 and Zvezda 1:72 Sukhoi T-50 by Alan Bottoms and the Platz 1:72 Global Hawk by Carl W. Robertshaw

p52 New Releases Kits

The latest kit releases assessed

p58 New Releases Accessories

New products from Aires, Eduard, HGW, Master Model, MDC, Pavla & SBS Models

p70 New Releases Decals

New sheets from AIMS, EagleCals, Fantasy Printshop, IsraDecals, Kagero, Lifelike & Xtradecals



FEATURES

p15 Techniques Guide #3

We continue this new series with a look different methods of achieving soft-edged demarcation by Steve A. Evans

p16 Pirate's Delight

Steve A. Evans builds the 1:48 F3H-2 Demon from HobbyBoss

p26 Maid Of All Work

Andy Ieronymides tackles Revell's new 1:72 Ju 88A-4

p36 Malta GC - 70th Anniv.

by Richard J. Caruana

p44 Water Wings

John 'Tigger' Wilkes converts the Tamiya 1:32 AGM Zero into an AGM2-N Rufe



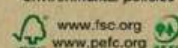
ADVERTISERS' INDEX

 ADH Books..... p43
Adalbertus Military..... p13
Albion Alloys..... p11
Eduard M.A..... p9
Hannants..... p5
Internet Hobbies..... p19

 MPM..... p11
Pocketbond..... p7
Revell..... IFC
Sprue Brothers..... p13
TAHS..... p9
Tamiya Inc..... OBC

 The Hobby Co., Ltd..... IBC
Valiant Wings Publishing p13
White Ensign Models..... p13
MAI Subscriptions..... p78
MAI Back Issues..... p79

The paper used in this magazine is manufactured at the Leipa Georg Mill and is 100% recycled using de-inked pulp. The mill conforms fully with the requirements of both FSC and PEFC and carries the full accreditations for their environmental policies



Any colour as long as it's...

Lifecolor continue to offer special effect paints with this latest release

You will all have seen the various special effect paint sets that Lifecolor offer (Weathered Wood, Mud, Rust & 'Guns & Weapons') well their latest release is this set of different shades of rubber. Inside the usual size box there are six of the 22ml screw-top plastic bottles. The offer the following 'rubber' shades - Dirty Black, Vulcanised Rubber, Tyre Black, Worn Black, Deep Cockpit & Burned Black. Using this set will take a bit of practice, to get used to what shade is best for which application, but having all you need in one place is very useful. The set retails for £15.95 and should be available from all Lifecolor stockists, or in the UK directly from the importer The Airbrush Company - Email: sales@airbrushes.com, Tel: 01903 767800 or visit www.airbrushes.com.



1.48 NORTH AMERICAN (FIAT) F.86 K



Must Have K

Hopefully generally available by the time you read this, will be this new F-86K kit from MustHave! As you will see by the accompany image, the injected kit will come with decals for the following four nations:

- Dutch : No.701 AWW Squadron Klu, RNethAF. Twenthe AFB. Netherland 1959
- French : ECTT 2/I3 ALPES & ECTT 1/I3 ARTOIS. Colmar. France 1957 /58
- Italian : 17° Gruppo , 1° Stormo COT. Istrana-Treviso. Italy 1956
- Norwegian : No.337 Squadron RNoAF. Gardermoen AFB. Norway 1957

The kit will be stocked in the UK by Hannants (see their advert to the right), but for all other enquiries about worldwide distribution contact MustHave! directly at musthavemodel@aol.com.

AirMin 3

Just a quick reminder that Valiant Wings Publishing's new title in the Airframe & Miniatures (AirMin) series covering the Focke-Wulf Fw 190D and Ta 152 series is scheduled to go on sale about the same time this edition hits the newsstand. So if you are interested, but have not ordered a copy yet, please see their advert on page 13 of this edition



EDITOR'S CHOICE

Model Mate

There are various washes on the market at present, but one series that actually offers a dye, rather than a diluted pigment is ModelMate

Many of you will have tried the ModelMate range of products on their stand at the 2011 IPMS/UK Scale Modelworld event, and having seen a number of you using them, I think it is safe to say that many were very taken with the ease with which these washes can be used. Their main benefit is that they are a dye, not an acrylic or resin pigment as most other such products are and as a result they never fully dry. Now that may sound odd, but once a wash is dry that is it, you can't work it any further, but with ModelMate you can as though it is dry to

the touch, as soon as you add water it can be removed, streaked, rubbed off, worn away or lightened.

Thus far the series seen here offers eight colours as follows: Light Grey, Soot Black, Moss Green, Mud Brown, Rusty Red, Oil Brown and Slate Grey. Each comes in a screw top glass jar (that fits a Badger siphon-feed airbrush directly) and contains 22ml. ModelMate Weathering Liquid should be applied to a matt non-porous surface and then left to dry for 30 mins. You can then start to remove it with a damp cloth or cottons buds, streak it with water and a brush or intensify it by applying more thin layers. The trick is to have a go and play about with it on some old prepared bits of model and see just what you can do with it. We will be bringing you a Work Bench 'How to' guide on the use of these liquids in a couple of editions time, but for now if you want to know more about the range, or where you can buy them, visit www.modelmates.co.uk.





For all the very latest news on kit releases, other news and secure online ordering check out our website at www.modelairplaneinternational.com

Flex-i-File

The whole range of Flex-i-File products are now stocked and distributed in the UK by Albion Alloys. The example seen here is the Flex-Set (#550/£22.95), which contains 1x Flex-i-file aluminium frame, 8x assorted tapes and 5x Flex-i-File foam-backed sanding pads (X-Fine 6000 grit, fine 3200 grit, medium 2800 grit and coarse 1500 grit + polisher/finisher stick). The range is well established in our hobby, and well respected, so hopefully with a UK distributor it will gain better availability throughout the country. For details of your local stockist contact Albion Alloys Ltd, Spacemaker House, 518 Wallisdown Road, Bournemouth, Dorset, BH11 8PT. Tel: 01202 511232 or visit www.albionalloys.co.uk



Events

Here is our handy little reminder of the events that will occur between now and our next edition on the 26th April 2012.

United Kingdom

March 24th & 25th Southern Expo at Hornchurch Sports Centre
 March 31st South Devon Model Extravaganza at Ashmoor Recreation Centre
 April 14th Poole Vikings Model Club Annual Show at Parkstone Grammar School
 April 14th Sword & Lance 2012, Darlington

Europe

March 17th & 18th SKALA 2012, IPMS Norway, Gardermoen Int. Airport
 April 1st - Shropshire Model Show at the RAF Museum Cosford
 April 1st 17th IPMS Moorle Model Show at OC Marke, Belgium
 April 14th & 15th Moson Model Show 2012, Hungary

USA

March 17th IPMS/Catawba Valley Scale Modelers Contest and Swap Meet, NC
 March 17th IPMS/Three Rivers Region 4 TRICON 2012, PA
 March 24th IPMS Knoxville Region 3 Smoky Mountain Mini-Con, TN
 March 24th IPMS Warren Region 4 SEMMEX 2012, MI
 March 24th IPMS/South Central Modelers of Minnesota Region 5 8th Annual Scale Model Show, MN
 March 24th IPMS/Flying Tigers Scale Model Builders, Tigerfest XIX, LA
 March 24th IPMS/Wings, Wheels & Keels Model Show & Contest, FL
 March 25th IPMS/Wings & Wheels Modelers, Valleycon 22, MA
 For full details see the Events Diary on page 74 of this edition.



HANNANTS
 'Europe's Number One Model Shops'
www.hannants.co.uk



ELAGA

ELAGA001 1:48 Ipanema EBB-202.

Used in agricultural spraying and fire fighting. It became the first aircraft in the world to be certified to fly on alternative fuel from renewable resources

£19.99

ippanema
 EMB-202



0001 MODELO PLÁSTICO PARA MONTAR Escala 1:48



H.G.Hannant Ltd,

Harbour Road, Oulton Broad, Lowestoft, Suffolk, NR32 3LZ, England.

Open from 09.00 to 17.30 Monday to Saturday.

Phone: 00 44 (0)1502 517444 (8 lines)

0845 130 72 48 local rate

from UK phones only (NOT mobiles)

Fax: 00 44 (0)1502 500521

E-Mail: sales@hannants.co.uk



SUKHOI STEALTH

This new kit by Zvezda is the first injection moulded plastic kit of this aircraft in 1:72. The kit is quite simple in some respects which isn't too surprising considering how new the design is, although there are videos of the test flights on YouTube.

Construction started with the cockpit tub, which is very basic. After a coat of Xtracolor X629 Russian interior Blue Grey the decals for the instrument panel and side consoles were applied and it was all fitted into the upper fuselage half. The ejection seat is a good replica of the K36 and was built up and painted along with the seated pilot figure but left aside for now. Moving on we turn to the intakes and lower fuselage. The intake mouths are made up from three parts each with full length internal trunking consisting of two parts and a compressor face. The intake mouths are a touch vague as far as fit is concerned. They do go together but this is the weakest point of the build. Some lead shot was added to the nose of the lower half before the fuselage was closed up. With the seams cleaned up a few panels lines needed

rescribing. At the same time I used my Olfa P-cutter to deepen the scribed lines for the control surfaces. With the bulk of the assembly more or less done I started on the paintwork. There are large bare metal panels on the rear of the fuselage and these and the jet pipes were sprayed first with Gunze-Sangyo Mr Metal Color 213 Stainless Steel. Afterwards a few smaller access panels were picked out with Citadel Boltgun Metal acrylic. After a wash with thinned Tamiya X19 Smoke all the metalwork was dry-brushed with Citadel Chainmail Silver. When this was all dry everything was masked, including the canopy, and the tail control surfaces were added. With the canopy tacked on with a few spots of PVA the first of the three camouflage colours, Gunze-Sangyo H308 Light Ghost Grey went on. Out with the Tamiya tape again before the second colour, Gunze-Sangyo H337 Greyish

Blue could be applied. After another masking session the final Gunze-Sangyo H54 Navy Blue could go on. With all the tape removed with the exception of the canopy the whole model was given a coat of Johnson's Klear ready for the decals. These went on alright but definitely needed decal solvents to get them to bed down without silvering. One thing I did notice at a later stage (too late!) was that the low visibility star markings should have a white inner border. This is missing on the kit decals. Anyway, with all the excess solvent removed the entire airframe was given a wash of grey ink to bring out the surface detail followed by a coat of Vallejo Satin Clear Rapid. The canopy was popped off and the masking removed. After a quick polish inside and out the ejection seat and pilot were added before fixing the canopy permanently with Pacer Formula

560 glue. With the undercarriage added all that was left was to pick out a few details with a fine brush and add the various antennae and the pitot tube. Once again the basic nature of the kit shows here as the prominent angle of attack vanes are all absent from the pitot tube.

CONCLUSION

With the build completed it's a good looking aircraft in that scheme but it could have had a bit more detail included. One thing I can say is that the shape of the prototype has been captured well here which isn't always the case with this type of kit. I understand that this kit will soon be appearing in a Revell box (1st Qtr 2012) which will make it more readily available. Also rumour has it that Zvezda themselves are working on a 1:48 scale version? Now that would be nice. ■

YOU WILL NEED...

Before Starting:

- Gunze-Sangyo Mr Cement S
- Tamiya Masking Tape
- Cyanoacrylate
- Swann-Morton #3 scalpel
- Tweezers
- Sprue Cutters
- Pacer Formula 560 PVA
- Gunze-Sangyo Mr Mark Setter & Mr Mark Softener decal solutions

Paints Used:

Citadel acrylic:
Boltgun Metal
Chainmail Silver

Gunze-Sangyo Aqueous Color acrylic:
H54 Navy Blue
H308 Light Ghost Grey
H337 Greyish Blue

Gunze-Sangyo Mr Metal Color acrylic:
213 Stainless Steel

Tamiya acrylic:
X-19 Smoke

Airbrush Used:

SATAgat 2
For worldwide distribution and availability visit www.sata.com

Dimensions:

Span - 14m
Length - 19.8m
Height - 6.05m

Dimensions - 1:72

Span - 194.4mm
Length - 275mm
Height - 84mm



MODEL KITS FROM AROUND THE WORLD

POCKETBOND DISTRIBUTION

AVAILABLE IN ALL GOOD MODEL SHOPS



Our new Pocketbond 2012/13 144 page colour catalogue is packed with pictures of more than 2,500 plastic kits from around the world! For your free copy send a £1.23 stamped addressed A4 envelope to the address below. UK residents only. Allow 28 days for delivery.

NEW

Exclusive UK Distributors POCKETBOND LTD (Dept MAI/81)
P.O. BOX 80, WELWYN, HERTS, AL6 0ND. Trade enquiries only on tel 01707 391509, fax 01707 327466, info@pocketbond.co.uk

Prices shown are subject to change due to fluctuation in exchange rates.

KWIK BUILD

SKILL LEVEL: BEGINNER

BUILT & WRITTEN BY
CARL W ROBERTSHAW FROM THE UK**PLANE FACTS**

The Global Hawk is the latest Unmanned Aerial Vehicle (UAV) 'eye-in-the sky' employed for surveillance and reconnaissance at high altitude for extended periods of up to 32 hours. With a wingspan of 39.9m it exceeds its predecessor, the U2, by 8.4m. The Global Hawk's configuration resembles a high tech glider with a jet pack! With its evocative Giger-type Alien skull or computer mouse bulge at the front, oversized slender wings with the turbofan mounted above the rear fuselage between the V-tail completing this odd profile, it is one of the most distinctive and unique looking aircraft today.

1:72**PLATZ****MODEL INFO****SPEC:** Platz 1:72 Global Hawk RQ-4N**KIT NO.:** AC-5 **MATERIALS:** IM**AVAILABILITY:** Platz (manufacturer) worldwide**PRICE GUIDE:** £TBA

THE NEXT GENERATION

Today's air forces now include a wealth of UAVs and with so many of them it is no surprise that the type is making more and more of an appearance in our hobby.

Unfortunately I have to start with the disappointing part of this kit – the box art! Platz have chosen to use a pixelated artist's impression of the Global Hawk for the art of their box. There are no other references that elaborate on the details, proportions or dimensions of the aircraft or the kit enclosed. This is a missed opportunity and especially considering the standard of the other Japanese kit manufacturers. Platz falls far below the standard expected in displaying

this all-important first impression. In researching the RQ-4N there are plenty of evocative images online that inspire the construction of this kit, so my advice – ignore the box and focus on research pictures for reference. Once you've taken the lid off the box (and put it out of sight!) you have five medium grey-coloured sprues holding 35 parts and bagged separately is one small, lonely screw? The instructions are clear and concise and reassure you that this is competently produced kit. The illustrations are easy to follow

eliminating the need to understand the Japanese descriptions through each of the six construction steps. The colours reference call-outs are only for Gunze-Sangyo Mr Aqueous and Model Master paints and being such a simple colour scheme this is not a problem. The panel lines and fit of the model appear good on first viewing and with the build sequence being so short it looks like a straightforward build. Like the aircraft design itself and the box artwork, you shouldn't judge a book by its cover...

The advantage (or disadvantage) of building a UAV model is that there is no cockpit. This means you start by enclosing the turbofan between the fuselage halves. I painted the fan blades and ducts before removing them from the sprues to aid the painting process later on. There are three main parts to the fuselage – two halves and the belly section. I glued two 1p coins into the nose for weight so the kit wouldn't be pulling wheelies in the display case. The instructions do suggest

YOU WILL NEED...

Before Starting:

- Gunze-Sangyo Mr Cement S
- Zap Thin Cyanoacrylate
- Tamiya masking tape
- Tamiya putty
- Sanding sticks
- Tweezers (various types)
- 2mm drill bit
- Swann-Morton #3 scalpel and IOA blades
- Microscale Micro Set and Sol decal solutions

Paints Used:

Tamiya acrylic:
 X-11 Chrome Silver
 X-19 Smoke
 XF-1 Flat black
 XF-2 Flat White
 XF-24 Dark Grey
 XF-56 Metallic grey
 XF-66 Light Grey

Vallejo acrylic:
 Matt Varnish
 White Primer

**Airbrush Used:**

Badger 200G
 For UK distribution and availability visit www.airbrushes.com

**Dimensions**

Span - 39.9m
 Length - 14.5m
 Height - 4.6m

Dimensions - 1:72

Span - 554mm
 Length - 201.4mm
 Height - 63.8mm



The Aviation Hobby Shop

Dept Model Airplane Magazine 04/12

4 Horton Parade, Horton Road, West Drayton, Middlesex UB7 8EA

Tel: (01895) 442123 Fax: (01895) 421412 WWW.TAHS.COM

ALL MAIL ORDER WITHIN THE UK SENT POST FREE

TELEPHONE ORDERS WELCOME, QUOTING VISA / ACCESS / AMEX / DINERS CARD No. AND EXPIRY DATE.

Can't get into the shop? Give us a call on our 24 hour answering machine for a copy of our FREE catalogue. Orders are usually despatched within a few days if in stock. However, due to postal delays, please allow 28 days before enquiring about outstanding items

NEW BOOKS IN STOCK

AF EDITIONS

- Japanese Military Aircraft - Special Units of the Imperial Army £19.99
- Japanese Military Aircraft - Tokubetsu Kogyo Tai - Special Attack Units £19.99

COMBAT COLOURS

- Focke Wulf Fw 100 in World War Two £15.00

KAGERO AIR BATTLES

- Objective - The Caucasus! £15.99

KAGERO MONOGRAPHS

- Messerschmitt Bf 109A-D £19.99
- Adolo Jr 191 £19.99
- Messerschmitt Me 262 Schwab - Vol.1 £19.99

KAGERO SMI LIBRARY

- P-51D Mustang & Cavalier F-51D Conversion! £19.99

MMP BOOKS

- Victory Air Displays - Prague 1946 & 1947 £13.99

OSPREY AIRCRAFT OF THE ACES

- Lufthaffe Vostok Aces 1942-45 £13.99
- MIG 3 Aces of World War II £13.99

SAM PUBLICATIONS

- Build & Convert Airline Military Models £19.99

SCOWAL

- The Blackburn Beverly £30.00

STRATUS

- Japanese Experimental Transport Aircraft of the Pacific War £29.99

NEW KITS IN STOCK

DRAGON 1/144 SCALE

- 14701 Boeing F4U Corsair - Air China £37.50
- 4631 North American X-13 Comco £16.50

EDUARD 1/48 SCALE

- 1156 Sukhoi Su 27 £87.95
- 84163 P-39B Airacobra (Weekend) £9.95

EDUARD 1/74 SCALE

- 4426 MG 17DMT (Dual Comb) £11.50

EDUARD 1/72 SCALE

- 7078 Grumman Hellcat Mk.IV £26.95

JACK 1/144 SCALE - 3 Kits in a Box

- Messerschmitt P 1101 Lufthaffe 1940 £11.50
- DPS 230A Lufthaffe £11.50
- Focke Wulf Ta 153 Lufthaffe 1940 £11.50

REVELL 1/144 SCALE

- 4603 Boeing E-4B Airborne Command Post £17.99

REVELL 1/72 SCALE

- 60028 Gemini Space Capsule £19.99

SAM KITS 1/144 SCALE

- 44-11 Vickers V1000 £51.99

SPECIAL HOBBY 1/48 SCALE

- 43104 Arisped Oxford Mk. III Commonwealth £34.95
- 48121 V-123 Flying Pancake £38.50
- 48122 Arisped Oxford Mk.III RAF £34.95

SPECIAL HOBBY 1/72 SCALE

- 61108 Mitsubishi Ki-61 (Zero) (Zivko) £28.95
- 22042 Polikarpov I-16 (Zenise (Japanized) £28.95

SPECIAL HOBBY 1/72 SCALE

- 72234 Bolton Paul Bristol T.2 £14.95
- 72234 Bolton Paul Sea Hawk T.21 £14.95

TAMIYA 1/48 SCALE

- 61108 Mitsubishi Ki-61 (Zero) (Zivko) £27.50
- 61110 Polikarpov I-16 (Zenise (Japanized) £24.95

FROM THE STOCK ROOM

AIRFIX 1/72 SCALE

- AF12003 Supermarine Spitfire Mk.IA £12.99
- AF12004 Supermarine Spitfire Mk.IB £12.99
- AF12005 Supermarine Spitfire Mk.IC £12.99
- AF12006 Supermarine Spitfire Mk.IV £12.99
- AF12007 Supermarine Spitfire Mk.V £12.99
- AF12008 Supermarine Spitfire Mk.VI £12.99
- AF12009 Supermarine Spitfire Mk.VII £12.99
- AF12010 Supermarine Spitfire Mk.VIII £12.99
- AF12011 Supermarine Spitfire Mk.IX £12.99
- AF12012 Supermarine Spitfire Mk.X £12.99
- AF12013 Supermarine Spitfire Mk.XI £12.99
- AF12014 Supermarine Spitfire Mk.XII £12.99
- AF12015 Supermarine Spitfire Mk.XIII £12.99
- AF12016 Supermarine Spitfire Mk.XIV £12.99
- AF12017 Supermarine Spitfire Mk.XV £12.99
- AF12018 Supermarine Spitfire Mk.XVI £12.99
- AF12019 Supermarine Spitfire Mk.XVII £12.99
- AF12020 Supermarine Spitfire Mk.XVIII £12.99
- AF12021 Supermarine Spitfire Mk.XIX £12.99
- AF12022 Supermarine Spitfire Mk.XX £12.99
- AF12023 Supermarine Spitfire Mk.XXI £12.99
- AF12024 Supermarine Spitfire Mk.XXII £12.99
- AF12025 Supermarine Spitfire Mk.XXIII £12.99
- AF12026 Supermarine Spitfire Mk.XXIV £12.99
- AF12027 Supermarine Spitfire Mk.XXV £12.99
- AF12028 Supermarine Spitfire Mk.XXVI £12.99
- AF12029 Supermarine Spitfire Mk.XXVII £12.99
- AF12030 Supermarine Spitfire Mk.XXVIII £12.99
- AF12031 Supermarine Spitfire Mk.XXIX £12.99
- AF12032 Supermarine Spitfire Mk.XXXX £12.99

AIRFIX 1/48 SCALE

- AF12033 Supermarine Spitfire Mk.IA £12.99
- AF12034 Supermarine Spitfire Mk.IB £12.99
- AF12035 Supermarine Spitfire Mk.IC £12.99
- AF12036 Supermarine Spitfire Mk.IV £12.99
- AF12037 Supermarine Spitfire Mk.V £12.99
- AF12038 Supermarine Spitfire Mk.VI £12.99
- AF12039 Supermarine Spitfire Mk.VII £12.99
- AF12040 Supermarine Spitfire Mk.VIII £12.99
- AF12041 Supermarine Spitfire Mk.IX £12.99
- AF12042 Supermarine Spitfire Mk.X £12.99
- AF12043 Supermarine Spitfire Mk.XI £12.99
- AF12044 Supermarine Spitfire Mk.XII £12.99
- AF12045 Supermarine Spitfire Mk.XIII £12.99
- AF12046 Supermarine Spitfire Mk.XIV £12.99
- AF12047 Supermarine Spitfire Mk.XV £12.99
- AF12048 Supermarine Spitfire Mk.XVI £12.99
- AF12049 Supermarine Spitfire Mk.XVII £12.99
- AF12050 Supermarine Spitfire Mk.XVIII £12.99
- AF12051 Supermarine Spitfire Mk.XIX £12.99
- AF12052 Supermarine Spitfire Mk.XX £12.99
- AF12053 Supermarine Spitfire Mk.XXI £12.99
- AF12054 Supermarine Spitfire Mk.XXII £12.99
- AF12055 Supermarine Spitfire Mk.XXIII £12.99
- AF12056 Supermarine Spitfire Mk.XXIV £12.99
- AF12057 Supermarine Spitfire Mk.XXV £12.99
- AF12058 Supermarine Spitfire Mk.XXVI £12.99
- AF12059 Supermarine Spitfire Mk.XXVII £12.99
- AF12060 Supermarine Spitfire Mk.XXVIII £12.99
- AF12061 Supermarine Spitfire Mk.XXIX £12.99
- AF12062 Supermarine Spitfire Mk.XXXX £12.99

AIRFIX 1/72 SCALE

- AF12063 Supermarine Spitfire Mk.IA £12.99
- AF12064 Supermarine Spitfire Mk.IB £12.99
- AF12065 Supermarine Spitfire Mk.IC £12.99
- AF12066 Supermarine Spitfire Mk.IV £12.99
- AF12067 Supermarine Spitfire Mk.V £12.99
- AF12068 Supermarine Spitfire Mk.VI £12.99
- AF12069 Supermarine Spitfire Mk.VII £12.99
- AF12070 Supermarine Spitfire Mk.VIII £12.99
- AF12071 Supermarine Spitfire Mk.IX £12.99
- AF12072 Supermarine Spitfire Mk.X £12.99
- AF12073 Supermarine Spitfire Mk.XI £12.99
- AF12074 Supermarine Spitfire Mk.XII £12.99
- AF12075 Supermarine Spitfire Mk.XIII £12.99
- AF12076 Supermarine Spitfire Mk.XIV £12.99
- AF12077 Supermarine Spitfire Mk.XV £12.99
- AF12078 Supermarine Spitfire Mk.XVI £12.99
- AF12079 Supermarine Spitfire Mk.XVII £12.99
- AF12080 Supermarine Spitfire Mk.XVIII £12.99
- AF12081 Supermarine Spitfire Mk.XIX £12.99
- AF12082 Supermarine Spitfire Mk.XX £12.99
- AF12083 Supermarine Spitfire Mk.XXI £12.99
- AF12084 Supermarine Spitfire Mk.XXII £12.99
- AF12085 Supermarine Spitfire Mk.XXIII £12.99
- AF12086 Supermarine Spitfire Mk.XXIV £12.99
- AF12087 Supermarine Spitfire Mk.XXV £12.99
- AF12088 Supermarine Spitfire Mk.XXVI £12.99
- AF12089 Supermarine Spitfire Mk.XXVII £12.99
- AF12090 Supermarine Spitfire Mk.XXVIII £12.99
- AF12091 Supermarine Spitfire Mk.XXIX £12.99
- AF12092 Supermarine Spitfire Mk.XXXX £12.99

AIRFIX 1/48 SCALE

- AF12093 Supermarine Spitfire Mk.IA £12.99
- AF12094 Supermarine Spitfire Mk.IB £12.99
- AF12095 Supermarine Spitfire Mk.IC £12.99
- AF12096 Supermarine Spitfire Mk.IV £12.99
- AF12097 Supermarine Spitfire Mk.V £12.99
- AF12098 Supermarine Spitfire Mk.VI £12.99
- AF12099 Supermarine Spitfire Mk.VII £12.99
- AF12100 Supermarine Spitfire Mk.VIII £12.99
- AF12101 Supermarine Spitfire Mk.IX £12.99
- AF12102 Supermarine Spitfire Mk.X £12.99
- AF12103 Supermarine Spitfire Mk.XI £12.99
- AF12104 Supermarine Spitfire Mk.XII £12.99
- AF12105 Supermarine Spitfire Mk.XIII £12.99
- AF12106 Supermarine Spitfire Mk.XIV £12.99
- AF12107 Supermarine Spitfire Mk.XV £12.99
- AF12108 Supermarine Spitfire Mk.XVI £12.99
- AF12109 Supermarine Spitfire Mk.XVII £12.99
- AF12110 Supermarine Spitfire Mk.XVIII £12.99
- AF12111 Supermarine Spitfire Mk.XIX £12.99
- AF12112 Supermarine Spitfire Mk.XX £12.99
- AF12113 Supermarine Spitfire Mk.XXI £12.99
- AF12114 Supermarine Spitfire Mk.XXII £12.99
- AF12115 Supermarine Spitfire Mk.XXIII £12.99
- AF12116 Supermarine Spitfire Mk.XXIV £12.99
- AF12117 Supermarine Spitfire Mk.XXV £12.99
- AF12118 Supermarine Spitfire Mk.XXVI £12.99
- AF12119 Supermarine Spitfire Mk.XXVII £12.99
- AF12120 Supermarine Spitfire Mk.XXVIII £12.99
- AF12121 Supermarine Spitfire Mk.XXIX £12.99
- AF12122 Supermarine Spitfire Mk.XXXX £12.99

AIRFIX 1/72 SCALE

- AF12123 Supermarine Spitfire Mk.IA £12.99
- AF12124 Supermarine Spitfire Mk.IB £12.99
- AF12125 Supermarine Spitfire Mk.IC £12.99
- AF12126 Supermarine Spitfire Mk.IV £12.99
- AF12127 Supermarine Spitfire Mk.V £12.99
- AF12128 Supermarine Spitfire Mk.VI £12.99
- AF12129 Supermarine Spitfire Mk.VII £12.99
- AF12130 Supermarine Spitfire Mk.VIII £12.99
- AF12131 Supermarine Spitfire Mk.IX £12.99
- AF12132 Supermarine Spitfire Mk.X £12.99
- AF12133 Supermarine Spitfire Mk.XI £12.99
- AF12134 Supermarine Spitfire Mk.XII £12.99
- AF12135 Supermarine Spitfire Mk.XIII £12.99
- AF12136 Supermarine Spitfire Mk.XIV £12.99
- AF12137 Supermarine Spitfire Mk.XV £12.99
- AF12138 Supermarine Spitfire Mk.XVI £12.99
- AF12139 Supermarine Spitfire Mk.XVII £12.99
- AF12140 Supermarine Spitfire Mk.XVIII £12.99
- AF12141 Supermarine Spitfire Mk.XIX £12.99
- AF12142 Supermarine Spitfire Mk.XX £12.99
- AF12143 Supermarine Spitfire Mk.XXI £12.99
- AF12144 Supermarine Spitfire Mk.XXII £12.99
- AF12145 Supermarine Spitfire Mk.XXIII £12.99
- AF12146 Supermarine Spitfire Mk.XXIV £12.99
- AF12147 Supermarine Spitfire Mk.XXV £12.99
- AF12148 Supermarine Spitfire Mk.XXVI £12.99
- AF12149 Supermarine Spitfire Mk.XXVII £12.99
- AF12150 Supermarine Spitfire Mk.XXVIII £12.99
- AF12151 Supermarine Spitfire Mk.XXIX £12.99
- AF12152 Supermarine Spitfire Mk.XXXX £12.99

AIRFIX 1/48 SCALE

- AF12153 Supermarine Spitfire Mk.IA £12.99
- AF12154 Supermarine Spitfire Mk.IB £12.99
- AF12155 Supermarine Spitfire Mk.IC £12.99
- AF12156 Supermarine Spitfire Mk.IV £12.99
- AF12157 Supermarine Spitfire Mk.V £12.99
- AF12158 Supermarine Spitfire Mk.VI £12.99
- AF12159 Supermarine Spitfire Mk.VII £12.99
- AF12160 Supermarine Spitfire Mk.VIII £12.99
- AF12161 Supermarine Spitfire Mk.IX £12.99
- AF12162 Supermarine Spitfire Mk.X £12.99
- AF12163 Supermarine Spitfire Mk.XI £12.99
- AF12164 Supermarine Spitfire Mk.XII £12.99
- AF12165 Supermarine Spitfire Mk.XIII £12.99
- AF12166 Supermarine Spitfire Mk.XIV £12.99
- AF12167 Supermarine Spitfire Mk.XV £12.99
- AF12168 Supermarine Spitfire Mk.XVI £12.99
- AF12169 Supermarine Spitfire Mk.XVII £12.99
- AF12170 Supermarine Spitfire Mk.XVIII £12.99
- AF12171 Supermarine Spitfire Mk.XIX £12.99
- AF12172 Supermarine Spitfire Mk.XX £12.99
- AF12173 Supermarine Spitfire Mk.XXI £12.99
- AF12174 Supermarine Spitfire Mk.XXII £12.99
- AF12175 Supermarine Spitfire Mk.XXIII £12.99
- AF12176 Supermarine Spitfire Mk.XXIV £12.99
- AF12177 Supermarine Spitfire Mk.XXV £12.99
- AF12178 Supermarine Spitfire Mk.XXVI £12.99
- AF12179 Supermarine Spitfire Mk.XXVII £12.99
- AF12180 Supermarine Spitfire Mk.XXVIII £12.99
- AF12181 Supermarine Spitfire Mk.XXIX £12.99
- AF12182 Supermarine Spitfire Mk.XXXX £12.99

AIRFIX 1/72 SCALE

- AF12183 Supermarine Spitfire Mk.IA £12.99
- AF12184 Supermarine Spitfire Mk.IB £12.99
- AF12185 Supermarine Spitfire Mk.IC £12.99
- AF12186 Supermarine Spitfire Mk.IV £12.99
- AF12187 Supermarine Spitfire Mk.V £12.99
- AF12188 Supermarine Spitfire Mk.VI £12.99
- AF12189 Supermarine Spitfire Mk.VII £12.99
- AF12190 Supermarine Spitfire Mk.VIII £12.99
- AF12191 Supermarine Spitfire Mk.IX £12.99
- AF12192 Supermarine Spitfire Mk.X £12.99
- AF12193 Supermarine Spitfire Mk.XI £12.99
- AF12194 Supermarine Spitfire Mk.XII £12.99
- AF12195 Supermarine Spitfire Mk.XIII £12.99
- AF12196 Supermarine Spitfire Mk.XIV £12.99
- AF12197 Supermarine Spitfire Mk.XV £12.99
- AF12198 Supermarine Spitfire Mk.XVI £12.99
- AF12199 Supermarine Spitfire Mk.XVII £12.99
- AF12200 Supermarine Spitfire Mk.XVIII £12.99
- AF12201 Supermarine Spitfire Mk.XIX £12.99
- AF12202 Supermarine Spitfire Mk.XX £12.99
- AF12203 Supermarine Spitfire Mk.XXI £12.99
- AF12204 Supermarine Spitfire Mk.XXII £12.99
- AF12205 Supermarine Spitfire Mk.XXIII £12.99
- AF12206 Supermarine Spitfire Mk.XXIV £12.99
- AF12207 Supermarine Spitfire Mk.XXV £12.99
- AF12208 Supermarine Spitfire Mk.XXVI £12.99
- AF12209 Supermarine Spitfire Mk.XXVII £12.99
- AF12210 Supermarine Spitfire Mk.XXVIII £12.99
- AF12211 Supermarine Spitfire Mk.XXIX £12.99
- AF12212 Supermarine Spitfire Mk.XXXX £12.99

AIRFIX 1/48 SCALE

- AF12213 Supermarine Spitfire Mk.IA £12.99
- AF12214 Supermarine Spitfire Mk.IB £12.99
- AF12215 Supermarine Spitfire Mk.IC £12.99
- AF12216 Supermarine Spitfire Mk.IV £12.99
- AF12217 Supermarine Spitfire Mk.V £12.99
- AF12218 Supermarine Spitfire Mk.VI £12.99
- AF12219 Supermarine Spitfire Mk.VII £12.99
- AF12220 Supermarine Spitfire Mk.VIII £12.99
- AF12221 Supermarine Spitfire Mk.IX £12.99
- AF12222 Supermarine Spitfire Mk.X £12.99
- AF12223 Supermarine Spitfire Mk.XI £12.99
- AF12224 Supermarine Spitfire Mk.XII £12.99
- AF12225 Supermarine Spitfire Mk.XIII £12.99
- AF12226 Supermarine Spitfire Mk.XIV £12.99
- AF12227 Supermarine Spitfire Mk.XV £12.99
- AF12228 Supermarine Spitfire Mk.XVI £12.99
- AF12229 Supermarine Spitfire Mk.XVII £12.99
- AF12230 Supermarine Spitfire Mk.XVIII £12.99
- AF12231 Supermarine Spitfire Mk.XIX £12.99
- AF12232 Supermarine Spitfire Mk.XX £12.99
- AF12233 Supermarine Spitfire Mk.XXI £12.99
- AF12234 Supermarine Spitfire Mk.XXII £12.99
- AF12235 Supermarine Spitfire Mk.XXIII £12.99
- AF12236 Supermarine Spitfire Mk.XXIV £12.99
- AF12237 Supermarine Spitfire Mk.XXV £12.99
- AF12238 Supermarine Spitfire Mk.XXVI £12.99
- AF12239 Supermarine Spitfire Mk.XXVII £12.99
- AF12240 Supermarine Spitfire Mk.XXVIII £12.99
- AF12241 Supermarine Spitfire Mk.XXIX £12.99
- AF12242 Supermarine Spitfire Mk.XXXX £12.99

AIRFIX 1/72 SCALE

- AF12243 Supermarine Spitfire Mk.IA £12.99
- AF12244 Supermarine Spitfire Mk.IB £12.99
- AF12245 Supermarine Spitfire Mk.IC £12.99
- AF12246 Supermarine Spitfire Mk.IV £12.99
- AF12247 Supermarine Spitfire Mk.V £12.99
- AF12248 Supermarine Spitfire Mk.VI £12.99
- AF12249 Supermarine Spitfire Mk.VII £12.99
- AF12250 Supermarine Spitfire Mk.VIII £12.99
- AF12251 Supermarine Spitfire Mk.IX £12.99
- AF12252 Supermarine Spitfire Mk.X £12.99
- AF12253 Supermarine Spitfire Mk.XI £12.99
- AF12254 Supermarine Spitfire Mk.XII £12.99
- AF12255 Supermarine Spitfire Mk.XIII £12.99
- AF12256 Supermarine Spitfire Mk.XIV £12.99
- AF12257 Supermarine Spitfire Mk.XV £12.99
- AF12258 Supermarine Spitfire Mk.XVI £12.99
- AF12259 Supermarine Spitfire Mk.XVII £12.99
- AF12260 Supermarine Spitfire Mk.XVIII £12.99
- AF12261 Supermarine Spitfire Mk.XIX £12.99
- AF12262 Supermarine Spitfire Mk.XX £12.99
- AF12263 Supermarine Spitfire Mk.XXI £12.99
- AF12264 Supermarine Spitfire Mk.XXII £12.99
- AF12265 Supermarine Spitfire Mk.XXIII £12.99
- AF12266 Supermarine Spitfire Mk.XXIV £12.99
- AF12267 Supermarine Spitfire Mk.XXV £12.99
- AF12268 Supermarine Spitfire Mk.XXVI £12.99
- AF12269 Supermarine Spitfire Mk.XXVII £12.99
- AF12270 Supermarine Spitfire Mk.XXVIII £12.99
- AF12271 Supermarine Spitfire Mk.XXIX £12.99
- AF12272 Supermarine Spitfire Mk.XXXX £12.99

AIRFIX 1/48 SCALE

- AF12273 Supermarine Spitfire Mk.IA £12.99
- AF12274 Supermarine Spitfire Mk.IB £12.99
- AF12275 Supermarine Spitfire Mk.IC £12.99
- AF12276 Supermarine Spitfire Mk.IV £12.99
- AF12277 Supermarine Spitfire Mk.V £12.99
- AF12278 Supermarine Spitfire Mk.VI £12.99
- AF12279 Supermarine Spitfire Mk.VII £12.99
- AF12280 Supermarine Spitfire Mk.VIII £12.99
- AF12281 Supermarine Spitfire Mk.IX £12.99
- AF12282 Supermarine Spitfire Mk.X £12.99
- AF12283 Supermarine Spitfire Mk.XI £12.99
- AF12284 Supermarine Spitfire Mk.XII £12.99
- AF12285 Supermarine Spitfire Mk.XIII £12.99
- AF12286 Supermarine Spitfire Mk.XIV £12.99
- AF12287 Supermarine Spitfire Mk.XV £12.99
- AF12288 Supermarine Spitfire Mk.XVI £12.99
- AF12289 Supermarine Spitfire Mk.XVII £12.99
- AF12290 Supermarine Spitfire Mk.XVIII £12.99
- AF12291 Supermarine Spitfire Mk.XIX £12.99
- AF12292 Supermarine Spitfire Mk.XX £12.99
- AF12293 Supermarine Spitfire Mk.XXI £12.99
- AF12294 Supermarine Spitfire Mk.XXII £12.99
- AF12295 Supermarine Spitfire Mk.XXIII £12.99
- AF12296 Supermarine Spitfire Mk.XXIV £12.99
- AF12297 Supermarine Spitfire Mk.XXV £12.99
- AF12298 Supermarine Spitfire Mk.XXVI £12.99
- AF12299 Supermarine Spitfire Mk.XXVII £12.99
- AF12300 Supermarine Spitfire Mk.XXVIII £12.99
- AF12301 Supermarine Spitfire Mk.XXIX £12.99
- AF12302 Supermarine Spitfire Mk.XXXX £12.99

AIRFIX 1/72 SCALE

- AF12303 Supermarine Spitfire Mk.IA £12.99
- AF12304 Supermarine Spitfire Mk.IB £12.99
- AF12305 Supermarine Spitfire Mk.IC £12.99
- AF12306 Supermarine Spitfire Mk.IV £12.99
- AF12307 Supermarine Spitfire Mk.V £12.99
- AF12308 Supermarine Spitfire Mk.VI £12.99

"Once the wings are secured, you have a very wide, delicately thin model indeed"



◀ adding IOG into the nose at this stage, something that some manufacturers miss. Before closing the fuselage with the belly section, the screw is used to secure a retaining plate. This ensures a secure and correct location for the long slender wings. The tail section of the fuselage is next. The fit is not exact so you will need to fill the gaps within the complex of curves. The locating tabs for the V-tail sections are reassuringly positive. There is a dimple in the plastic at the base of each tail fin (and in the lens of the chin camera), which will need addressing if you are a perfectionist. The long slender wings are built up next and exhibit a slight curve to the lower insert sections. Pegging the wings to a solid box while the glue dried ensured the problem was eliminated. The fit of the upper and lower halves exposes a noticeable gap, which again needs filling. Once you

are happy with each wing you insert them positively into position with the confidence that their alignment will be correct thanks to the retaining plate. At the wing root, there is a large gap between the fuselage and the wing. Patience is needed here, as this is a tricky area to fill due to the surface detail being quite fine and close to the join. Once the wings are secured, you have a very wide, delicately thin model indeed. The model now has its glider-like proportions and it is a good idea to clear some desk space at this stage! Also of note are the pitot tubes finely moulded into the V-tail. These managed to survive the proverbial knocks during the whole construction process thanks to the flexibility and quality of the plastic Platz have used. There are several antennae and bulges to attach, and a couple of these are very delicate indeed. Best to add these

after the main painting stages, saving yourself the need to deposit more coins in the swear box. Finally, paint. I started with an overall primer coat using Vallejo's acrylic/urethane White Primer. This provided a good base for the two main colours - white and dark grey. I took the unusual step of spraying the main colour first (FS38118 is the official colour code) and I used Tamiya XF-24 Dark Grey. Then I masked the areas to remain grey and sprayed Tamiya XF-2 white on the upper wings and wheel bays, as well as the smaller undercarriage parts still attached to the sprues. With a coat of Future Floor Wax to seal in the paint layers and provide the necessary gloss base for the decals, I was looking forward to seeing this strange mixed bag of design references come together. I chose to use the more exotic Navy option of

the five imaginary schemes offered in the kit. The decals are printed by Cartograf and as to be expected, they are without fault, except for two individual stars and stripes decals that are printed backwards? Because the schemes are fictional this allows you some artistic licence when finishing the model. One of the schemes is a tempting white and fluorescent orange Oceanographic option that would make a striking representation. To complete the build I added a pin wash of dark grey to the panel lines on the fuselage. The panel lines on the wings are too fine to hold a wash, but this doesn't matter, as these aircraft are pristine clean in every reference image. Masking the upper white surface of the wings then spraying a matt coat to bring the paint together completes the painting and all that is left is to add is the undercarriage. ■

REFERENCES

- *Birds of Prey - Predators, Reapers and America's Newest UAVs in Combat* by B. Yenne (Specialty Press 2010 ISBN: 978-1-58007-153-6)
- *Unmanned Aerial Vehicles* by Steven J. Zaloga (Osprey Publishing 2008 ISBN: 978-1-84603-243-1)



FINAL VERDICT

Platz have a good model in their line-up of UAVs with this edition of the Global Hawk. It is an easy build for a beginner and the more experienced modeller will be able to create a first class example utilising the fine mouldings and details included in the kit. A good indicator of the quality is that there is no flash at all on any of the parts. Italeri have the same model rebored with plastic in a darker grey. They don't mention nose weight in their instructions and the decals are clunky and blurred so I would therefore recommend the Platz model. The plus points far outweigh the minor negatives. Get past that unattractive box artwork and discover this pleasingly large 1:72 model.

⚠ Always ensure that you work in a well-ventilated area when using solvents

ALBION ALLOYS
Precision Metals

Bringing Precision Metals to Scale Modelling
Slide Fit Micro Tubes & More...

New product information available on website

Model by Andy Argent




FLEX-I-FILE
"for the precise model miniaturist"

Flex-i-file & Albion Alloys Glue Applicators and Finishing Products

Visit our updated website for information, YouTube video links and downloadable instruction sheets. All Product available from good model shops

www.albionalloys.co.uk



PLASTIC MODEL KITS

Visit an official website & e-shop at www.cmkkits.com

Producer & distributor

1/48 SH48119
T-2 BUCKEYE
"Red & White Trainer"
LIMITED REISSUE!

1/48 SH48116
Seafire F Mk.XV
"Far East Service"
LIMITED REISSUE!

1/72 SH72207
SAAB J-21R
LIMITED REISSUE!

1/32 A094
Bloch MB.152C.1
"Red & Yellow Stripes"

THIS MONTH IN TMMI

Tamiya Model Magazine International 198 - Apr'12

- The building painting and weathering of Tamiya's new M51 Israeli Super Sherman is complete
- Hobbyboss's recent 1:35 Merkava IV built 'straight from the box'
- Converting Tamiya's 1:35 JGSDF LAV into a postapocalyptic Police Car...
- Nuremberg Toy Fair 2012 report
- Plus Models' 1:35 Russian GAZ 61-417 gun tractor
- Creating panel-line colours washes
- Revell's 1:24 Mercedes-Benz SLS AMG

and much more...



OUT NOW



www.tamiyamodelmagazine.com

THIS MONTH IN MMI

Model Military International 072 - Apr'12

- Kit Form Services' 1:24 scale Ferret Pt.1 by Brett Green
- Cz Kolnec 1:35 scale kit by Carlos Bravo Rodriguez and Joaquin Garcia Gázquez
- MiniArt Valentine Mk.IV by Jose Brito
- Foliage Tech Guide Pt.1 by Luke Pitt
- Kinetic 1:35 M-ATV
- HobbyBoss RSOV Landrover by Andy King
- Inside the Armour Covenant by Brett Green

and much more...



OUT NOW



www.modelmilitary.com

KWIK BUILD

SKILL LEVEL: BEGINNER

BUILT & WRITTEN BY ALAN BOTTOMS FROM THE UK

**PLANE FACTS**

The Yak-38 is the Soviet Naval Aviation's first and only operational V/TOL strike fighter and it was developed specifically for use on the Kiev-class aircraft carriers. Initial design studies looked very much like the Hawker P.1154, but the potential supersonic performance would have resulted in many difficulties so it was decided to develop a simple aircraft limited to Mach 0.95. Although developed from the Yak-36 the Yak-38 and Yak-38M have almost nothing in common. The prototype was completed on the 14th April 1970 and although it used vectored thrust like the Harrier, it also had two smaller, less powerful, engines housed in the front part of the fuselage that were used purely for take-off and landing. The second prototype flew (conventional) on 15th January 1971, the third (in short take-off mode) on the 25th May 1971 and sea trials were seen by Western observers aboard the aircraft carrier Kiev in 1975. A total of 231 Yak-38 aircraft were produced, including 38 two-seat Yak-38U trainers.



JUMPIN' YAK

When you think of vertical take-off and landing jets you immediately think of the Harrier. Well, the Russians had one too in the form of the Yak-38 Forger.

The Forger entered service around 1980 and was retired in 1991. This relatively short service life probably explains why the model manufacturers haven't been that keen on producing kits of this aircraft, until now. HobbyBoss has released some very interesting subjects over the last few years, some of which have never been kitted in injection moulded plastic before. They have done it again with this kit of the Yak-38 in 1:48. Compared to some of their previous kits like the Tomcat,

Tornado and F-111, this is a relatively simple kit consisting of 153 parts on seven sprues, six grey-coloured and one clear. All are cleanly moulded with very little in the way of flash, mould separation lines or ejector pin marks to clean up. The nicely printed decal sheet is complemented by a large full-colour painting and decal placement sheet showing the three options. The instruction sheet is well laid out in fifteen fairly sensible stages. Apart from a reasonable selection of external stores other options included are the

position of the rotating nozzles, open or closed lift engine doors and folded wings. The last option does require the wings to be cut as they are moulded in the lowered position. All in all a nice box of goodies so let's see how it went together. Construction started with the cockpit, which is a simple tub, joystick and instrument panel with enough detail to look busy with the canopy closed. You have the option of painting the instrument detail or using the decal supplied. After a coat of Xtracolor X629

Russian Interior Blue/Green I did a bit of both painting some of the raised detail and sections of the instrument panel decal for the dials. The ejection seat is a very good representation of the K36 seat made up from ten parts. The harness straps are moulded on to the cushion and with careful painting these look fine under the closed canopy. The seat and stick were left aside for now to make masking the cockpit easier at the painting stage. The next step deals with the nose gear and bay. After a quick test fit I found that

1:48**HOBBY BOSS****MODEL INFO**

SPEC: HobbyBoss 1/48th Yakovlev Yak-38/Yak-38M Forger A

KIT NO.: 80362 **MATERIALS:** IM

AVAILABILITY: Creative Models Ltd (UK Importer) and HobbyBoss stockists worldwide

PRICE GUIDE: £21.99

YOU WILL NEED...

Before Starting:

- Gunze-Sangyo Mr Cement S
- Cyanoacrylate
- Tamiya masking tape
- Humbrol Maskol
- Tamiya putty
- Tweezers (various types)
- Swann-Morton #3 scalpel and blades
- Microscale Micro Set and Sol decal solutions

**Paints Used:**

Gunze-Sangyo Mr Aqueous Hobby Color acrylic:
H8 Silver
H54 Navy Blue
H309 Green FS34079

Gunze-Sangyo Mr Metal Color acrylic:
213 Steel

Tamiya acrylic:
X-19 Smoke

Xtracolor enamel:
X629 Russian Interior Blue/Green

**Airbrush Used:**

SATAgraf 2
For worldwide distribution and availability visit www.sata.com

**Dimensions**

Span - 24ft 1/4in (7.32m)
Length - 50ft 10 1/4in (15.50m)
Height - 14ft 4in (4.37m)

Dimensions - 1:48

Span - 152.5mm
Length - 322.9mm
Height - 91mm

AIRFRAME & MINIATURE
No.3

for the enthusiast and modeller

NEW

The Focke-Wulf Fw 190D and Ta 152

by Richard A. Franks

128 pages packed with vital information that no active aviation modeller should be without

1/72nd, 1/48th and 1/32nd scale full kit builds by Libor Jekl, Steve Evans & Richard Franks

Next in series

- 40+ pages of technical information
- 20+ pages of walkaround images and technical diagrams
- 5+ pages of camouflage and markings
- 25+ pages of model builds and modelling information
- 200+ photographs including wartime images
- Colour side views and four-views by Richard Caruana
- 3D isometric views of all variants by Jacek Jackiewicz
- A full set of fold-out 1/48th scale plans

Pre-order your copy today for only £17.95! +p&p

www.valiant-wings.co.uk

+44 (0)1234 273434

valiant-wings@btconnect.com

AirMin No.1 Me 262 and AirMin No.2 The Hawker Typhoon still available




SCRAMBLE!

REAL-TIME Inventory
If We List It-WE STOCK IT!

IN STOCK To Us Means WE HAVE IT IN OUR WAREHOUSE!

We Ship In ONE BUSINESS DAY Or LESS!

ESTABLISHED 2004

Sprue Brothers Models Ltd

spruebrothers.com

Visit Us Today For Your Scale Modeling Needs !

1/32 FLYCATCHER BY SILVER WINGS

AVAILABLE FROM WHITE ENSIGN

Resin kit with metal & PE parts



£90.83 + VAT

Plus our usual huge range of ship, armour and aircraft kits and accessories, and over 300 COLOURCOATS authentic ship, armour and aircraft paints.

WHITE ENSIGN MODELS, Unit 5, Cobnash Ind. Est., Kingsland, Leominster, HR6 9RW.

Tel: 01568 709149 E-mail: wem@onetel.com www.whiteensignmodels.com

NEW!





Attack Squadron

www.attacksquadron.pl

Available in:
www.adalbertus.com.pl






KWIK BUILD

SKILL LEVEL: BEGINNER

"The other point with these is that the intake trunking isn't very long and just stops at a blank panel. Something for the aftermarket boys to get stuck into"



once again I could leave the nose gear aside and install that later too. These two assemblies could now be installed in the forward fuselage halves not forgetting the forward steering jet nozzle. No mention of nose weight is mentioned and I don't think it needs any but a few balls of lead shot went in anyway, better safe than sorry. Setting the nose section aside the next couple of steps deal with the lift engines and rear nozzles. The lift engine upper and lower bays and rear nozzle bulkhead assemblies can all be fitted into the rear fuselage along with the main undercarriage bays now. The compressor faces and rear nozzles can be added later in the build once again simplifying the painting process. The fuselage halves can now be closed up and the cockpit section added, all nailed together with Gunze-Sangyo

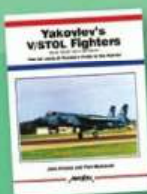
Mr Cement S. Now we come to possibly the weakest area of the kit, the intakes. The fit of the intakes and splitter plates was nowhere near as good as the rest of the kit requiring a smear of Tamiya putty and some sanding to blend them in. Not the end of the world but surprising considering how good the engineering is for the rest of the model. The other point with these is that the intake trunking isn't very long and just stops at a blank panel. Something for the aftermarket boys to get stuck into. Moving on, the wings were assembled and once cleaned up were added to the fuselage along with the tailplanes and rudder. Just a quick skim of Vallejo White putty was all that was needed along the joints. Whilst the airframe was setting solid the underwing pylons, undercarriage legs and wheels were assembled and painted. At this

stage the only large parts left to add to the airframe are the two sections on the underside that surround the rear nozzles. Although they are fairly complex shapes the fit was excellent. With the addition of some lumps, bumps and intakes we are nearly ready for some paint. The cockpit was masked up with Tamiya tape and all the various doors were mounted on a board with cheap masking tape ready to be sprayed. The first colour to go on was the underside green, which in this case was Gunze-Sangyo H309. When that had dried it was masked up and the topside Gunze-Sangyo H54 Navy Blue applied. With the underside masking removed I then masked and sprayed the inner faces of the doors, undercarriage and lift engine bays Gunze-Sangyo H8 Silver. The rear exhaust nozzles, lift engine fans and surrounding panels were next and it was Gunze-Sangyo Mr Metal Color 213 Steel for these. When all was dry, bays, fans and undercarriage legs received a wash

of thinned Tamiya X-19 Smoke. In preparation for the decals everything got a couple of coats of Johnson's Clear and was then left to dry for a couple of days. This was a good time to build and paint some stores, the ejector seat and the canopy ready for final assembly. In this case I chose a pair of UB32M rocket pods and R60 air-to-air missiles. Moving back to the airframe it was time for some decals of which there are quite a few as you get a full set of stencils as well as national and squadron markings. These went on very well with just a few touches of Micro Set/Sol to bed them down. Once dry any excess decal solution was removed with a damp tissue and the entire airframe was treated to a wash of thinned Grey Ink to highlight the engraved detail. All the pre-painted undercarriage, doors, weapons etc. were added now and the whole lot was given a coat of Vallejo Satin Rapid Clear to blend it all together. With the canopy and the various antennae added I could sit back and admire my handiwork. ■

REFERENCES

- *International Air Power Review Volume 10* (Airtime Publishing Inc. 2003 ISBN: 1-880588-59-5/1-880588-58-7)
- *Soviet Secret Projects, Bombers since 1945* by T. Buttler & Y. Gordon (Midland Counties Publications 2004 ISBN: 1-85780-194-6)
- *Yakovlev Aircraft since 1924* by B. Gunston & Y. Gordon (Putnam 1997 ISBN: 0-85177-872-0)
- *Yakovlev's V/STOL Fighters* by J. Fricker & P. Butowski, Aerofax (Midland Counties 1996)
- *Yakovlev Yak-36, Yak-38 & Yak-41* by Y. Gordon, Red Star Vol.36 (Midland Publishing 2008 ISBN: 1-85780-287-0)

**FINAL VERDICT**

To sum up then, this was a really nice kit to build. It is reasonably well detailed out of the box, has no real horror stories and is very well priced in today's market. I hope HobbyBoss continue to bring us quality kits of unusual subjects for many years to come. A MiG-25 or 31 would be nice (I second that - Ed)!

Was it worth it....., definitely, would I build another....Yes indeed!

⚠ Always ensure that you work in a well-ventilated area when using solvents

Technique

We continue our series of techniques used by MAI contributors with a look at achieving soft-edge demarcation.

■ BACKGROUND.....

There are various ways of achieving hard edges on camouflage schemes, but getting the edges soft whilst ensuring that they do not become 'fuzzy' can be a problem. What follows are the two methods used by Steve A. Evans

SOFT-EDGED CAMOUFLAGE SCHEMES

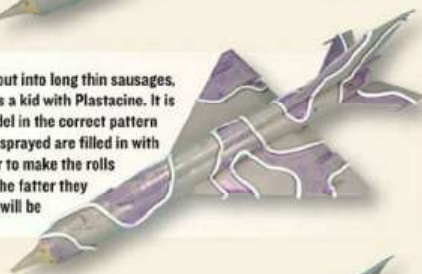
The Blu-Tack Method

A large number of camouflage schemes have soft demarcation edges, if those edges are very soft then it's easy enough to do free-hand with an airbrush but if you need a more controlled demarcation then you need some form of masking. This technique is one that's used a lot these days and it's fairly quick and easy if you remember to follow some simple rules. In this case the model is the 1:48 MiG-21 from Eduard (See Issue 78).

1. The base colour is applied and left to dry for as long as possible. This is to make sure that the Blu-Tack doesn't affect it too badly



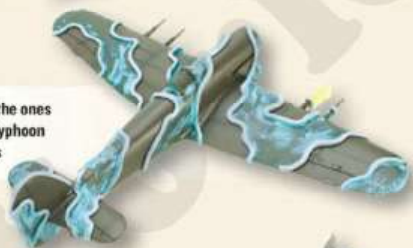
2. The Blu-Tack is rolled out into long thin sausages, just like you used to do as a kid with Plastacine. It is then draped over the model in the correct pattern and the bits to remain unsprayed are filled in with masking fluid. Remember to make the rolls as uniform as possible. The fatter they are, the softer the edges will be



3. Once the paint is sprayed then get that Blu-Tack off the kit! This is vitally important. DO NOT let it stay on the kit for prolonged periods. Blu-Tack (and all the other products like it) are made from oil based compounds and will damage the paint, permanently in some cases. Notice that the edges are very uniform in appearance



4. Thicker rolls, like the ones applied to this 1:48 Typhoon will give softer edges



5. If you don't have any masking fluid then tape will do. The tape adhesive will really grab hold of the Blu-Tack so be careful positioning it



The Paper Mask Method

If you don't have any Blu-Tack to hand, or not enough of it to make a bunch of thin rolls, then you might like to think about using a truly ancient technique; paper masks. This is the simple idea of using a paper mask, cut to the right size and shape, to provide the mask for applying paint over.

6. This is the Hasegawa 1:32 Bf 109G-6 and you can see that it is already coloured with the RLM 75 but needs the RLM 74 splinter camouflage applied



7. Simple paper masks cut to the exact pattern are stuck to the surface of the kit, either by small blobs of Blu-tack, or double sided tape. The masks are left to sit above the surface of the kit; the bigger the gap, the softer the edge. So remember, if the mask is touching the surface, you'll get a hard edge



8. Paint applied in thin layers and perpendicular to the surface with an even application along all the edges and hey-presto, a soft splinter



9. It is also a great technique to use for areas of over-sprayed paint, such as national markings. The mask is a rough-edged version in this case to create a scruffier look for an 'in the field' paint-job



10. Softened edges to the colours and over-sprayed areas leave it looking very 'organic'



11. But you don't need straight edges for this technique, any shape will do. Here it's the random squiggles of the F-22 Raptor paint. Notice the (relatively) even gaps beneath the mask edges



NEXT MONTH

John 'Tigger' Wilkes offers a concise guide to painting pilot figures



PIRATES' DELIGHT

Another in the never-ending series of 50s jets from the USA, the Demon was the ancestor of the mighty F-4 Phantom II



It has a huge place in history because of that but in all honesty it was another also-ran in the performance stakes. That's not to say it isn't a very interesting looking machine and HobbyBoss are really doing us proud with this kind of release, one that many of the other major companies wouldn't look at twice. HobbyBoss have been constantly improving over the years with some great looking plastic and this kit is one of their best. The medium grey sprues come in a sturdy box and are beautifully moulded with restrained external detail

that is crisp and not too 'rivety'. There are no sink marks or shrinkages, whilst internal detail is very fine indeed. I love the fact that there is no unnecessary wasted stuff like opening avionics panels and complete engines that will never be seen. HobbyBoss have given us all the detail that can be seen on the real thing like the undercarriage and air-brake bays, the arrestor hook and tail bumper as well as a really good looking cockpit. You also get a very well printed instruction booklet and two large decal sheets with four options on there, all of which are really good

ones, without getting too gaudy. It's not all good news, though, as the box-top art is still uninspiring and the stars and bars on the decal sheet are wrong, again! More on that later but let's get on with the build.

The Demon is an odd shaped bird, that's for sure and the construction highlights that fact with a strange collection of shapes that come together to make the final thing. It all starts with the cockpit and as I said the detail here is very nice with plenty of raised mouldings to pick out with paint, or there are decals for the instrument

panels if you'd prefer. The only negative point for the interior is the ejection seat, which is a simple moulding of the early McDonnell seat and not the more common Martin-Baker unit. It needs some cushions and belts to liven it up, or a replacement resin item would be perfect. The fit and finish of all the parts is pretty much faultless, with the accurate mouldings making construction a simple affair. There are some internal bays to take care of, all of which are neatly detailed and

YOU WILL NEED...

Before starting:

- Cyanoacrylate
- Gunze-Sangyo Mr Cement S
- Tamiya Masking Tape
- Tweezers
- Scalpel
- Sanding sticks & files
- X-Acto Modelling knife and #11 blades
- Fiskars straight edged scissors



Paints Used:

Alclad II lacquer:
Airframe Aluminium
Jet Exhaust
Pale Burnt Metal
White Aluminium

Halfords acrylic (aerosol):
Grey Plastic Primer
Gloss Appliance White

LifeColor acrylic:
UA025 Light Gull Gray



White Ensign Colourcoat
enamel:
ACUSOI Light Gull Gray
FS26440

Xtracolor enamel:
XDFF Flat varnish

Daler Rowney oil paint:
304 Ivory Black



Airbrush Used:

Iwata Hi-Line HP-BH
and HP-CH
UK Importer: The
Airbrush Company
www.airbrushes.com



⚠ Always ensure that you work in a well-ventilated area when using solvents



BUILT & WRITTEN BY STEVE A. EVANS FROM THE UK

"I love the fact that there is no unnecessary wasted stuff like opening avionics panels and complete engines that will never be seen"



Box contents are well presented, even if the artwork is a bit iffy

PLANE FACTS

The prototype XF3H-1 first flew in August 1951 but the F3H-IN did not reach service until March 1956. Only 58 of this initial version were built and they were soon either relegated to the training role or scrapped. One-hundred and forty F3H-2Ns followed with their improved Allison J71-A-2E engine and larger wings capable of carrying four missiles. The -2N was designated the F-3C in 1962 and the Demon was completely withdrawn from service in September 1964.

1:48

HOBBY BOSS

MODEL INFO

SPEC: HobbyBoss 1:48 McDonnell F3H-2 Demon
KIT NO.: 80364 **MATERIALS:** IM
AVAILABILITY: Creative Models Ltd (UK Importer) and HobbyBoss stockists worldwide
PRICE GUIDE: £34.99



everything fits right where it's supposed to. A slightly disappointing bit is the nose inserts for the cannons, where the muzzle openings are moulded as simple depressions in the plastic. This has to be taken care of, as they are quite prominent on the finished model. It's the same story for all the vents and intakes on the fuselage which are moulded shut so they'll have to be opened out, and the four little vent tubes on the fuselage sides will have to be added as they are missing from the detail. This being a naval aircraft it comes with wing-folds and

HobbyBoss have done us proud again with this one because the option to fold the wings is there for you if you want. They have moulded the wings in the extended position with internal cut lines and separate bulkheads and hinges for the folds. This is the perfect way to approach this kind of thing because it means you aren't left with a clumsy hinge line on the final model; well done HobbyBoss. There is also a tiny fret of photo-etch bits in the box with the wing fences and spoilers on it, as well as the air-brake covers and the flame holder for the jet-pipe, all welcome

touches without going over the top. Construction of the major airframe parts is good, with positive locations for everything, most of the joint lines being neat and tidy. You get separate control surfaces, although they are moulded in the 'neutral' position and if you want to off-set them at all some minor surgery is needed. I was also a little disappointed to find that the leading edge slats aren't moulded separately but that's not a great problem. The transparent parts in the box are individually packed and wrapped for protection and are superbly clear as

always from HobbyBoss. They fit neatly enough as well, with the option of having the canopy open if you want. Don't forget, if the canopy is slid back then part #F6 is attached to the deck behind the seat while part #F24 stays with the canopy.

COLOURING IN

This being a 50s US Navy jet then it's going to come in the classic Light Gull Grey over white, with full, hi-viz markings and some naturally flamboyant squadron emblems. HobbyBoss have given us four to

REFERENCES...

Dimensions

Span - 35ft 4in (10.76m)
 Length - 59ft (17.98m)
 Height - 14ft 7in (4.44m)

Dimensions - 1:48

Span - 224mm
 Length - 374mm
 Height - 92mm

- *Aeroplane Monthly*, March 1978
- *Aerospace Modeler*, No.2, Spring 2006
- *Air Enthusiast* No.43
- *Air Fan* No. 51 & 52 (January & February, 1983)
- *Aviation News* Vol.II No.10
- *First & Foremost: An Illustrated History of Carrier Wings One, Parts 1 & 2 1934-1957, 1957-1973* by D. Olson & A. Romano (Model Publishing 2006 & 2008)
- *F3H Demon In Action* No.140 by J. Mesko (Squadron/Signal Publications 1994 ISBN: 0-89747-308-6)

- *McDonnell F3H Demon*, by S. Ginter Naval Fighters No.12 (Ginter Publications 1985 ISBN: 0-942612-06-X)
- *Official Monogram US Navy & Marine Corps Aircraft Color Guide Vol.3 1950-1959* by J.H. Elliott (Monogram Aviation Publications 1991)



STEP BY STEP GUIDE - CONSTRUCTION



Internal detail is really well done, who needs resin?



The seat needs some cushions and belts but is a reasonable representation of the early McDonnell seat

Painted up it'll sit well enough in the cockpit



How odd is my Demon...well, pretty odd as it turns out



Fit of the well detailed internal bits is spot-on



The bays for the air-brake units are separate items that need careful positioning



External detail is excellent apart from the intakes, exhausts and as here, the gun muzzle troughs. These need drilling out and some gun barrels slotting in place



The fit of these bits is good and finishes off that rather strange front end shape.

"A slightly disappointing bit is the nose inserts for the cannons, where the muzzle openings are moulded as simple depressions in the plastic"



The wings are the right size and shape (always a bonus) and they come with the cut line for the fold pre-moulded with ribs and hinge parts to fit in there if you fancy them folded. That's the way to do it!



Separate controls are a bonus, as are the little photo-etch additions for the wing fences and spoilers

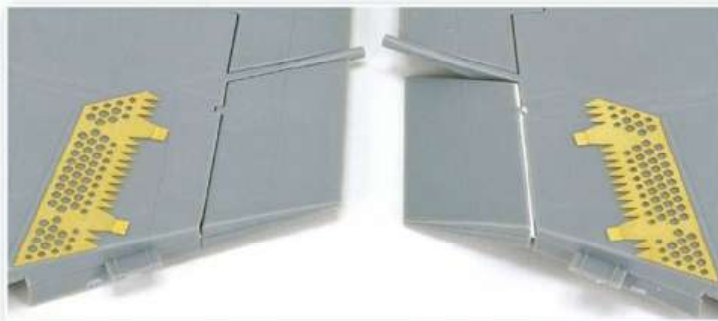


STEP BY STEP GUIDE - CONSTRUCTION CONT...



If you want to drop the flaps then you have to do a bit of modification. The upper edge needs to be built-up and radiused, while the lower edge needs to be trimmed back to suit

It makes a subtle but important shape to the wing, making it look more natural



Fit of the major components is excellent with hardly a gap in sight



Tail sections go on just as easily, although I wish I'd left them off until after the painting had been done

"They have moulded the wings in the extended position with internal cut lines and separate bulkheads and hinges for the folds"



Internet Hobbies™
The World's Online Hobby Shop™

584 Route 6, Mayfield, PA 18433 USA
Voice: 570.876.6070 FAX: 570.876.6076

NEW LOWER PRICES ON TRUMPETER MODELS



No. 2306 - 1/32 E/A-18G Growler Kit



No. 249 - 1/35 Modern U.S. Soldiers - Logistics Supply Team



No. 5321 - 1/350 German Zerstörer Z-25, 1944 Kit



No. 289 - 1/32 Messerschmitt Bf 109 E-4 Kit



No. 2277 - 1/32 Su-25UB Frogfoot B Kit

CHECK OUR WEBSITE TO SEE HOW LOW

PayPal



WE SHIP WORLDWIDE



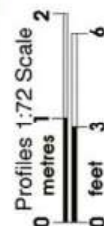
WWW.INTERNETHOBBIES.COM



Below: McDonnell F3H-2 Demon, BuNo.133615, T/104, VF-14 'Top Hatters', USS Forrestal (CVA-59), February 1957. Light Grey FS26440 upper surfaces with white FS27875 undersides, wing control surfaces and stabilizer; black radome and anti-dazzle panel. All lettering in black; red flash along fuselage with white disc and unit badge, red wing tips and red/white top of vertical tail surfaces with white '104'.

Middle: McDonnell F3H-2N Demon, BuNo.133637, 215/AJ, VF-61 'Jolly Rogers', NAD Oceana, 1958. Light Grey FS26440 upper surfaces with white FS27875 undersides and all movable control surfaces; black radome and anti-dazzle panel. Black/yellow decorations on fin and rudder, rear of canopy and wing tips; all lettering in black. Black/yellow unit badge on mid-fuselage.

McDonnell F3H-2 Demon, BuNo.143487, AE/110, VF-131 'Nightcappers', USS Constellation (CVA-64), 1962. Light Grey FS26440 upper surfaces with white FS27875 undersides, wing control surfaces and stabilizer; red trim with white stars to vertical tail surfaces, black 'AE', outlined in white. All lettering in black; red angled band around fuselage with unit badge superimposed.



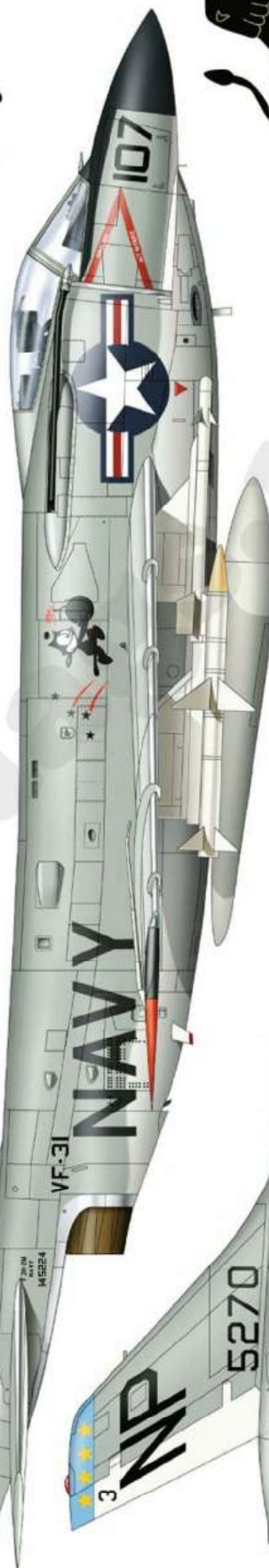


McDonnell F3H-2 Demon, BuNo.143479, AG/100, VF-41 'Black Aces', USS Independence (CVA-62), 1960. Light Gull Grey FS26440 upper surfaces with white FS27875 undersides and all moveable control surfaces; black radome and anti-dazzle panel. Multi-coloured rudder with red tip to vertical tail surfaces; all lettering in black. Ship's name in yellow-orange; angled red band around fuselage, outlined in black, with unit badge superimposed



Below: McDonnell F3H-2N Demon, BuNo.145224, AC/107, VF-31 'Tomcaters', USS Saratoga (CVA-60), 1956. Light Gull Grey FS26440 upper surfaces with white FS27875 undersides, wing control surfaces and stabilator; black radome and anti-dazzle panel. All lettering in black; red trim to vertical tail surfaces with white '107' on top. 'AC' in black outlined in white. 'Felix the Cat' emblem on fuselage sides

Bottom: McDonnell F-3B Demon, BuNo.145270, NP/303, VF-213 'Black Lions', USS Hancock (CVG-21), 1964. Light Gull Grey FS26440 upper surfaces with white FS27875 undersides and all moveable control surfaces; black radome and anti-dazzle panel. Light blue tip to fin and rudder with four yellow stars; all lettering in black. Unit badge on fuselage sides



Profiles 1:72 Scale
0 metres 2
0 feet 3 6

KIT BUILD

SKILL LEVEL: BEGINNER

STEP BY STEP GUIDE - PAINT & DECALS

The canopy is super-clear and fits very well, sitting above the rather small looking intakes



More etched detail, this time as covers for the air-brake petals



The start of the paint process is Halfords Grey Primer, followed by Appliance Gloss White



The Light Gull Grey is White Ensign's Colourcoats version of it, while the demarcation lines are supplied using Blu-Tack worms



The detail painting starts with the walkways, radome and anti-glare panel. The walkways are supplied as black decals if you'd prefer?



The hot bit at the end needed some metallic shades added, Alclad II of course



The wing basic colours, notice the patchy look to the walkway and the slightly different shade of Light Gull Grey applied to a couple of smaller panels



A bit more Alclad II for the leading edges of the wings and tail; don't forget the lip of the intakes as well, I did and had to do some repainting later





STEP BY STEP GUIDE - PAINT & DECALS CONT...



Weathered paint needs only a light application of grey pastel dust



Tamiya Smoke adds the rest along the panel lines and the underlying structure



Sealed in with Johnson's Klear ready for the hideous decals



You can see that not only is the decal literally coming apart at the seams but the red colour is a little 'washed out'. I knew I should have sprayed these



choose from in the box, which is excellent. The painting and marking guide is the usual full colour sheet, which is beautifully printed. The four on offer are VF-31 'Tomcatters', VF-213 'Black Lions', VF-61 'Jolly Rogers' and VF-21 'Freelancers'. All come with the proper markings and each one would look splendid but the VF-31 machine with its Felix the cat logo is

the stand-out option. Painting is easy enough for the main colours, with a soft demarcation between the upper and lower surfaces courtesy of some Blu-Tack rolls. The detail painting does take some time with lots of little bits to fill in, including the anti-slip walkways, the nose radome and anti-glare panel and of course all the metallic bits around the engine and the

leading edges of wing, tail and intakes. Weathering was never going to be too heavy on this kind of machine but some light streaks of pastel dust and a spray or two of Tamiya Smoke along the panel lines make it look suitably 'lived in'. All of which bring us to the decals and after a couple of coats of Johnson's Klear (what are we going to use when

it runs out?) it's time to get to the worst bit of the whole kit. Let's get the obvious out of the way first and just what is the problem with the American national markings for HobbyBoss/Trumpeter? This is the third kit I've done from them where the stars 'n' bars go straight in the bin and spares from the decal box have to be sought out. At the risk of sounding really



"I think I broke just about every single decal I put on"

◀ pedantic all you have to remember is that the white star is in the centre of the blue disc and everything follows on from there. Anyway, I had a couple of sheets of Eagle Strike Productions 'Deadly Demons' markings supplied by the Editor (thanks Richard) so I stole the stars out of them and proceeded to use the rest of the kit markings from the box. What a mistake that was. Dreadful

things they are. Too thin and seriously brittle, I think I broke just about every single decal I put on. They are very neatly printed with good colour and density and they do end up conforming well to all the recessed detail but boy, are they difficult to use! After much cursing and general threats of violence, they finally got to be in the correct places and left overnight to sink in

before being over-sprayed with Klear to seal them in for good.

After a quick spray of Tamiya Smoke to blend the markings in, it was time to look at all the little bits that need be hung onto the model. We've four missiles, two Sparrows and two Sidewinders, two drop tanks and a multitude of little doors and actuators. Once again the accurate mouldings come to the rescue

here and everything fits right first time, making the final stages pretty easy. The last bit is the final finish and this is a light spray of XDF flat varnish, just enough to dull things down but not get completely matt, in keeping with the type of paint used on the real thing. Once the masking is removed and the canopy cleaned up it's looking like a finished Demon. ■

FINAL VERDICT

■ Apart from the decals, this is a first class kit. It shows HobbyBoss have a great approach to the accuracy and detail of the mouldings. It goes together really easily and looks the part when it's done. There are already options out there for the decals and a replacement seat and I'm sure that there will be a whole lot more aftermarket bits and pieces available soon if you like that kind of thing. As it is, even without any additions it's a fine kit and highly recommended to any skill level and fans of the 50s jets.

● Was it worth the effort?

Well, cost is always a subjective thing but this is an impressive kit, so yes.



The finished item is a good size in 1:48 and HobbyBoss have captured the sit and 'look' of the bird-like Demon very nicely

NEW from the 'HOW TO BUILD...' series

HOW TO
BUILD...

TAMIYA'S 1:32



P-51D MUSTANG

Brett Green



INCLUDES

TWO COMPLETE BUILDS PLUS:

- Mustang photo gallery and colour profiles
- Step by Step - tips and techniques for building the ultimate Mustang
- Pacific and P-51K / Mustang Mk.IVa conversions
- Super detailing the cockpit and wheel wells
- Aftermarket decal and accessory summary



MODELS BY

Brett Green, Mark Glidden
and Roy Sutherland

HOW TO BUILD... TAMIYA'S 1:32 P-51D MUSTANG

by Brett Green

The complete guide to building Tamiya's amazing 1:32 P-51D written by Brett Green of Hyperscale and Model Military fame.

**NOW
AVAILABLE**
Order Now

This new book features an exhaustive step-by-step guide to construction plus two completed models, by Brett, Mark Glidden and a super-detailing feature by Roy Sutherland.

Hundreds of images, reference photos and how to get the very best from your model - a must have before you build the model! Also features lists of after market parts and decals already available for Tamiya's Mustang...

Order now by completing the form below, going to www.adhbooks.com or by calling 01525 222573

**Only
£11.95
plus p&p**



DOOLITTLE MILL • DOOLITTLE LANE • TOTTERNOE • BEDFORDSHIRE • LU6 1QX
ENQUIRIES@ADHPUBLISHING.COM • WWW.ADHPUBLISHING.COM

Already available in the 'How to Build...' series:



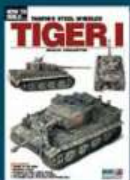
Tamiya's Bristol Beaufighter
by Steve A. Evans

- Building the basic model
- Six detailed versions of the Beaufighter
- Details of production variations
- Weathering



Tamiya's Fairey Swordfish
by Geoff Coughlin

- Detailed photographs
- Building the model
- Airbrushing secrets
- Specialist techniques explained



Tamiya's Steel Wheeled Tiger I
by Angus Creighton

- Building the basic model
- Weathering explained
- Techniques to achieve realistic zimmerit
- Concise details of the production variations
- Five detailed versions of the classic Steel Wheeled Tiger I



Tamiya's Spitfire Mk.IXc and Mk.VIII
by Brett Green

- Four complete builds
- Late Merlin Spitfires Close-Up
- Step by Step - Building the Perfect Beast
- Decals and Accessories

PLACE YOUR ORDER NOW ON **TEL: 01525 222573 FAX: 01525 222574**

MUSTANG BOOK

Name

Address

Post/zip code

Country

Telephone Number

Please debit my credit/debit card for £

Visa ☐ Mastercard ☐ Maestro ☐ other

Card No.

Expiry date..... Start date

Security Number (last 3 digits on signature strip)

Issue No (if applicable)

Please mail this form to:

ADH Publishing, Doolittle Mill, Doolittle Lane, Totternoe, Bedfordshire, LU6 1QX, United Kingdom

Tel: +44(0)1525 222573 Fax: +44(0)1525 222574 Online: www.adhbooks.com

(Photocopies of this form are acceptable)

P&P: UK: £2.00 (£13.95),
Europe: £4.00 (£15.95),
World-Wide airmail: £6.00 (£17.95)
Cheques payable to: ADH Publishing Ltd.

Signature

Date

www.adhbooks.com www.adhbooks.com www.adhbooks.com

THE MAID OF AL

Revell's revival and subsequent re-entry into the 'Big Boys' league with some mouth watering releases in 1:32 scale has now extended into the smaller scales with this brand new tooling of this popular subject.



First impression on tipping out the box contents was one of astonishment; where was all of this plastic going to fit into a relatively small 1:72 model? A quick flick through the instructions coupled with the high parts count confirmed that this was going to be a very thorough build.

FANTASTIC COCKPIT

There were about ten sections in the instructions that covered just the cockpit interior. This amount of detail would have done justice to a 1:32 scale

kit! The fine crisp detail on the floor area, seats, controls and radio equipment was fabulous and this was carried over onto the side consoles and bomb aimer's compartment. Building it up with numerous sub-assemblies was the order of the day and when the basics were tacked together, it was time to start adding some paint. In some instances the colour callouts in the instructions are a bit confusing and I became a bit wary when I noticed that the interior colour, for example, in the undercarriage bays normally RLM Grey 02 was quoted as Light Olive? With this

in mind I had to check out the suggested interior cockpit colour that Revell quote as Dust Grey, which is a mid grey. In reality most early WWII German interiors were RLM Grey 02, (a light grey/green), although there were also instances of 'A' series Ju 88s being finished in the later RLM 66 (black/grey). I chose to portray the interior in this instance in the lighter of the two figuring that it would also make the cockpit area more visible through the glazing than would be so with the black/grey. Either way I think that either colour would be acceptable. With

the paint on, it was time to show off the lovely detail with a bit of shadowing and highlighting. A wash, a mix of Sepia oil paint heavily diluted with Humbrol Enamel Thinners, was run into the detail and left to dry before a cotton bud wetted with thinners was used to clean away the dry wash from the raised detail. The raised areas were then further enhanced with a dry brushing of light grey followed by detail painting of the controls. The instrument panel was finished off with the nice intricately designed instrument decal that sat and dried snugly over the dial

YOU WILL NEED...

Before starting:

- Thick Cyanoacrylate & Accelerator
- Gunze-Sangyo Mr Cement S
- Tamiya Masking Tape
- Gunze-Sangyo Mr Putty
- Tweezers
- Sanding sticks & files
- Swann-Morton #3 scalpel and blades
- Microscale Set and Sol decal solutions
- Microscale Micro Kristal Klear
- Johnson's Future



Paints Used:

Gunze-Sangyo Mr Aqueous
Color acrylic:
H70 RLM Grey 02
H64 RLM Dark Green 71
H65 RLM Black Green 70
H67 RLM Light Blue 65
H413 RLM Yellow 04
H30 Clear
H20 Flat Clear

Tamiya acrylic:
XF-1 Black
XF-2 White
XF-69 Nato Brown



Abteilung 502 oil paint:
Abt 100 Faded grey

Daler Rowney oil paint:
251 Sepia

Airbrush Used:

SATAgraf 2
For worldwide distribution and availability visit
www.sata.com



⚠ Always ensure that you work in a well-ventilated area when using solvents



PLANE WORK



BUILT & WRITTEN BY ANDY IERONYMIDES FROM THE UK



PLANE FACTS

The Junkers Ju 88 was designed using the services of two American aviation engineers, W.H. Evers and Alfred Grossner. In August 1935, the RLM issued requirements for an unarmed, three-seat, high-speed bomber, with a payload of 800-1,000kg. Junkers submitted an initial proposal in June 1936, and were given the go-ahead to build two prototypes (WNrs.4941 & 4942) powered by the DB 600 engines, while three further machines (W.Nrs.4943, 4944 & 4945) were to receive Jumo 211 engines. These last three prototypes were also armed and could carry two 1,000kg bombs, one under each inboard wing panel.

Radical alternations in equipment by 1938 resulted in the type becoming a 'heavy' dive bomber. This resulted in the fuselage being extended to cope with the addition of a fourth crew member, while the wings were strengthened and dive brakes were added. All of these factors meant that the Ju 88 enter WWII as a medium bomber, not a 'Schnellbomber' (high-speed bomber) as originally envisaged.

Despite a long development period the Ju 88 became one of the Luftwaffe's major types. Production ran from 1936 through to 1945, and over 16,000 Ju 88s of all marks were built. The A-4 was an improvement of the A-1, which saw a 6ft increase in span, strengthened undercarriage and improved armour protection. The bomb load was increased and the early production machines were powered by Jumo 211Fs, while later ones got the Jumo 211B-1.

1:72



MODEL INFO

SPEC: : Revell 1:72 Junkers Ju 88A-4

KIT NO.: 04672 MATERIALS: IM

AVAILABILITY: Revell GmbH [UK Branch] (UK Importer) and Revell stockists worldwide

PRICE GUIDE: £16.99

faces. I decided to treat all the seats, including the folding one, with some seat belts simply made from lead foil strips painted in a buff colour to complete a fantastic interior.

MINEFIELD ASSEMBLY

The next build stages really required some concentration and care with plenty of trial dry runs before the glue could be let loose. I had to take my time and watch my step or risk a backward blow. The very nature of the assembly of the fuselage was complicated by it having a separate nose section, a

separate belly and gondola section and a spinal strip between the two rear fuselage sections. Careful alignment at the joints pays dividends at these stages as most joints occur on panel lines and these should be protected as much as possible, unless you want to practice your filling and rescribing skills, that is. Some of the joints, however, such as the ones where the nose belly section meets the upper nose sides, did not follow a panel line so the joints here had to be filled and erased. There is also a section of the front lower nose that is provided as a

clear part, due to the inclusion of some tiny windows in this area, so great care had to be exercised with the glue around here so as not to spoil the clear sections.

STRETCH YOUR WINGS

With the first path negotiated, it was back to tip-toes again for the wing assembly. The complicating factor here was that the wingtips were separate extensions and the resulting joints with the main wings had slight steps to them on the panel line joins. At the risk of losing some surface detail, a skim of

Tamiya filler across the joint cured the level discrepancy and when dry, the lost panel lines were rescribed with the help of a ruler and rescribing Olfa Cutter tool. A nice touch here was that the wing control surfaces are separate items and allowed a bit of posing of the flaps and ailerons. The fit of the wings to fuselage was very tight and impressively neat apart from the front end where the wings touched the nose areas where there was a notable gap on each side. This was simply plugged up with a sliver of thin plastic card which was feathered out with a gentle rub

REFERENCES...

Dimensions

Span - 20.00m
Length - 14.363m
Height - 4.85m

Dimensions - 1:72

Span - 277.8mm
Length - 199.5mm
Height - 67.4mm

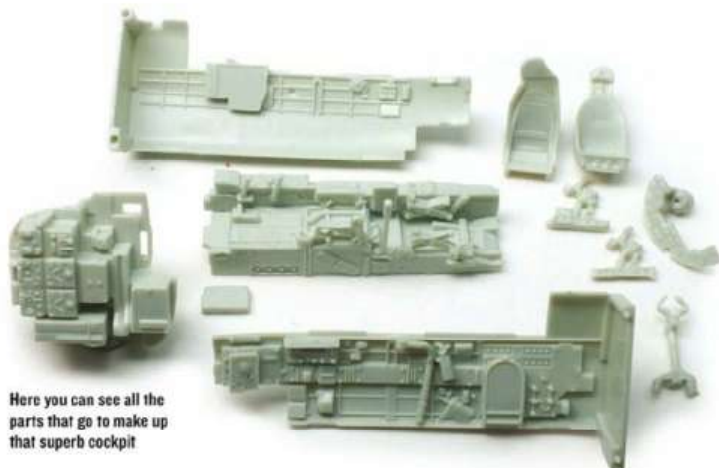
- Junkers Ju 88, Aero Detail No.20 (Dia Nippon Kaiga Co 1998 ISBN: 4-499-22679-1)
- Junkers Ju 88 by R. Mackay (The Crowood Press 2001 ISBN: 1-86126-431-3)
- Junkers Ju 88 and its variants in WWII by H. Erfurth (Schiffer ISBN: 0-7643-1673-7)
- Junkers Ju 88 Parts 1 & 2, In Action No. 85 & 113 by B. Filley (Squadron/Signal Publications 1988 & 1991)
- Junkers Ju 88 - Model Art Special No.44 by S. Nohara (Model Art, 1995)
- Junkers Ju 88 Over all Fronts by J. Stein (Schiffer ISBN: 0-88740-312-3)
- Junkers Ju 88 Vol.1 by W. Trojca (Model Hobby I Trojca 2001 ISBN: 83-83-915347-0-7)

- J Junkers Ju 87 Vol.1 by M.J. Murawski, Monograph No.13 (Kagero 2101 ISBN: 978-83-89088-57-4)
- Junkers Ju 88: Vom Original zum Modell by H. Erfurth (Bernard & Graefe Verlag 1998 ISBN: 3-7637-6014-8)



KIT BUILD

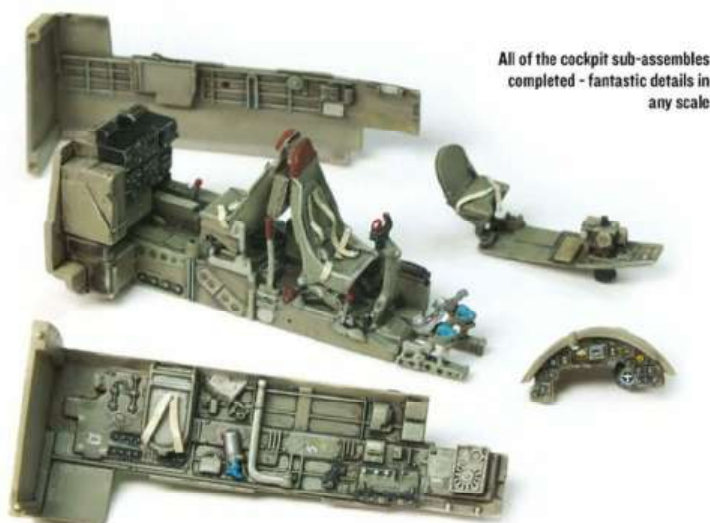
SKILL LEVEL: BEGINNER

STEP BY STEP GUIDE - CONSTRUCTION

Here you can see all the parts that go to make up that superb cockpit



The cockpit sub-assemblies with the oil wash applied



All of the cockpit sub-assemblies completed - fantastic details in any scale



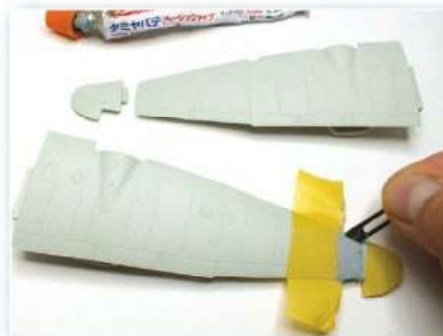
Here are the various bits that go to make up the nose area



The ventral gondola and windows were bedded in with Kristal Klear



The joint line here has to be removed and filled



The separate wingtips need to be blended with filler



The filled wingtip joint is sprayed with filler, then rescribed



Two gaps on the wing-to-fuselage joints were filled with some dissolved putty

"I became a bit wary when I noticed that the interior colour, for example, in the undercarriage bays normally RLM Grey 02 was quoted as Light Olive?"



STEP BY STEP GUIDE - PAINT & DECALS



Gear door details (left) painted with centre shading, (middle) dark oil wash added, (right) highlighted on high points. The oleo legs have brake lines added



Masking was intricate and time consuming



The canopy frames were done in RLM 02, while the rest was primed and some low-lights were added plus the engines were picked out in yellow and the aft fuselage band in white



With the wingtips, engines, elevators and aft fuselage band masked, the RLM 65 was applied



RLM 70 was applied, then paper masks used to cover them up

The darker RLM 71 was then applied



The masking removed and the overall scheme exposed



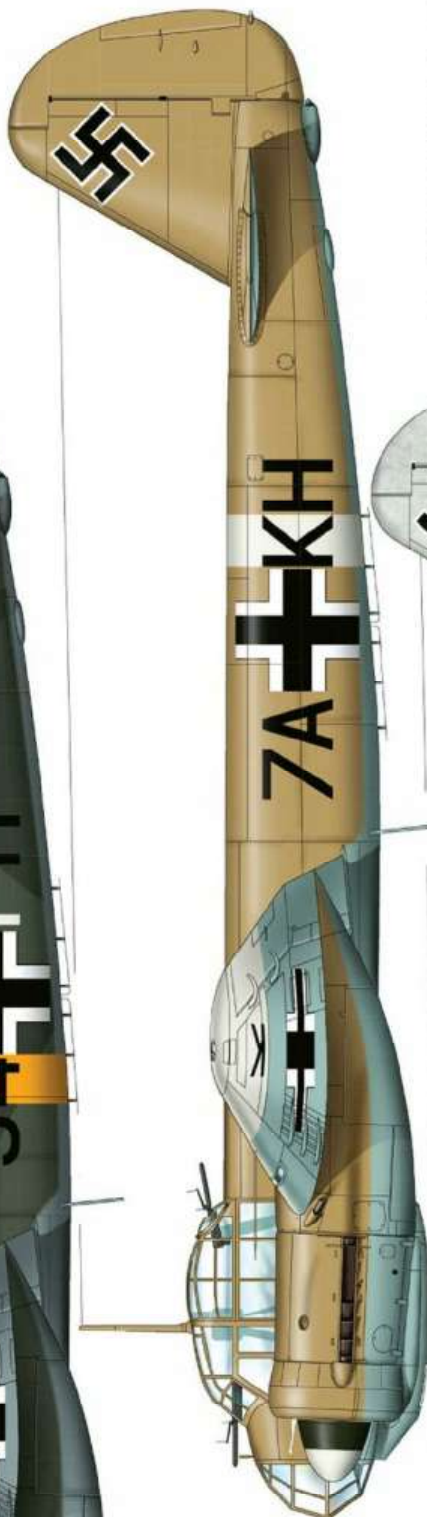
There is a very comprehensive decal sheet



Junkers Ju 88A-4, S4+FH, /Ku.FI.Gr.506, Peri (Finland), 1941. RLM 70/71 upper surfaces with RLM 65 undersides; RLM 04 underside of wing tips and band around fuselage. Lettering in black with white 'F': unit badge on nose (both sides)



Junkers Ju 88A-4/Trop, 7A+KH, IS(F)/I21, North Africa, RLM 70/79 finish. White/RLM 70 spinner; white underside of wing tips and rear fuselage band. Black lettering with 'K' repeated below the wings. White swan marking on nose



Junkers Ju 88A-4, V4+FH, /NG.I 'Hindenburg' shot down near Dawydecha (Russia), 12 January 1943. Temporary white applied over the upper RLM 70/71; undersides in RLM 65. Codes in black: RLM 04 band around rear fuselage and undersides of wing tips. RLM 70 spinners



Junkers Ju 88A-4, B3+LR, 7/NG 54, Bergamo (Northern Italy), late 1943. RLM 70/71 upper surfaces, sprayed with a wave mirror of RLM 76; RLM 65 undersides sprayed with a wave mirror of RLM 70. White rudder and underside of wingtips. RLM 04 band around black spinner. 'L' of code is outlined in white



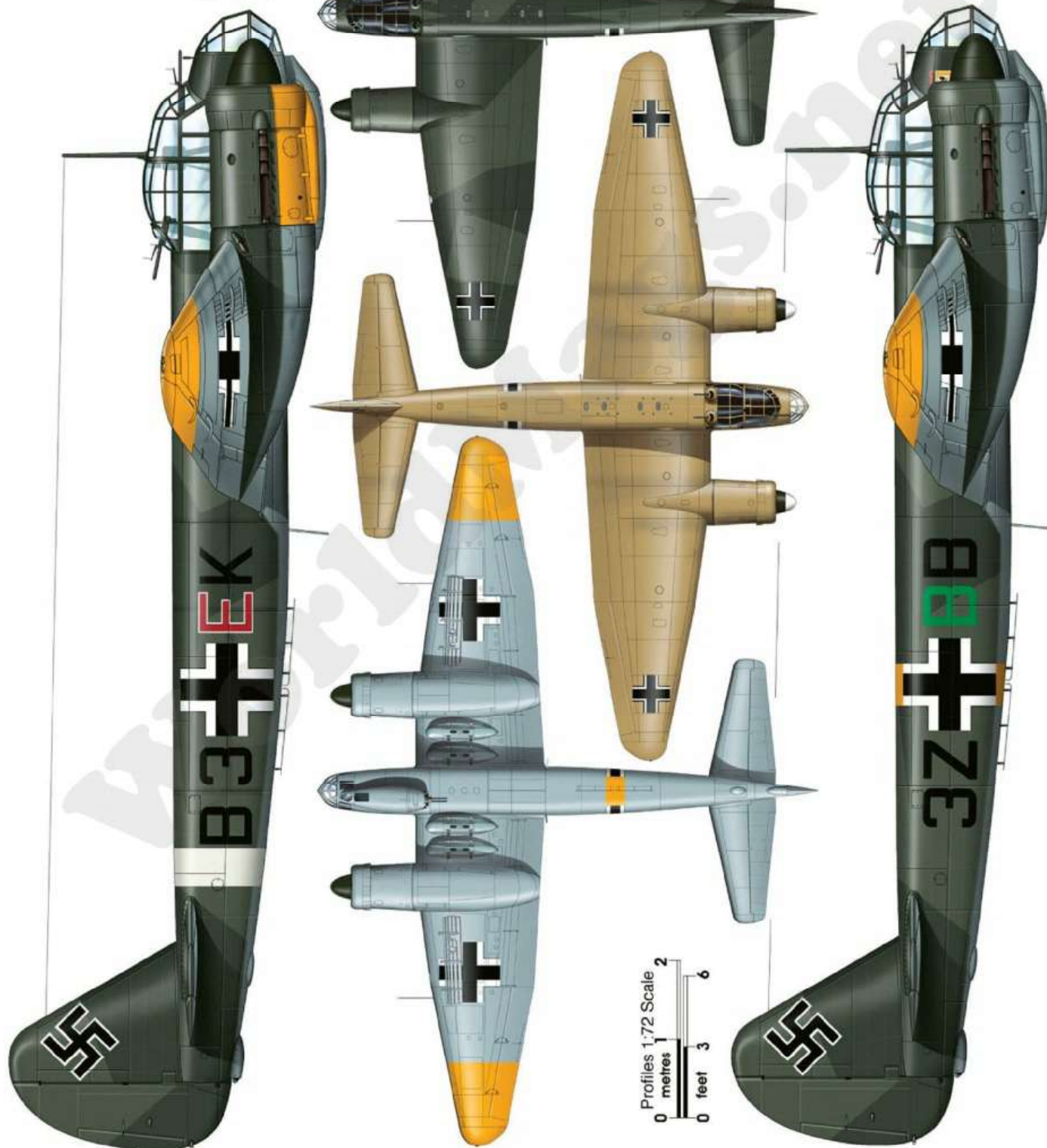
Profiles 1:72 Scale
0 metres
0 feet 3 6



Junkers Ju 88A-4, B3-EK, 2./KG 54, Russia, 1943. RLM 70/71 upper surfaces with RLM 65 undersides; RLM 04 underside of wing tips and engine cowlings. Spinners in red and RLM 70 with a thin white dividing line. Codes in black with red 'E' outlined in white. Unit badge on nose (both sides)



Junkers Ju 88A-4, 3Z-BB, Stab I./KG 77, Russian Front, 1942. RLM 70/71 upper surfaces with RLM 65 undersides; RLM 04 fuselage band and underside of wing tips. Codes in black with green 'B'; unit badge on nose both sides (not handed)



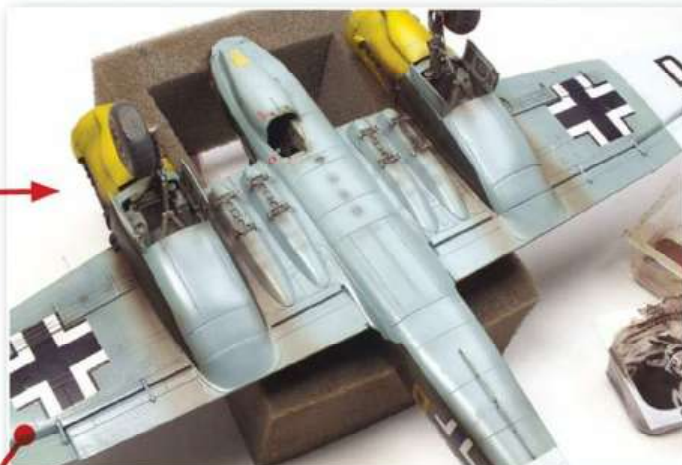
Profiles 1:72 Scale
0 1 2 metres
0 3 6 feet

KIT BUILD

SKILL LEVEL: BEGINNER

STEP BY STEP GUIDE - PAINT & DECALS

The exhaust stains were sprayed on



The underwing exhaust stains were also sprayed on. Note the detail in the wheel wells



General washes of different shades are applied



When dry, the excess wash is wiped off



Weathering was achieved with brush-applied Tamiya weathering pastels

"The decals themselves had quite a bit of carrier film around them, especially around the code letters and felt thick so I played safe and decided to trim away most of the carrier film before application"

down...aahh. The engine units were broken down into quite a few parts and I was expecting a little hassle ahead but I was pleasantly surprised that the undercarriage bays, engine nacelles and engine faces were nicely matched and the forthcoming marriage was one made in heaven. One point to note here was that the curved lower engine nacelles (not present on the earlier AI 'Battle of Britain' series), are identically positioned on each engine and are not

left and right sided as illustrated in the instructions, one which had me head scratching for a while.

ASSEMBLY ADD ONS

With the main structure build stage secure, the bits and pieces stage was looming. Although the undercarriage build stages are often undertaken as an afterthought with most modellers, I wanted to put some effort into this area as it was well reproduced and

would be very visible. The inner gear door faces and leg structures have some nice detail, which can easily be shown off with some simple shadowing and highlighting. The base colour of RLM Grey 02 was thus shaded, oil washed and dry brushed (as explained for the cockpit detailing stage) and the struts had brake hydraulic lines added from thin fuse wire. The tyres and wheels were painted and then weathered with a brush over of MIG

Pigments Dark Earth and the whole assembly put aside until needed. Before any painting could commence all the glazing areas had to be glued in and masked up. This section of the build had the red alarm bells ringing and could potentially make or break the build as any mistakes on the transparencies would ruin the focal point of the model. The nose glazing was a good fit and was tacked in with white wood glue such as Formula



canopy glue which dries clear and allows any excess to be wiped away with a water-dampened cotton bud. The canopy glazing was a bit trickier as it came in three parts where the two rear sections had to be joined right down the middle and then tacked onto the front section with all the joints butting up on frame lines. I had to add a plastic card fillet to tighten up the aperture around the rear of the glazing where it met the fuselage spine and used Mr Cement S plastic glue, carefully flowed into the joints with a brush, to secure the cockpit glazing as this time I needed a quicker, stronger bond than with the canopy glue. The masking of the glazing was very intricate and time consuming and made with Tamiya masking tape (at the time of writing, there were no masking sets available to help out).

PREP & PAINT

The glazing was given a coat of RLM Grey 02 so as to be seen from the inside as the interior colour to the

framing. Since there had been some filler work to the wings and fuselage, I blended everything in with a light blanket coat of Halfords grey Primer and when rubbed down and happy that there were no visible flaws, it was safe to proceed. I added a few dark grey patches as shadows around the hatch covers and engines before spraying the yellow onto the engines, rudder and elevators and the white areas on the underside of the wingtips and what would form the fuselage band. These colour areas for the markings could now be accurately masked up with Tamiya Tape in readiness for the camouflage colours. In this instance, Revell name the camouflage colours correctly although the RLM references are not mentioned. I love using acrylics as they are fine grained, easy to spray and fast drying. Gunze-Sangyo acrylics fit the bill perfectly and their interpretations of the colours are usually spot-on. I like to spray these paints well thinned, roughly three parts alcohol to one part paint (although this

can change according to what colour is being used) and build up the effect with light coats, allowing some transparency in some areas and building up solid coats along areas such as the panel lines. This has the effect of producing different tonal effects within the pattern, which I feel adds depth and interest to the paintwork. The first colour to go on was as usual the lightest, in this case the light blue, and this was post-shaded with a darker shade of the original along the control surface joints and over panel and hatch areas but at all times trying not to be too clinical in its application thus adding randomness to the effect. When dry this area was masked off to provide the sharp dividing line against the upper camouflage colours and then the lighter of the two greens was added to the upper surface, again using the same application technique as used on the underside. The upper splinter pattern can easily be reproduced by using Tamiya Tape to

mark out the sharp pattern or, for lazy modellers like myself, the camouflage plan image from the instructions can be scanned and printed out to the correct scale from your computer and used as a cut-out paper mask for the scheme. This was simply taped onto the wings and fuselage before the application of the Black Green. With the painting finished and the scheme masking removed the model was glossed ready for the decals.

DECALS & WEATHERING

The decal sheet was very thorough with a full set of stencil data and marking options for two aircraft. The decals themselves had quite a bit of carrier film around them, especially around the code letters and felt thick so I played safe and decided to trim away most of the carrier film before application. As suspected they were thick and stubborn and needed a big push in the right direction with the help of decal solutions and a bit of heat from my hairdryer to soften them up



"The very nature of the assembly of the fuselage was complicated by it having a separate nose section, a separate belly and gondola section and a spinal strip between the two rear fuselage sections"



and persuade them to yield. That apart, they eventually bedded in well enough and were sealed in with a coat of acrylic satin clear. Not a lot of weathering will show against the dark upper scheme but the lighter areas such as the yellow and lower areas are perfect for some enamel thinner washes of Sepia or Dark Grey oil paints

with just a bit of a darker wash of brown-black around the upper scheme. The exhaust stains on Ju 88s were a prominent feature, locally around the exhaust outlet pipes but more noticeably along the lower wing surfaces, fanning outwards toward the tail. I always spray the staining in multiple very light passes of much

thinned matt paint, something approaching 5:1 thinners to paint ratio. In this case, I started off with a pale sandy brown, which was overlaid with a dirty brown and finally finished with a black brown mix, with the darker shade closest to the outlets. To complete the weathering, some brownish pastel chalk dust was brushed into the little

crevices which would naturally collect dirt, and Tamiya Weathering Master pastels in Rust and Soot, which are greasier than chalks, were smudged into areas such as the exhaust tips and engine panels. With all the remaining loose ends such as aerials, bombs and spinners neatly tied into the build, the 'fast bomber' was complete. ■

FINAL VERDICT

■ The Ju 88 has always been a very popular modelling subject and has been well covered recently and in the past by different offerings, but this new tooling from Revell surely has to take the crown. The amount of fine detail that is crammed into this kit and the quality of the engineering is very commendable and the end result was very accurate and very pleasing. It was a little over engineered in some places, notably around the separate nose area and glazing, which did complicate the build at times, but with care did not pose a problem. It is very keenly priced and for that price you get a lot of quality plastic that looks good and fits well.

● Was it worth the effort?
Yes, it deserves all the attention that it gets.





- Building the basic model
- Six detailed versions of the Beaufighter
- Details of production variations
- Weathering



From the publishers of Model Airplane International
 Fantasy Model Magazine International
 Model Military International and Military Illustrated



The Beaufighter Mk VI Nightfighter

But, finally, the parts themselves, which are designed to fit the car's system, and try to ensure the build process is just what you need. When it comes to actually get a good idea of what all the parts and their relationships to each other. It might sound a bit like a bit of a joke, but it's really with the parts construction process. The build almost inevitably begins with the engine and intake. That's the first of the engine.



article...

ADH
PUBLISHING

DOOLITTLE MILL • DOOLITTLE LANE • TOTTERNHOE • BEDFORDSHIRE • LU6 10X
ENQUIRIES@ADHPUBLISHING.COM
WWW.ADHPUBLISHING.COM

- Building the basic model;
- The six detailed versions of the Beaufighter;
- Details of production variations;
- Weathering;
- and many other handy hints and tips!

**Only
£11.95
plus p&p**

PLACE YOUR ORDER NOW ON TEL: 01525 222573 FAX: 01525 222574

BEAUFIGHTER BOOK

Name

Address

Post/zip code _____

Country

Telephone Number

Please debit my credit/debit card for £.....

Visa ☐ Mastercard ☐ Maestro ☐ other.....

Card No.

Expiry date..... Start date

Security Number (last 3 digits on signature strip).....

Issue No (if applicable)

Please mail this form to:
ADH Publishing, Doolittle Mill, Doolittle Lane, Totternhoe, Bedfordshire, LU6 1QX, United Kingdom
Tel: +44(0)1525 222573 **Fax:** +44(0)1525 222574 **Online:** www.timeyamadimagazine.com
(Photocopies of this form are acceptable)

P&P: UK: £2.00 (£13.95),
Europe: £4.00 (£15.95),
World-Wide airmail: £6.00 (£17.95)
Cheques payable to: ADH Publishing Ltd.

Signature _____

Date _____

www.tamiyamodelmagazine.com

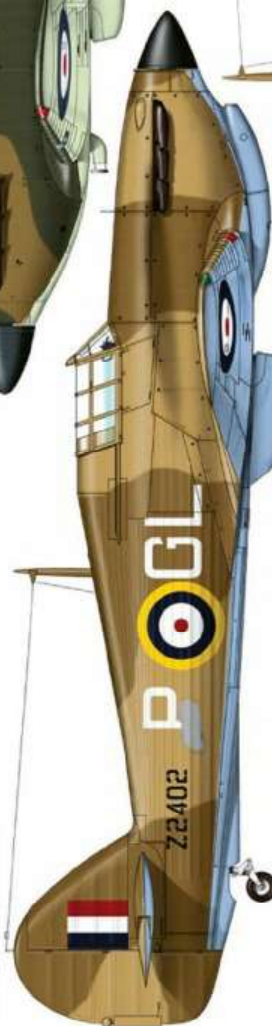
The Battle for Malta

Award of the George Cross

When the Second Siege of Malta began in January 1942 only Hurricane squadrons were available for Malta's defence. Most of these had been delivered through Operations Status II (47 Hurricanes; September 1941) and Porpoise (37 Hurricanes; November 1941). These had to stand their ground until the arrival of the first Spitfires delivered by Operation Spotter in March 1942.



Above: Hawker Hurricane Mk IIb, BG753, V-UP, No. 605 Squadron, March 1942. Delivered by HMS Argus in November 1941



Above: Hawker Hurricane Mk IIa, Z2402, GL-P, No. 185 Squadron, Hal Far, 1942



Right: Hawker Hurricane Mk IIa, Z2827, -M, Malta Night Fighter Unit, January 1942

Hawker Hurricane Mk IIb, HA-E, 'Death Warned Up', flown by P/O Bill Hollis Hallett, No. 261 Squadron, March 1942. Hollis was killed together with five other officers when a bomb exploded at the Hotel Point de Vue, Rabat, where many 'Ta' Qali pilots were billeted



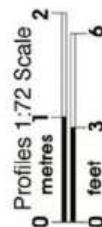
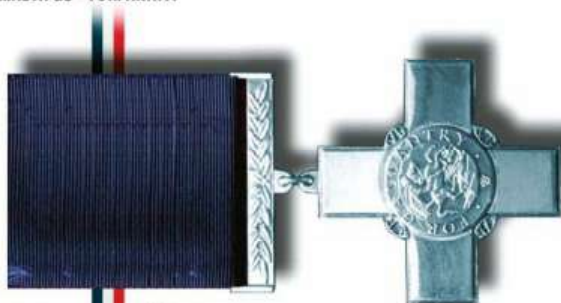
Hawker Hurricane Mk IIb, Z2961, -K, flown by Sgt G.E. Horricks of No. 185 Squadron, Ta Qali, late March 1942.

Right: The Citation hand-written by H.M. King George VI on 15th April 1942, awarding the George Cross to the 'Island Fortress of Malta'



Hawker Hurricane Mk IIc, BE402, LE-S, No. 242 Squadron, 1942

Hurricanes earmarked for Malta were among the first to be delivered in the 'desert' scheme of Dark Earth/Mid Stone/Azure Blue finish; however due to attrition and the pressure to send reinforcements, standard 'BoB' style finished Hurricanes in Dark Earth/Dark Green/Sky finish were also sent to Malta





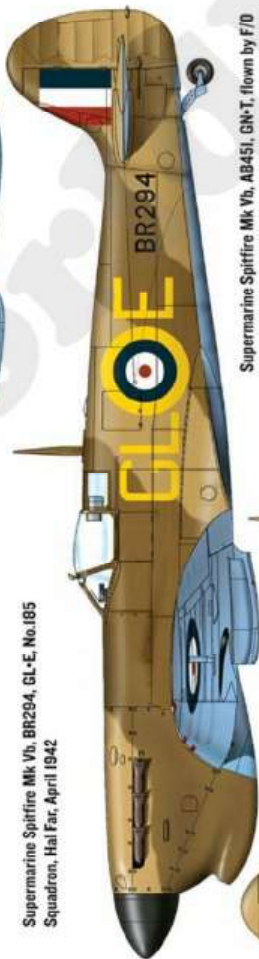
The Battle for Malta – Award of the George Cross

Model
AIRPLANE
INTERNATIONAL

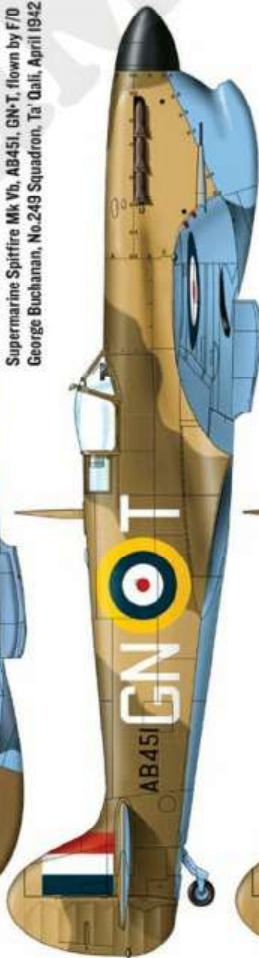
Supermarine Spitfire Mk V, AB262, GN-B, flown by Flt Lt P.W.E. Hoppell (DFC), section leader No.249 Squadron. Hoppell claimed the first Spitfire victory over Malta on 10 March 1942, a Messerschmitt Bf 109 of 8/JG53 flown by Fe Heinz Rallmeier ('Black II', W/Nr.7600)



Supermarine Spitfire Mk Vb, BR294, GL-E, No.185 Squadron, Hal Far, April 1942



Supermarine Spitfire Mk Vb, AB451, GN-T, flown by F/O George Buchanan, No.249 Squadron, Ta' Qali, April 1942



Supermarine Spitfire Mk Vb, BR344, 3-M, Operation Borewry, USS Wasp, 9th May 1942



Supermarine Spitfire the USS Wasp during



Mk Vb, BR136, 3-B, flown off Operation Borewry, May 1942

Supermarine Spitfire Mk Vb, BR124, U-2, No.603 Squadron, Operation Calendar, USS Wasp, 20 April 1942



Supermarine Spitfire Mk Vb, BP964, X-1, flown by Sgt A. Goldsmith (RAAF), No.261 Squadron, Ta' Qali, April 1942



Supermarine Spitfire Mk Vc, BP975, K-1, flown by Flt Lt Denis Barnham, No.601 Squadron, Luqa, April 1942



Supermarine Spitfire Mk Vb, AB264, GN-H, flown by P/O Peter Nash, No.249 Squadron, Ta' Qali, May 1942



Supermarine Spitfire Mk Vc, BR349, 3-C, flown by P/O John Livingston (Tony) Boyd, No.185 Squadron RAF, Hal Far, May 1942

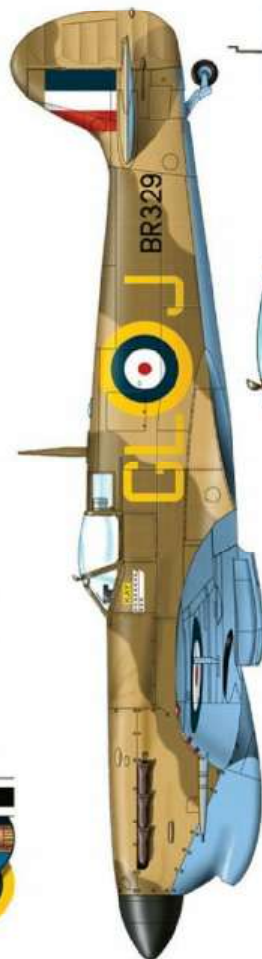


Profiles 1:72 Scale



WorldMags.net

The Battle for Malta – Award of the George Cross



Below: Supermarine Spitfire Mk Vb, BR566, T-M of No.249 Squadron, June 1942

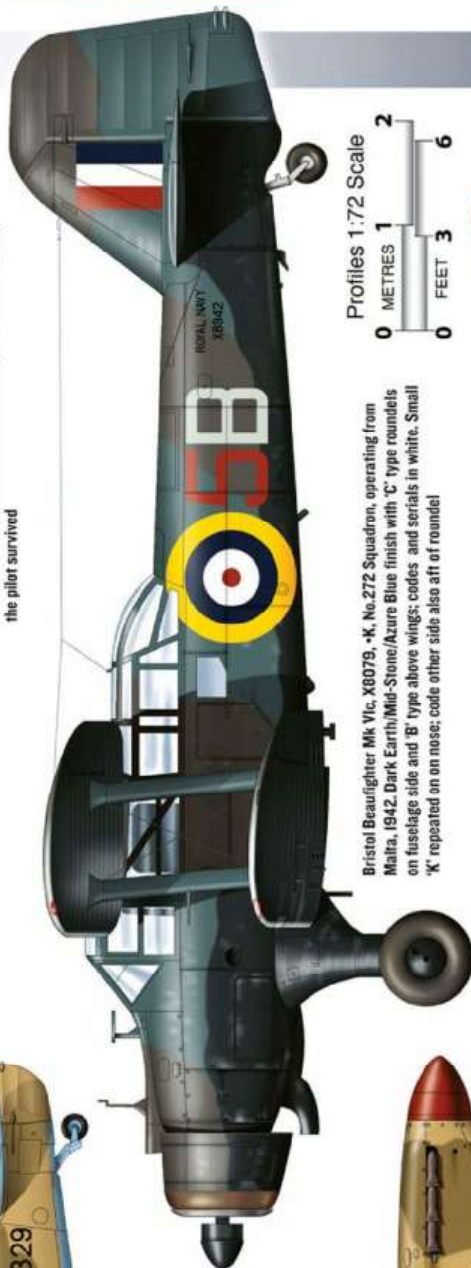
Between 19 May and 15 July HMS Argus and Eagle delivered 112 Spitfires to Malta



The first 16 Spitfires for Malta were flown off HMS Eagle and Argus on 20 March 1942. Contrary to recently published references to Malta Spitfires predominantly finished in a blue-grey overspray, the practice did not begin until late in 1942. Only those Spitfires delivered by Wasp in Operation Calendar of 20th April 1942 were hastily hand-painted in blue whilst the carrier was on its way to Malta; this batch of Spitfires was destroyed by enemy action within a few days. Photo and eye witness accounts up to June 1942 clearly indicate that tropicalised Spitfires at Malta were in Dark Earth/Mid Stone/Azure Blue finish

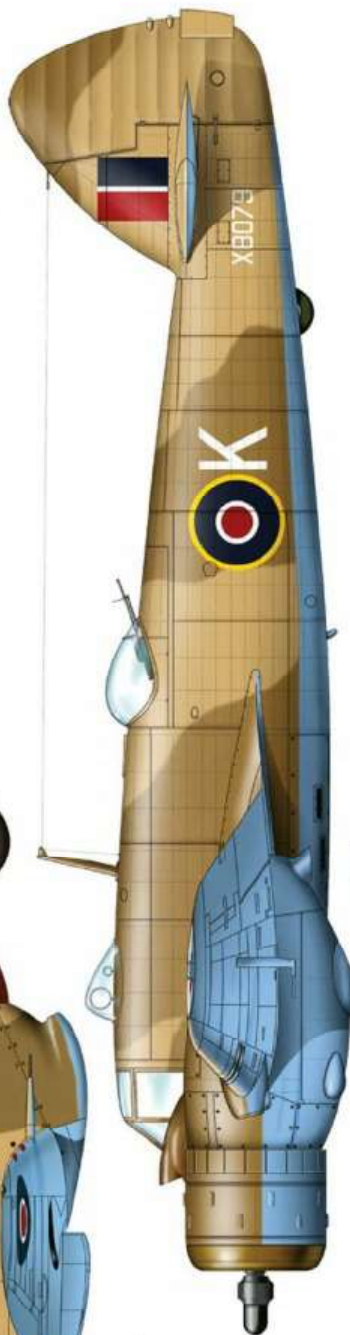
Supermarine Spitfire Mk Vb, BR329, G-L-J, flown by Flt Lt Johnny Platts of No.249 Squadron, showing 'I' swastika victory markings under the windscreen

Fairey Albacore Mk I, X8942, -5B, No.828 Naval Air Squadron (Fleet Air Arm), Hal Far, March 1942. Extra Dark Sea Grey/Dark Slate Grey upper surfaces with Night undersides; code in Ident Red/Medium Sea Grey. This Albacore was forced to ditch in bad weather on return from a seven-hour flight on 22 March; only the pilot survived



Profiles 1:72 Scale
0 METRES 1 2
0 FEET 3 6

Bristol Beaufighter Mk Vc, X8079, -K, No.272 Squadron, operating from Malta, 1942. Dark Earth/Mid-Stone/Azure Blue finish with 'C' type roundels on fuselage side and 'B' type above wings; codes and serials in white. Small 'K' repeated on nose; code other side also aft of roundel



Bristol Beaufort Mk I, L9878, MW-R, No.217 Squadron, Luqa, 1942. Extra Dark Sea Grey/Dark Slate Grey/Night finish with Medium Sea Grey codes and Night serials; 'B' type roundels above wings. 'R' repeated in yellow on nose



The Battle for Malta – Award of the George Cross

Messerschmitt Bf 109F-2/Trop, 'White 9', of I/JG 77, Comiso (Sicily), 1942. RLM 74/75/76 finish



Messerschmitt Bf 109F, 'Yellow 12', 6./JG3, Sicily, February 1942. RLM 79/80/78 finish



Messerschmitt Bf 109F-4, 'Black 2', flown by Ofw. Herbert Rollwage, 5./JG 53, Sicily, 1942



Messerschmitt Bf 109G-2/Trop, 'Black 1', 5./JG 53, Comiso, 1942



Messerschmitt Bf 109F-4/Z, 'White 4', 4./JG 53, Sicily, April 1942. RLM 02/71/65 finish



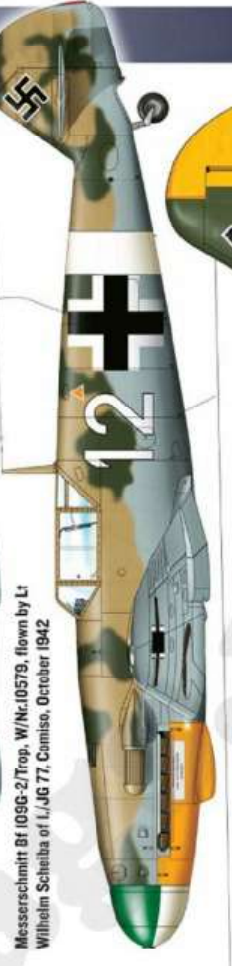
Messerschmitt Bf 109F-4, W/Nr.13376, flown by Hptm. Heinz Bär, Kommandeur I/JG 77, Comiso, 1942. RLM 74/75/76 finish



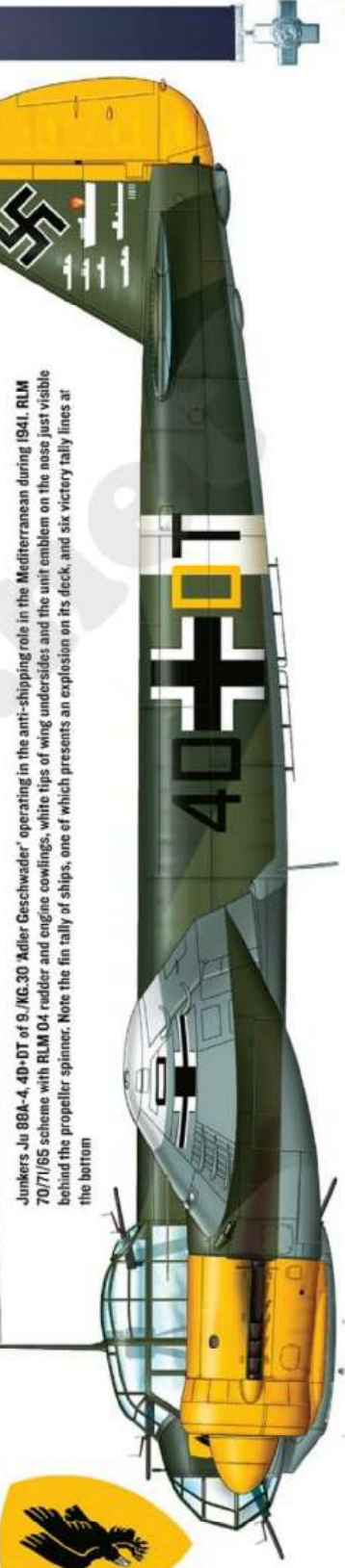
Messerschmitt Bf 109F-4, 'White 3', flown by Ofw. Dr. Felix Sauer, 10 (Jabo)/JG53, Sicily, 1942



Messerschmitt Bf 109G-2/Trop, W/Nr.10579, flown by Lt. Wilhelm Scheiba of I/JG 77, Comiso, October 1942



Junkers Ju 88A-4, 4D-DT of 9./KG.30 'Adler Geschwader' operating in the anti-shipping role in the Mediterranean during 1941. RLM 70/71/65 scheme with RLM 04 rudder and engine cowlings, white tips of wing undersides and the unit emblem on the nose just visible behind the propeller spinner. Note the fin tally of ships, one of which presents an explosion on its deck, and six victory tally lines at the bottom



The Battle for Malta – Award of the George Cross



Junkers Ju 87R-2, W/Nr.7081, 239-7, flown by Magg. Pili Giuseppe Cenni, 239° Squadriglia (101° Gruppo Bombardamento a Tuffo), Gela, August 1942. RLM 7071/65 finish with red spinner and individual number '7' on front of wheel spats; white rear fuselage band with code in black. Markings on top of wing in black only, those below with white background. Gruppo commander's pennant and 'diving duck' emblem on wheel spats

Junkers Ju 88D-4/Trop, B3+BL, I/KG 54, Gerbini (Sicily), April 1942. RLM 7071 upper surfaces with addition of RLM 79. RLM 65 undersides. RLM 04 spinner, underside of cowl and 'B' of code

Junkers Ju 87D-1, S7-EM, B/SIG 3, Trapani (Sicily), May 1942. RLM 7071 upper surfaces with RLM 65 undersides; red/white spinner and red individual letter 'E'; white band around rear fuselage

Profiles 1:72 Scale
0 METRES 1 2
0 FEET 3 6

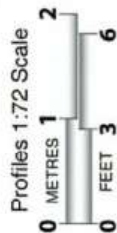
Junkers Ju 53/3m g5e, H4-AA, LLG 1, 1942. RLM 71/65 finish with white rear fuselage band; codes in black with 'X' in blue, outlined in white. 'P2D' in yellow on rudder; unit badge on nose



The Battle for Malta – Award of the George Cross



The Battle for Malta - Award of the George Cross



Above: Savoia-Marchetti SM.79, 253-8, 253rd Squadriglia, 104th Gruppo Autonomo Aerosiluranti, 1942



Right: Savoia-Marchetti SM.79, 278th Squadriglia (132nd Gruppo Aerosiluranti), Mediterranean, spring 1942



Savoia-Marchetti SM.79, 58-5, 58th Squadriglia, 32nd Gruppo, 10th Stormo, Sicily, 1942

Can Z.1007bis, 59-9, 59th Squadriglia, 33rd Gruppo, 9th Stormo, Sicily 1942



Squadron/Signal Publications

Over 250 books offering a wealth of information

SQUADRON/SIGNAL PUBLICATIONS MODELLING REFERENCE BOOKS

Squadron Signal Publications is one of the best known and most extensive ranges of modelling reference books ever published, featuring high quality photographs of aircraft, tanks, ships and more in action, as well as an ever-expanding range of 'walk-around' volumes which show the subject inside and out in crystal-clear photographs - perfect for superdetailing projects.

The books have been helping modellers to add essential details, find markings and apply paint schemes to aircraft, armour and ship models for many years, and the great news is that Squadron Signal books are now easier to find than ever before, because ADH Publishing, the company that brings you Model Airplane International each month, is importing them from the USA.

You can find Squadron Signal at good model and book shops, and you can also check www.adhbooks.com to see what we have on offer!

Please call us now for full details of prices, availability and range; UK (+44) 01525 222573

SS1223 - F-22 RAPTOR IN ACTION

The single-seat, twin-engine Lockheed Martin/Boeing F-22 Raptor is the world's first operational fifth-generation fighter. 'Fifth-Generation' denotes a new plateau in fighter design, surpassing the F-15 and Mig-29 capabilities. This volume traces the history of the Raptor and describes in detail why it is likely to be the world's best fighter for years to come. While the Raptor was

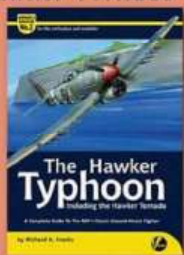
designed for air superiority, it also embodies ground attack, electronic warfare, and signals intelligence features. After years in planning and development, the US Air Force announced plans to purchase over 600 F-22 Raptors in 1991. Cutbacks in 1993 reduced the number to 442. With the onset of the Obama Administration, Raptor production was capped at 187 units. As challenges to US global leadership mount, however, the Raptor's capabilities will face increasing demand. Illustrated with 169 photographs plus color profiles and detailed line drawings; 56 pages.



ALSO FROM ADH BOOKS...

Airframe & Miniature No 2: The Hawker Typhoon including The Hawker Tornado by Richard A. Franks

- 128 pages packed with vital information that no active aviation modeller should be without
- 40+ pages of technical information
- 20+ pages of walkaround images and technical diagrams
- 5+ pages of camouflage and markings
- 25+ pages of model builds and modelling information
- 200+ photographs including wartime images
- Colour side views and four-views by Richard Caruana
- 3D isometric views of all variants by Jacek Jackiewicz
- 1/72, 1/48 and 1/32 scale full kit builds
- A full set of fold-out 1/48 scale plans



SS6701 - Combat Chronicles of the Black Widow (Soft cover) SS7701 - Combat Chronicles of the Black Widow (Hard cover)



Dramatic first-hand accounts by the pilots, radar observers, and gunners who saw combat aboard the first dedicated U.S. night fighter in World War II fill this unique volume, the first in Squadron/Signal's new Combat Chronicles series. Combat Chronicles books bring you action-packed, eye-witness war stories, interviews, and first-hand reminiscences from the front lines. In this premier volume we hear from the crews who rode the Black Widow into battle all over the world. The outbreak of war in Europe in September 1939 and the Battle of Britain in 1940 left no room for doubt that the United States needed quickly to come up with a specialized night fighter to confront the totally new face of air combat. Experience World War II as it was seen by the men in the cockpit of this history-making radar-equipped night interceptor. Illustrated with 152 photographs, 112 pages.

SS28002 - Boeing 737 At The Gate (Soft Cover) SS68002 - Boeing 737 At The Gate (Hard Cover)



Few commercial aircraft have enjoyed a production run that spans more than four decades and service in nearly every nation on Earth. The Boeing 737 has such a track record. Squadron/Signal Publications' latest offering in their growing "At the Gate" civil aviation series takes the reader on a journey through the continuing story of the 737 from the first aircraft to roll off the production line in the 1960s, to the very latest airframes being delivered to major airlines today. The book also offers the reader a look at some of the most interesting 737 liveries as well as parts of the aircraft that few people get to see. Also covered are business jets, cargo carriers, and military versions of the 737 that are less familiar even to the thousands of air travelers who have flown aboard this legendary Boeing liner. Illustrated with over 220 photographs. 96 pages.

SS10227 - B-29 Superfortress In Action (Soft Cover) SS50227 - B-29 Superfortress In Action (Hard Cover)



The B-29 Superfortress was the most advanced production aircraft in the world when it took to the air for the first time in September 1942. This all-new edition of B-29 Superfortress In Action uses 248 vintage photographs, 90 of them in full color, to chronicle the history of this famed heavy bomber. Photos and detailed captions chart the development, production, use, and disposition of not only the XB-29, YB-29, B-29, B-29A, B-29B, and of course the famed "Silverplate" atomic bombers, but also notable variants such as the F-13, F-13A, SB-29, KB-29, EB-29, WB-29, P2B and the history-making X-1 carrier. Also included is coverage of the experimental XB-39 and XB-44 variants. Individual sections of the book explore the interior and armament of these bombers, as well as their production by Boeing, Martin, and Bell. Illustrated with 248 photographs. 88 pages.

SS25054 - B-29 Superfortress Walk Around (Soft Cover) SS65054 - B-29 Superfortress Walk Around (Hard Cover)



Equipped with pressurized cabins for high-altitude effectiveness, with an electronic fire-control system, and remote-controlled machine gun turrets, the B-29 Superfortress was the most advanced aircraft of WWII. Two of those planes, the Superfortresses Enola Gay and Bockscar, dropped the atomic bombs on Hiroshima and Nagasaki in 1945. Yet over all, the B-29 received less notoriety than its storied elder siblings, the B-17 and B-24, perhaps because its service areas - the China, Burma, and India Theater and the Western Pacific - were less publicized than was the war in Europe. Designed by Boeing, nearly 4,000 B-29s had been turned out by the time production ended in 1946. Yet today, only a few meticulously restored and preserved examples of the historic aircraft survive. A unique look at the plane that ushered in the nuclear age. Illustrated with over 210 photographs; 80 pages.

Shown here is a selection of some of the most popular titles, many more available

Available from all good model and book shops

For more details visit www.adhbooks.com or call 01525 222573 • Trade enquiries welcome



Official UK distributor ADH Publishing, Doolittle Mill, Doolittle Lane, Totternhoe, Beds LU6 10X
Tel: 01525 222573 • Fax: 01525 222574 • email: enquiries@adhbooks.com

WATER WINGS

Just about every version of the A6M Zero has thus far been produced in 1:32, I say just about as one has not and that is the A6M2-N Rufe. So when MDC produced a conversion for it you can imagine I was keen to add one to my collection.

"I should have used the A6M2 but being a bit stupid I went and started with the A6M5 and backdated it to the earlier version"



OK, I know that the purist will say that I should have used the A6-M2 but being a bit stupid I went and started with the A6M-5 and backdated it to the earlier version. The simple reason was that I had not done my research thoroughly enough and fell into the trap of thinking that a Zero is a Zero is a Zero! Well no! In fact there are several subtle and not so subtle changes between marks. Added to my stupidity I had three of the latter kit and none of the early version so that also dictated my decision. The MDC conversion

is made up of several cleanly cast, bubble free grey-coloured resin parts, all of which are solid so there will be a considerable weight gain with this set added. There is a new lower wing centre section to fair over the wheel bays, new float and outriggers, new spinner and fin, thoughtfully there is also a trolley for beaching the aircraft however the weight of the model made this item bend a bit, so you have been warned. There are no markings provided but this was a problem quite a way down my list and was in the end easily solved. Topping off the

conversion is a clear set of instructions which show where to cut and the build sequences are offered as photographs making it all pretty straightforward for anyone wanting to do this conversion. (Just remember to start with the correct model, though!)

COCKPIT

Throughout the build I spent considerable time and effort incorporating the excellent Eduard etched sets for the kit and though unfortunately most of that effort will not be seen again, a few modifications

to the basic cockpit are needed. These include the removal of the rear decking, the landing gear and tail hook selectors - all minor but essential. I could not find any definitive images of the cockpit so some logical assumptions had to be made in order to make it as accurate as possible. In the Tamiya kit there are no pipes on the floor, but these are a prominent feature of the real thing. These are made from the parts included in the Eduard etched set, the issue here is that they are therefore flat. In order to dress them to look like pipes a simple coat of thin

YOU WILL NEED...

Before starting:

- Thick Cyanoacrylate & Accelerator
- Gunze-Sangyo Mr Cement S
- PVA cement
- Gator glue
- Kip Finesline masking tape
- Gunze-Sangyo Mr Putty
- Micro Chisel
- Tweezers
- Micro-mesh sanding pads
- Swan-Morton #3 scalpel and blades

- Sheet pewter
- Hairspray
- Soft pencils
- Gunze-Sangyo Mr Surfacer 500
- Gunze-Sangyo Mr Resin Primer
- Cheap car brand (aerosol) primer
- Johnson's Klear
- Lifecolor Tensocrom Weathering Paints: Set 2
- Elastic thread

Paints Used:

Gunze-Sangyo Mr
Aqueous acrylic:
H-2 Black
H-11 Flat White
H-58 Interior
Green
H-59 IJN Green
H-413 RLM 04
Yellow



Tamiya acrylic:
XF-2 Flat white
XF-3 Flat Yellow
X-19 Smoke
XF-76 Grey/Green
IJN



Daler Rowney oil:
Payne's Grey

Dimensions

Span - 12m
Length - 10.10m
Height - 4.30m

Dimensions - 1:32

Span - 375mm
Length - 315.6mm
Height - 134.4mm

Airbrush Used:

Iwata Hi-Line
HP-CH
UK Importer: The
Airbrush Company
www.airbrushes.com



⚠ Always ensure that you work in a well-ventilated area when using solvents



**BUILT & WRITTEN BY
JOHN 'TIGGER' WILKES
FROM THE UK**

PLANE FACTS

In the autumn of 1940 the Japanese Navy issued a 15-Shi specification for a single-seat fighter seaplane that would be capable of providing air cover for offensive amphibious operations in far-flung locations where land bases were not available.

Kawanishi began work on their NIKI design to meet this requirement, but it soon became obvious that the type would not be ready for a considerable time. As a temporary measure therefore the Japanese Navy ordered Nakajima to work on an adaptation of the Mitsubishi A6M2 Reisen (Zero Fighter) for this role. The A6M2 Model II with non-folding wingtips was used as the basis with the undercarriage removed and a large central float and outriggers added in their place. To gain additional aerodynamic stability the vertical tail surface area was increased and a small ventral finlet was added. Because the main float pylon took up space previously used for the drop tank, a fuel tank was installed in the float itself.

The prototype A6M2-N first flew on the 7th December 1941 and was designated the Navy Type 2 Floatplane Fighter Model II. First production A6M2-Ns were delivered in April of 1942 and the Allies codenamed it 'Rufe'. A total of 327 A6M2-Ns were built by Nakajima between December 1941 and September 1943.

1:32



6 MODEL INFO

SPEC: Tamiya 1/32nd A6M2b Zero Model 21 Zeke

KIT NO.: 60317

MATERIALS: IM

AVAILABILITY: The Hobby Company Ltd (UK Importer) and Tamiya stockists worldwide

PRICE GUIDE: £99.99/\$8000

PVA glue will add bulk, a second coat makes the flat section look round and once painted give the impression of the pipes we want. I used Eduard colour seat belts, which added some extra realism to the already highly detailed cockpit, and a section of clear acetate replaced the kit gunsight glass. Where necessary small details were picked out with Vallejo paints and some small stencilling was made with oil paint applied with a pin, and although there isn't much, it all adds to the effect. In the end a very busy and complete cockpit is not too difficult to achieve.

POWER

Once again an Eduard set is used to dress this detailed replica and it wasn't until later I found that the complete exhaust system on the Rufe was a different set-up to the A6M5 I was using! In this instance I was fortunate enough to find a suitable resin set for the right engine from Quickboost, which fitted nicely and solved that problem - Phew! All of the ignition wires and cowl mounting points came from the Eduard etched set and dressed the engine nicely, such a shame that so little will ever be seen again. The same technique

of thickening up the wires was done with thinned white glue applied in two coats to make the flat brass a more rounded profile.

Next headache? As you will note the intake on the cowl is situated at the bottom and as supplied in the kit I was using it was at the top, I cracked out the Gunze-Sangyo Epoxy filler and after removal of the top intake replaced it with a new one at the bottom made from shaped filler. To add visual interest to the intake I added a mesh grille down the tunnel, I also needed to make the tunnel on the outside of the cowl

and again Gunze-Sangyo epoxy filler did the job admirably. Finally when I thought I had finished I then had to make new cowl flaps and deepen out the gun troughs too, as well as remove the reinforcing plates behind the old exhaust system. For the flaps I used some sheet pewter, which was attached with shims of plastic rod and gently bent to shape. Careful sanding reshaped the gun troughs to the desired depth and shape. Final step for the engine was the replacement of the spinner with the one from the MDC conversion, and this proved to be a bit →

REFERENCES...

Conversion Used:

#CV32029 A6M2-N Rufe float-plane conversion
Price Guide: £30.00
Available worldwide from www.modeldesignconstruction.co.uk



- Mitsubishi A6M Zero, Aero Detail No.7 (Dai Nippon Kaiga Co., Ltd 1993 ISBN: 4-499-22608-2)
- Mitsubishi A6M Zero, The Maru Mechanic No.14 (1/1979 ISSN: 68363-14)
- Mitsubishi A6M Zero, The Maru Mechanic Special (12/1985 ISSN: 08308-12)
- Mitsubishi A6M Zero (Gakken Co., Ltd 2003 ISBN: 4-05-603233-5)
- Mitsubishi A6M Zero by A. Lichte, Modelmania No.6 (AJ Press 2006 ISBN: 83-7237-062-1)
- Mitsubishi A6M2, Maru Mechanic No.3
- Mitsubishi A6M2 Zero (Gakken Co., Ltd 2001 ISBN: 4-05-602655-6)

- Mitsubishi A6M Zero by A. Juszcak (Mushroom Model Publications 2001)
- Mitsubishi A6M-1/2/2N Zero-Sen of the Japanese Naval Air Service by R.M. Bueschel (Schiffer ISBN: 0-88740-754-4)
- Mitsubishi A6M2 Zero-Sen by R.J. Francillon, Profile No.129 (Profile Publications 1966)

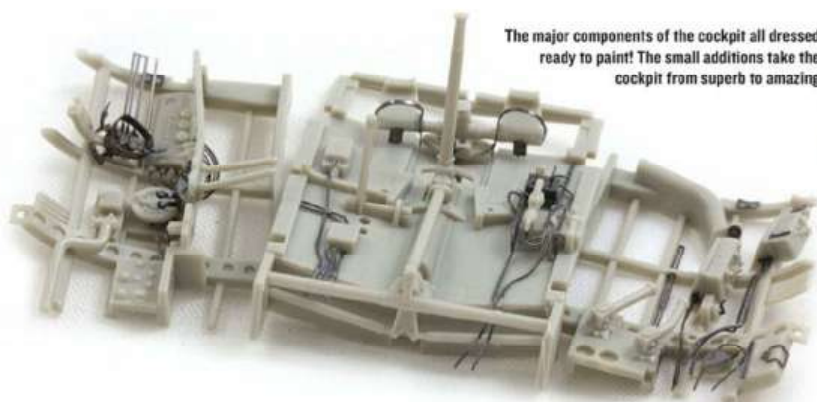


STEP BY STEP GUIDE - INTERIOR

Right from the very beginning etched brass was going to be a major part of this model and in this case the gun barrels were replaced with parts rolled around a drill bit that look quite realistic. The downside to this is that they will almost not be seen when on the model



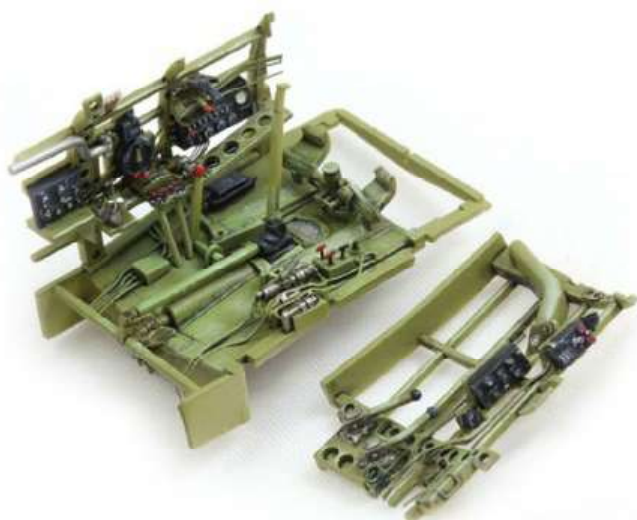
Once again etched brass replaces small items which will never be seen again, however I know they are there



The major components of the cockpit all dressed ready to paint! The small additions take the cockpit from superb to amazing



I prefer the type of instrument panels where the decal is placed behind a nice cast panel face and here Tamiya have done a great job, all it needs is a little artistic painting and a thin coat of some sort of clear over the instrument faces



The rest of the cockpit sub-assemblies ready to button up. Some small alterations were necessary for the Rufo like the removal of both the gear and hook selectors. A good illustration of the cockpit is essential in order to correctly identify the parts to be omitted. The Aero Detail book was my main reference throughout



With everything just about done all of the cockpit is assembled. There was nothing in the build so far to suggest there would be any problems and this was evident throughout the rest of the build, which is testament to Tamiya's attention to detail as well as their engineering skills

Even more brass behind the seat bulkhead to support the bottles and those ejector pin marks will be cleverly hidden by other structures that make up the innards of the model





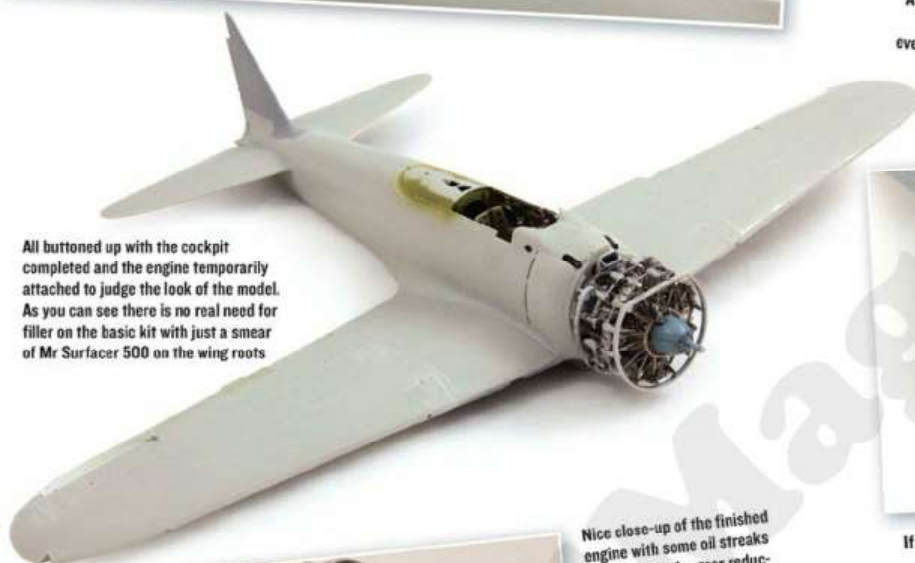
STEP BY STEP GUIDE - CONVERSION



Following the MDC instructions the removal of the fin will be an easy modification. All the new parts are made to fit at convenient panel lines so the cuts can be made then you sand back to the panel lines before fitting the new parts



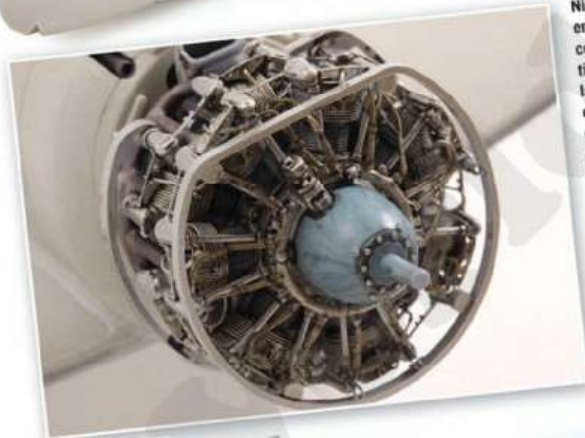
A complete new fin and rudder is provided and these fit almost perfectly. There was no real need for filler as long as you take your time and make sure everything is lined up, then a perfect end result should be pretty easy to achieve



All buttoned up with the cockpit completed and the engine temporarily attached to judge the look of the model. As you can see there is no real need for filler on the basic kit with just a smear of Mr Surfacer 500 on the wing roots



If I had the right kit then this would not have happened, what you see is the result of my stupidity, but I persevered and carried on with the conversion to make it work. Gunze-Sangyo Epoxy filler was the one I used to fair it all in at the end!



Nice close-up of the finished engine with some oil streaks coming from the gear reduction housing. There are a large number of parts in the completed engine with all of the ignition wires as well as mounting brackets and various other fittings, all of which will probably never be seen again



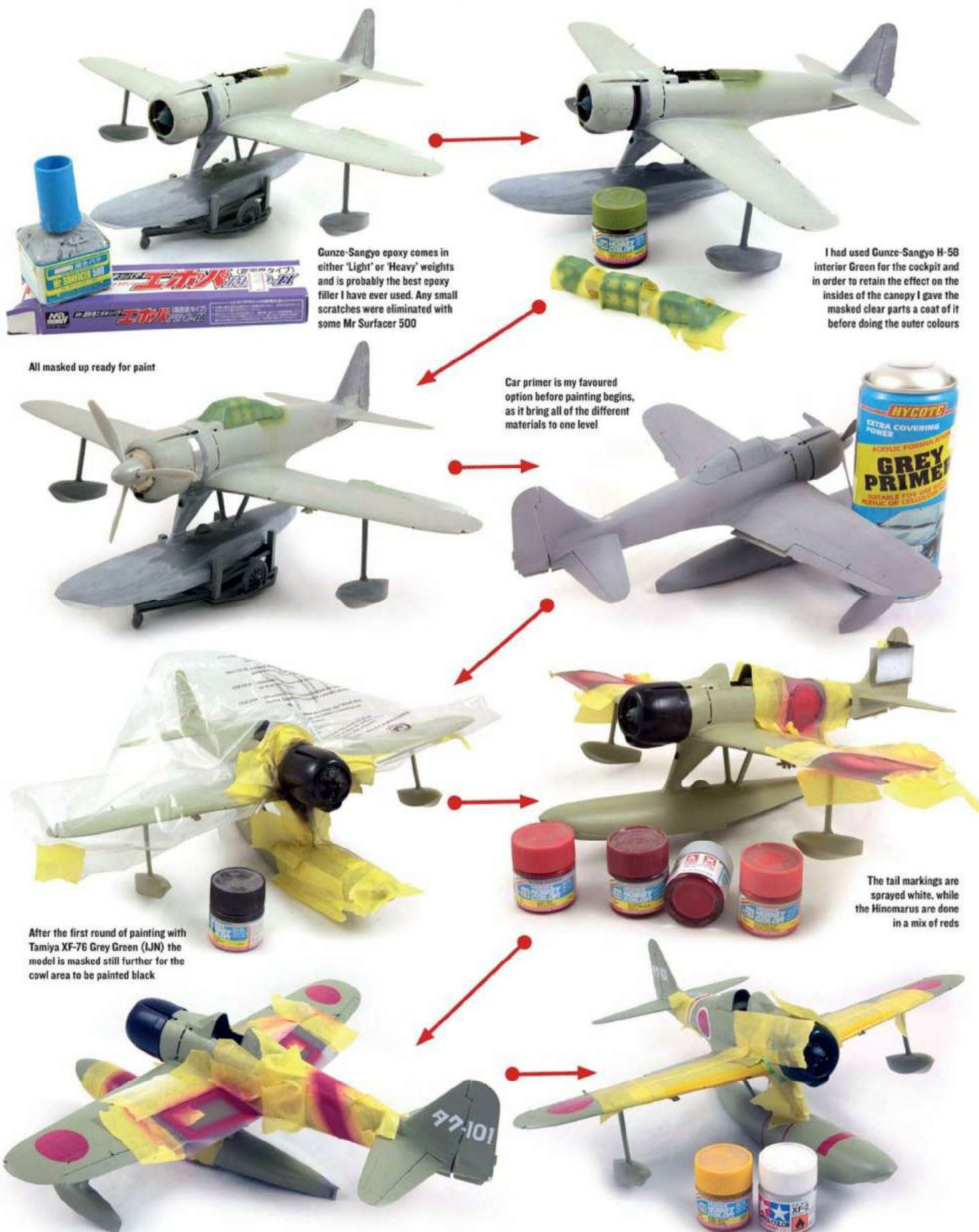
With the trolley made I sat the completed airframe on it and took stock. Before I went any further I went around the whole model with the reference book to hand to identify if there was anything else I needed to correct or alter. One such area was the cowl gills seen removed here, which would later be replaced with ones made from sheet pewter



At this stage I added the floats and faired in the wing centre section with epoxy filler. The next thing to correct is the front squared-off edge of the fuselage where it replaces the original exhaust outlet area, using epoxy filler to build up this area

KIT BUILD

SKILL LEVEL: BEGINNER

STEP BY STEP GUIDE - PAINT, MARKINGS & WEATHERING



STEP BY STEP GUIDE - PAINT, MARKINGS & WEATHERING CONT...

Now that the major colours and markings were on they were remasked and a liberal coat of cheap hairspray was applied

In order to get the effect I wanted Gunze-Sangyo H-59 IJN Green was applied in a light squiggle pattern all over the upper surfaces



Micro-mesh pads in hand and a good stiff brush with plenty of water made the green easy to weather until it looked really tatty, as I wanted

With every stage up to now sealed with Johnson's Klear/Gunze-Sangyo Clear mix the weathering with oils can begin. A liberal coat of Payne's Grey oil colour is applied as a wash

Tensocrom Weathering Set 2 is a very easy set of thin washes that impart various different effects on the model. Not every one was used but those that were included the Oil, Smoke and Fuel I shades as well as several coloured pencils to aid with the final weathering

"I found that Montex make a couple of sets of masks for the Rufe in 1:48 and I chose one of these schemes. I emailed the proprietor of the company and asked if he could enlarge them to 1:32 and he obliged my request"

of a chore as it took several attempts to get it blended in smoothly enough to not show through, as it was to be painted silver so any joint needed to be perfect.

WINGS

In essence the wing needs to have the tips reshaped and the ailerons altered, the wingtip fold line added and the biggest part, the undercarriage bays, faired over. MDC have given us a head start with the wheel bays as there is a convenient resin part to solve this.

Bear in mind I was using the wrong kit the main conversion is made for and that is why it didn't fit as well as it should have. Where it didn't fit I back filled the spaces with paper soaked in some thin superglue, which made a base for the Gunze-Sangyo epoxy filler that was applied and shaped whilst softened with pure alcohol and a finger. Final sanding captured the shape and a final coat of Mr Surfacers 500 blended it all in. MDC have also included the extended fin and base for the Rufe and with careful cutting and

sanding it all fitted nicely with hardly any need for any filler.

CANOPY

Tamiya provide a superb set of clear parts and also a set of painting masks, which help immensely. All of the clear parts were attached with either Gator Glue or Mek Pak. Be careful when masking as there is a small hole on the rear section which will need to be filled with something like a small piece of sponge during painting to stop paint entering the inside of the canopy. You

will also need a steady hand cutting the masks from their backing but they work superbly. Use a new scalpel blade with a straight edge and keep the cutting angle high and you should not have too many problems.

PAINT NOT DECALS

Once the model was completed the first coat of a cheap car primer was applied straight from the can. I had already applied a coat of Gunze-Sangyo resin primer to the resin parts, duly thinned with



"This was left to dry before coming back to it with a stiff brush and some water, scrubbing the surface until the hairspray softened and the top green began to lift"

cellulose thinners. A light buffing with Micro-mesh pads prepared the surface for the first colour, in this case the Japanese light grey/green that is available in the Tamiya range as XF-76. With the base on I masked the nose cowl and applied Gunze-Sangyo H-2 Black and you will see that in order to mask I used the plastic bags which the model parts come in instead of miles of masking tape. Right at this stage I started to consider what colour scheme to use and as there are no decals for the Rufe in 1:32 I considered the use of homemade masks. However, after a trawl on the internet I found that Montex make a couple of sets for the Rufe in 1:48 and I chose one of these schemes. I emailed the proprietor of the company and asked if he could enlarge them to 1:32 and he obliged my request, so in a few days they arrived ready for the markings to be applied.

With a set of vinyl masks to hand I could set about the markings. I have used this type of masks before and being vinyl they are easily repositioned: there is also another quirk of the vinyl in that it is transparent so you can see where you are putting them without worrying about missing the right spot. Another advantage is that they show a darkened edged wherever they are pushed down and this indicates that they are sealed and ready for paint to be applied. Always starting from the lightest colour I applied the masks making sure they were burnished down at the edges then applied Gunze-Sangyo H-II flat white. The next set of masks were applied then a home brew mix of various reds was applied to get the nice deep faded red I was after without it being too pink. This worked well as I then used the original colours to lightly dust over the markings to

give a nice sun bleached effect. I found that the leading edges of the wings needed to be yellow and although Tamiya provided decals in the original kit I chose to paint them instead. First a base coat of white was applied then a top colour of H-413 RLM 04 Yellow went on. So with all of the markings applied the mask centre (unused bits) were put over the painted markings and a coat of cheap hairspray was dusted on. This dried quickly so a second heavier coat was then applied. After much deliberation on the exact colour of the Japanese WWII aircraft I chose Gunze-Sangyo H-59 IJN Green and airbrushed this over the entire model in a squiggle pattern covering most of the upper surfaces. H-59 is listed as a Japanese aircraft colour and that is what I based my decision upon. I am happy to report that I think it looks just right to my eye. This was left to

dry before coming back to it with a stiff brush and some water, scrubbing the surface until the hairspray softened and the top green began to lift. I finished this off with a Micro-mesh sanding pad, which gave a pleasing effect. Any excess paint rubbed off was wiped away with a damp kitchen towel. In order to get some scratches I gently scratched the surface with a pointed set of tweezers and this added another dimension to the scruffy paintwork. At this stage I went ahead and sealed the whole lot with Johnson's Klear before moving on. The usual round of Payne's Grey oil wash followed before it was left to dry out for an hour then the excess was wiped off in the direction of the airflow. An overall squiggle pattern of highly thinned white and gloss was then applied: be careful with this part as too much will look awful. Finally with the airbrush



I followed all of the panel lines with a highly thinned mix of Tamiya Smoke X-19 and that was the lion's share of the weathering done. All of these techniques are simple, just don't rush and keep stopping to check your work, the old adage 'less is more' is apt here because with weathering too much will just not look right, so stop when you

think it is not quite enough. Any small parts such as the aerial mount and the towing ring on the front of the main float support were now added. The aerial was attached with superglue and made from very fine elastic thread. The final weathering was achieved with the use of Tensocrom oil, which was applied where there

were likely to be drips and streaks, especially under the engine on the float where it leaks fluids. Looking at photos of seaplanes and flying boats there often seems to be a scum tidemark and to replicate this I used soft pencils of various colours and blended them out with a cotton bud until I had the effect I was after. I used

various greens and browns to get the stain and it took a while to get it just as I wanted. Thankfully these pencils are soft and they can be removed with a damp cotton bud without leaving any residue or colour if you are not happy. One final satin coat of Vallejo varnish finished this one off ready for the display case. ■

FINAL VERDICT

■ Well to be honest if I had used the right kit then this would have been a simple conversion, however, due to my stupidity it turned into a job which was spread over the best part of 10 months. The end result has exceeded my own expectations and reminded me that there is life after building so many models from the box. The Tamiya kit does not need anything written about it, as it is superb, so with the MDC conversion added it makes for an interesting subject. I was also lucky enough to get the masks made and these proved to be indispensable for this scheme.

● Was it worth the effort?

In short would I do it again, yes, but with the right kit to start with!



new releases - **kits****PREVIEW****Rumpler C.IV 'Late'** **1:32**

Wingnut Wings, New Zealand / Materials: IM, PE / Kit No.: 32037 / Availability: Manufacturer worldwide / Price Guide: US\$89.99

This is another of Wingnut's new tool WWI creations in 1:32. It comes in their usual superb packaging and inside the box you will find nine grey-coloured sprues containing 218 parts and a single clear sprue with two parts. The small etched fret contains ten pieces and these are the gun jackets, seat harness and gunsights. The instructions come as the usual A4-sized booklet, in this instance it is 28 pages. Inside you will find each assembly stage shows as diagrams and this is supported by a number of period images and drawings. These are superb for those of you wanting to add yet more detail. Surface detail is finely engraved while all fabric effect is very subtle. There are lots of options in the kit and

these include such things as Parabellum LMG 14 or 14/17 machine guns with either Rumpler or LVG style gun rings. You also have optional accessories in the form of camera, photo plates, first aid kit, homing pigeon box, wheel chocks, toy bear(!), step ladder, standard ladder, flare pistols and stools. The kit comes with five decal options: 1421/17, unknown unit, mid/late 1917, 1449/17, 'Black 6', unknown unit, mid/late 1917; 8037/17, 'Scarab', unknown unit, mid/late 1917; 8231/17, unknown unit, late 1917/early 1918; S/No. N/K, 'Good people don't shoot', unknown unit, late 1917/early 1918. The kit also includes two large sheets of pre-shaped lozenge decals (not shown here).

**DIMENSIONS**

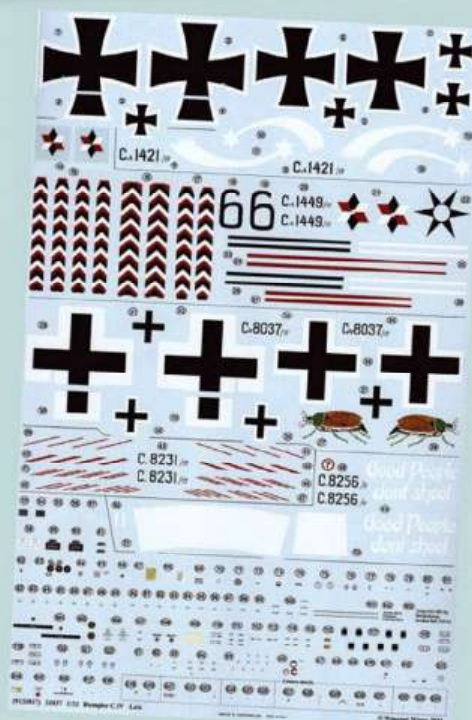
Span - 12.66m
Length - 8.41m
Height - 3.25m

DIMENSIONS - 1:32

Span - 395.6mm
Length - 262.8mm
Height - 101.6mm

REFERENCE

■ Rumpler C.IV by P.M. Grosz, Windsock Datafile No.35 (Albatros Productions 1992)

*Verdict*

Another beautiful kit, well within the capacity of most modellers due to its superb engineering. The end result will be worth time and care though as it is unlikely any will ever surpass it. Highly recommended to all WWI modellers and our thanks to Wingnut Wings for the review sample.

KEY: IM (Injection-moulded Plastic), R (Resin), PE (Photo-etched Brass), VF (Vacformed Plastic), WM (White-metal), RB (Rubber)

PREVIEW

Douglas TBD-1 Devastator 1:48

Great Wall Hobby, China / **Materials:** IM, PE / **Kit No.:** L4807 / **Availability:** The Airbrush Company Ltd (UK Importer) and Great Wall Hobby stockists worldwide / **Price Guide:** £49.99

Having recently given us an excellent 1:48 P-61 Great Wall Hobby has now followed it up with this new-tool TBD-1. In the box are one clear and four grey-coloured sprues, a separate grey plastic cowl, two frets of etched brass and two white-metal wing hinges. The packaging is superb, with each sprue in its own ultra-clear plastic bag and the clear sprue further protected by a foam outer bag. Surface detail is lightly engraved with fine fixtures but little in the way of rivets (thankfully). The raised corrugations on the wing panels are fine and the rib detail on the control surfaces are through a combination of a slight indentation and raised rib bars - very effective. As is their way, the kit gets a full interior with etched harness included for all seats. The decals for the instrument panels are individual dial faces, thus reducing the risk of silvering but complicating

application. The eight-part engine is very nicely detailed and the propeller has separate hub boss and spinner. The wings are moulded with the outer panels separate, but they can be posed open or folded thanks to the clever etched ribs and metal hinges for the latter option. The flaps and ailerons are separate, the elevators and rudder are not. The doors for the torpedo sighting window are there, as is the area inside so these could be posed open (unlikely on the ground though). The main wheels are 'weighted' and you get die-cut self-adhesive masks for all the glazing (phew!) The kit offers two options: 'Black 8-T-14' of VT-8, USS Hornet flown by Ens. G. Gay and 'Black T-16' also of VT-8, flown by Lt Cdr J.C. Walton. Both options relate to the Battle of Midway. The decal sheet offers national insignia, propeller tips, wing walkways but no stencils.



DIMENSIONS

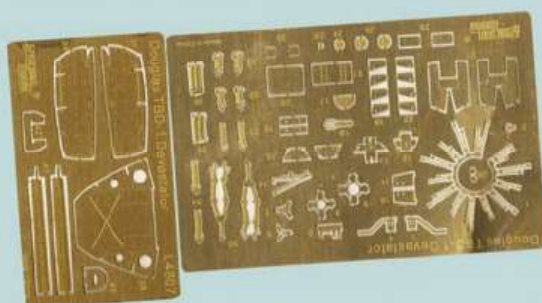
Span - 50ft 0in (15.24m)
Length - 35ft 0in (10.67m)
Height - 15ft 1in (4.60m)

DIMENSIONS - 1:48

Span - 317.5mm
Length - 222.3mm
Height - 95.8mm

REFERENCES

- *Douglas TBD-1 Devastator* by S. Ginter, *Naval Fighters No.71* (Steve Ginter 2006 ISBN: 0-942612-71-X)
- *Douglas TBD Devastator & SBD Dauntless* by J. Ledwoch & J. Nowicki, *Militaria No.119* (Wydawnictwo Militaria 2000 ISBN: 83-7219-081-X)



Verdict

This is an superb kit with the highest levels of details combined with superb injection moulding and packaging. It certainly surpasses the old Monogram example, at last, so it is one we highly recommend to all USN/USMC modellers. Our thanks to The Airbrush Company Ltd for the review sample.

new releases - kits

Key: **IM** (Injection-moulded Plastic), **R** (Resin), **PE** (Photo-etched Brass), **VF** (Vacformed Plastic), **WM** (White-metal), **RB** (Rubber)

Messerschmitt Me 262A-1a/U5 and Me 262A-1a/U2 (V056)

Scale 1:48 / HobbyBoss, China / Materials: R, WM / Kit No.: 80373 & 80374 / Availability: Creative Models Ltd (UK Importer) and HobbyBoss stockists worldwide / Price Guide: £16.99 each

We can deal with both of these as they are all based on a common tooling and each is a revision to the cannon-armed A-1a/U4 that we reviewed in Issue 66. Each box contains the standard medium grey-coloured sprues of the single-seater with the following revisions: A-1a/U5 has all four cannon in the nose plus the addition pair of cannon in the extreme nose along with the revised nose cone; A-1a/U2 (V056) has the FuG 218 radar antenna along with the revised nose cone and dipoles and the FuG 226 antennas on the upper port wing surface. It should be noted that while the U5 had head armour fitted (#K11), but the V056 never had it installed in any of the surviving images. Each kit only offers one colour scheme, as only one prototype was built, so you get W/Nr.112355, the V355 for the A-1a/U5 and W/Nr.170056, the V056 in March 1944 for the A-1a/U2. Please note that the nose wheel door for the first option seems to be shown in bare metal on the painting guide, but it would be RLM 02 as it was made of wood, also the black tail on the V056 (also known as the V2-2) is only an option if you fit all the wool tufts attached to this area for research into airflow around the radar antenna. You could do the area black without the wool tufts, but that was much later in the types life when the radar was not fitted and there was a dorsal spine installed - it later had a spine fitted above the nose for trials and had the vertical fin truncated more and more, it was found on the scrapheap at Lechfeld at the war's end.

Verdict: You have got to congratulate HobbyBoss for covering so many versions of the single-seat Me 262. There are others still to come and we are also promised the two-seat version at some time in the future. The first kit built very easily and these will no doubt be as good, so they can be highly recommended to all. Our thanks to Creative Models Ltd for the review samples.

DIMENSIONS

Span - 12.51m
Length - 10.60m
Height - 3.83m

DIMENSIONS 1:48

Span - 260.6mm
Length - 220.8mm
Height - 79.8mm

REFERENCES

- Me 262 Vols 1, 2, 3 & 4 by J. R. Smith & E. J. Creek (Classic Publications 1998/1999/2001)
- Messerschmitt Me 262 - A guide to the Luftwaffe's First Jet Fighter by Richard A. Franks (Valiant Wings Publishing 2010 ISBN: 978-0-9567198-0-5)
- Me 262 Schwalbe Pt.1, Aircraft Monograph No.8 by S. Fleischer & M. Rys (AJ-Press 1998 ISBN: 83-86208-68-6)
- Me 262 Schwalbe Pt.2, Aircraft Monograph No.9 by S. Fleischer & M. Rys (AJ-Press 1998 ISBN: 83-86208-69-4)



RAF FE.2b 'Late'

Scale 1:32 / Wingnut Wings, New Zealand / Materials: IM, PE / Kit No.: 32025 / Availability: Manufacturer worldwide / Price Guide: US\$89.00

- New tooling
- Seven clear and 288 grey-coloured plastic and 11 photo-etched components
- Five decal options: 7018, 'Punjab 32 Montgomery', L.B.F. Morris & T. Rees, No.11 Sqn, Sept. 1918; 7666, 'B4', BP built, Training Sqn, June 1917; A778, 'Alfred Muller Simpson', G&J Weir built, F.H. McNamara VC and S.J. Hendy, CFS Australia, mid-1918; A852, G&J Weir built, L.G. Taylor and F.E. Lefebvre, No.100 Sqn, January 1918; A5650, 'Jess', G&J Weir built, No.100 Sqn and USAS, mid/late 1918

Verdict: This is another superb product from the best WWI kit manufacturer around at present. It is highly recommended without reservation to all. Our thanks to Wingnut Wings for the review sample.

REFERENCE

- RAF FE2b by P.R. Hare, Windsock Datafile No.134 (Albatros Productions 2009 ISBN: 978-1-0-6798-01-7)



Beechcraft D17S Staggerwing

Scale 1:48 / Roden, Ukraine / Materials: IM / Kit No.: 446 / Availability: Pocketbond Ltd (UK Importer) and Roden stockists worldwide / Price Guide: £37.99

- Reissue with new decals
- 60 light grey-coloured and seven clear plastic components
- Three decal options: N24IK, private ownership in the UK, 2010; N52962, private ownership in the USA, 2001; VH-FNS, private ownership in Australia, 2010.

Verdict: The release of this civil version was inevitable, it simpler in comparison with the military versions that went before it and it does have some colourful scheme. It is therefore recommended to all civil aviation fans. Our thanks to Roden for the review sample.

REFERENCE

- Beech Aircraft and their Predecessors (Putnams 1995)



SAMPLES FOR REVIEW

Please send all items for review to the following address:

Model Airplane International, Doolittle Mill, Doolittle Lane, Totternhoe, Bedfordshire, LU6 1QX, United Kingdom.
Companies in the European Union should also add our VAT number, which is GB 789 7020 84

Northrop F-5F 'US Air Force'

Scale 1:48 / AFV Club, Taiwan / Materials: IM, PE / Kit No.: AR48106 / Availability: Pocketbond Ltd (UK Importer) and Trumpeter stockists worldwide / Price Guide: £35.99

- Reissue with new decals
- 194 light grey-coloured and 10 clear plastic, plus five photo-etched brass components
- Four decal options: S/No.00891, USAF, Williams AFB, 1979; S/No. 50681, Republic of Iran Air Force; Royal Jordanian Air Force example; '852', No.144 Sqn, Singapore Air Force

Verdict: This series of F-5s is extremely good and they build well as illustrated by our article on the F-5E in Issue 65. This new two-seater looks every bit as good and is therefore highly recommended to all. Our thanks to Pocketbond Ltd for the review sample.

REFERENCE

■ Northrop F-5/F-20/T-38 by F.A. Johnsen, Warbird Tech Vol.44 (Specialty Press 2007 ISBN: 1-58007-094-2)



Hawker Hunter F Mk 6/9

Scale 1:48 / Italeri, Italy / Materials: IM / Kit No.: 2708 / Availability: The Hobby Co., Ltd (UK Importer) and Italeri stockists worldwide / Price Guide: £24.99

- Reissue of Academy kit from 1997
- 178 light grey-coloured and six clear plastic components
- Six decal options: XGI30, No.45 Sqn, RAF Wittering, 1974; XGI59, No.56 Sqn, RAF Wattisham, 1959; N-249, No.352 Sqn, Dutch Air Force, Soesterberg, 1962; J-4102, No.45 Sqn, Swiss AF, Payerne, 1973; BA341, No.14 (Bulls) Sqn, Indian AF, Kalaikudda, 1963; '527', No.144 Sqn, Singapore AF, 1991. The decals include full airframe and weapons stencils.

Verdict: Oh what a shame, we were all excited with the prospect of a new Hunter in 1:48 as the old Academy one had some major errors, but it is not to be. With work and using all the various upgrades that have been produced for the type since 1997 you could make a reasonable Hunter, but for most this is a missed opportunity. Our thanks to Italeri Spa, for the review sample.

REFERENCE

■ Hawker Hunter F Mk 6/9A by M. Ovcak & K. Susa, Mark I Guide (4+ Publications 2005 ISBN: 80-86637-02-6)



Pfalz D.IIIa

Scale 1:32 / Wingnut Wings, NZ / Materials: IM, PE / Kit No.: 32006 / Availability: Wingnut Wings (Manufacturer) worldwide / Price Guide: \$65.00

- New tooling
- Two clear and 132 grey-coloured plastic components
- Five decal options: 5983/17, flown by Hans Joachim Buddecke, Jasta 30, February 1918; 8143/17, flown by Walter Ewers, Jasta 77b, April 1917; S/No.N/K flown by Max Hittschler, Jasta 18, late 1917; S/No.N/K flown by Max Holtzem, Jasta 16b, early 1918; S/No.N/K flown by Hans Muller, Jasta 18, April 1918.

Verdict: This is a superb kit, that is highly recommended to all WWI fans. Our thanks to Wingnut Wings for the review sample.

REFERENCES

■ Pfalz D.IIIA by P.M. Grosz, Windsock Datafile 21 (Albatros Productions 1990 & 1995 ISBN: 0-948414-25-1)



Boeing 787-8 Dreamliner

Scale 1:144 / Revell, Germany / Materials: IM / Kit No.: 04261 / Availability: Revell GmbH (UK Branch) (UK Distribution) and Revell stockists worldwide / Price Guide: £19.99

- Reissue of Zvezda kit first released in 2009
- 63 white and nine clear plastic components
- Five decal options: N787BX, N7874, N787FT or N787ZA, all prototype/demonstrator aircraft

Verdict: Now being in a Revell box should increase availability, which is good, and the decals are better, which is also good, but the schemes are still quite complex. Certainly recommended if you feel up to the painting and our thanks to Revell GmbH (UK Branch) for the review sample.

REFERENCE

■ None



Douglas VC-118

Scale 1:144 / Roden, Ukraine / Materials: IM / Kit No.: 307 / Availability: Pocketbond Ltd (UK Importer) and Roden stockists worldwide / Price Guide: £21.99

- Revised tooling with new decals
- One clear and 85 light grey-coloured plastic components
- One decal option: S/No.46-505, The Independence, late 1940s

Verdict: The simple addition of a new sprue with the revised propellers plus new decals has allowed their DC-6 to become the presidential airliner. As with the DC-6 kits this one is highly recommended to all and our thanks to Roden for the review sample.

REFERENCE

■ Les Rois du Ciel: Douglas DC-1 a DC-7 by R Francillon, Collection Histoire de l'Aviation No.27 (Lela Presse 2011 ISBN 978-2-914017-58-9)



A.W. Whitley Mk V

Scale 1:72 / Fly, CZ / Materials: IM, R, PE / Kit No.: 72006 / Availability: Hannants (UK Importer) and Fly stockists worldwide / Price Guide: £44.30

- New tooling
- 65 grey-coloured and 35 clear plastic plus 42 resin and five photo-etched brass components
- Four decal options: NI438, GE+B, No.58 Sqn, Linton-on-Ouse, June 1940; P5004, KN+U, No.77 Sqn, Cranwell, late 1940; T4131, EY+W, No.78 Sqn, 1941; T4261, DY+U, No.102 Sqn, late 1941

Verdict: Not an easy option, but certainly better than the old Frog kit, so one for the experienced amongst you. Our thanks to Fly for the review sample.

REFERENCES

■ Armstrong-Whitworth Whitley by K. Wixey, Warpaint Series No.21 (Hall Park Books Ltd 1999)



new releases - kits

Key: **IM** (Injection-moulded Plastic), **R** (Resin), **PE** (Photo-etched Brass), **VF** (Vacformed Plastic), **WM** (White-metal), **RB** (Rubber)

D.H. Vampire FB.5

Scale 1:72 / Revell, Germany / Materials: **IM** / Kit No.: 03993 / Availability: Revell GmbH [UK Branch] (UK Distribution) and Revell stockists worldwide / Price Guide: £8.99

- Reissue of Heller tooling from 1980, last released by Revell in 1991
- 40 light grey-coloured and three clear plastic components [raised panel lines]
- Two decal options: WA235, L.A., No.112 Sqn, Bruggen, Germany, 1953; WA331, A.T., No.112 Sqn, Fassberg, Germany, 1951

REFERENCE

■ De Havilland Twin-Boom Fighters; Vampire, Venom & Sea Vixen by Barry Jones (The Crowood Press 2004, ISBN: 1-86126-681-2)



Grumman EA-6B Prowler

Scale 1:48 / Italeri, Italy / Materials: **IM** / Kit No.: 2698 / Availability: The Hobby Company Ltd (UK Importer) and Italeri stockists worldwide / Price Guide: £59.99

- Reissue of Kinetic kit, which was first released in 2010
- 216 grey-coloured and 12 clear plastic components
- Five decal options: VAQ-133, Bagram airfield, Afghanistan, 2007; VAQ-135 'Black Ravens', USS Carl Vinson, 1998; VAQ-141 'Shadowhawks', USS Theodore Roosevelt, Gulf War, 1991; VAQ-141 'Shadowhawks', USS John F. Kennedy, Gulf War, 1991; USMC, VMAQ-2, MCAS Cherry Point, 1990

Verdict: US Navy modellers have waited a long time for a new tooling of the Prowler and this reboxing by Italeri includes some excellent decal options. It is highly recommended and our thanks to The Hobby Company Ltd for the review sample.

REFERENCE

■ EA-6B Prowler, Walk Around No.35 (Squadron/Signal Publications 2004)



Grumman F6F-5 Hellcat 'ProfiPACK'

Scale 1:72 / Eduard, Czech Republic / Materials: **IM, PE** / Kit No.: 7077 / Availability: Creative Models, Hannants & LSA Models (UK Distributors) and Eduard stockists worldwide / Price Guide: £13.99

- Revision to F6F-3 version (#7076) released in 2010 (See Issue 80)
- 61 tan-coloured and seven clear plastic plus 72 photo-etched components
- Four decal options: BuNo.70143, flown by Cdr D. McCampbell, USS Essex, October 1944; 'White 7', 'Paper Doll', flown by Lt C.A. Brown Jr, VF-27, USS Princeton, October 1944; BuNo.72534, 'White IIS', 'Death and Destruction', flown by Ens. B. Kingston Jr and L. Ward, VF-83, USS Essex, May 1945; 'White 71', flown by Lt L. McCuddin, VF-20, USS Enterprise, October 1944

Verdict: Eduard's new Hellcat is superb, as Jamie's build of it in Issue 80 proved. The -5 option here should be no different and it is thus recommended to all USN modellers. Our thanks to Eduard M.A. for the review sample.

REFERENCE

■ F6F Hellcat, Walk Around No.9 by Richard S. Dann (Squadron/Signal Publications 1997 ISBN: 0-89747-079-6)



MiG-29AS 'Slovak Air Force'

Scale 1:48 / Academy, Korea / Materials: **IM** / Kit No.: 12227 / Availability: Pocketbond Ltd (UK Importer) and Academy stockists worldwide / Price Guide: £22.99

- Reissue of kit first released in 1993 with new decals as a limited edition
- 150 grey-coloured and 6 clear plastic components
- One decal option: 'Black 0921' of the Slovak AF in May 2008 displaying what is known as the 'mosiac' scheme, but more like bit-mapping! The decal sheet also includes 'Grey 0619', but no details of this machine are on the instructions.

Verdict: Looking at the kit it does not look as if any retooling has been undertaken, which is a shame as the kit needs it in certain areas. Keeping that in mind the new scheme is very striking though, so it can still be recommended but with some reservations. Our thanks to Pocketbond Ltd for the review sample.

REFERENCE

■ MiG-29 - All Variants (4+ Publications 1995 ISBN: 80-900-708-7-6)



Yakovlev Yak-3

Scale 1:72 / Zvezda, Russia / Materials: **IM** / Kit No.: 7301 / Availability: The Hobby Co., Ltd (UK Importer) and Zvezda stockists worldwide / Price Guide: £7.50

- New tooling, snap-together assembly
- 44 light grey-coloured and two clear plastic components
- Two decal options: 'White 15', flown by Lt Semen Rogovoy, 1944; 'White 6', flown by Capt. Marcel Albert, Normandie-Neimen, 1944

Verdict: Although the overall quality and detail of this kit is very good, the snap-together nature does compromise it in many ways. Considering the high retail price and snap-together nature it may struggle to find a market, which is a shame. Our thanks to The Hobby Company Ltd for the review sample.

REFERENCE

■ Yak-1/Yak-3 by R. Bock, Aircraft Monograph No.13 (AJ Press 1998 ISBN: 83-86208-99-6)



MiG-21SM/SMT 'Weekend Edition'

Scale 1:48 / Eduard, Czech Republic / Materials: **IM** / Kit No.: 84129 / Availability: Creative Models, Hannants & LSA Models (UK Distributors) and Eduard stockists worldwide / Price Guide: £22.60

- Reissued in this simplified series of kit first released in 2010
- 224 dark grey-coloured and 13 clear plastic components
- One decal option: 'Blue 15', currently at Dolgoye Ledovo, Russia. The decal sheet includes full stencils as well as decals for the sidewalls, side consoles and instrument panel in the cockpit.

Verdict: What a great package, as you still get all the other parts on the sprues and those decals for the cockpit replace the pre-painted photo-etched, which not everyone like anyway, so this is certainly one we highly recommend to all. Our thanks to Eduard M.A. for the review sample.

REFERENCE

■ MiG-21 Fishbed Parts 1 & 2 by H-H Stapfer, Walk Around No.37 & 39 (Squadron/Signal Publications 2005)



SAMPLES FOR REVIEW

Please send all items for review to the following address:

Model Airplane International, Doolittle Mill, Doolittle Lane, Totternhoe, Bedfordshire, LU6 1QX, United Kingdom.
Companies in the European Union should also add our VAT number, which is GB 789 7020 84

Spitfire Mk Vb/Trop

Scale 1:32 / HobbyBoss, China / Materials: IM, PE, RB / Kit No.: 83206 / Availability: Creative Models Ltd (UK Importer) and HobbyBoss stockists worldwide / Price Guide: £39.99

- Revision of standard Mk Vb version released in 2011 (See Issue 77)
- 216 light grey-coloured and 24 clear plastic plus two rubber and nine photo-etched components
- Two decal options: AB502, IR+G, flown by W/Cdr I.R. Gleed, 244 Wing, early 1943; BR195, AN+T, No.247 Sqn, Sicily, early 1943



Verdict: The kit includes the Abourkir and Vokes desert filter units and slipper tank and although the fabric effect is still on the tailplanes, John showed you how to deal with this in the build of the standard Mk Vb in Issue 77. The kit builds well, has excellent detail and is very good value for money so it is highly recommended to all and our thanks to Creative Models Ltd for the review sample.

REFERENCE

- Vickers-Supermarine Spitfire Mk I-V, Aero Detail 8 (Dai Nippon Kaiga Co., Ltd 1993 ISBN: 4-499022617-1)

Airspeed Oxford Mk I/II 'Commonwealth Service'

Scale 1:48 / Special Hobby, Czech Republic / Materials: IM, R, PE / Kit No.: SH48104 / Availability: Hannants (UK Importer) and Special Hobby stockists worldwide / Price Guide: £34.99

- New tooling
- 95 medium grey-coloured and seventeen clear plastic plus 27 resin and 53 photo-etched components
- Four decal options: NZ1376, Air HQ Calibration Flight, Ronhota AB, NZ, 1943; NZ1222, '102', NZ, April 1940; LW926, '926', No.1 SFTS, RAAF, Point Cook, Victoria, Australia; '1510', RCAF Central Flying School, Trenton, Canada, 1942



Verdict: At last a 1:48 kit of the Oxford in injected plastic, Special Hobby are certainly making a name for themselves with such inspired subject choices. This is highly recommended to all experienced modellers and our thanks to MPM Ltd for the review sample.

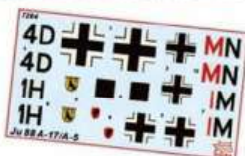
REFERENCE

- Airspeed Oxford, Profile No.227 (Profile Publications)

Junkers Ju 88A-5/A-17

Scale 1:72 / Zvezda, Russia / Materials: IM / Kit No.: 7284 / Availability: The Hobby Co., Ltd (UK Importer) and Zvezda stockists worldwide / Price Guide: £16.99

- Revised tooling based on the A-4 version released in 2010
- 145 light grey-coloured and 17 clear plastic components
- Two decal options: 4D+MN, KG 30, Finland, 1941-42; 1H+IM, KG 26, Mediterranean region, 1944



Verdict: The original G and A-versions were not without faults/problems, but with care and a bit of cross-kitting this should build into a good replica in the scale. Our thanks to Zvezda for the review sample.

REFERENCE

- Junkers Ju 88, Aero Detail No.20 (Dai Nippon Kaiga Co 1998 ISBN: 4-499-22679-1)

MiG-29UB 'Limited Edition'

Scale 1:48 / Eduard, Czech Republic / Materials: IM, R, PE / Kit No.: 1162 / Availability: Creative Models, Hannants & LSA Models (UK Distributors) and Eduard stockists worldwide / Price Guide: £47.99

- Reissue of the Academy kit from 1993 with additional resin and photo-etched parts plus new decals as a limited edition
- 122 light grey-coloured and four clear plastic, plus 32 grey and four clear red resin and 175 photo-etched components
- Five decal options: 'Red 15', 1st Tactical Air Force Sqn, Minsk Mazowiecki Air Base, Poland, 2009; 'Red 71', 31st GvIAP, Zernograd AB, Russia, 2006; 'Black 4402', 11th Fighter Regiment, Zatec AB, Czechoslovakia, July 1989 to October 1993; 'Black 4401', 1st Fighter Sqn, Siliac AB, Slovakia, from 1993; 'Blue 20', Azerbaijan Air Force, Zeynalabdin Tagiyev AB, 2007-2011. The decal sheet includes full stencils and the large motif on the back of the first option is on a separate sheet that is not shown here



Verdict: Wow, what a package, the inclusion of the Brassin cockpit along with all the photo-etched go to add a lot to the basic Academy tooling. There is, of course, still more that can be added, as the Brassin range offers other accessories, but there inclusion would have pushed the price of this kit far too high we suspect. A 'must' have for all modern Russian aviation fans and our thanks to Eduard M.A. for the review sample.

REFERENCE

- MiG-29 by M. Miecko & A. Osinski, Topshots No.6 (Kagero 2005, ISBN: 83-89088-73-8)

Fokker F.VIIb/3m [Japan & Italy]

Scale 1:72 / Valom, Czech Republic / Materials: IM, PE / Kit No.: 72071 / Availability: Hannants (UK Importer) and Valom stockists worldwide / Price Guide: £35.50

- Status: Reissue, with new decals, of kit first released in 2010
- Parts: 90 beige-coloured and eight clear plastic plus 58 photo-etched brass components
- Decal Options: 2 (J-BBZO, Nippon Koku Kabushiki Kaisha, Japan, 1930; I-ADUA, Ala Littoria s.a. Roma, 1935)



Verdict: It is good to see Valom offering a good selection of schemes with this famous type. The nature of the kit make it more suited to those with experience of this type of mixed-medium kit. Our thanks to Valom for the review sample.

REFERENCE

- None

Mil Mi-2T Hoptite

Scale 1:72 / HobbyBoss, China / Materials: IM / Kit No.: 87241 / Availability: Creative Models Ltd (UK Importer) and HobbyBoss stockists worldwide / Price Guide: £11.99

- New tooling
- 72 light grey-coloured and 7 clear plastic components.
- Two decal options: neither are identified in any way. The first is a Polish AF machine marked 'White 3802', while the other is a Soviet example coded 'Yellow 38'.



Verdict: What can you say about HobbyBoss's expanding helicopter kit collection other than they are superb. We recommend this new one without reservation to any modeller interested in Russian aviation or helicopters. Our thanks to Creative Models Ltd for the review sample.

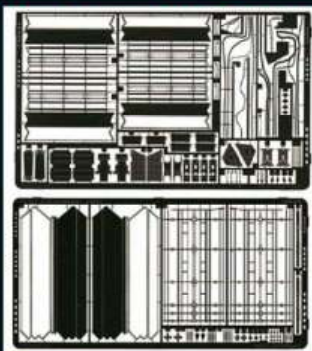
REFERENCE

- Aviatysija i Vremya N6 2004 (Avia Press)

new releases - accessories

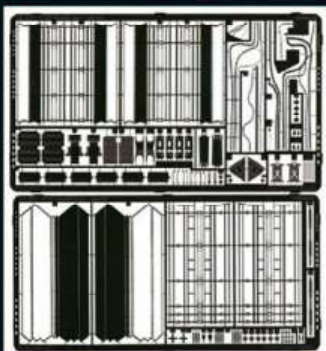
New products from Eduard

Photo-Etched 1:72 & 1:48 Series



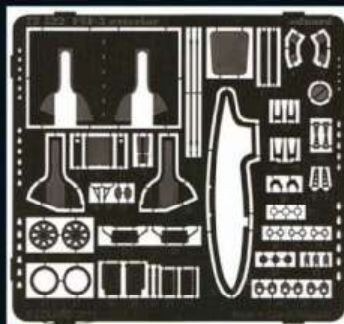
72 517

F-22 Bomb Bay / Fujimi / **Price Guide: £18.70**



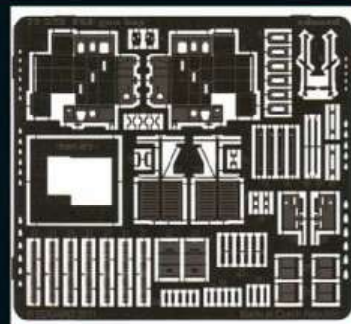
72 521

F-22 Bomb Bay / Academy / **Price Guide: £18.70**



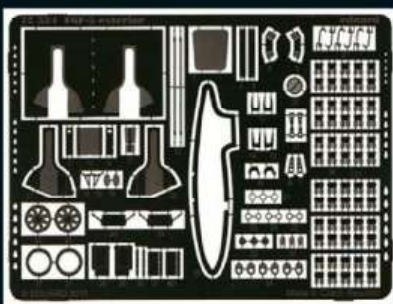
72-522

F6F-3 Exterior / Eduard / **Price Guide: £9.60**



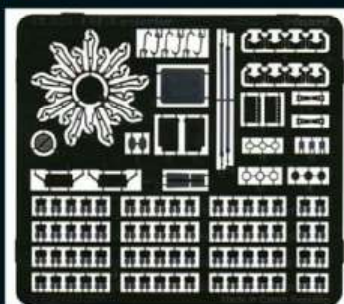
72-523

F6F Gun Bay / Fujimi / **Price Guide: £11.30**



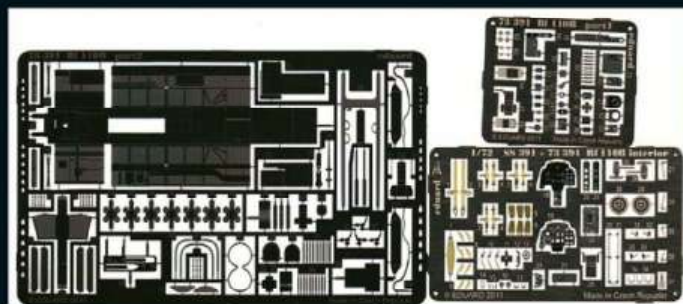
72-524

F6F-5 Exterior / Eduard / **Price Guide: £11.30**



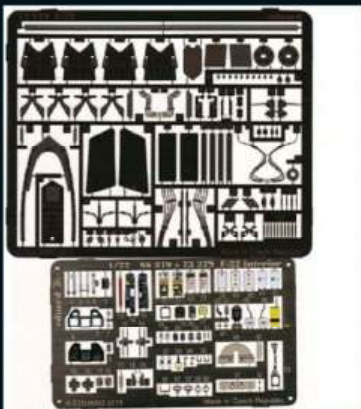
72-525

F6F Exterior / Cyber-Hobby/Dragon / **Price Guide: £13.99**



73-391

Bf 110 Detail Set [Pre-painted/SA] / Airfix / **Price Guide: £16.99**



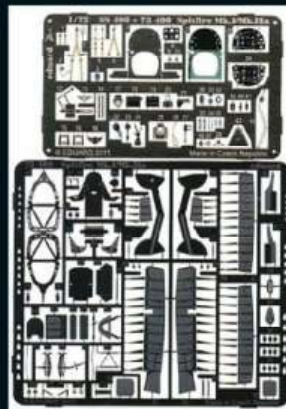
73-379

F-22 Detail Set [Pre-painted/SA] / Fujimi / **Price Guide: £14.15**



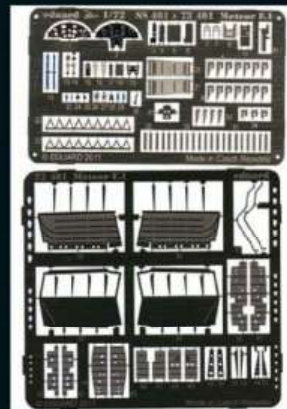
73-396

F-22 Detail Set [Pre-painted/SA] / Academy / **Price Guide: £15.25**



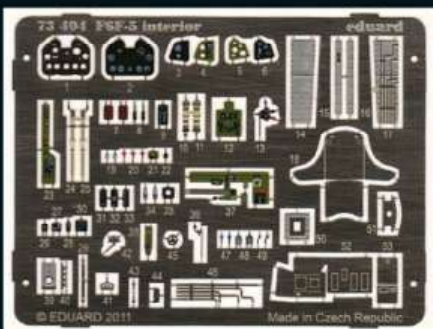
73-400

Spitfire Mk I/IIa Detail Set [Pre-painted/SA] / Airfix / **Price Guide: £13.99**



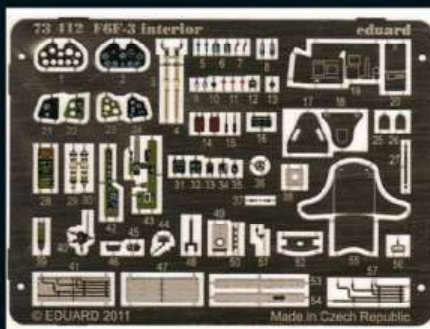
73-401

Meteor F.I Detail Set [Pre-painted/SA] / Cyber-Hobby/Dragon / **Price Guide: £15.25**



73-404

Bell 212/UH-1N Detail Set [Pre-painted/SA] / Revell / **Price Guide: £13.99**



73-412

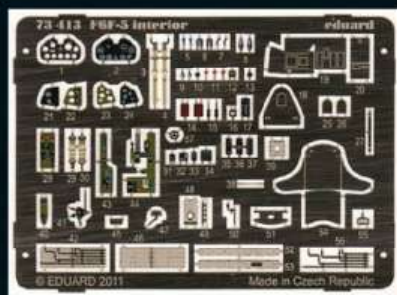
F6F-3 Interior [Pre-painted/SA] / Eduard / **Price Guide: £TBA**

SAMPLES FOR REVIEW

Please send all items for review to the following address:

Model Airplane International, Doolittle Mill, Doolittle Lane, Totternhoe, Bedfordshire, LU6 1QX, United Kingdom.

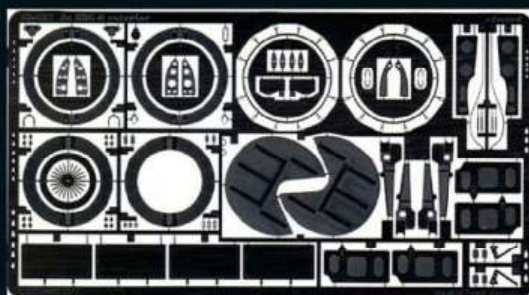
Companies in the European Union should also add our VAT number, which is GB 789 7020 84



73-413

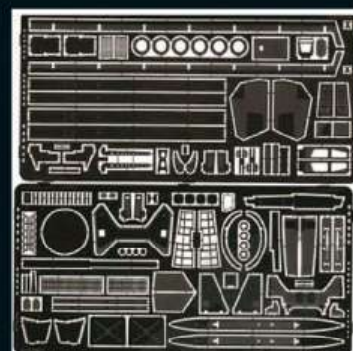
F6F-5 Interior [Pre-painted/SA] /

Eduard / **Price Guide: £TBA**



48-682

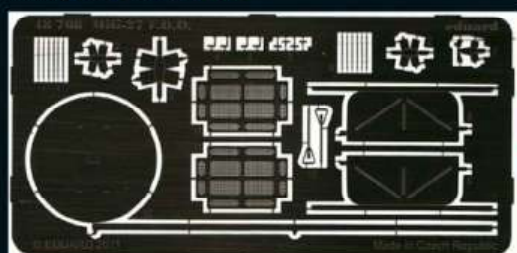
Ju 88G-6 Exterior / Dragon / Price Guide: £13.99



48-706

F-14A Exterior / HobbyBoss /

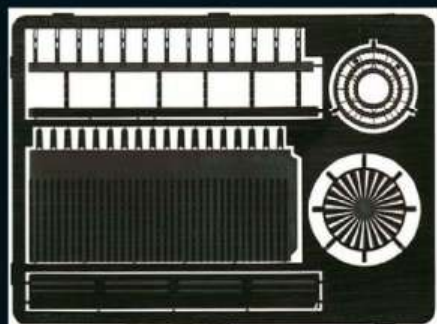
Price Guide: £19.80



48-708

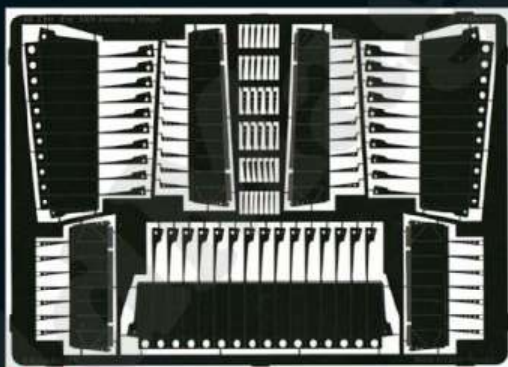
MiG-27 FOD Guards / Italeri /

Price Guide: £8.50



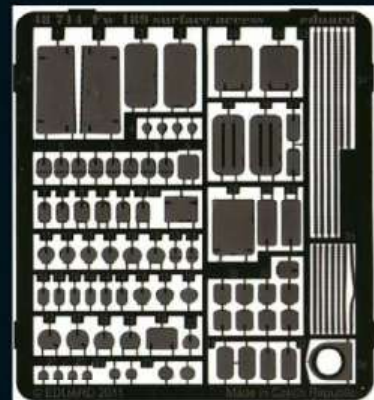
48-709

MiG-27 Exhaust / Italeri / Price Guide: £11.30



48-710

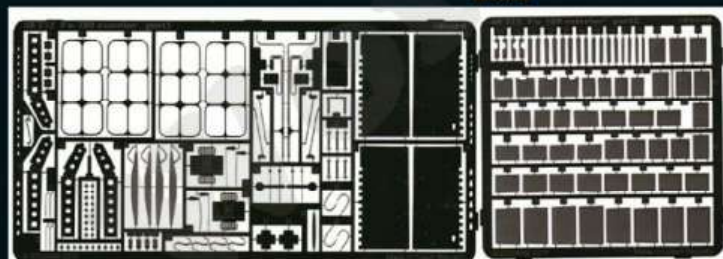
Fw 189 Landing Flaps / Greta Wall Hobby / Price Guide: £16.99



48-714

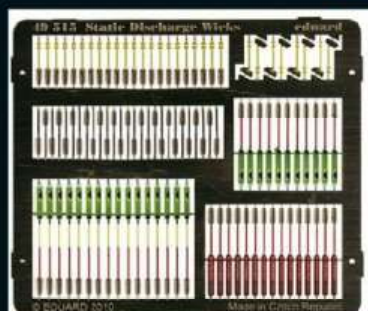
Fw 189 Surface Access [SA] / Great

Wall Hobby / Price Guide: £11.30



48-712

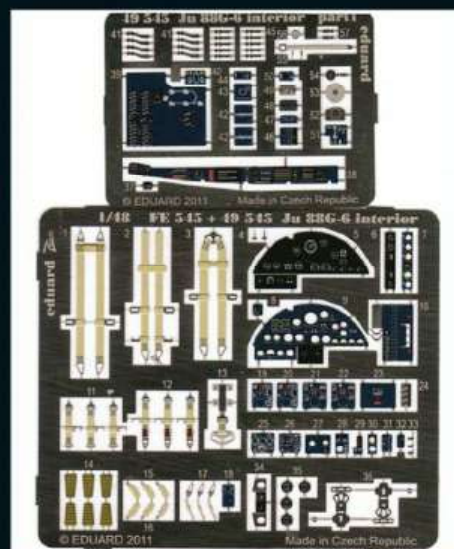
Fw 189 Exterior / Great Wall Hobby / Price Guide: £16.99



49-515

Static Discharge Wicks [Pre-painted]

/ Various / Price Guide: £8.50



49-545

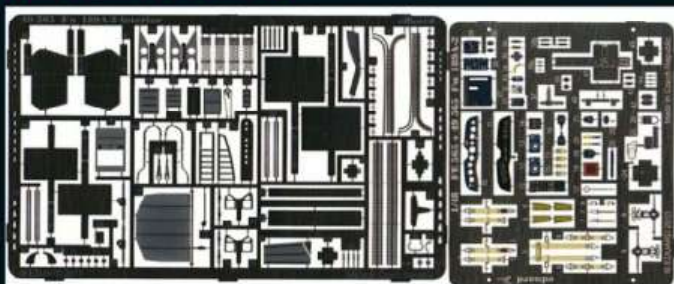
Ju 88G-6 Interior [Pre-painted/SA]

/ Dragon / Price Guide: £19.80

new releases - accessories

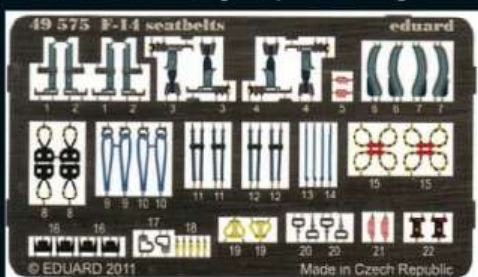
More etched detail sets from Eduard

Photo-Etched 1:48 Series



49-565

Fw 189A-2 Interior [Pre-painted/SA] / GWH / **Price Guide: £18.70**



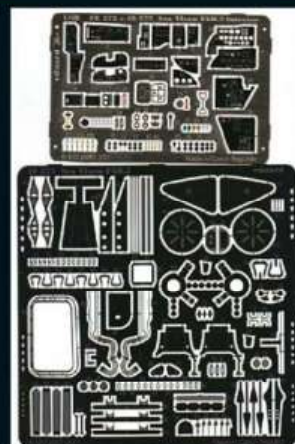
49-575

F-14 Seat Belts
[Pre-painted/
SA] / HobbyBoss /
Price Guide: £11.30



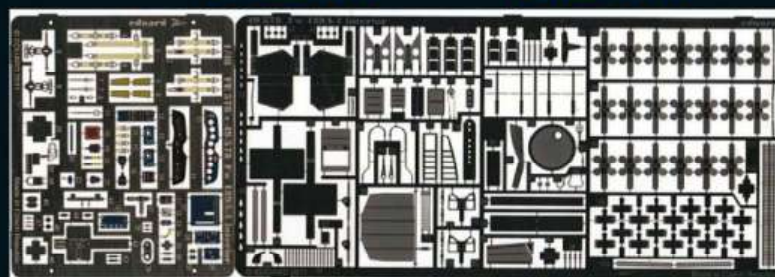
49-568

Bf 110D Nachtjäger [Pre-
painted] / Cyber-Hobby/Dragon /
Price Guide: £19.80



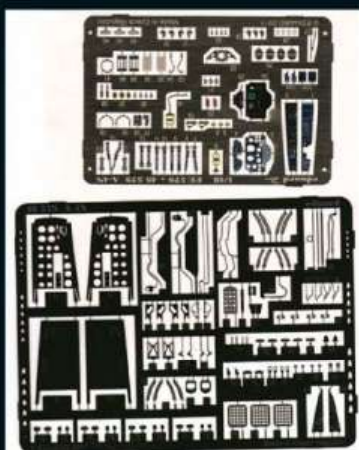
49-573

Sea Vixen F(AW).2 Detail
Set [Pre-painted/SA] / Airfix /
Price Guide: £16.99



49-578

Fw 189A-1
Interior
[Pre-
painted/
SA] / Great
Wall Hobby /
**Price Guide:
£18.70**



49-579

A-4N Detail Set [Pre-painted/
SA] / Hasegawa / **Price Guide: £13.99**



49-589

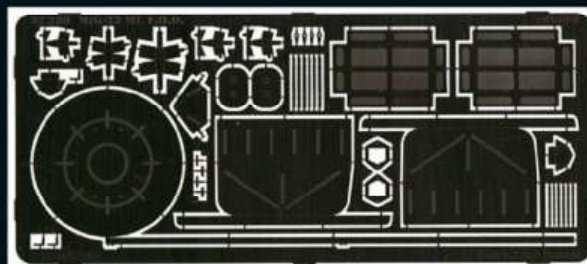
Sea Vixen F(AW).2
Seat Belts [Pre-
painted] / Airfix / **Price
Guide: £11.30**

Photo-Etched 1:32 Series



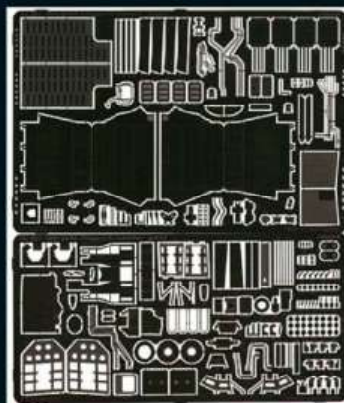
32-278

Su-25 Frogfoot Exterior / Trumpeter /
Price Guide: £18.70



32-280

MiG-23ML FOD Guards / Trumpeter / **Price Guide: £11.30**



32-281

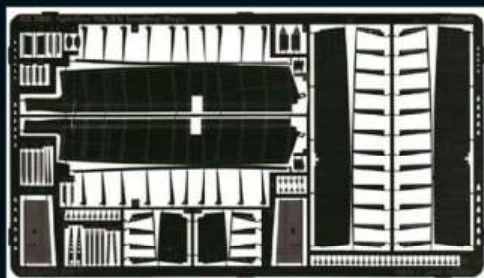
MiG-23ML Exterior / Trumpeter /
Price Guide: £18.70

SAMPLES FOR REVIEW

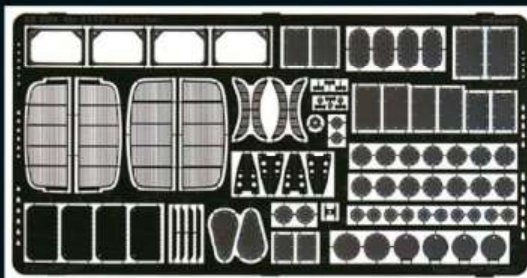
Please send all items for review to the following address:

Model Airplane International, Doolittle Mill, Doolittle Lane, Totternhoe, Bedfordshire, LU6 1QX, United Kingdom.

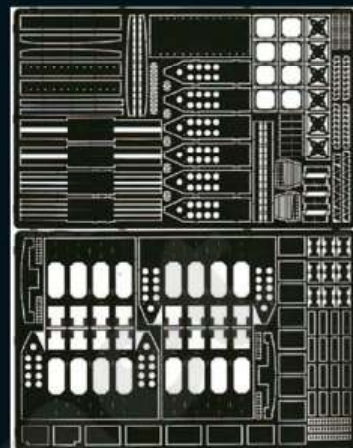
Companies in the European Union should also add our VAT number, which is GB 789 7020 84

**32-283**

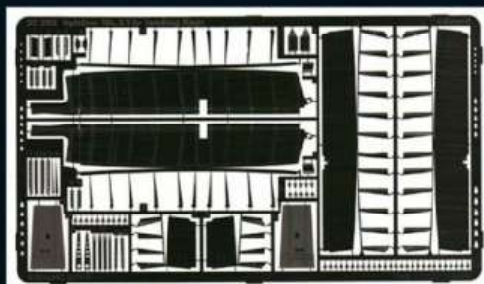
Spitfire Mk Vb Landing Flaps / HobbyBoss / **Price Guide: £115.25**

**32-289**

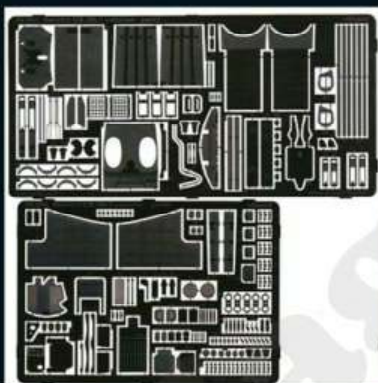
He III P-I Exterior / Revell / **Price Guide: £12.99**

**32-293**

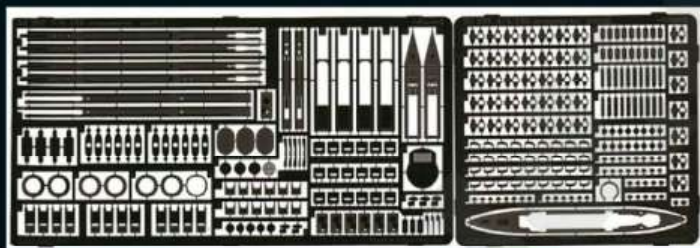
He III P-I Bomb Bay / Revell / **Price Guide: £31.15**

**32-292**

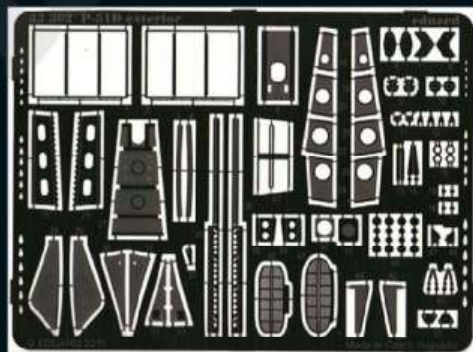
Spitfire Mk XVIe Landing Flaps / Tamiya / **Price Guide: £15.30**

**32-295**

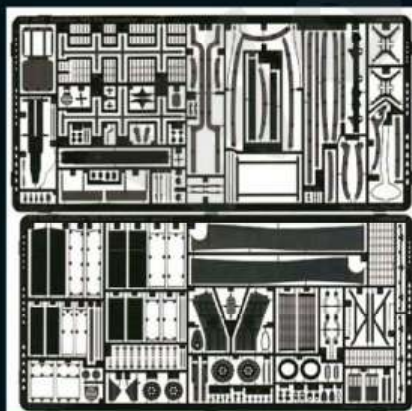
Harrier GR Mk 7 Exterior / Trumpeter / **Price Guide: £16.99**

**32-297**

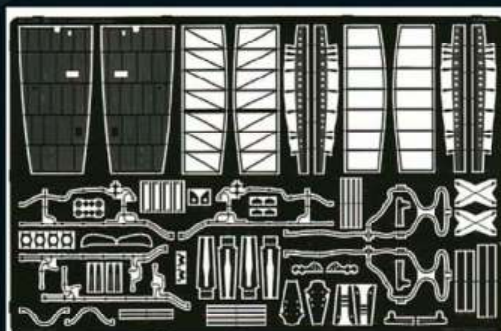
F/A-18E Armament / Trumpeter / **Price Guide: £14.15**

**32-307**

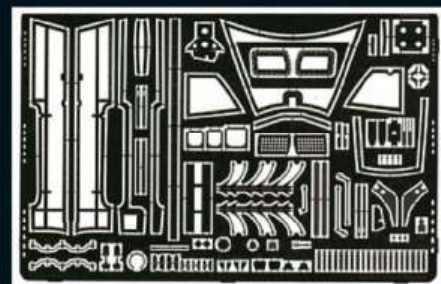
P-51D Exterior / Tamiya / **Price Guide: £12.99**

**32-303**

Spitfire Mk Vb Exterior / HobbyBoss / **Price Guide: £19.80**

**32-306**

He III Undercarriage / Revell / **Price Guide: £19.80**

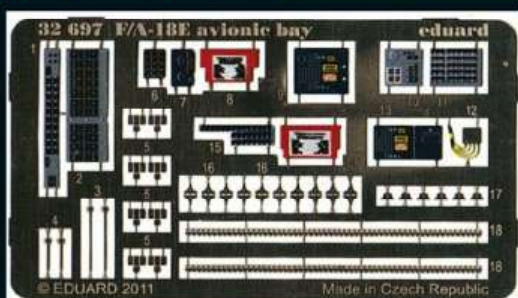
**32-307**

P-51D Engine / Tamiya / **Price Guide: £18.70**

new releases - accessories

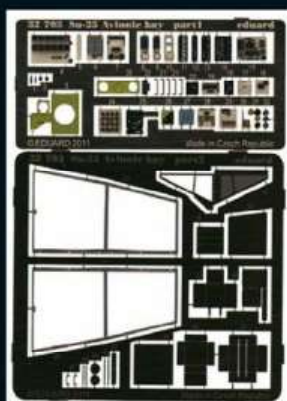
More etched from Eduard

Photo-Etched 1:32 Series



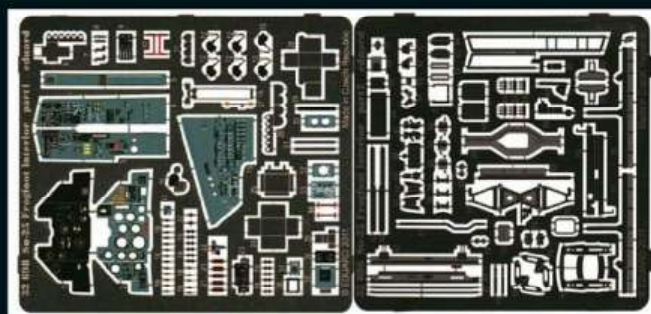
32-697

F/A-18E Avionics Bay / Trumpeter / **Price Guide: £11.30**



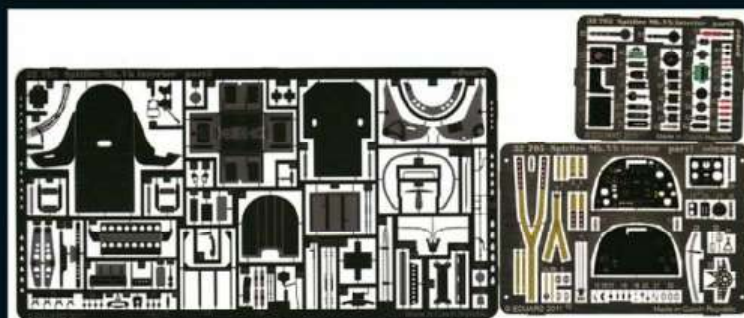
32-703

Su-25 Avionics
[Pre-painted]
/ Trumpeter / **Price
Guide: £12.99**



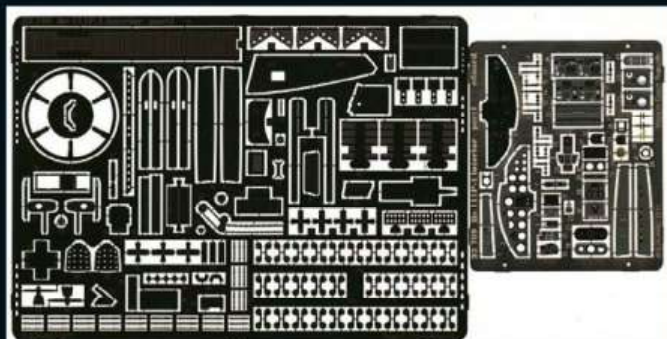
32-698

Su-25
Interior
[Pre-painted/
SA] /
Trumpeter /
**Price Guide:
£18.70**



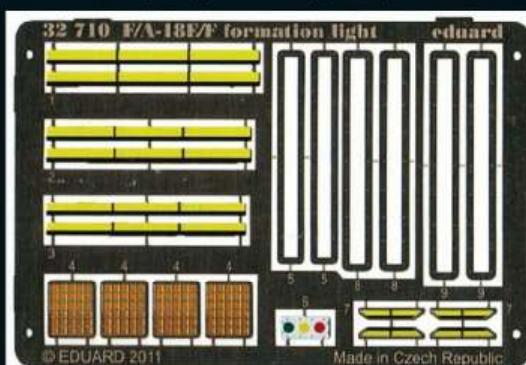
32-705

Spitfire Mk Vb Interior [Pre-painted/SA] / HobbyBoss / **Price Guide: £19.80**



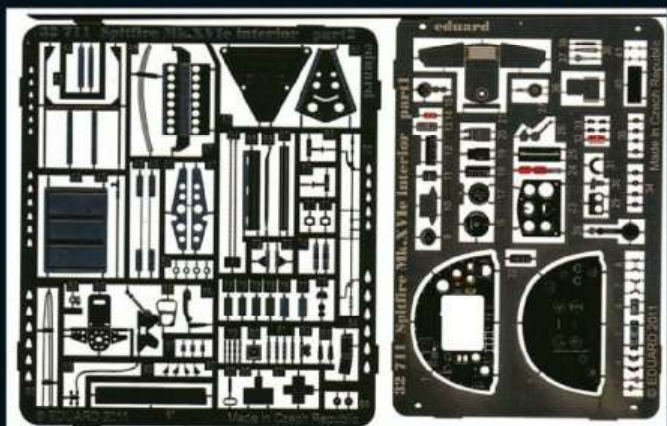
32-709

He IIIP-1 Interior [Pre-painted/SA] / Revell / **Price Guide: £19.80**



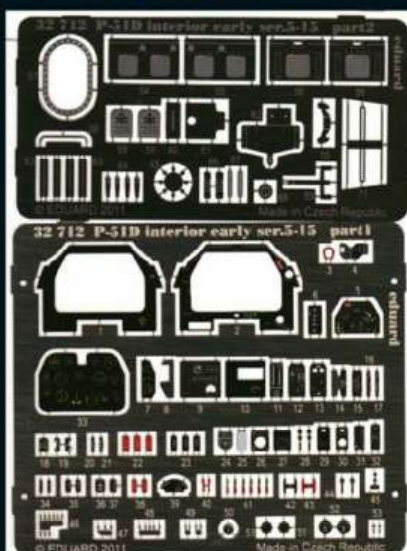
32-710

F/A-18E/F Formation Lights [Pre-painted] /
Trumpeter / **Price Guide: £12.99**



32-711

Spitfire MK XVIe Interior [Pre-painted/SA] / Tamiya / **Price Guide: £16.99**



32-712

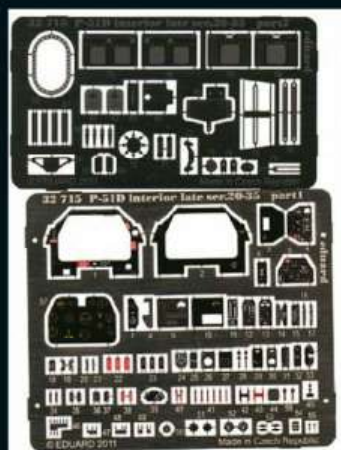
P-51D Interior Early
[Pre-painted/SA] / Tamiya /
Price Guide: £16.99

SAMPLES FOR REVIEW

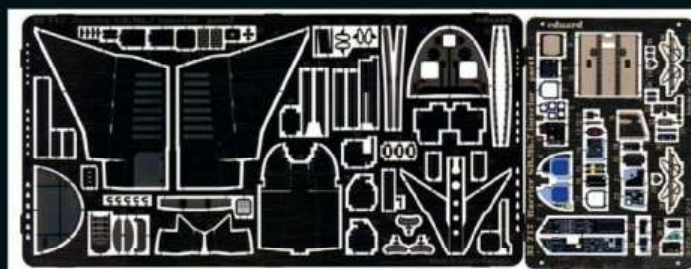
Please send all items for review to the following address:

Model Airplane International, Doolittle Mill, Doolittle Lane, Totternhoe, Bedfordshire, LU6 1QX, United Kingdom.

Companies in the European Union should also add our VAT number, which is GB 789 7020 84



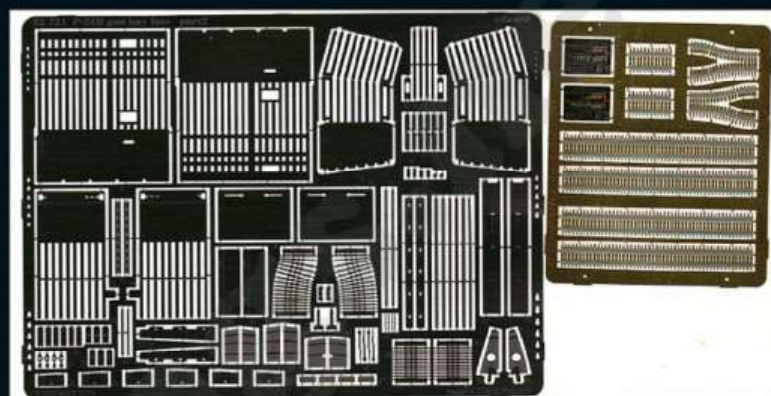
32-715
P-51D
Interior
Late [Pre-
painted/SA]
/ Tamiya / **Price**
Guide: £16.99



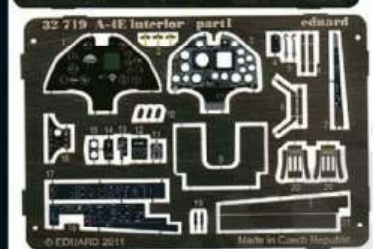
32-717
Harrier
GR Mk 7
Interior
[Pre-
painted/
SA] /
Trumpeter /
Price Guide:
£20.99



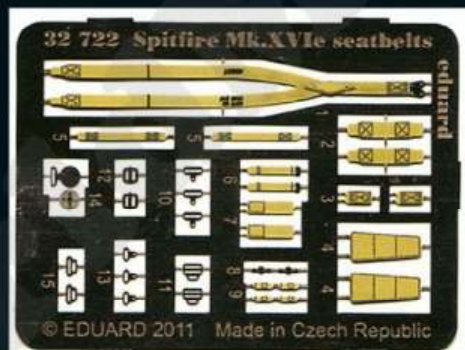
32-716
Harrier GR
Mk 7 Seat
Belts [Pre-
painted]
/ Trumpeter /
Price Guide:
£8.50



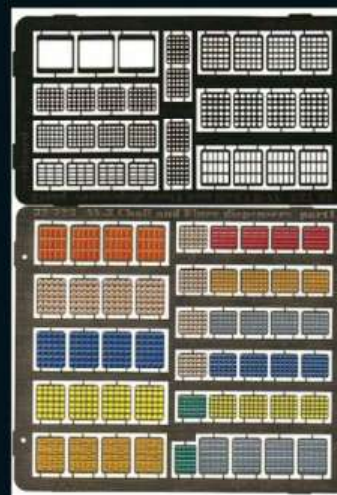
32-721
P-51D Gun Bays Late [Pre-painted] / Tamiya / **Price Guide: £18.70**



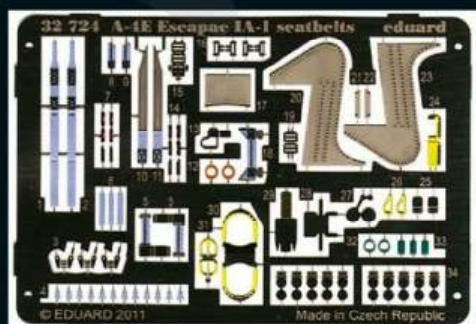
32-719
A-4E Interior [Pre-painted/SA] /
Trumpeter / **Price Guide: £18.70**



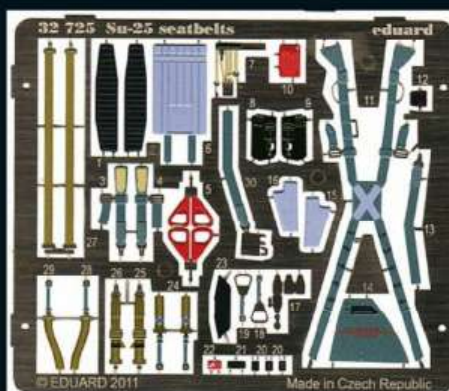
32-722
Spitfire Mk XVIe Seat Belts [Pre-painted]
/ Tamiya / **Price Guide: £9.60**



32-723
AV-8 Chaff
& Flare
Dispensers
[Pre-
painted]
/ Trumpeter /
Price Guide:
£15.25



32-724
A-4E Escapac IA-1 Seat Belts [Pre-
painted] / Trumpeter / **Price Guide: £12.99**



32-725
Su-25 Seat
Belts [Pre-
painted]
/ Trumpeter /
Price Guide:
£13.99

new releases - accessories

More from Eduard in their Brassin range plus the latest from Pavla Models

Brassin 1:48 Series



648 037

MiG-29 Wheels [R/PE] / Academy/Eduard /
Price Guide: £5.65



648 038

MiG-21SMT Interior [R/PE] / Eduard /
Price Guide: £19.80



648 039

F-16 Air Brakes [R/PE] / Tamiya /
Price Guide: £4.50



648 040

RS-2US/AA-1 Alkaline missiles (x4) [R/PE] / MiG-17/19/21PF/PMF/MF/Su-9
Price Guide: £8.50



648 042

MiG-29 Seat 'Early' [R/PE] / Academy/Eduard /
Price Guide: £11.30

***Verdict:** Phew, a massive number of superb new products, all of which we highly recommended to all experienced modellers. Our thanks to Eduard M.A. for the review samples.*

Available from: www.eduard.com

SAMPLES FOR REVIEW

Please send all items for review to the following address:

Model Airplane International, Doolittle Mill, Doolittle Lane, Totternhoe, Bedfordshire, LU6 1QX, United Kingdom.

Companies in the European Union should also add our VAT number, which is GB 789 7020 84

Pavla Models, Czech Republic [www.pavlamodels.cz] / Available from Hannants (UK) and Squadron (USA)

**1:72 C72104****Gloster Meteor F.I Cockpit Set**

Inc: Replacement cockpit tub, seat w/o harness, instrument panel, control column, rudder pedals and sidewalls in resin plus a replacement vacformed canopy

Designed for: Cyber Hobby/Dragon kit

Material: R, VF

Price Guide: £12.50

**1:72 V72-87****Spitfire Mk I 'Early' Canopy**

Inc: Replacement vacformed canopy depicting the initial style 'flat-sided' sliding section. The unit is offered in separate sections, so you can pose the canopy open on the model.

Designed for: Airfix kit

Material: VF

Price Guide: £1.75

**1:72 V72-88****Gloster Meteor F.I Canopies**

Inc: Replacement vacformed canopies with and without the rearview mirror blister and with additional sections to allow you to cut and pose either style canopy open

Designed for: Cyber Hobby/Dragon kit

Material: VF

Price Guide: £2.99

**1:48 C48022****Dassault Mirage F.I Cockpit Set**

Inc: Replacement cockpit tub, seat with harness, instrument panel/upper coaming, control column, rudder pedals and sidewalls all in resin.

Designed for: Esca/Italeri kits

Material: R

Price Guide: £13.20

**1:48 S48036****MB Mk 4-FIRM4**

Inc: Replacement seat with moulded seat harness suitable for the Mirage F.I.C.

Designed for: Esca/Italeri kits

Material: R

Price Guide: £2.25

**1:48 U48-40****Dassault Mirage F.I Intakes**

Inc: Replacement intakes with built-in shock cones and separate intake blisters.

Designed for: Esca/Italeri kits

Material: R

Price Guide: £5.40

Verdict: These are all excellent sets moulded in Pavla's newer dark-coloured resin, which gives finer detail. All are recommended and most are straightforward enough even for the complete 'resin novice'. Our thanks to Pavla for supplying the review samples.

Available from: www.pavlamodels.cz

new releases - accessories

New products from Master Model, HGW and Aires

Master Model, Poland [www.master-model.pl] / Available in UK from: Hannants



1:32 AM-32-037

F-104 Starfighter Pitot Tube

Designed for: Hasegawa kits

Material: AL / Price Guide: £4.20



1:32 AM-32-038

F-105 Thunderchief Pitot Tube

Designed for: Trumpeter kits

Material: BR / Price Guide: £4.20



1:32 AM-32-039

German Radar FuG 220 Lichtenstein SN-2

Designed for: Various kits

Material: BR, PE / Price Guide: £11.60



1:32 AM-32-040

German Radar FuG 218 Radar

Designed for: Various kit

Material: BR / Price Guide: £11.60



1:35 AM-35-001

MI97 (20mm) Rotary Cannon Barrels

Designed for: Academy/MRC/Italeri AM-1 kit

Material: BR / Price Guide: £7.80

Verdict: It is good to see Master expanding their range with pitot tubes, as they are ideal for turned brass/aluminium. All these plus the barrels and radar anteaenna are superb, produced to the very highest quality and are therefore highly recommended to all. Our thanks to Master Model for the review samples.

Available from: www.master-model.pl

HGW, Czech Republic [www.hgw.webgarden.cz] / Available in UK from: Hannants



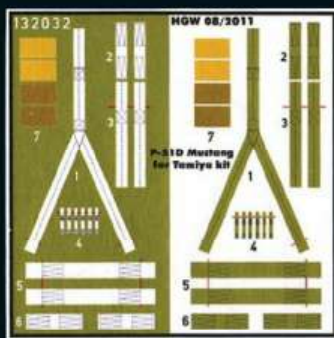
1:48 548008

Dark Wood Base White

Inc: This printed paper sheet offers a dark wood effect that has been printed on a white base so it is not translucent and will thus not change colour when applied over any colour

Designed for: Various kits

Material: Paper / Price Guide: £9.40



1:32 132032

P-51 Mustang

Inc: This is one of HGW's superb seat belt set, combining the printed paper belts with etched buckles etc (2x sets) and a set of printed paper wood effect panels for the floor.

Designed for: Tamiya Kit

Material: Paper, PE /

Price Guide: £7.80



Verdict: The HGW range is growing and it is impressive because they are so different from what has been offered elsewhere in the past. The quality of their printed elements is of the highest standard and it is amazing how thin they have got the paper for the seat belts. They are certainly highly recommended to all and our thanks to HGW for the review samples.

Available from: www.hgw.webgarden.cz

SAMPLES FOR REVIEW

Please send all items for review to the following address:

Model Airplane International, Doolittle Mill, Doolittle Lane, Totternhoe, Bedfordshire, LU6 1QX, United Kingdom.

Companies in the European Union should also add our VAT number, which is GB 789 7020 84

Aires, Czech Republic [www.aires.cz] / Available in UK from: Hannants



1:72 7255

F-16I Suva Exhaust Nozzle

Designed for: Hasegawa kit

Material: R, PE / Price Guide: £6.30

1:72 7265

F-22 Raptor Exhaust Nozzles

Designed for: Academy kit

Material: R, PE / Price Guide: £10.25



1:72 7266

EA-6B ICAP-2 (Early) Cockpit Set

Inc: Cockpit tub, ejection seats (x4), instrument panel and coaming, cockpit sills, canopy framework and control columns in resin with canopy framework, rudder pedals, instrument panel facia and seat belts in etched brass.

Designed for: Hasegawa kit

Material: R, PE / Price Guide: £17.99



1:48 4522

F-16C Block 50/52 Cockpit Set

Inc: Cockpit tub, ejection seat, instrument panel and coaming, cockpit sidewalls and control column in resin with rudder pedals, instrument panel facia, seat belts and firing handles in etched brass.

Designed for: Kinetic kit

Material: R, PE / Price Guide: £10.25



1:48 4520

F-16B Cockpit Set

Inc: Cockpit tub, ejection seats (x2), instrument panel and coaming, cockpit sidewalls and control columns in resin with rudder pedals, instrument panel facia, seat belts and firing handles in etched brass.

Designed for: Kinetic kit

Material: R, PE / Price Guide: £17.99



1:48 4533

Yak-38 Variable Exhaust Nozzles

Designed for: HobbyBoss kit

Material: R / Price Guide: £7.60



1:32 2146

MiG-23 Exhaust Nozzles (Closed Position)

Designed for: Trumpeter kit

Material: R, PE / Price Guide: £25.99

new releases - accessories

More from Aires plus the latest from SBS Models and MDC

Aires, Czech Republic [www.aires.cz] / Available in UK from: Hannants



1:32 2158

MiG-3 Cockpit Set

Inc: Instrument panel, seat, cockpit floor and sidewalls all in resin plus the instrument panel facia, seat belts, rudder pedals and various control levers in photo-etched brass

Designed for: Trumpeter kit

Material: R, PE / Price Guide: £19.60



1:32 2159

A6M2b Zero Cockpit Set

Inc: Bulkhead, oxygen bottles, seat, sidewalls, cockpit floor and all the control linkage and levers in resin

Designed for: Tamiya kit

Material: R / Price Guide: £19.60



1:32 2160

A6M Zero Wheel Bay

Designed for: Tamiya kit

Material: R / Price Guide: £10.25



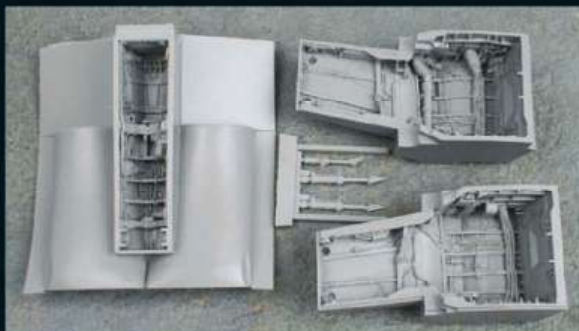
1:32 2161

Panavia Tornado Speed Brakes

Designed for: Revell kit

Material: R

Price Guide: £19.20



1:32 2162

EF-2000A Typhoon Wheel Bays

Designed for: Revell kit

Material: R / Price Guide: £23.70

Verdict: This is a superb collections from sets, the real gem being the MiG-23 exhaust, which has so much fine detail that it has to be seen to be believed - certainly one of the first bits of resin casting we have seen in a long time. All of the sets featured here will add a great deal to the intended kit so they are all highly recommended. Our thanks to Aires for the review samples.

Available from: www.aires.cz

SBS Model, Hungary [www.sbsmodel.com] / Available in UK from: Hannants



1:48 48027

NIK2-J Shidenkai Cockpit Set

Inc: Floor, bulkheads, seat, sidewalls, instrument panel, oxygen bottles, various levers and gunsight in resin, with the instrument panel facia, trim wheel, various small levers and seat belts in etched brass

Designed for: Hasegawa kit

Material: R, PE / Price

Guide: £13.99

Verdict: A superb set offering high quality casting. It is highly recommended to all and our thanks to SBS Model for the review sample.

Available from: www.sbsmodel.com

SAMPLES FOR REVIEW

Please send all items for review to the following address:

Model Airplane International, Doolittle Mill, Doolittle Lane, Totternhoe, Bedfordshire, LU6 1QX, United Kingdom.

Companies in the European Union should also add our VAT number, which is GB 789 7020 84

Model Design Construction, UK [www.modeldesignconstruction.co.uk] / Available worldwide from: **Manufacturer**

**1:48 CV011****Tempest Mk II conversion**

Inc: With the reissue of the Eduard Tempest Mk V this set from MDC allows you to convert it to the radial-powered Mk II and consists a new forward fuselage/nose, spinner and backplate and the oil and water cooler intakes for the wing leading edges.

Designed for: Eduard kit

Material: R / **Price Guide:** £18.15

**1:48 CV035****Watts Propeller**

Designed for: Any kit / **Material:** R / **Price Guide:** £TBA

**1:48 CV48012****Tempest Mk VI conversion**

Inc: Also available for the reissued Eduard Tempest Mk V is this set comprising the wing leading edge radiators, revised radiator chin intake, spinner backplate, two fuselage inserts and an optional air filter cover

Designed for: Eduard kit

Material: R / **Price Guide:** £13.75

**1:48 CV016****Sea Hurricane Mk IIc**

Inc: With the new Italeri Hurricane release MDC offer this set, which although intended for the Hasegawa kit will probably fit. It comprises the lower fuselage section with cut-out and hook plus the catapult spools

Designed for: Hasegawa kit

Material: R / **Price Guide:** £7.55

**1:32 TBA****Fuel/Oil Drums (Type a or b)**

Inc: The above photo shows both types, which are available in separate sets with two drums of each type per pack.

Designed for: N/A

Material: R / **Price Guide:** £2.95 (per pack of 2)

**1:32 CV****32059****Typhoon Bomb Racks (Early)**

Designed for: MDC or Revell kits

Material: R / **Price Guide:** £TBA

**1:32 CV****32060****Typhoon Bomb Racks (Late)**

Designed for: MDC or Revell kits

Material: R / **Price Guide:** £TBA

**1:32 CV 32058****Luftwaffe Oil & Fuel Drums 200lt**

Inc: Top caps for oil or fuel drums plus two end caps that are universal for either. This set is intended for use with the Fuel/Oil Drums Type a or b. Paint masks for the 'B4' or 'C3' markings are also included.

Designed for: N/A

Material: PE / **Price Guide:** £TBA

**1:32 CV 32061****MK 108 30mm Cannon (x2)**

Designed for: Various kits

Material: R, BR / **Price Guide:** £TBA

Verdict: What can we say other than, superb. All of the sets featured here are to the highest quality and are highly recommended to all. Our thanks to MDC for the review samples.

Available from: www.modeldesignconstruction.co.uk

new releases - decals

New sheets from AeagleCals, IsraDecals & Xtradecals

Xtradecals, UK [www.hannants.co.uk]

I:72 X72-132 HISTORY OF III SQN, 1918 TO 2011

- Nieuport Ni.24bis, B3592, Julis, Palestine, 1918 (S) • Gauntlet Mk II, K5265, RAF Northolt, 1936-7 (S)
- Hurricane Mk I, V6701, JU•F, RAF Dyce, February 1941 (DG/DE/S) • Spitfire Mk IXc, MH622, JU•F, Italy, early 1944 (DG/OG/MSG)
- Meteor F.8, WLI18, RAF North Weald, 1955 (DG/DSG/HSS) • Phantom FGR.2, XT874, RAF Leuchars, June 1978 (DG/DSG/LAG)
- Tornado F.3, ZH554, RAF Leuchars, August 2010 (MSG) • Tornado F.3, ZE791, RAF Leuchars, August 2010 (MSG/CG)
- Tornado F.3, ZER791, RAF Leuchars, 3rd April 2011 (MSG/CG)

Colour Key: S - Silver (dope), DG - Dark Green, DE - Dark Earth, S - Sky, OG - Ocean Grey, MSG - Medium Sea Grey, DSG - Dark Sea Grey, HSS - High Speed Silver, LAG - Light Aircraft Grey, CG - Camouflage Grey

Designed for: Various kits

Price Guide: £7.99



I:72 X72-133 HANDLEY-PAGE HALIFAX B Mk II/III

- B Mk III, MZ431, Z5•J, No.462 Sqn, Drifffield, Aug. 1944 (DG/DE/N)
- B Mk III, NA222, C8•O, No.640 Sqn, Leconfield, 1944 (DG/DE/N)
- B Mk III, NA233, NP•T, No.158 Sqn, Lisset, May 1944 (DG/DE/N)
- B Mk III, NP763, H7•N, No.346 Sqn, Elvington (DG/DE/N)
- B Mk III, PNI67, L8•C, No.347 Sqn, Elvington, July 1944 (DG/DE/N)
- B Mk II Series I, L9619, ZA•E, No.10 Sqn, Leeming, 1941 (DG/DE/N)
- B Mk II Series I, WIO48, TL•S, No.35 Sqn, Kinloss, April 1942 (DG/DE/N)

Colour Key: DG - Dark Green, DE - Dark Earth, N - Night (black)

Designed for: Airfix, Matchbox & Revell kits

Price Guide: £9.99

I:48 X48-091 SPITFIRE F Mk 22

- PK497, RAD•V, No.504 Sqn, RAuxAF, RAF Hucknall, May-Aug 1948 (DG/OG/MSG)
- PK613, LA•H, No.607 Sqn, RAuxAF, RAF Ouston, late 1949/early 1950 (DG/OG/MSG)
- PK406, Q3•A, No.613 Sqn, RAuxAF, RAF Ringway, June 1950 (DG/OG/MSG)
- VN317, W2•P, No.80 Sqn, RAF Lubeck, Germany, 1948 (DG/OG/MSG)

Colour Key: DG - Dark Green, OG - Ocean Grey,

MSG - Medium Sea Grey

Designed for: Various kits

Price Guide: £7.99



I:48 X48-093 SUPERMARINE SPITFIRE Mk VB

- W3380, RN•J, No.72 Sqn, RAF Acklington, 1941 (DG/DE/S)
- AA926, YO•E, No.401 Sqn, RAF Biggin Hill, October 1940 (DG/OG/MSG)
- BL351, BP•H, No.457 Sqn, RAF Juby, December 1941 (DG/OG/MSG)
- AB262, GN•B, No.249 Sqn, RAF Takali, Malta GC, March 1942 (DE/MS/AB)
- BMI24, LO•W, No.602 Sqn, RAF Kenley & Biggin Hill, March-September 1942 (DG/OG/MSG)
- EPI66, JU•N, No.111 Sqn, RAF Kenley, 24th August 1942 (DG/OG/MSG)
- AB502, IR•C, No.244 Wing, Goubrine South, Tunisia, April 1943 (DE/MS/AB)
- EP829, T•N, No.249 Sqn, Krendi, Malta GC, April 1943 (DE/EDSG/AB)
- W3834, YO•Q, No.410 Sqn, RAF Redhill, July 1943 (DG/OG/MSG)
- EPI20, AE•A, No.402 Sqn, RAF Merston, November 1943 (DG/OG/MSG)
- BL370, SH•J, No.64 Sqn, RAF Harrowbeer, 6th June 1944 (DG/OG/MSG)

Colour Key: DG - Dark Green, DE - Dark Earth, S - Sky, OG - Ocean Grey,

MSG - Medium Sea Grey, MS - Mid-stone, AB - Azure Blue,

EDSG - Extra Dark Sea Grey (may be RN vehicle Dark Blue?)

Designed for: Any Spitfire Mk Vb kit

Price Guide: £7.99



I:72 X72-134 FLEET AIR ARM 1939 TO 1941

- Swordfish Mk I, P4085, No.815 NAS, HMS Furious, early 1940 (EDSG/DSG/SK)
- Skua Mk II, L3015, No.800 NAS, HMS Ark Royal, Summer 1940 (EDSG/DSG/S)
- Gladiator Mk I, N2276, No.804 NAS, HMS Furious, September 1940 (EDSG/DSG/S/N)
- Fulmar Mk I, NI868, No.807 Sqn NAS, HMS Ark Royal, October 1940 (EDSG/DSG/S)
- Fulmar Mk I, N2015, No.805 NAS, HMS Eagle, February 1941 (EDSG/DSG/S/N)
- Swordfish Mk I, P4224, No.819 Sqn, HMS Illustrious, August 1940 (EDSG/DSG/SG)
- Walrus Mk I, W2771, No.710 NAS, HMS Albatross, early 1940 (EDSG/DSG/SG)
- Seafox Mk I, K8591, No.718 NAS, HMS Ajax, December 1939 (SD)
- Swordfish Mk I, K8867, No.812 Sqn, HMS Glorious, 1939 (EDSG/DSG/SK)

Colour Key: EDSG - Extra Dark Sea Grey, DSG - Dark Slate Grey,

SG - Sky Grey, S - Sky, N - Night, SD - Silver Dope

Designed for: Various kits

Price Guide: £7.99



I:48 X48-092 P-51D MUSTANG Mk IV IN RAF, RCAF & RAAF SERVICE

- KH655, QV•P, No.19 Sqn, RAF Peterhead, early 1945 (OD/SG/LG)
- KM680, •Y2, No.442 Sqn, RAF Hunsdon, May 1945 (OD/SG/LG)
- KH755, CV•W, No.3 Sqn RAAF, Cervia, Italy, circa May 1945 (OD/SG/LG)
- KH765, HG•R, No.154 Sqn, RAF Hunsdon, March 1945 (A)
- KMI38, AK•Y, No.213 Sqn, Biferno, Italy, May 1945 (A)
- KM232, •JAS, RAF Hunsdon, May 1945 (A)

Colour Key: OD - Olive Drab, SG - Sea Grey, LG - Light Grey,

A - Aluminium

Designed for: Any P-51D kit

Price Guide: £7.99



I:32 X32-041 SUPERMARINE SPITFIRE Mk V, EARLY CAMO

- W3380, RN•J, No.72 Sqn, RAF Acklington, 1941 (DG/DE/S)
- AA926, YO•E, No.401 Sqn, RAF Biggin Hill, October 1940 (DG/OG/MSG)
- BL351, BP•H, No.457 Sqn, RAF Juby, December 1941 (DG/OG/MSG)
- AB262, GN•B, No.249 Sqn, RAF Takali, Malta GC, March 1942 (DE/MS/AB)
- BMI24, LO•W, No.602 Sqn, RAF Kenley & Biggin Hill, March-September 1942 (DG/OG/MSG)

Colour Key: DG - Dark Green, DE - Dark Earth, S - Sky, OG - Ocean

Grey, MSG - Medium Sea Grey, MS - Mid-stone, AB - Azure Blue

Designed for: Any Spitfire Mk Vb kit

Price Guide: £7.99



SAMPLES FOR REVIEW

Please send all items for review to the following address:

Model Airplane International, Doolittle Mill, Doolittle Lane, Totternhoe, Bedfordshire, LU6 1QX, United Kingdom.

Companies in the European Union should also add our VAT number, which is GB 789 7020 84

1:32 X32-042 SUPERMARINE SPITFIRE Mk V, LATE CAMO

- EPI66, JU•N, No.111 Sqn, RAF Kenley, 24th August 1942 (DG/OG/MSG)
- AB502, IR•C, No.244 Wing, Goubrine South, Tunisia, April 1943 (DE/MS/AB)
- EP829, T•N, No.249 Sqn, Krendi, Malta GC, April 1943 (DE/EDSG/AB)
- W3834, YO•Q, No.410 Sqn, RAF Redhill, July 1943 (DG/OG/MSG)
- EPI20, AE•A, No.402 Sqn, RAF Merston, November 1943 (DG/OG/MSG)
- BL370, SH•J, No.64 Sqn, RAF Harrowbeer, 6th June 1944 (DG/OG/MSG)

Colour Key: DG - Dark Green, DE - Dark Earth, OG - Ocean Grey, MSG - Medium Sea Grey, MS - Mid-stone, AB - Azure Blue, EDSG - Extra Dark Sea Grey (may be RN vehicle Dark Blue?)

Designed for: Any Spitfire Mk Vb kit

Price Guide: £7.99



1:32 X32-043 P-51D MUSTANG Mk IV IN RAF, RCAF & RAAF SERVICE

- KH655, QV•P, No.19 Sqn, RAF Peterhead, early 1945 (OD/SG/LG)
- KM680, •Y2, No.442 Sqn, RAF Hunsdon, May 1945 (OD/SG/LG)
- KH755, CV•W, No.3 Sqn RAAF, Cervia, Italy, circa May 1945 (OD/SG/LG)
- KH765, HG•R, No.154 Sqn, RAF Hunsdon, March 1945 (A)
- KMI38, AK•Y, No.213 Sqn, Biferno, Italy, May 1945 (A)
- KM232, •JAS, RAF Hunsdon, May 1945 (A)

Colour Key: OD - Olive Drab, SG - Sea Grey, LG - Light Grey, A - Aluminium

Designed for: Any P-51D kit

Price Guide: £9.99

Verdict: Another excellent selection of sheets and subjects. the decals are superbly printed and each comes with instructions in full colour that quote all colours by the official names and BS/FS reference numbers. They are all highly recommended and our thanks to Hannants for the review samples.

IsraDecal, Israel [www.isradecal.com]

Available in UK from: Hannants

1:48 IAF-89

The sheet offers a selection of letters and numbers, along with squadron badges and other insignia so that numerous schemes can be achieved. Those quoted in the instructions are as follows

- F-15I, '209' & '246' (S/G/T/LCG)
- F-15I, '201' of the IAF test & Evaluation Unit (S/G/T/LCG)

Colour Key: S - Sand FS33531, G - Green FS34424, T - Tan FS30219, LCG - Light Compass Grey FS36375

Designed for: Academy & Revell kits

Price Guide: £15.25

1:48 IAF-90 F-16C/D BARAK

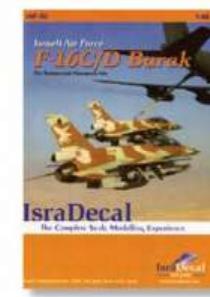
The sheet offers a selection of letters and numbers, along with squadron badges and other insignia so that numerous schemes can be achieved. Those quoted in the instructions are as follows

- F-16C Block 30, '360', The First Jet Sqn (S/G/T/LCG)
- F-16C Block 30, '332', The First Jet Sqn, July 2008 (S/G/T/LCG)
- F-16C Block 30, '378', Knights of the North Sqn, April 1990 (S/G/T/LCG)
- F-16C Block 30, '364', Knights of the North Sqn, April 2007 (S/G/T/LCG)
- F-16D Block 30, '055', The Valley Sqn, Sept 2001 (S/G/T/LCG)
- F-16D Block 30, '074', The Valley Sqn, April 2011 (S/G/T/LCG)
- F-16D Block 30, '023', The First Fighter Sqn, Sept 1989 (S/G/T/LCG)
- F-16C Block 40, '557', The First Fighter Sqn, 2005 (S/G/T/LCG)
- F-16D Block 40, '673', The First Fighter Sqn & The Scorpions Sqn, 2003 (S/G/T/LCG)
- F-16C Block 40, '508', The First Fighter Sqn & The Scorpions Sqn, 2003 (S/G/T/LCG)

Colour Key: S - Sand FS33531, G - Green FS34424, T - Tan FS30219, LCG - Light Compass Grey FS36375

Designed for: Hasegawa & Tamiya kits

Price Guide: £15.25



Verdict: These are excellent quality sheets with perfect register and colour, you just have to know a bit about the subject as the instructions only offer an overview. That said, if you like modern IAF subjects you will probably know your subject so these are recommended and our thanks to IsraDecals for the review samples.

EagleCals, USA [www.eagleeditions.com]

Available in UK from: Manufacturer

1:48 EC48-139 P-51Ds

- P-51D-10-NA 'Thunderbird', S/No.44-14570, WD•D, flown by Capt. Ted E. Lines, 4th FG (NM)
- P-51D-15-NA, 'Duchess Arlene', S/No.44-15648, flown by Lt Robert W. Williams of the 332nd FG (NM)
- P-51D-5-NA, 'Flying Dutchman', S/No.44-13500, HL•N, flown by Capt. Bob Goebel of the 31st FG (NM)

Colour Key: NM - Natural Metal

Designed for: Any P-51D kit

Price Guide: £TBA (\$15.00)



Verdict: As always with EagleCals this is an excellent sheet and one we can highly recommended without any reservations. Our thanks to Eagle Editions for the review sample. Please note that this sheet is also available in 1:72 and 1:32.

new releases - decals

New sheets from AIMS, Fantasy Printshop, Kagero & Lifelike

Lifelike Decals, Japan [<http://www16.ocn.ne.jp/~lifelike/.com>]

Available in UK from: Hannants

I:48 48-036 NAKAJIMA Ki-44 PART 1

- Ki-44-II Hei flown by 1st Lt H. Inayama, 87th Sentai, 2nd Chutai, Palembang/Sumatra, January 1945 (BG/NM)
- Ki-44-II Kou, flown by Lt Col. Y. Wakamatsu, 85th Sentai, 2nd Chutai, Kwangtung AB, China, Summer 1943 (NM)
- Ki-44-II Hei, 246th Sentai, 3rd Chutai, Taisho AF, Osaka, Japan, 1944 (NM)
- Ki-44-II Hei, 246th Sentai, 2nd Chuta, Taisho AB, Osaka, Japan, Spring 1945 (NM)

Colour Key: BG - Black-Grey, NM - Natural Metal

Designed for: Hasegawa kit

Price Guide: £13.99

I:48 48-037 NAKAJIMA Ki-44 PART 2

- Ki-44-II Hei flown by Capt. Y. Yoshida, 70th Sentai, 1st Chutai, Kashiwa AB, Chiba, June 1945 (NM)
- Ki-44-II Hei flown by W/O M. Ogawa, 70th Sentai, 1st Chutai, Kashiwa AB, Chiba, May-June 1945 (NM)
- Ki-44-II Kou, flown by Sgt S. Miyazawa, 70th Sentai, 3rd Chutai, Kashiwa AB, Chiba, February 1945 (NM)
- Ki-44-II Kou, 9th Sentai, 1st Chuta, China, 1944-45 (DG/NM)

Note - The kill markings are supplied on separate (smaller) sheets, not shown opposite

Colour Key: NM - Natural Metal, DG - Dark Green

Designed for: Hasegawa kit

Price Guide: £13.99

I:48 48-038 NAKAJIMA Ki-44 PART 3

- Ki-44-II Hei flown by W/O K. Kobayashi, 23rd Sentai, 1st Chutai, Inba AB, Chiba, November 1944 (DG/LG)
- Ki-44-II Kou 85th Sentai, 2nd Chutai, Kwangtung AB, China, 1944 (DG/NM)
- Ki-44-II Hei, flown by Maj. T. Saito, 85th Sentai, Kwangtung AB, China, Summer 1944 (DG/NM)
- Ki-44-II Hei, flown by Maj. A. Sakado, 70th Sentai, Kashiwa AB, Chiba, June 1945 (NM)

Note - The kill markings are supplied on separate (smaller) sheets, not shown opposite

Colour Key: NM - Natural Metal, DG - Dark Green

Designed for: Hasegawa kit

Price Guide: £13.99

I:32 32-014 N.A. P-51 MUSTANG PART 1

- P-51D-15-NA, 'American Beauty', flown by Capt. J. Voli, 308th FS, 31st FG, San Saverio, Italy, November 1944 (NM)
- P-51D-15-NA, 'Daddy's Girl', 44-14733, flown by Capt. R. Wetmore, 370th FS, 259th FG, East Wretham, Feb-March 1945 (NM)

- P-51D-10-NA, 44-14570, flown by Capt. T. Lines, 335th FS, 4th FG, Debden, Sept-Nov 1944 (NM)

- P-51K-10-NT, 'Mrs Bonnie', 44-12017, flown by Lt Col. B. Durnham, 348th FG, Le Shima, Okinawa, August 1945 (NM)

Note - There are three other sheets, containing specific and national markings in this set that are not shown opposite

Colour Key: NM - Natural Metal

Designed for: Tamiya kit

Price Guide: £14.99

I:32 32-015 N.A. P-51 MUSTANG PART 2

- P-51B-15-NA, 42-106924, flown by Lt R.K. Hofer, 334th FS, 4th FG, Debden, June 1944 (NM)
- P-51D-5-NA, 44-14059, flown by Capt. F. Munder Jr, 381st FS, 363rd FG, Maupertus or Azeville, July-August 1944 (NM)

- P-51B-10-NA, 42-106647, flown by Capt. J. Brown Jr, 382nd FS, 363rd FG, Maupertus, France, August 1944 (NM)

- P-51D-20-NA, 44-72322, flown by Lt R. Bagget, 402nd FS, 370th FG, Gütersloh, May 1945 (NM)

Note - There are three other sheets, containing specific and national markings in this set that are not shown opposite

Colour Key: NM - Natural Metal

Designed for: Tamiya & Revell or Trumpeter kits

Price Guide: £14.99

Verdict: These are all superb sheets, perfectly printed and with high quality detailed colour instructions. They can be highly recommended to all without any hesitation. Our thanks to Lifelike Decals for the review samples.

AIMS, UK [www.aimsmodels.co.uk]

Available in UK from: Manufacturer

I:72 72D019 DORNIER DO 217J/N

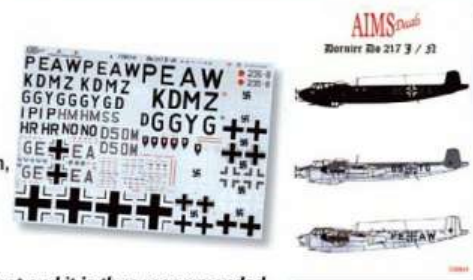
- Do 217N-2/R22, 8V+NO, NNJ Schwarn/Lw.Kdo.Ost. Nachtjäger, Eastern Front, 1943 (RLM 75/76)
- Do 217N-2/R22, 3C+HR, 7./NJG 4 (RLM 75/76)
- Do 217N-2/R22, D6+HM, 4./NJG 3 based at Westerland (RLM 76)
- Do 217N-2/R22, 3C+IP, flown by Fw. G. Konzack of 6./NJG 4, which landed in error at Basel-Birsfelden, Switzerland on the 1st May 1944 (RLM 74/75/76)

Colour Key: RLM 74 - Graugrün, RLM 75 - Grauviolett, RLM 76 - Lichtblau

Designed for: Italeri kit

Price Guide: £9.99

Verdict: This is an excellent sheet for an often overlooked subject and it is thus recommended to all Luftwaffe modellers. Our thanks to AIMS for the review sample.



SAMPLES FOR REVIEW

Please send all items for review to the following address:

Model Airplane International, Doolittle Mill, Doolittle Lane, Totternhoe, Bedfordshire, LU6 1QX, United Kingdom.

Companies in the European Union should also add our VAT number, which is GB 789 7020 84

Kagero, Poland [www.kagero.pl]

Available in UK from: Casemate UK

Note sure if this is a book trying to be a decal, or a decal trying to be a book? Either way we will feature it here as that seems more appropriate than in the book section.

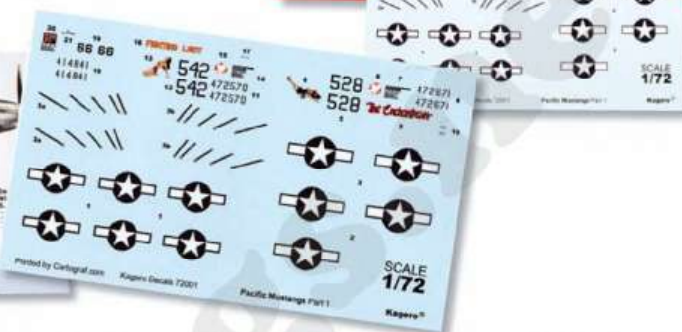
1:72 KD72003 PACIFIC MUSTANGS PART 1

- P-51D-25-NA, S/No.44-72671, 'The Enchantress', flown by 2nd Lt William Saks, 457th FS, 506th FG, North Field, Iwo Jima, June 1945 (NM)
- P-51D-25-NA, S/No.44-72570, 'Fighting Lady', flown by Lt Ralph S. Gardner and 2nd Lt C. Jatczak, 457th FS, 506th FG, North Field, Iwo Jima, June 1945 (NM)
- F-6D-10-NA, S/No.44-14841, flown by Capt. W.A. Shomo, 82nd TRS, 71st TRG, Hill Field, Mindoro, 12th January 1945 (NM)

Colour Key: NM - Natural Metal with silver doped control surfaces

Designed for: Any P-51D kit

Price Guide: £TBA



Verdict: Actually this is quite an impressive sheet, as the instructions include high quality artwork for side and top views, plus scrap underwing views. All colours are quoted by official names and numbers and there are detailed notes about the equipment fit for each option. This is a highly recommended product and we look forward to more in the series. Our thanks to Casemate UK for the review sample.

Fantasy Printshop, UK [www.fantasyprintshop.co.uk]

Available in UK from: Manufacturer

Fantasy have released a series of new sheet in various colours, so what we show here are examples of each style of sheet only, see the accompanying text for details of the options available.

1:72 FP910 WWII GERMAN SERIALS 4.5mm & 8mm

This style is available in the following colours

- FP910W - White
- FP910Y - Yellow
- FP910R - Red
- FP910G - Green
- FP910BL - Blue

Price Guide: £6.95 each (2x A5 sheets per pack)

1:72 FP911 WWII GERMAN SERIALS 9mm, 10.5mm & 11mm

This style is available in the following colours

- FP911W - White
- FP911Y - Yellow
- FP911R - Red
- FP911G - Green
- FP911BL - Blue

Price Guide: £6.95 each (2x A5 sheets per pack)

1:72 FP912 WWII GERMAN SERIALS 12.5mm, & 13.5mm

This style is available in the following colours

- FP912W - White
- FP912Y - Yellow
- FP912R - Red
- FP912G - Green
- FP912BL - Blue

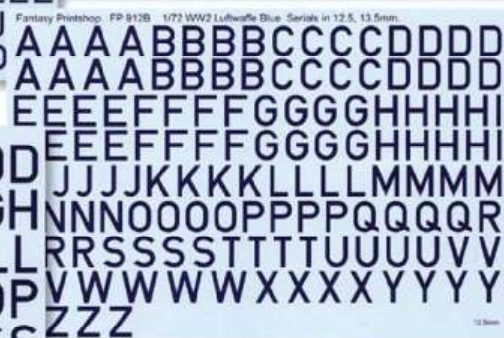
Price Guide: £6.95 each (2x A5 sheets per pack)

1:72 FP913 WWII GERMAN SERIALS 15mm

This style is available in the following colours

- FP913W - White
- FP913Y - Yellow
- FP913R - Red
- FP913G - Green
- FP913BL - Blue

Price Guide: £3.50 each (1x A5 sheet per pack)



Verdict: This type of generic sheet is always useful as it allows you to modify kit decals to other options with ease. All of these sheets are to the highest standard and are recommended to all. Our thanks to Fantasy Printshop for the review samples.

events diary

Worldwide model shows for 2012

2012

March 17th

IPMS/Catawba Valley Scale Modelers Region 12 1st Annual Catawba Valley Scale Modelers Contest and Swap Meet at VFW Post 2031, 139 Jordan Lane, Statesville, NC, USA. For more details contact Jim Malcolm, Tel: 828-499-0069, Email: jmalcolm4850@gmail.com

March 17th

IPMS/Three Rivers Region 4 TRICON 2012 at A.W.Beattie Career Center, 9600 Babcock Blvd, Allison Park, PA, USA. For more details contact Scott Scariot, Tel: 412-492-8378, Email: trekmanstott@hotmail.com

March 17th & 18th

SKALA 2012 IPMS Norway's Nationals at Letohallen near Gardermoen Int. Airport. For more information visit www.ipmsnorge.org/portal/ or Email: post@ipmsnorge.org.

March 24th & 25th

Southern Expo at Hornchurch Sports Centre, Harrow Lodge Park, Hornchurch, Essex, RM11 1JU. For more details visit <http://myweb.tiscali.co.uk/southernexpo/>, or email SouthernExpo@tiscali.co.uk

March 24th

IPMS Knoxville Region 3 Smoky Mountain Mini-Con at the University of Tennessee, Ellington Plant Sciences Building, 2431 Center Drive, Knoxville, TN, USA. For more details contact Mike Driskill, Tel: 865-789-2368, Email: mwdriskill@gmail.com

March 24th

IPMS Warren Region 4 SEMMEX 2012 at the Michigan Military Technical Museum, 16640 Stephens, Eastpointe, MI, USA. For more details contact Jim Ashford, Tel: 248-399-2386, Email: jimandkatie@wowway.com

March 24th

IPMS/South Central Modelers of Minnesota Region 5 8th Annual Scale Model Show and Contest at the Five Lakes Centre, 308 South State Street, Fairmont, MN, USA. For more details contact Gregory Pausewang, Tel: 507-526-3531, Email: 57chevy1957@bevcmm.net

March 24th

IPMS/Flying Tigers Scale Model Builders - New Orleans Region 6 Great South Tigerfest XIX at St. Jerome K.C. Hall, 3310 Florida Ave., Kenner, LA, USA. For more details contact Richard Marriott, Tel: 504-737-9514, Email: rmpaintingmusic14@gmail.com

Organisers

If you want details of your event posted here, then please send it via email to editorial@modelairplaneinternational.com or via fax to 44 (0) 1525 222574. We will endeavour to run the notice until the event occurs, but no responsibility will be taken by the publisher for errors or inaccuracies that may occur, or any losses etc that may arise as a result of such errors or inaccuracies.

March 24th

IPMS/Wings, Wheels & Keels Model Club Region II Wings, Wheels & Keels Model Show & Contest at Woodmere Park Auditorium, 3951 Woodmere Park Blvd, Venice, FL, USA. For more details contact Fred Holtweiss, Tel: 941-475-9697, Email: flh32@comcast.net

March 25th

IPMS/Wings & Wheels Modelers Region I Valleycon 22 at the Knights of Columbus, 460 Granby Rd, Chicopee, MA, USA. For more details contact Al LaFleche, Tel: 413-306-1270, Email: ajlafleche@comcast.net

March 31st

South Devon Model Extravaganza at Ashmoor Recreation Centre, Ballard Lane, Ashburton, Devon, TQ13 7EW. For more details contact ipmsdartmoor@gmail.com or visit www.ipms-dartmoor.blogspot.com.

April 1st

17th IPMS Moorseele Model Show at OC Marke, Hellestraat 6, 8510 Marke-Kortrijk, Belgium. For more information contact P. Debaere, Wulpendamstraat 15, 8630 Veurne, Belgium, Tel: 00 32 58 31 73 58 or Email: filsoft@pandora.be.



April 1st

Shropshire Model Show at the RAF Museum Cosford. For more details contact Gary Stevens, 1 Sycamore Cottages, Hordley, Ellesmere, SY12 9BJ, Tel: 01939 270481 or visit www.rafmuseum.org

April 14th

Poole Vikings Model Club Annual Show at Parkstone Grammar School, Sopers Lane, BH17 7EP. For more details contact Sue Meadowcroft Tel: 07522 529867.

April 14th

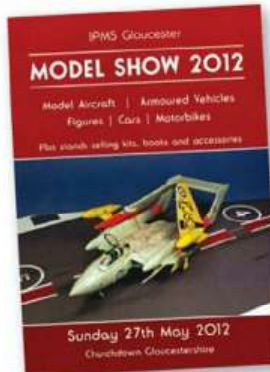
Sword & Lance 2012 presented by Darlington Military Modelling Society at the New Venue of Darlington College, Houghton Road, Darlington DL1 1DR. For details contact: Colin Holmes, 127 Dinsdale Crescent, Darlington, Co., Durham, DL1 1EZ. Tel: 01325 489801 or Email: c20hms@gmail.com.

April 14th & 15th

Moson Model Show 2012, Hungary. For more information visit www.mosonshow.hu or call +36 20 480 90 44.

April 29th

9th Modellbaufreunde Siegen Model Show at the Festival Hall in Wilnsdorf, Germany. For more information Email: info@modellbaufreunde-siegen.de or visit www.modellbaufreunde-siegen.de.



May 20th

Hendon Model Show at the RAF Museum, Graphical Park Way, London, NW9 5LL. For more information visit www.rafmuseum.org/ whatson or Email: hendonmodelshow@yahoo.co.uk.

May 26th & 27th

Scale ACT '12 at The Kaleen High School, 108 Baldwin Drive, Kaleen, Canberra, Australian Capital Territory (ACT), Australia. For more detailed information visit: <http://www.actsms.asn.au>

May 27th

IPMS Gloucester Model Show 2012 at Churchdown



Community Centre, Parton Road, Churchdown, Gloucestershire, GL3 2JH. For more details contact Alan Firbank, Email: afirbank@aol.com or Jeff Brown, Email: gundylunch@sky.com

June 2nd

Torbay Military Modelling Society Model Show 2012 at Torquay Town Hall. For more details contact, Email: paulfarrer@live.co.uk or visit www.torbaymilitarymodellingsociety.org.uk or www.torbay-ipms.org.uk.

June 23rd

Amay Modèles Club 19th Modelling Day at the IPES Huy, 6 Avenue Delchambre, B-4500 Huy, Belgium. For further information, contact Michel Calluy, 13 Thier du Moulin, B-4530 Villers-le-Bouillet, Belgium, Tel: 00 32 85 231086, Email: michel.calluy@skynet.be or visit <http://www.amaymodelesclub.org>.

June 24th

West Norfolk IPMS Model Club Show 2012 at Downham Market Town Hall, PE38 9JS. For more information Email: sinmon@tiscali.co.uk or visit www.wnipms.org.

September 9th

17th Anniversary 2012 Queensland Model Hobbies Expo and Queensland Scale Modelling Championships at Brisbane Table Tennis Association Stadium, Green Terrace, Windsor (Downey Park), Brisbane, Queensland 4030, Australia. For more details visit www.qmhe.com or contact the secretary; secretary@qmhe.com.

September 22nd

IPMS Farnborough Modelfest 2012 at Kings International College, Watchetts Drive, Camberley, Surrey GU15 2PQ. For more details visit www.ipms-farnborough.co.uk.

MODELFEST 2012

Scale Model Show
Saturday 22nd September
10am - 4pm



contacts

Contact details for companies featured in MAI this month...

Airbrush Co., Ltd

Unit 7 Marlborough Road
Lancing Business Park
Lancing
West Sussex
BN15 8UF
Tel: 01903 767800
Fax: 01903 875960
http://www.airbrushes.com
sales@airbrushes.co.uk

Aires Hobby Models

Cepirohy II5,
434 Ol Most I,
Czech Republic.

Airfix

Hornby Hobbies Ltd
Westwood Industrial Estate,
Margate, Kent.
CT9 4JX
Tel: +44 (0)1843 233500
Fax: +44 (0)1843 233513
www.airfix.com

Amerang Ltd

Commerce Way,
Lancing,
West Sussex.
BN15 8TE
Tel: 01903 765496
Fax: 01903 753643 or 765178
Email: sales@amerang-group.com

Atelier Keczay

Tel: 978 83 924914 0 8
Email: jkeczay@poczta.onet.pl
www.keczay.info

Aviaecology by Skygrid

I23 Church Street
Kitchener
Ontario
Canada
N2G 2S3
Tel: (519) 742 6965
Fax: (519) 742 2182
Email: info@aviaecology.com or
sales@aviaecology.com
www.aviaecology.com

AZ Model

Mendelova 542,
I49 00 Praha 4 - Háje
Czech Republic.
Tel/Fax: +420 272 940 948
Email: legato@legatokits.cz
www.legatokits.cz

Azur

See MPM

CMK

Mezilesi 718,
I93 00 Praha 9,
Czech Republic.
Tel: +420 2 8192 3909
Fax: +420 2 8192 3910
Email: cmk@mpm.cz
www.cmkkits.com

Creative Models Ltd

Unit 6/10, Honeysome Road
Industrial Estate
Honeysome Road,
Chatteris
Cambridgeshire.
PE16 6TG
Tel: +44 (0)1354 760022
Fax: +44 (0)1354 760037
Email: info@creativemodels.co.uk
www.creativemodels.co.uk

Crécy Publishing

Unit 1a, Ringway Trading Estate,
Shadowmoss Road,
Wythenshawe,
Manchester.
M22 5LH
Tel: 0161 499 0024
Fax: 0161 499 0298
Email: books@airplan.u-net.com

Eduard M.A.,

I70 Obrnice,
Obrnice,
435 21,
Czech Republic.
Tel: 420 35 6 11 81 86
Fax: 420 35 6 11 81 71
Email: info@eduard.cz

Galdec

See Model Art Decal System

Great Wall Hobby

See Shanghai Lion Roar Art Model Co., Ltd

Hannants

Harbour Road,
Oulton Broad,
Lowestoft,
Suffolk.
NR32 3LZ
Tel: 01502 517444
Fax: 01502 500521
www.hannants.co.uk

Hasegawa Corporation

3-1-2 Yagusu Yaizu,
Shizuoka 425-8711,
Japan.
Tel: 81 54 6 28 82 41
Fax: 81 54 6 27 80 46

HobbyBoss

Huihuang Electric Appliances Co.,
Ltd
China.
www.hobbyboss.com

The Hobby Company Limited

Garforth Place,
Knowlhill,
Milton Keynes.
MK5 8PH
Tel: 01908 605 686
Fax: 01908 605 666
Email: sales@hobbyco.net
or enquiries@hobbyco.net
www.hobbyco.net

Italeri S.p.A.

Via Pradazzo 6/B,
I-40012 Calderara di Reno,
(Bologna),
Italy
Tel: +39 051 72 60 37
Fax: +39 051 72 64 59
Email: italeri@italeri.com

Lela Presse S.A.R.L.

29, rue Paul Bert,
62230 Outreau,
France.
Tel: 03 21 33 88 96
Fax: 03 21 32 00 39
Email: m.lela.presse@wanadoo.fr

Linden Hill Decals

(Linden Hill Ltd),
P.O. Box 543,
Crugers,
NY 10521,
USA.
Tel: (914) 734 9616
Fax: (914) 734 9617
Email: contact@lindenhillimports.com

LSA Models

I51 Sackville Road,
Hove,
East Sussex.
BN3 3HD
Tel/Fax: 01273 705420
Email: lsamodels@mcmail.com

Master Model

71-126 Szczecin,
ul. 26 Kwietnia 49/44,
Poland
Tel: +48 0 503 072 624
Email: info@master-model.pl
www.master-model.pl

Model Art Decal System

9 Moorcroft
Edenfield,
Bury,
Lancs.
BLO 0LL
Tel/Fax: 01706 827500
Email: modeartdec@btinternet.com

MPM Production s.r.o.

Mezilesi 718,
I93 00 Horni Pocernice,
Praha 9,
Czech Republic
Tel: +420 2 8192 3907
Fax: +420 2 8192 3892
www.cmkkits.com
mail:export@mpm.cz

Pocketbond Ltd

PO Box 80,
Welwyn,
Herts.
AL 6 0ND
Tel 01707 391509
Fax: 01707 327466

Quickboost

See Aires

Revell GmbH & Co., KG [UK Branch]

Orchard Mews
18C High Street
Tring
Hertfordshire
HP23 5AH
Tel: 01442 890285
Fax: 01442 827919
Email: ukbranch@revell.de

Revell GmbH & Co., KG

Abteilung X,
Henschelstr 20-30,
D-32257 Bünde,
Germany
www.revell.eu

Scale Aircraft Conversions

3795 Shady Hill Drive
Dallas
TX 75229
USA.
Tel: (214) 477 7163
Email: sacmactexas@aol.com
www.scaleaircraftconversions.com

Shanghai Lion Roar Art Model Co., Ltd

708 Changle Road,
Shanghai 200040
China
www.lionroar.net & www.lionroar-model.cn

Specialty Press

39966 Grand Avenue,
North Branch,
MN55056,
USA
Tel: 651 277 1400
www.specialtypress.com

Trumpeter

Wa San Development (Macau) Ltd
Rampa Dos Cavaleiros No.9
Block 5, Floor I6, Flat AS EDF,
Jardim Sun Yick Garden,
Macau
China

Vintage Eagle Publishing

Schaffhauserstr. 613
CH-8052 Zürich,
Switzerland
Tel: +41 79 301 46 59
Email: info@vintageeagle.com
www.vintageeagle.com

Wingnut Wings Ltd

PO Box 15-319,
Miramar,
Wellington 6022,
New Zealand
www.wingnutwings.com
richard@wingnutwings.com

Wheeliant

See Aires

KEY NT - New Tooling, **RE** - Reissue, with or without new decals, **RT** - Revised Tooling, **IM** - Injection Moulded Plastic including Limited Run, **PE** - Photo-Etched Brass, **R** - Resin, **RB** - Rubber, **VF** - Vac-formed Plastic, **WM** - White-metal or Pewter

News - Just Released

The below lists UK kit releases since our last edition. For all the latest news check out our website at www.modelairplaneinternational.com

MANUFACTURER	SCALE	ITEM #	TYPE	DESCRIPTION	PRICE	NOTE
Aeroplast	1:48	99033	IM	PZL SW-4 Puszczuk	£16.99	NT
Aeroplast	1:48	99034	IM	PZL SW-4 - Korea Civil	£16.99	NT
Airfix	1:72	A01006	IM	Folland Gnat T.I	£5.99	NT
Airfix	1:72	A55100	IM	Supermarine Spitfire Mk Ia 'Starter Set'	£7.99	RE
Airfix	1:48	A50014	IM	Spitfire Mk Vb/Bf 109F 'Dogfight Double'	£24.99	RE
Anigrand Craftwork	1:144	4072	R	Focke-Wulf Fw 200C-4/U-I Condor	£59.99	NT
Azur	1:72	A054	IM/R	Breguet Br 695AB.2	£18.20	RT
CMR	1:72	146	R/PE/VF	Bristol Sycamore HC.14/HR.14/Mk 51/Mk 52	£37.20	NT
Eduard	1:48	1160	IM/PE	Polikarpov I-16 Type 10 'Over Spain' (Dual Combo)	£33.99	RE
Eduard	1:72	7415	IM	Grumman F6F-5 Hellcat 'Weekend Series'	£9.60	RE
Eduard	1:48	8261	IM/PE	Messerschmitt Bf 109E-1 'ProfiPACK'	£22.80	NT
Great Wall Hobby	1:48	L4807	IM/PE	Douglas TBD-1 Devastator 'VT-8 Midway 1942'	£49.99	NT
Hasegawa	1:72	01949	IM	G.D./L-M F-16M/BM 'Royal Norwegian AF'	£44.99	RE
Hasegawa	1:72	01964	IM	Grumman F4F and F6F 'Pacific Aces Combo'	£24.99	RE
Hasegawa	1:72	01965	IM	Sikorsky UH-60J (SP) 'Rescue Hawk'	£39.99	RE
Hasegawa	1:72	01966	IM	McDD F-4B/N/J 'VF-84 Jolly Rogers'	£57.99	RE
Hasegawa	1:72	01967	IM	Focke-Wulf Fw 190D-9 'Jabo'	£24.99	RE
Hasegawa	1:72	E38	IM	McDD/Boeing EA-18G Growler	£25.99	NT
Hasegawa	1:48	09960	IM	Boeing F/A-18E Super Hornet 'Chippy Ho!'	£69.99	RE
Hasegawa	1:48	09961	IM	Lockheed F-104G Starfighter 'CCV'	£65.99	RT
Hasegawa	1:48	09962	IM	G.D./L-M F-16A 'Israeli Air Force'	£44.99	RE
Hasegawa	1:48	09964	IM	McDD/Boeing EA-18G Growler 'Low Vis'	£69.99	RE
Hasegawa	1:48	09965	IM	Focke-Wulf Fw 190A-6 'Sturmstaffel I'	£34.99	RE
Hasegawa	1:48	09966	IM	Curtiss P-40E/K Warhawk 'Flying Tigers'	£34.99	RE
Hasegawa	1:48	09967	IM	Hawker Hurricane Mk I/c 'Kings Cup Air Race'	£34.99	RE
Hasegawa	1:32	08219	IM	Messerschmitt Bf 109G-2/Trop 'Marseille'	£51.99	RE
Hasegawa	1:32	08220	IM	Nakajima Ki-44-II Hei '246th Flight Regiment'	£51.99	RE
Italeri	1:72	067	IM	Sepecat Jaguar GR.1	£14.99	RE
Italeri	1:48	2718	IM	Mirage III CJ 'Aces' (ex-Esci)	£26.99	RE
Kinetic	1:48	48023	IM	Grumman A-6E Intruder	£34.99	NT
Skunkworks	1:72	72003	IM	MQ-9 Reaper	£15.99	NT
Special Hobby	1:72	72234	IM/R/PE	Boulton-Paul Balliol T.2	£15.20	NT
Special Hobby	1:72	72236	IM/R/PE	Boulton-Paul Sea Balliol T.21	£15.20	NT
Special Hobby	1:48	48121	IM/R/PE	Vought V-173 Flying Pancake/Flapjack	£30.40	NT
Special Hobby	1:32	32042	IM/R/PE	Polikarpov I-16 'China and Japan'	£30.40	RE
Sword	1:72	72053	IM	Mitsubishi J2M3 Raiden 'Jack'	£14.99	NT
Tamiya	1:72	25148	IM	N.A. P-51D Mustang 'Tuskegee Airmen'	£14.99	RE
Tamiya	1:48	25147	IM	N.A. P-51D Mustang 'Tuskegee Airmen'	£27.99	RE
Tamiya	1:48	37011	IM	Hawker Hurricane Mk I (ex-Italeri)	£42.50	RE
Trumpeter	1:48	02829	IM	Douglas C-48C Skytrain	£79.99	RT
Trumpeter	1:48	02845	IM	Shenyang J-8B Finback	£32.99	NT



Airfix #A01006 Folland Gnat T.I



Airfix #A50014 Spitfire Vb/Bf 109F



Eduard #1160 I-16 Type 10 'Over Spain'



Eduard #8261 Bf 109E-1



Hasegawa #09961 F-104G 'CCV'



Tamiya #37011 Hurricane Mk I



Special Hobby #SH48121 Vought V-173



Kinetic #48023 A-6E Intruder



Hasegawa #09967 Hurricane 'Kings Cup Air Race'



Trumpeter #02845 J-8B Finback



Sword #SW72053 J2M3 Raiden



Skunkworks #72003 MQ-9 Reaper



Kinetic #48023

KEY **NT** - New Tooling, **RE** - Reissue, with or without new decals, **RT** - Revised Tooling, **IM** - Injection Moulded Plastic including Limited Run, **PE** - Photo-Etched Brass, **R** - Resin, **RB** - Rubber, **VF** - Vac-formed Plastic, **WM** - White-metal or Pewter

News - Coming Soon

For details of all future kit releases check out the New Kit Listing 2012 on our website www.modelairplaneinternational.com

MANUFACTURER	SCALE	ITEM #	TYPE	DESCRIPTION	NOTE
Admiral	1:72	ADM7210	IM	Douglas TBD-1 Devastator	NT
AZ Model	1:72	7362	IM	Airspeed Oxford Mk I	NT
AZ Model	1:72	7363	IM	Airspeed Oxford Mk II	NT
AZ Model	1:72	7364	IM	Kawasaki Ki-102a 'Randy'	NT
AZ Model	1:72	7365	IM	Kawasaki Ki-102b 'Randy'	NT
AZ Model	1:72	7368	IM	De Havilland DH.82A Tiger Moth	NT
AZ Model	1:72	7369	IM	DHC Chipmunk T.10 'RAF'	NT
AZ Model	1:72	7370	IM	DHC Chipmunk T.20 'Foreign Service'	NT
AZ Model	1:72	7371	IM	DHC Chipmunk T.30	NT
AZ Model	1:72	7372	IM	DHC Chipmunk T.10	NT
AZ Model	1:48	4850	IM/R	Heinkel He 70 'Luftwaffe'	NT
AZ Model	1:48	4851	IM/R	Heinkel He 70 'Spanish Civil War'	NT
Cyber-Hobby	1:200	2013	IM	Lockheed C-141B Starlifter 'Gulf War'	RT
Cyber-Hobby	1:200	2014	IM	Tupolev Tu-95MS 'Bear H'	RT
Cyber-Hobby	1:200	2015	IM	N.A. XB-70A Valkyrie	NT
Cyber-Hobby	1:72	5045	IM	Aichi D3A1 Val	NT
Cyber-Hobby	1:72	5096	IM	D.H. Sea Venom F(AW).21	NT
Cyber-Hobby	1:72	5103	IM	SB2C-4 Helldiver	NT
Dragon	1:144	4632	IM	PLA WZ-10 Attack Helicopter	NT
HobbyBoss	1:72	80277	IM	Grumman F-14B Tomcat	RT
HobbyBoss	1:72	87242	IM	Mil Mi-2US Hoplite gunship	RT
HobbyBoss	1:48	80363	IM	Yak-38U Forger B	RT
HobbyBoss	1:48	80365	IM	McDonnell F3H-2M Demon	RT
Minicraft	1:144	14664	IM	US Navy PB4Y-1 'Easy Maid'	RE
Revell	1:72	03991	IM	Macchi C.200 Saetta	RE 3/2012
Revell	1:72	04367	IM	Arado E.555	RE 3/2012
Revell	1:72	04660	IM	Tornado 'Black Panther'	RE 01/2012
Revell	1:72	04664	IM	Sukhoi T-50 (ex-Zvezda)	RE 04/2012
Revell	1:48	04662	IM	Lockheed PV-1 Ventura	NT 02/2012
Revell	1:48	04898	IM	Westland Wessex HAS Mk 3	RE 02/2012
Revell	1:32	04652	IM	Westland Sea Kynx Mk 88/HAS Mk 3	NT 06/2012
Roden	1:144	302	IM	DC-7C Royal 'Dutch Airlines (KLM)'	RE
Roden	1:72	061	IM	Nieuport 27	RT
Roden	1:48	436	IM	Airco D.H.9 'Ambulance'	RT 02/2012
Roden	1:48	441	IM	North American T-28B Trojan	NT 02/2012
RS Models	1:72	92114	IM/R/PE	Morane-Saulnier MS.406 'Vichy'	NT 1/2012
RS Models	1:72	92115	IM/R/PE	F-4/F-4A Lightning	NT
RS Models	1:72	92116	IM/R/PE	P-38F Lightning	NT 1/2012
RS Models	1:72	92117	IM/R/PE	Miles Magister	NT 1/2012
RS Models	1:72	92118	IM/R/PE	Morane-Saulnier MS.406 'France 1940'	NT 1/2012
RV Aircraft	1:72	72026	IM/PE	MiG-23MF 'What If' (Japan, Swiss & Bahrain)	RE
RV Aircraft	1:72	72027	IM/PE	MiG-23U/UB	RT
Special Hobby	1:48	48041	IM/R/PE	Fairey Firefly Mk IV/V	NT
Special Hobby	1:48	48116	IM	Seafire F Mk XV 'Far East Service'	NT
Special Hobby	1:48	48125	IM	Seafire F Mk XV 'Aéronavale Service'	NT
Special Hobby	1:48	48127	IM/R/PE	Fairey Firefly Mk I 'Home Fleet'	NT
ToRo Model	1:48	48S01	R	PZL P.7a	NT
Trumpeter	1:48	02850	IM	V.S. Seafang F.32	NT
Trumpeter	1:32	02268	IM	Douglas A-4M Skyhawk	NT
Trumpeter	1:32	03219	IM	F-117A Nighthawk	NT
Valom	1:72	72055	IM/R/PE	Bristol Type 130 Bombay - 4th Qtr 2011	NT
Valom	1:72	72056	IM/R/PE	Bristol Bombay Mk I - 4th Qtr 2011	NT
Valom	1:72	72061	IM/R/PE	SARO A.19 Cloud - 3rd Qtr 2011	NT
Valom	1:72	72067	IM/R/PE	SARO A.29 Cloud (RAF) - 3rd Dtr 2011	NT
Valom	1:72	72070	IM/R/PE	IMAM Ro.10 - 3rd Qtr 2011	RT
Valom	1:48	48003	IM/R/PE	Antonov An-2 - 4th Qtr 2011	RE
Wolfpack	1:32	12301	IM/R/PE	F-86F-40 Sabre 'ROKAF' (Upgraded ex-Kinetic)	RE
Zvezda	1:200	6140	IM	Li-2 [snap-together]	NT
Zvezda	1:72	7273	IM	Mil Mi-24A Hind	RT
Zvezda	1:72	7291	IM	TB-7 bomber	RT



Admiral #ADM7210 TBD-1 Devastator



Cyber-Hobby 2013 C-141B 'Gulf War'



Cyber-Hobby 5103 SB2C-4 Helldiver



HobbyBoss #87242 Mi-2US Gunship



Minicraft #14664 PB4Y-1 'Easy Maid'



RS Models #92116 F-4/F-4A Lightning



Special Hobby #SH48125 Seafire Mk XV 'Aéronavale Service'



Trumpeter #02850 Seafang F.32

SUBSCRIBE - GET IT FIRST - SAVE MONEY



12 issues
direct to your
home £41 (UK)
£54 (Europe) £67
(World-wide)



Order subscriptions direct! - Order on-line at www.modelairplaneinternational.com

ORDER FORM - MAI

First name
Surname
Address
.....
Post/zip code
Country
Telephone Number

Please debit my credit/debit card for £
Visa ☐ Mastercard ☐ Maestro ☐ Other
Card number
CCV security code (three numbers on signature strip)
Valid from Expiry date
Issue number (if applicable)

Please mail this form to:
ADH Publishing, Doolittle Mill, Doolittle Lane, Totterhoe, Bedfordshire, LU6 1QX, United Kingdom
Tel: +44(0)1525 222573 Fax: +44(0)1525 222574 Online: www.modelairplaneinternational.com
(Photocopies of this form are acceptable)

Subscriptions per year :-
UK: £41, Europe: £54, World-wide: £67
Cheques payable to: ADH Publishing Ltd.

☐ Renewal / Starting with issue No.

Signature

Date

Tel: 01525 222573 - Email: enquiries@modelairplaneinternational.com

DON'T MISS A THING....

Don't worry, earlier issues are still available to buy and full details are on the website @ www.modelairplaneinternational.com



Issue 62 September '10

- Trumpeter 1:48 Sukhoi Su-24M
- Special Hobby 1:72 Westland Whitehead F Mk I
- Detailing the Airfix 1:48 Buccaneer
- CMR 1:72 Vampire F3 and FB.5
- ICM 1:72 He 70
- HobbyBoss 1:72 Lynx Mk 88
- » and more...



Issue 59 June '10

- Bronco Models 1:48 RQ-1 Predator
- CMR 1:72 Vampire F Mk 1
- Wingnut Wings 1:32 Junkers J1
- Converting the Italeri 1:48 Mirage III E
- Italeri 1:72 Savoia-Marchetti SM.81
- Roden 1:32 WW1 Siemens-Schuckert D.III
- » and more...



Issue 60 July '10

- HobbyBoss 1:72 UH-1C
- Special Hobby 1:48 IMAM Re.57bis
- Trumpeter 1:144 Me 262A-2a
- Airfix 1:72 Canberra PR.9
- Italeri 1:48 Mirage III E conversion
- Hasegawa 1:32 Bf 109G conversion
- » and more...



Issue 61 August '10

- Tamiya 1:32 Spitfire Mk IXc
- Airfix 1:72 Nimrod
- Trumpeter 1:24 Bf 109G-10
- Xtrakit 1:72 Swift FR.5
- APV Club 1:48 F-9E
- AZ Model 1:72 Spitfire Mk I 'Early'
- » and more...



Issue 63 October '10

- Roden 1:48 AU-23A Peacemaker
- Badger 105 Patriot airbrush
- Trumpeter new 1:32 F/A-18E Super Hornet
- Airfix 1:48 Bf 109E
- AZ Model's 1:48 Ki-48-I
- F-101 Voodoo by Richard J. Caruana
- » and more...



Issue 64 November '10

- The CMR 1:72 Jet Provost
- From 1:72 Fw 58B
- HobbyBoss 1:72 F-16A and F-16B
- 1:48 F-111A from HobbyBoss
- Trumpeter 1:48 Wellington Mk III update
- Pacific Coast Models 1:32 Hurricane Mk I
- » and more...



Issue 65 December '10

- Revell 1:32 Piper Cub floatplane
- Anti-Camouflage No. 2 RCAF Ansons by Richard J. Caruana
- Trumpeter 1:32 MG-23ML
- Zvezda 1:48 Bf 109F-2
- Fairey Flycatcher by Richard J. Caruana
- » and more...



Issue 66 January '11

- AZ Model 1:72 Spitfire Mk IXa 'Acas'
- Tamiya 1:48 AGM-3a Zero
- Italeri 1:48 Macchi C.200
- Airfix 1:72 Nimrod AEW.3 conversion
- De Havilland Sea Venom by Richard J. Caruana
- Trumpeter 1:32 F6F-SN Big ED update
- » and more...



Issue 67 February '11

- Eduard 1:48 SPAD XIII 'Late'
- Special Hobby 1:48 Seafire
- ICM 1:48 Henschel Hs 126B-1
- Airfix 1:24 Mosquito in BOAC colours
- Wingnut Wings 1:32 Albatros D.V
- AZ Model 1:72 Gloster Gauntlet Mk II
- » and more...



Issue 68 March '11

- Airfix 1:72 Hurricane/Sea Hurricane Mk II
- Artek airbrush bench test
- Airfix 1:24 Mosquito p22
- Trumpeter 1:32 Sukhoi Su-26 Frogfoot
- HobbyBoss 1:72 Lynx HAS.3
- Fairey Fulmar by Richard J. Caruana
- » and more...



Issue 69 April '11

- The Airbrush Company desktop extractor system
- Great Wall Hobby 1:48 Fw 189
- 1:32 Wingnut Wings Sopwith Pup
- 1:32 Hasegawa & Trumpeter Bf 109F-4s
- Kawasaki Ki-45 Toryu by Richard J. Caruana
- » and more...



Issue 70 May '11

- HobbyBoss 1:48 Panavia Tornado F.3
- Focke-Wulf Ta 152C-0
- Zoukei-Mura 1:32 Ta 152H-1
- Airfix 1:72 Spitfire Mk I
- Trumpeter 1:32 F-8 Crusader
- RN Phantoms by Richard J. Caruana
- » and more...



Issue 71 June '11

- Special Hobby 1:48 Fiat G.55A
- Revell 1:32 Arado Ar 196
- Xtrakit 1:72 Spitfire F Mk 22
- Gloster Meteor F Mk 8 by Richard J. Caruana
- Hasegawa 1:32 Ki-61 into Ki-100 conversion
- Airfix 1:72 F-86 Sabre
- » and more...



Issue 72 July '11

- Italeri 1:48 Ju 87B
- 1:32 Hunter T Mk 7 - Fisher conversion
- Hasegawa 1:72 Heinkel He 111Z
- CMR 1:72 Sea Venom F Mk 20
- Eduard 1:48 Focke-Well Fw 190D-9
- Seversky P-35 by Richard J. Caruana
- » and more...



Issue 73 August '11

- Airfix 1:48 Spitfire Mk XII
- Swano-Morton modelling knives
- Hasegawa 1:48 P-40E w/ Big ED set
- Hasegawa 1:72 Ju 188
- D.H. Hornet & Sea Hornet by Richard J. Caruana
- Roden 1:32 Sopwith Triplane
- » and more...



Issue 74 September '11

- From 1:72 Videbeest
- Harder & Steendek Evolution CRplus airbrush
- HobbyBoss 1:48 F-14A Tomcat
- Revell/Hasegawa 1:32 Ju 87D w/ Big ED set
- HobbyBoss 1:32 B-2 Stormovik
- Fokker D.XXI by Richard J. Caruana
- » and more...



Issue 75 October '11

- Tamiya 1:32 P-51D Mustang
- Azur 1:72 Breguet 693
- Aermacchi MB.326 by Richard J. Caruana
- Trumpeter 1:32 F-100D
- CMR 1:72 Vampire NF.10
- Hippo Model 1:48 Gotha G.V
- » and more...



Issue 76 November '11

- 1:32 Revell Hawk T.1A
- 1:48 Mirage Hobby Halberstadt CL.II
- 1:32 Trumpeter A-4E
- 1:144 Minicraft RC-121
- N.A. F-86K by Richard J. Caruana
- 1:32 Revell He 111P
- » and more...



Issue 77 December '11

- Roden 1:32 Alcock D.H.2
- A double build of the Revell 1:72 B-17G
- Swano-Morton modelling knives
- Hawker Hunter P.1 by Richard J. Caruana
- HobbyBoss 1:32 Spitfire Mk Vb
- Italeri 1:72 C-27J
- From 1:72 P2L P24
- » and more...



Issue 78 January '12

- Fly 1:48 Roland D.Va
- Aoshima 1:48 Blue Thunder
- Sword 1:72 Fw 200T
- Eduard 1:48 MG-21MF
- Eduard 1:32 Bf 109E-1 B AlleyCat conversion
- SM.84 by Richard J. Caruana
- Wingnut Wings 1:32 D.H.9A
- » and more...



Issue 79 February '12

- Airfix 1:72 Harrier GR.7A/GR.9A
- HobbyBoss 1:48 TA-7C
- Oil wash Techniques Guide
- Hasegawa 1:32 J2M3 Raiden
- Italeri 1:48 Hurricane Mk I
- A-6 Intruder & EA-6 Prowler artwork
- Special Hobby 1:72 CA-12 Boomerang
- » and more...



Issue 80 March '12

- Fading colours with oil paint
- Trumpeter 1:32 P-51B Mustang
- Eduard 1:72 Grumman F6F-3 Hellcat
- Spitfire F Mk 22-24 by Richard J. Caruana
- Italeri/Kinetic 1:48 F-84F
- HobbyBoss 1:72 Kamov Ka-29
- Trumpeter 1:32 Bf 109G-6
- » and more...

Only
£4.20 (UK)
£5.25 (Europe)
£6.45 (World-wide)
 including postage

Subscribe now and never miss an issue!

For full details of every issue or to order online visit:

www.modelairplaneinternational.com

ORDER FORM - MAI

First name

Surname

Address

Post/zip code

Country

Telephone Number

Please debit my credit/debit card for £

Visa ☐ Mastercard ☐ Maestro ☐ other

Card No.

Expiry date..... Start date

Security Number (last 3 digits on signature strip)

Issue No (if applicable)

Please mail this form to:

ADH Publishing, Doolittle Mill, Doolittle Lane, Totternhoe, Bedfordshire, LU6 1QX, United Kingdom
Tel: +44(0)1525 222573 **Fax:** +44(0)1525 222574 **Online:** www.modelairplaneinternational.com
 (Photocopies of this form are acceptable)

Issues cost: UK: £4.20, Europe: £5.25,
 World-wide: £6.45 (inc postage)
 Cheques payable to: ADH Publishing Ltd.

Please send me issue(s)

Signature

Date

Tel: 01525 222573 - Email: enquiries@adhpublishing.com

The Electronic Revolution is here now!

A brand new way to enjoy Model Airplane International



At **PocketMags.com** you can purchase single issues and subscriptions of *Model Airplane International*.

Your **PocketMags** account allows you to read your purchased titles on your computer (PC or Mac).

To subscribe or buy single issues each month:

- ☐ Go to **www.pocketmags.com**
- ☐ Register with an email address and password
- ☐ Go to Scale Modelling under the section 'Leisure Interests' and then 'Model Airplane International'
- ☐ Here you can buy back issues or a subscription – and the prices are much lower than the paper edition and you get the magazine instantly.



The best in scale modelling!

For more information visit **pocketmags.com**

BUYERSGUIDEBUYERS

HANNANTS MODEL SHOP

Tel: 0208 205 6697 Fax: 01502 500521

Unit 2, Hurricane Trading Estate, Grahame Park Way, Colindale, NW9 5QW

OPEN 10.00AM - 5.30PM, THURS & FRI OPEN UNTIL 7.00PM

NO1 IN EUROPE FOR PLASTIC KITS AND ACCESSORIES
INCLUDING THE FULL RANGE OF TAMIYA (NOT RC)

email: sales@hannants.co.uk www.hannants.co.uk

1/2 MILE FROM RAF MUSEUM **MASTERCARD/VISA/SWITCH**

WWW.LITTLE-CARS.COM

Tel: 01234 711980 24hr answer phone

From tiny tweezers to sizeable spray booths!

We aim to stock all the tools and accessories you will ever need. Micro Mesh, Hold & Fold, Detailing Wire and Mesh, Aztec Airbrushes, Alclad II, adhesives.

TOOLS. ACCESSORIES. RESIN AND WHITE METAL CAR KIT SPECIALIST

Tameo, BBR, Studio 27, Model Factory Hiro, Marsh, PMA, Renaissance, Le Mans miniatures, Racing 43, SMTS, Midlantic, Formula and many more...

Buy direct or see us at your local model show

email: info@little-cars.co.uk CREDIT CARDS ACCEPTED

AVIATION & MILITARY BOOK CENTRE

Tel: 0845 260 4413

PO BOX 4413, ATHERSTONE, WARWICKSHIRE, CV9 9AS

AVIATION AND MILITARY BOOKS AND MAGAZINES

PHONE LINES OPEN 10AM-6PM MON-FRI, 10AM-1PM SAT-SUN
PHONE, WRITE OR VISIT US ONLINE.

sales@aviationbookcentre.com www.aviationbookcentre.com

MASTERCARD/VISA/SWITCH/PAYPAL/CHEQUES/CASH/POSTAL ORDERS

HALIFAX MODELLERS WORLD

Tel: 01422 349157

55 The Arcade, The Piece Hall, Halifax, HX1 1RE

ALL MODELS, ALL MAKES, ALL SCALES.

OPENING HOURS: MON, TUES, THUR 10.30-17.30, WED CLOSED,
FRI 10.30-17.00, SAT 9.30-17.00, SUN 10.30-16.30

www.halifaxmodellersworld.co.uk

Email: halifaxmodellersworld@fsmail.net

ADVERTISE HERE!

**THIS SPACE COULD
BE WORKING FOR YOU.**

**FOR INFORMATION,
CALL COLIN SPINNER
ON 01525 222573**

AVID READER

Tel: 01299 823 330 Fax: 01299 829 970

Unit 10, Hodfar Road, Sandy lane Ind Estate, Stourport On Severn, Worcestershire, DY13 9QB

**MILITARY, AVIATION, NAVAL, MODELLING,
RAILWAYS, CAR & MOTORCYCLE BOOKS**

9.30 - 4.30 MONDAY TO FRIDAY BY APPOINTMENT ONLY

WWW.BOOKWORLDWS.CO.UK

INFO@BOOKWORLDWS.CO.UK VISA/MASTERCARD/MAESTRO

THE AVIATION HOBBY SHOP

Tel: 01895 442123 Fax: 01895 421412

24 hour answering machine

4 Horton Parade, Horton Road, West Drayton, Middlesex UB7 8EA

HUGE STOCKS OF BOOKS, DECALS & KITS

FREE catalogue available - just give us a call

ALL MAJOR CARDS ACCEPTED - MAIL ORDER

AYRSHIRE MODEL CENTRE

Tel: 01292 886614

6a Newbridge Street, Ayr, Ayrshire, KA7 1JX

TAMIYA, DRAGON, MIG PRODUCTIONS, VALLEJO AND MANY MORE

OPENING HOURS: TUESDAY - SATURDAY 09.00 - 5.30 SUNDAY 11.00 - 4.00

www.ayrshire-model-centre.co.uk

WE ACCEPT ALL MAJOR CARDS

ADVERTISE HERE!

**IF YOU ARE READING THIS,
SO ARE THOUSANDS OF OTHERS!**

**FOR INFORMATION,
CALL COLIN SPINNER
ON 01525 222573**

WEBDIRECTORYWEBDIRECTORY

SCREEN PRINTERS Fantasy Printshop for Decals
Contact Ray Horwell
01208 77772
www.fantasyprintshop.co.uk
email: fantasyprintshop@btinternet.com

FREE WORLDWIDE AIRMAIL SHIPPING for Aires, Wolfpack, Legend and Isradecal, Lion Roar etc.
www.luckymodel.com

HOBBY COMPANY LIMITED
www.hobbyco.net

www.creativemodels.co.uk

www.eagle-editions.com
eagle@eagle-editions.com

www.tamiya.com

Squadron **www.squadron.com**
Your one stop shop for kits, accessories, paints, tools & books

Models R Go
Check out our NEW WEBSITE! **www.modelsrgo.co.uk**

ADH **www.adhbooks.com**
- Reference - Research -

next issue

So what's due next month? On sale 26th April 2012

F-84E

John 'Tigger' Wilkes builds the new 1:32nd kit from HobbyBoss



Valiant

Alan Price achieves the perfect low-vis scheme on the Airfix 1:72 kit

Technique #4

Pilot Figure Painting by John 'Tigger' Wilkes



Tornado IDS
by Richard J. Caruana

SAAB J 350
Building and detailing the Hasegawa 1:48 kit by Wolfgang Bugl



All of the above listed features are listed on a provisional basis only. We endeavour to bring you the above articles but the contents of an edition may be subject to change without further notification.

Model AIRPLANE
INTERNATIONAL

HOW TO CONTACT US:
Tel: 01525 222573
Fax: 01525 222574

E-mail: editorial@modelairplaneinternational.com

Model Airplane International, Doolittle Mill,
Doolittle Lane, Totternhoe, Bedfordshire,
LU6 1QX, England

VOL 8 ISS 81 APRIL 2012

EDITORIAL: Publisher: Alan Harman Group Editor: Marcus Nicholls
Editor: Richard A. Franks Artist: Richard J. Caruana Administration Manager: Hannah McLaurie
Office Manager: Paula Gray Advertisement Manager: Colin Spinner Advertising Sales:
Mark Peacock Advertisement Assistant: Joe Brown

ART: Editorial Design: James Upright Advertising Design & Website: Alex Hall

CONTRIBUTORS: Alan Bottoms, Steve A. Evans, Andy Ieronymides,
Carl W Robertshaw & John 'Tigger' Wilkes

EDITORIAL, ADVERTISEMENT AND CIRCULATION:
ADH Publishing, Doolittle Mill, Doolittle Lane, Totternhoe, Bedfordshire, LU6 1QX.
Tel: 01525 222573 Fax: 01525 222574 E-mail: enquiries@modelairplaneinternational.com

DISTRIBUTION: Seymour Distribution, 2 East Poultry Avenue, London, EC1A 9PT.
Tel: 020 7429 4000

NEWSTRADE: Select Publisher Services, 3 East Avenue, Bournemouth, BH3 7BW.
Tel: 01202 586840 E-mail: tim@selectps.com

SUBSCRIPTIONS/ BACK ISSUES: ADH Publishing, Doolittle Mill,
Doolittle Lane, Totternhoe, Bedfordshire, LU6 1QX. Tel: 01525 222573 Fax: 01525 222574
Rates: UK £41, Euro and Europe £54, Worldwide Air £67.
Website: www.modelairplaneinternational.com



Model Airplane International is published monthly by ADH Publishing Ltd, Doolittle Mill, Doolittle Lane, Totternhoe, Bedfordshire, LU6 1QX. Entire Contents © 2012 ADH Publishing Ltd. Reproduction in part or whole of any text, photograph or illustration without written permission from the publisher is strictly prohibited. While due care is taken to ensure the contents of Model Airplane International is accurate, the publishers and printers cannot accept liability for errors and omissions. Advertisements are accepted for publication in Model Airplane International only upon ADH Publishing's standard terms of acceptance of advertising, copies of which are available from the advertising sales department of MAI.

THE NEXT ISSUE OF MODEL AIRPLANE INTERNATIONAL IS ON SALE 26th APRIL 2012

82 Model Airplane International - April 2012

WorldMags.net

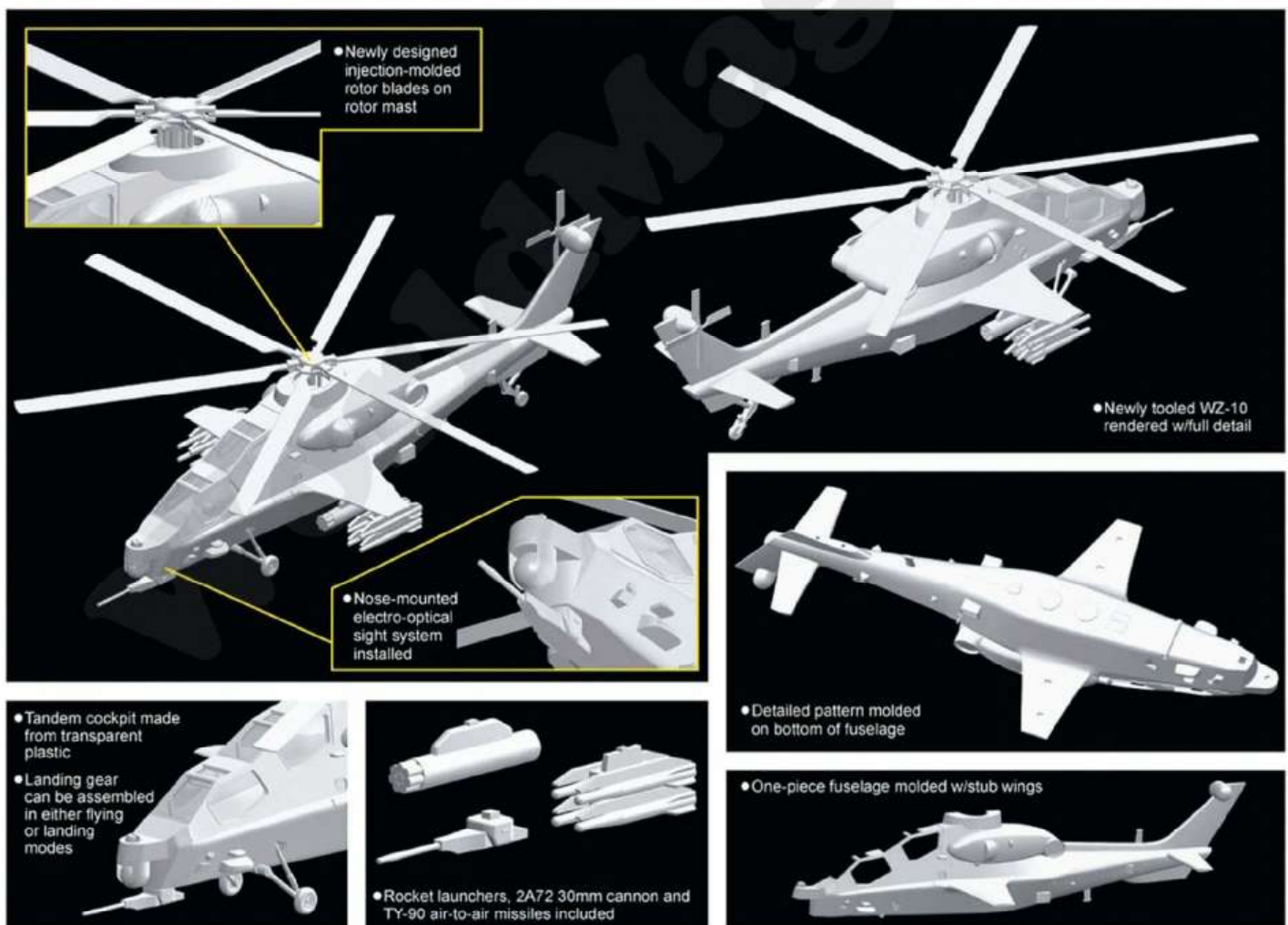
Model AIRPLANE
INTERNATIONAL

PLA WZ-10 Attack Helicopter

中国人民解放军 武直10 攻击直升机

1:144
WARBIRD SERIES

DRAGON



D4632

DRAGON

THE HOBBY COMPANY LIMITED

Dragon Kits are distributed in the UK by The Hobby Company Limited, Knowlhill, Milton Keynes, MK5 8PG

See the full Dragon range at www.hobbyco.net

Dragon models are available from all good model shops

www.hobbyco.net

PALM-SIZED SAMURAI

1/72 Scale Mitsubishi A6M5 (Zeke) Zero Fighter Item 60779



《Actual Size》
★Length: 126mm,
Wingspan: 153mm

1/72
SCALE

The Mitsubishi A6M Zero's status in Japanese aviation history is undisputed and Tamiya now offers the A6M5 variant, which served during the latter stages of WWII, in 1/72 scale form. This is Tamiya's first all-new 1/72 scale aircraft model in over five years and as modelers can expect, the A6M5's distinguishing details, including the refined engine cowlings, separate exhausts, and shortened wingspan, have been accurately reproduced. The 126mm long model consists of approximately 70 individual parts and each has been designed for ease of assembly. Such a detailed and well-engineered 1/72 scale Zero has never been more accessible and it will be a great addition to your WWII model flight line.

★The refined form of the A6M5 has been accurately reproduced. ★Features finely-engraved panel detail.
★Parts included to depict both open and closed canopies. ★330-liter drop tank and 3 marking options included.



Realistic engine compartment.



Highly-detailed cockpit.



Landing gear wells feature realistic depth.



MITSUBISHI A6M5 (ZEKE)
ZERO FIGHTER

Legends Big & Small

Tamiya also offers 1/32 scale A6M Zero models which come with complete engine and cockpit detail as well as retractable landing gear. In the 1/48 scale, Tamiya offers a range of models which correspond to the Zero's main production variants.



Mitsubishi A6M5 Model 52 Zero Fighter Item 60318



Mitsubishi A6M2b Model 21 Zero Fighter Item 60317



Mitsubishi A6M2b Zero Fighter
Item 61016



Mitsubishi A6M3 Zero Fighter
Item 61025



Mitsubishi A6M5c Zero Fighter
Item 61027



Mitsubishi A6M5/5a Zero Fighter
Item 61103



Mitsubishi A6M3/3a Zero Fighter
Item 61108