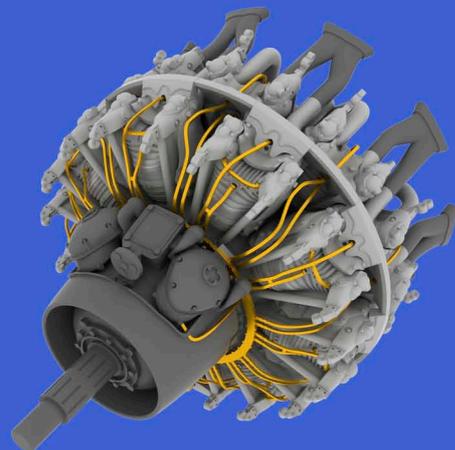


INFO EDUARD

VOL. 12 • ISSUE 6 • JUNE 2012



HISTORY

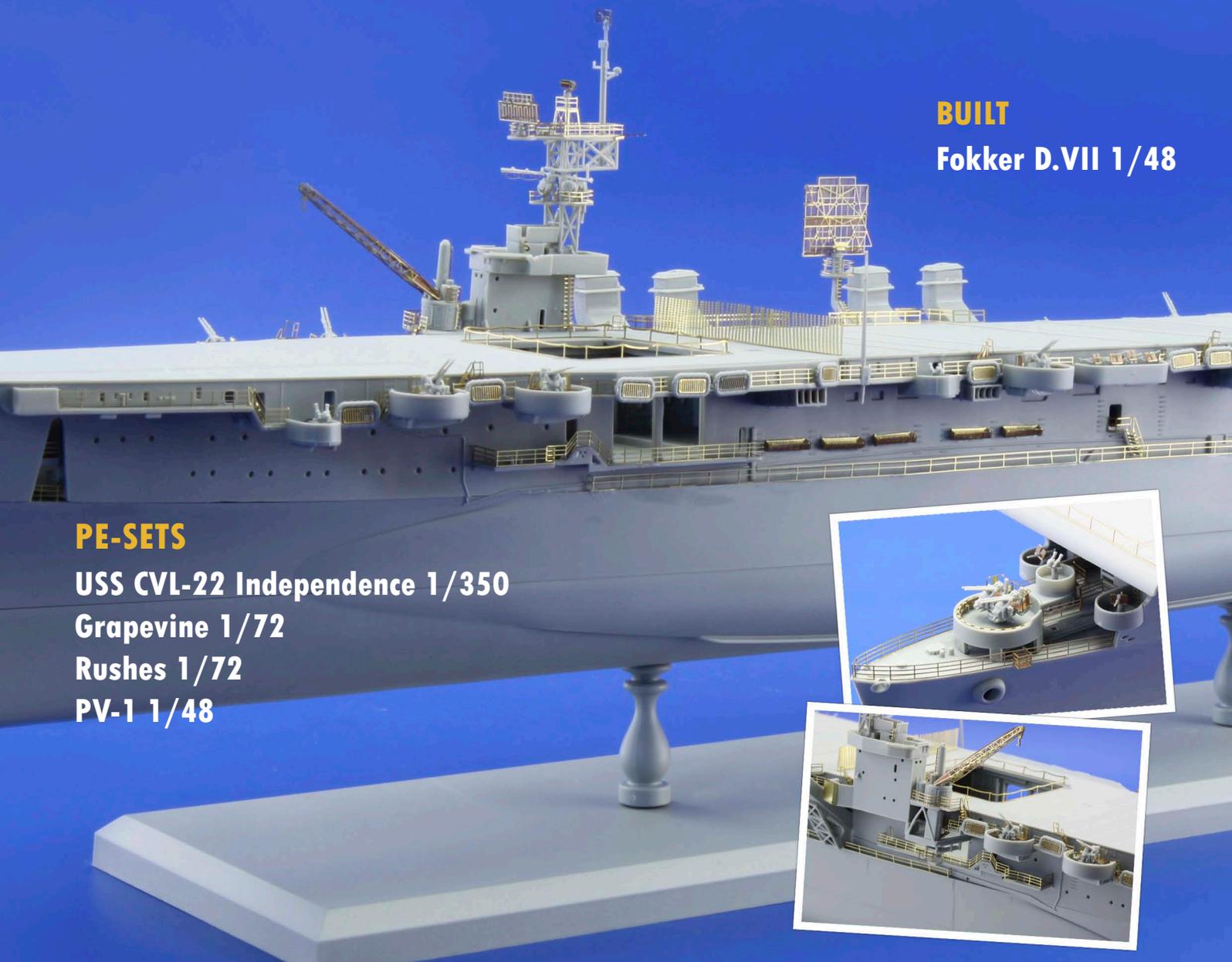
Flugzeugmaschinengewehr MG 17

BRASSIN

R-2800-31 engine
1/48

BUILT

Fokker D.VII 1/48



PE-SETS

USS CVL-22 Independence 1/350

Grapevine 1/72

Rushes 1/72

PV-1 1/48

INFO EDUARD

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Editorial and Graphics - Marketing department, Eduard-Model Accessories, Ltd.

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July 2012



eduard

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EDITORIAL



Seems like anniversaries are followed by anniversaries, with tomorrow's that of 'The Invasion', and last week we celebrated the 70th of the assassination of Reinhard Heydrich. Intellectual tendencies, high intellect, and excellent managing skills. An incredibly capable man, and its easy to marvel at all he was able to accomplish. In an analysis of his accomplishments, one cannot, of course, avoid using the word 'BUT...'. He would not be lost in today's world, and would achieve celebrity status. People of his managerial skills fill many governing and corporate buildings, only the times have changed, and such drastic methods as those of seventy years ago are no longer used, nor needed for that matter. Back then, there was no other recourse in the attempt to get rid of such a productive tyrant other than to toss the grenade after the Stengun failed for whatever reason. This is no longer the time of assassination, even though many have not come to that conclusion yet, and such measures as assassination, civil disobedience, and revolution are a last resort. Our civilization prescribes different methods of proceeding, as can be witnessed for example in the case of ex-governor Rath, which are also effective. What is the common denominator in all cases is that the temptation to shoot personalities that are supremely narcissistic and self righteous

to the point of considering themselves almighty must be tempered with solid social bravery and determination, quality assessments of justice, and supreme patience. It also applies that by the time these types come to the end of their journey, they can, and do, cause huge amounts of often irreversible damage. Damaging and evil mechanisms that are put in place by such individuals can remain in tact long after their originators have departed. That will always be the way. Both of the above examples show, however, that the fight against evil has significance, and despite often situations of deep hopelessness, must continue.

By the way, many modelers ask me if we will ever release a Bf 109E edition with Heydrich's markings. Forgive me if I am repeating myself here, but this would be an unacceptable commemoration for us. An evil entity such as that of Heydrich could only be 'honored' in a way as to pay tribute to the brave men who rid the world of him and his incredibly effective 'managerial skills' that imprisoned over a million souls.

I took part in an radio interview. I am hoping that my simple English skills were understandable. I thoroughly prepared myself for the inevitable question of my reaction to periodic negative internet traffic, but as the world goes 'round, the question never came up, or I simply missed it. In any case, I was a bit disappointed, because it is something I have thought a lot about, and, amazingly enough, it is something that I formulated an opinion about. I was a bit sorry over not expressing it to anyone, so I will at least print it here, in our newsletter. In my opinion, the sporadic negativism is often legitimate and even positive input from customers to the manufacturers. Often, manufacturers commit such crimes of minor to major proportions such as small wheels, larger cockpits, various dimensional mistakes, lousy moldings, and ejector pin marks that often ruin an otherwise nicely detailed part. And then these pieces of crap are offered up to customers for unreal sums of money. And if the customer doesn't like it, there is the usual attempt to convince him (or her) that this is the way it is, it is correct, and that it is ultimately for the customer's own good. And yes, we, here at Eduard, have had similar tendencies. After all, we are only people, too. Customers, though, are not sheep, and they do try to protect themselves.

When the frontal approach fails, they fall back on resistance in the anonymous safety of the internet forum. It is a kind of customer guerilla warfare. I really don't see much wrong with that, and I admit to having the same type of tactic in me at times. For example, my coffee maker has stopped working properly. Try as I may, it only grinds what it feels like, not very well at that, and does not properly brew my coffee despite having its reservoir full of a 'Fair Trade' blend of Central American beans. I've taken the bugged apart and cleaned it three times, and no change. You have no idea of how badly I'd like to pull out my virtual Stengun, and send that bastard to meet its maker. For the money I spent on it, it certainly could not be considered unreasonable to expect it to work for more than six months! In any case, I keep telling myself that for a reputable manufacturer this is nothing bad, because the strength of the internet guerilla tactic lies in its use against manufacturers who commit sins. Not that sometimes the truly innocent won't incur any wrath from time to time. That's to be expected in that type of warfare. The manufacturer of my coffee processor and maker has a very good reputation, but the worse manufacturers should get it much worse, which should apply across the board.

On June 6th, we will begin selling our Frog themed Frogfoot, the 'Su-25K in 1/48th Limited Edition', to put it in the official lingo of our marketing department. This is an action that we have never quite done before, and probably never will again. We were able to secure, and please don't ask how, 230 kits of the ex-KP 1/48th scale kit. We added resin, and especially decals. To the original markings we added two well known, if not outright famous, and especially attractive options. One is the Czech 'Frogger' marking, and one Slovak. With respect to the Slovak machine, it is not entirely clear what animal is actually depicted on the aircraft. Most likely it is a buffalo or a wisent, but commonly among people here, it is a bison. I guess there can be plenty of argument over whatever the differences are or aren't, as the case may be. We just basically have been calling him 'the bull'. In any case, it's a very cool rendition. Along with the kit, there is also the inclusion of a tee shirt, of the 'Frogger', from 'Rezava Vrtule' (the Rusty Propeller) firm. The box will be white with no label, and also included will be two stickers with the same



design as on the shirt. What the modeler does with the stickers is up to the individual. I would assume one will be stuck on the box, and the other on the fridge. Of course, take that as a recommendation only, and not some kind of law! As I said, there are only 230 of these kits in existence, and I will be confiscating two of them, making only 228 available. The price is not cheap, because it factors the exclusiveness of the kit into itself. Sale of the kit will begin on our website on June 6th at 19.00 CET, and will continue til stocks are gone. That the kit will only be available at www.eduard.cz goes without saying.

The 'Frogger' is kind of the 'icing on the cake' of our June offerings, that even without it would have to be considered lively and widely appealing. The main item to draw your attention to is the 1/48th scale Bf 109E-4, one of the best known 109 versions. The passion surrounding the original release has subsided, and now we can all look at the quality of the kit for what it is. Noteworthy too are the collection of Brassin kits offered this month, which include two engine sets, a DB 601A/N made for the aforementioned Emil, and a PW-2800-10 for the P-61. Another set covers the MG 17 guns, also for our Bf 109, which then represents an unprecedented quantity of quality offered for a kit of our own production. The fourth Brassin set offers the fuselage mounted MG 131 machine guns for the Fw 190 that are very attractive if not downright adorable, if it is, in fact, possible to say something like that about a machine gun. We plan on paying a lot of attention to such weapons in the future, and not just German ones, either. Another BIG SIN is also being offered this month, this time for the MiG-21MF of the later series. It should be noted that all of the Brassin sets are in 1/48th scale. Attention should also be turned over to the photoetched sets offered, which is dominated by four sets for the new PV-1 Ventura from Revell. There are other little morcels, too, which will appeal to AFV modelers with four sets for the M-1151 EAC.

The sets for the Ventura are relatively rapid responses for a newly released kit by our standards. We would like to mimic this trend with other newly released kits. About a week ago, the new 1/32nd scale Mitchell landed at our firm, and the basis of the sets is being developed, and these should be ready in August along with sets for the new 48th scale Il-2 and 35th scale Elefant (both from Tamiya). From this, it can be deduced that August will be an eventful month.

So, that covers June and a bit of August, so what about July? July tends to be a lean month. People get a bit lazy, go on holidays, and they do little and buy even less. I myself have signed up for an intensive July course to continue learning Japanese. I have several personal reasons to that end, among them an attempt to better understand the Japanese, their soul, and their decision making mentalities. I can't understand why Tamiya is releasing the Sturmovik. Maybe it's only because I am not a 'Russomaniac'. We've got our own agenda for June, and we are rather intensively working

on our 72nd scale Bf 110E. The plan is that this kit will be our 72nd scale masterpiece, with associated set releases to be made simultaneously. So, along with the model, there will be a release of a standard photoetched set, an etched ladder, two Brassin sets covering nose cannon and wheels, and decals offering four additional marking options. It is hoped that we will be able to offer you this model and accessories through June. We will be using the modeler-popular site Facebook. We recommend to all interested, and especially to all staunch conservatives, to monitor the progress of this kit on Facebook, because it will be some kit! It this not only applies to fans of 1/72nd scale. For those who tend to gravitate to 48th, there are the Lightnings. Admittedly not our own creation (all in good time...) But a re-edition of the Academy kit, but still a kit worthy of attention. I must admit that I too was guilty of underestimating this kit, but was gradually convinced as the kits fell together with the addition of decals and resin. The combination of now aged but still very respectable plastic parts, five attractive noseart options on the decal sheet printed by non other than Cartograf, a Brassin cockpit, wheels and superchargers (well...the visible parts, anyway), photoetched brass, and beautiful boxart all come together to produce what is, in my opinion, our most noteworthy Limited Edition release to date. The first Lightning kit, 'The P-38J Over Europe', will be produced in significantly more numbers than the 'Frogger', but I will not be surprised if all 1500 units are still here in a week, as has often been the case with this line.

All of this can be found in this month's newsletter. Although its quite full, I would also like to draw

your attention to the 'Built' section that covers the Fokker D.VII. It was built by a young lady named Sylvia Koberger. The interesting story depicted on the fuselage side represents a story of seven dwarfs, depending on your translation. It's a relatively depressing story with a bad ending. I would recommend it to anyone that subscribes to the notion that the best is behind us, and it's all downhill from here. Optimists and realists need not apply! I proudly consider myself to be trained in classical literature, and so I understand quite well Snow White and Sleeping Beauty with their respective morals, but this story really is a kick in the head. The pilot who had it so well depicted on the side of his aircraft was either blessed with exceptional intuitive vision or was a manic depressant. One does not exclude the other, and in keeping with actual historical progression, both could be considered to be true.

And to finish off, a note about decals. A while back, we released several sheets that will be recalled by those who are able to remember. Decals are now, after some fifteen years, making a comeback in our portfolio with the offer of two new sheets. Contrary to the initial ones back then, these are not only designed by us here, but also are printed here. We feel that our decals, along with all that we learned in printing them, have something to offer. How well they compare to the best out there will be a matter of personal opinion, but they are quite easy to work with, and are true to actual markings on actual aircraft. Hopefully, that will be enough to make them attention worthy.

Keep on Modeling!
Vladimir Sulc



Su-25K

LIMITED EDITION

1/48 Cat.No. 1178

Kit will be available
for order from 6th June
2012. 230pcs available
only on Eduard Store!



Limited edition Su-25K based on OEZ/KOPRO plastic parts in 1/48 scale

The previous Eduard limited edition of this kit (cat. No. 1150) was sold out very quickly.

The actual super limited edition of 230 pieces only contains:

- All parts like plastic
- Brassin accessories
- PE and painting mask
- Also as the decal sheet like the previous limited edition

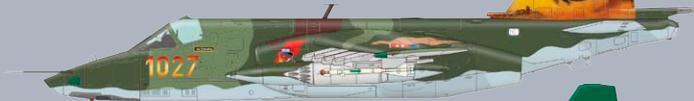
As a special addition to this release you will find decals with two more fascinating markings:

- With the Bison (plane No. 1027 in Slovak)
- And with the Frog (plane no 9013 in Czech service)

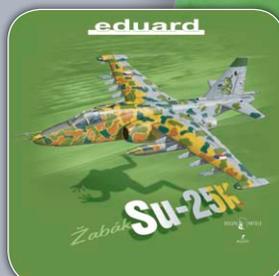
This release contains also a limited edition t-shirt featuring the „Frog“ Su-25 prepared exclusively for this release by cooperation of Eduard and the famous aviation t-shirt manufacturer Rezava vrtule (Rusted Prop).



Su-25, Czechoslovak Air Force, 30th Combat Air Regiment, Zatec airbase, summer 1992



Su-25K, Slovak Air Force, 1st Combat Flight, 2nd Composite Regiment, Trencin airbase, 1993



BUY Su-25K 1/48

Bf 109E-4

ProfiPACK

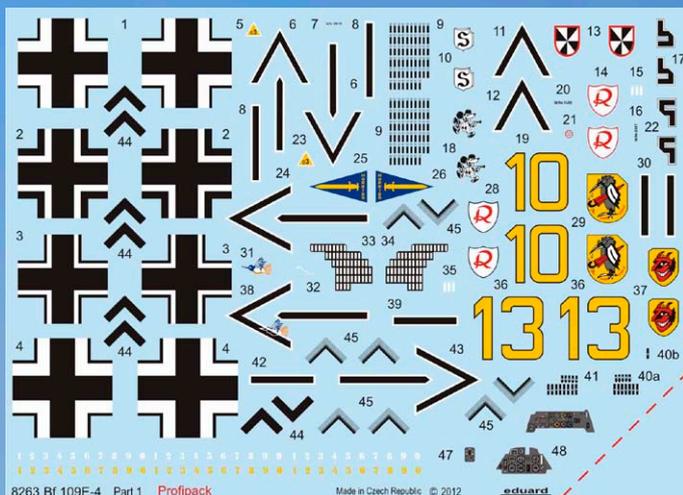
1/48 Cat.No. 8263

A ProfiPACK edition of 1/48 scale plastic kit Bf 109E-4 contains plastic parts, color photo-etched parts and painting mask allowing to build one of the four Messerschmit 109 in the E-4 version.

Decal sheet, designed by Eduard and printed by Cartograf features five colorful markings.

Actually released Eduard Brass sets 648059 – DB 601A/N engine and 648059 Bf 109E MG 17 mount can be used also for this one particular kit.

The same applies for the actually released decal sheet D48011.



8263 Bf 109E-4 Part 1 ProfiPACK

Made in Czech Republic © 2012

eduard



W.Nr. 5344, Maj. Helmut Wick, Geschwaderkommodore JG 2, Beaumont, France - November 1940



W.Nr. 5587, Ofw. Fritz Beeck, 6./JG 51, Wissant, France – 24 August 1940



Lt. Josef Eberle, 9./JG 54, The Netherlands – August 1940



W.Nr. 1480, Oblt. Franz von Werra, Gruppenadjutant II./JG 3, Wierre-au-Bois, France - 5 Sept. 1940



W.Nr. 5819, Obstlt. Adolf Galland, Geschwaderkommodore JG 26, Audembert, France – Dec.1940



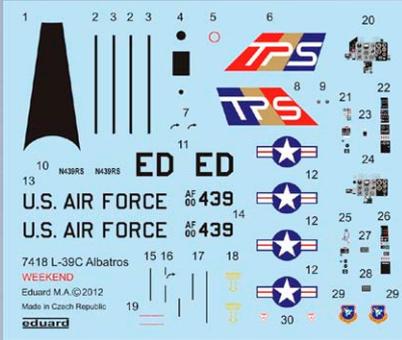
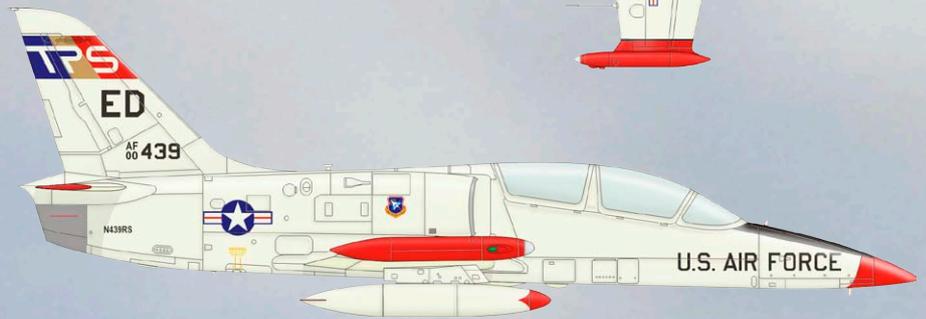
BUY Bf 109E-4 1/48



L-39C Weekend

1/72 Cat.No. 7418

The Weekend edition brings you the cheap variant of Eduard kit L-39C, 1/72 scale. User friendly decals in high quality are designed and printed by Eduard and covers very unusual and attractive camo scheme for L-39 use by the USAF, This kit, in very fair price, contains neither photo-etched set, or the painting mask.



BUY L-39C 1/72 



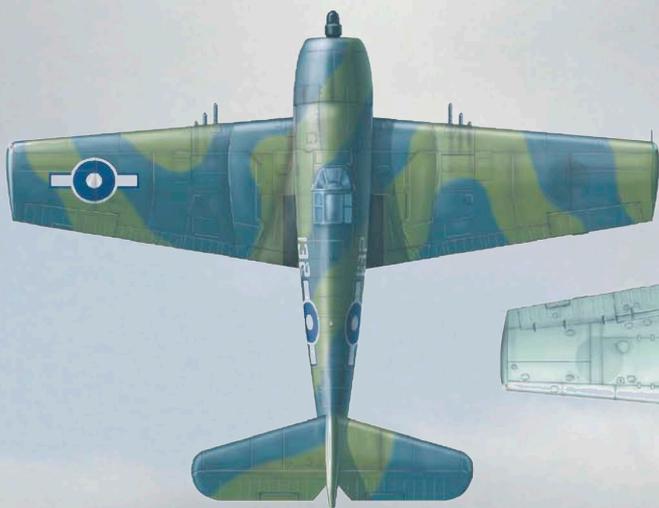
<http://www.hitechweb.genezis.eu>

Hellcat Mk.II Weekend

1/48 Cat.No. 84134



The Weekend edition brings you the cheap variant of Eduard kit Hellcat Mk. II (in the Royal Navy service), 1/48 scale. User friendly decals in high quality are designed and printed by Eduard and covers camo scheme for a Mk.II JX814, 1844 Sqn FAA, Sub-Lieutenant W.M.C. Foster, HMS Indomitable, Okinawa, 12 April 1945. This kit, in very fair price, contains neither photo-etched set, or the painting mask.



BUY Hellcat Mk.II 1/48 

No.1844 Sqn FAA,
Sub-Lieutenant W. M. C. Foster,
HMS Indomitable, Okinawa, April 12, 1945

WE RECOMMEND: R-2800-10 (648056)

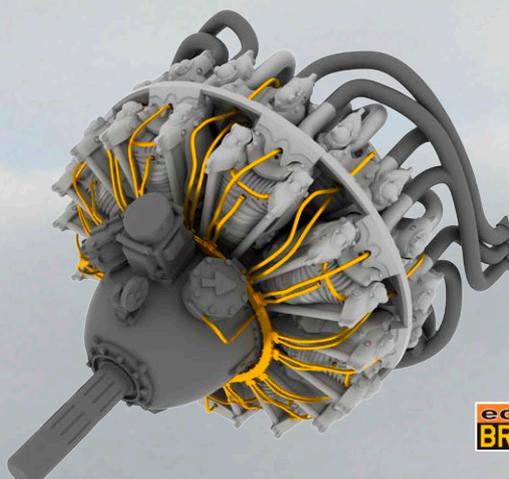
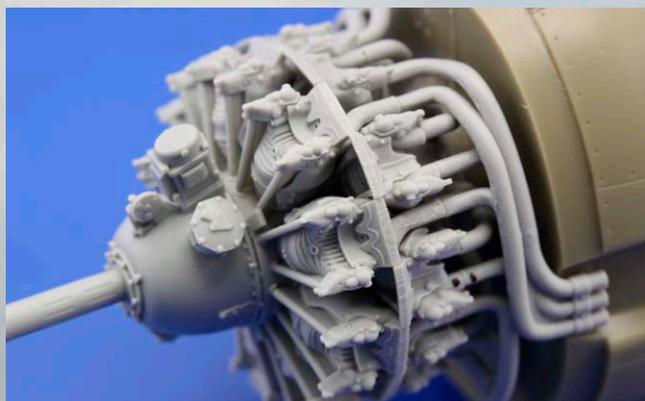


PHOTO-ETCHED SETS

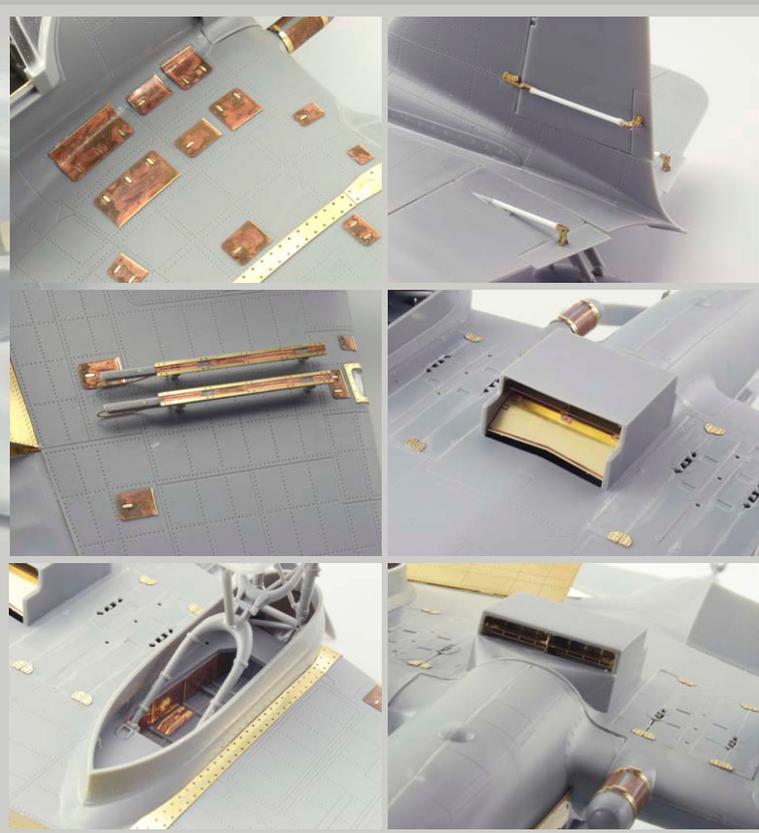
SELECTED*

The quarter sets are simply the top of our July collection, with five sets for new PV-1 Ventura in the center. Note there are four sets in the standard PE production, and the fifth one is released in ZOOM line. Two sets for A-6 Intruder of the Kinetic complete the A-6 sets released in May. 1/32nd line brings two sets for IL-2m3 and two

sets for F-84G. 1/72nd scale is here with two sets for F-14 (HB) and interesting one for EA-18G. Which is absolutely not all. There are two new carrier deck sets, designed for all the model builders who want something nice under their kits. Two 1/72nd scale vegetable sets are very pretty and it is expectable these sets will be as

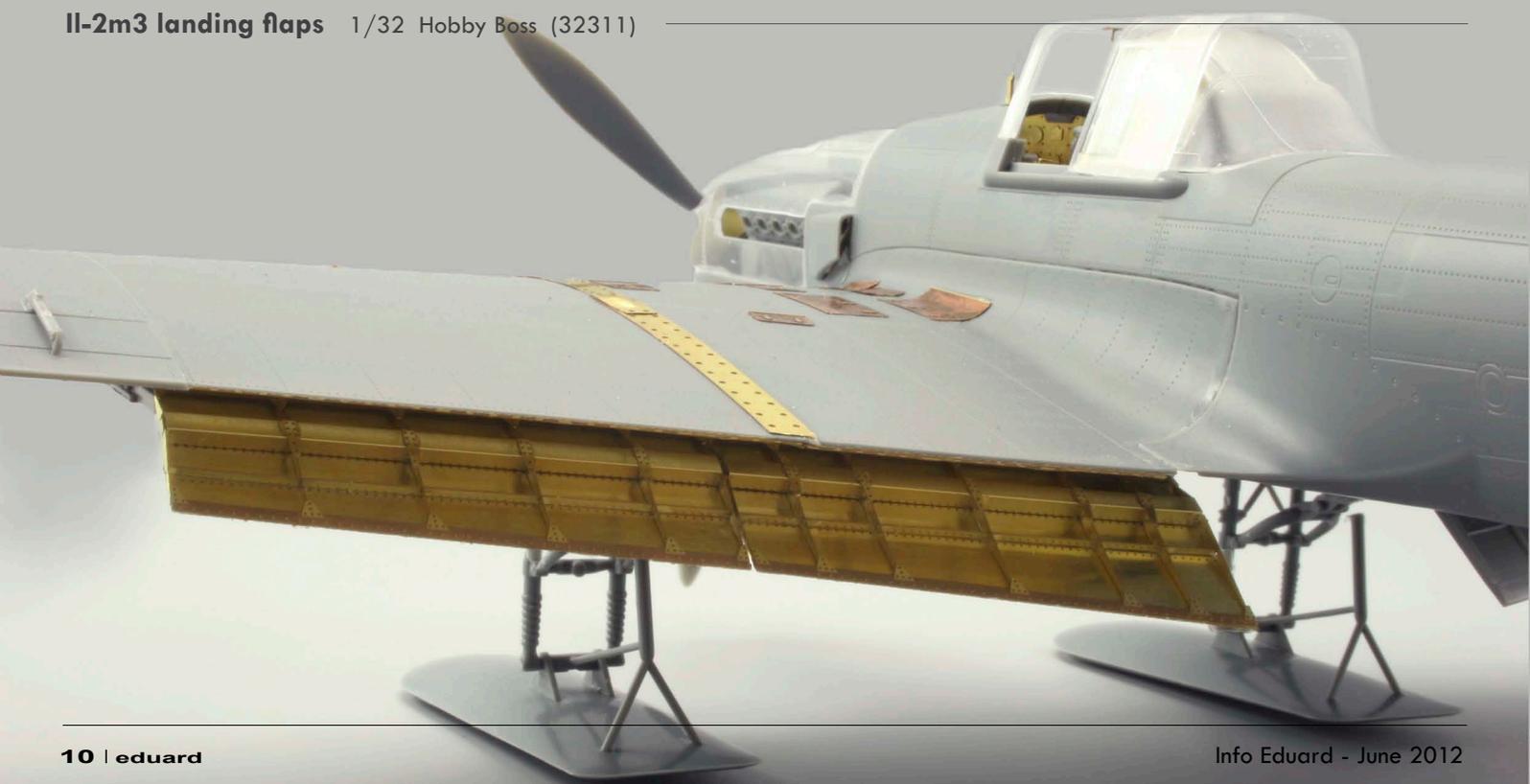
successful as their older brothers in 1/35th scale. And, speaking 1/35th scale, check the four sets for M-1151 EAC too. There are also four ship sets, and it is impossible to forget three new Big Ed sets.

Il-2m3 exterior 1/32 Hobby Boss (32312)



* For whole current photo-etched sets production see page 22.

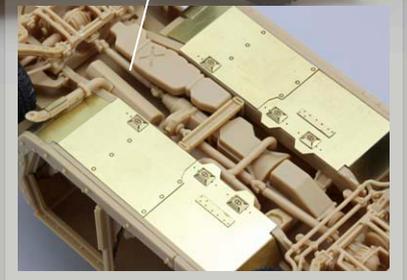
Il-2m3 landing flaps 1/32 Hobby Boss (32311)



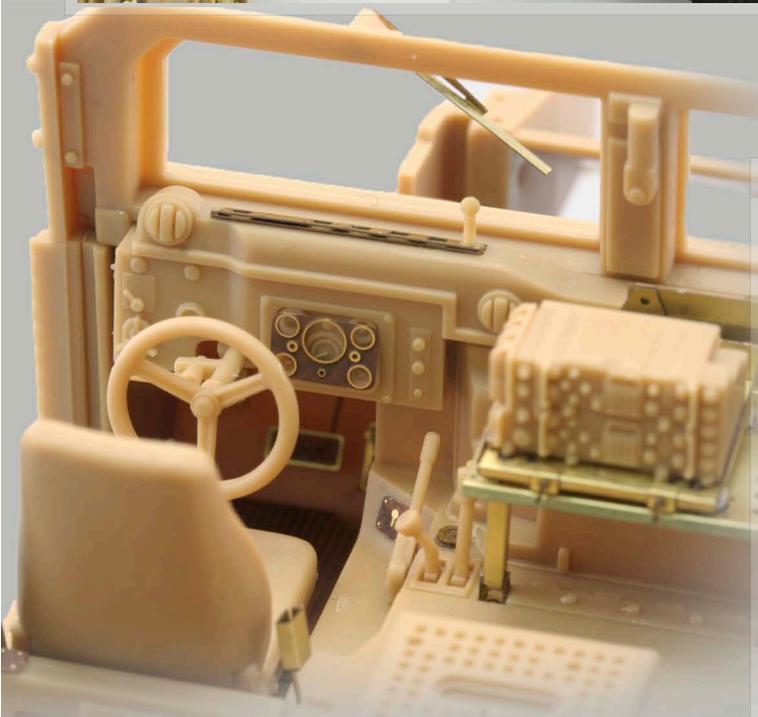
M-1151 EAC exterior 1/35 Academy (36202)



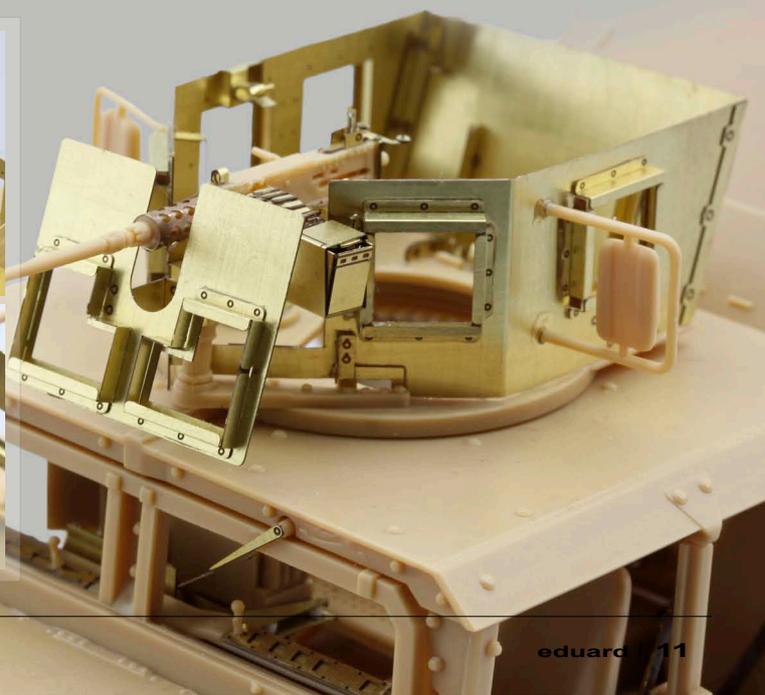
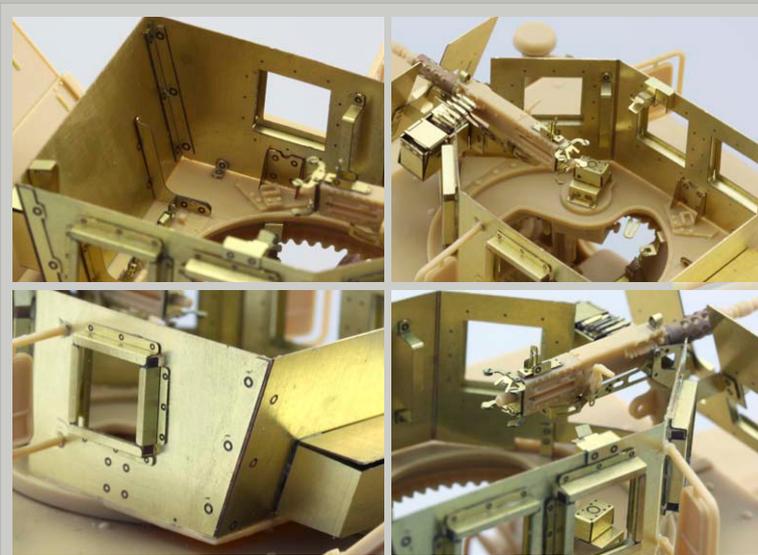
M-1151 EAC
underbody
protection FRAG2
1/35 Academy
(36209)



M-1151 EAC interior 1/35 Academy (36209)



M-1151 EAC OGPK overhead cover 1/35 Academy (36212)



PE-SETS

PV-1 exterior 1/48 Revell (48721)



PV-1 undercarriage 1/48 Revell (48734)

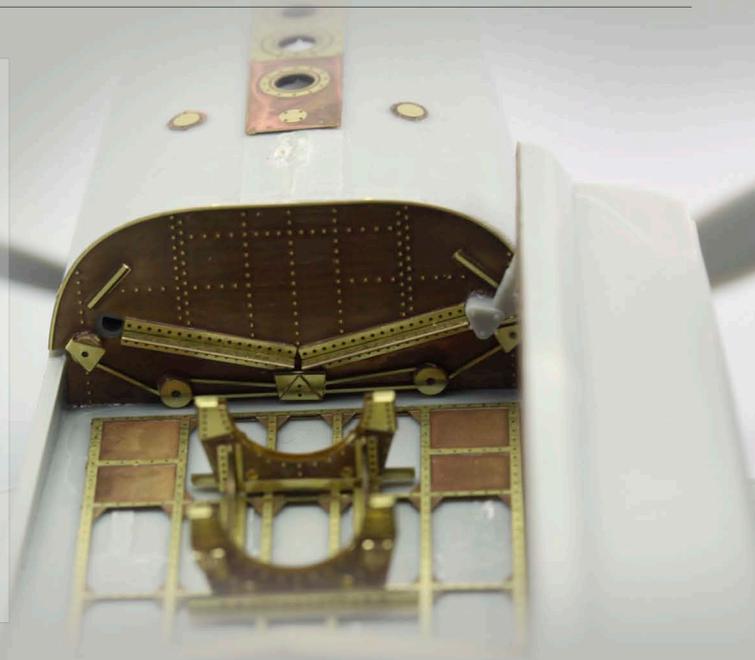
* For whole current photo-etched sets production see page 22.



PV-1 interior S.A. 1/48 Revell (49598)



PV-1 bomb bay 1/48 Revell (48736)



A-6 electronic equipment 1/48 Kinetic (48730)



PE-SETS

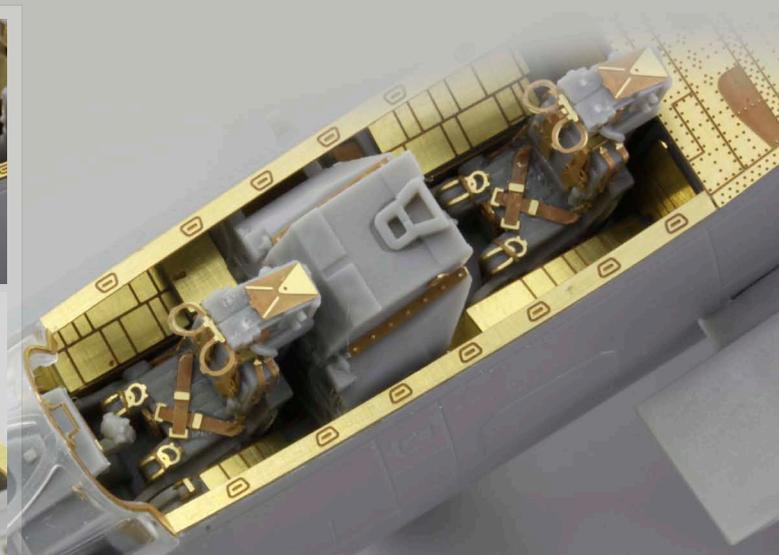
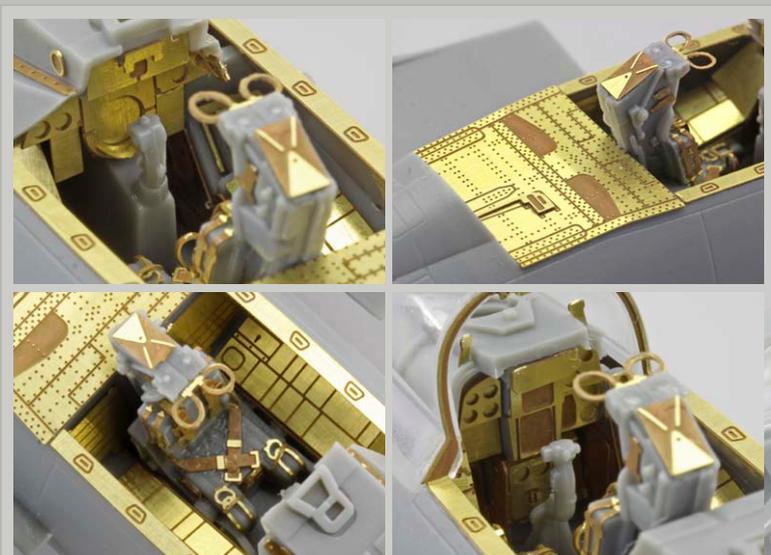
A-6 wing fold 1/48 Kinetic (48732)



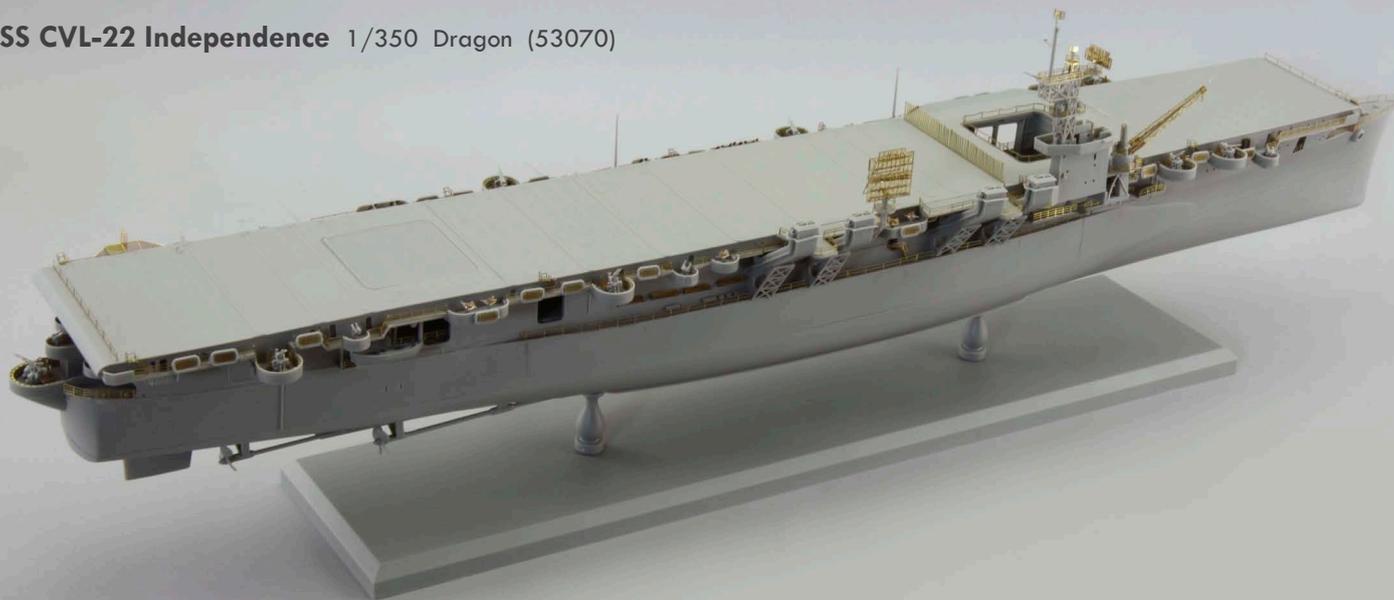
F-14A exterior 1/72 Hobby Boss (72526)



F-14A interior S.A. 1/72 Hobby Boss (73405)



USS CVL-22 Independence 1/350 Dragon (53070)



Grass, rocks, walls, spreadings and euro coin are not included in Eduard products.



1/72



not only... **Grapevine**
colour photo-etched sets

I've build these small dioramas for you, with Eduard's grapevine, rushes (released this month) and other color PE details. Whether or not was my first try successful, is up to your decision :-)

Katharina

Used:

Wild Flowers,
Butterflies - colour 1/35 

Fauna - water animals/
fish - colour 1/35 

BUY Grapevine/vinná réva colour 



1/72

... and also **Rushes**
colour photo-etched sets

BUY Rushes/rákos colour



* For whole current photo-etched sets production see page 22.

All sets included in this BIG ED are available separately, but with every BIG ED set you save up to 30%.

BIG ED



49573 Sea Vixen FAW.2 S.A. (BIG4968)



48723 Sea Vixen landing flaps, folded wing (BIG4968)



48711 MiG-21SMT exterior (BIG4969)



32292 Spitfire Mk.XVIe landing flaps (BIG3315)

BIG4968 SEA VIXEN FAW.2 1/48 AIRFIX

BIG4969 MiG-21SMT 1/48 EDUARD

BIG3315 SPITFIRE Mk.XVIe 1/32 TAMIYA

BIG4968 SEA VIXEN FAW.2 1/48 AIRFIX

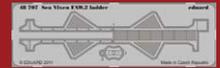
49573 Sea Vixen FAW.2 S.A.



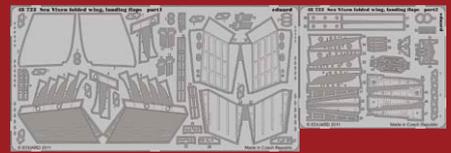
49589 Sea Vixen FAW.2 seatbelts



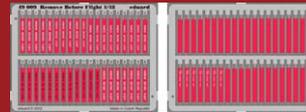
48707 Sea Vixen FAW.2 ladder



48723 Sea Vixen landing flaps, folded wing



49009 Remove before flight



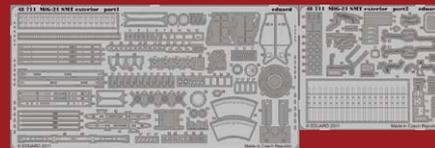
EX335 Sea Vixen FAW.2



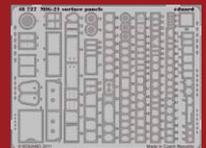
BIG ED collection for the Airfix 1/48 SEA VIXEN FAW.2 contains six PE sets covering exterior, interior, seatbelts, landing flaps, folded wing, ladder, Remove before flight tags and a painting mask.

BIG4969 MiG-21SMT 1/48 EDUARD

48711 MiG-21SMT exterior



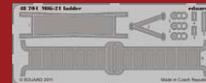
48727 MiG-21 surface panels S.A.



49576 MiG-21SMT interior



48704 MiG-21 ladder



48703 MiG-21MF accessories



EX337 MiG-21MF



BIG ED collection for the Eduard 1/48 MiG-21SMT contains six PE sets covering all the important model details for exterior, interior, surface panels, ladder, external accessories, and a painting mask.

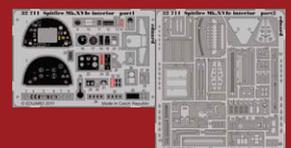
The model for which this set is appropriate was awarded by the "Model Of The 2012 Year" by Modell Fan Magazine and IPMS Germany. The Flieger Revue Magazine awarded the same kit family by the Prize for Innovation of 2011 year.

BIG3315 SPITFIRE Mk.XVIe 1/32 TAMIYA

32287 Spitfire Mk.XVIe exterior



32711 Spitfire Mk.XVIe interior S.A.



JX129 Spitfire Mk.XVIe



32292 Spitfire Mk.XVIe landing flaps



32722 Spitfire Mk.XVIe seatbelts



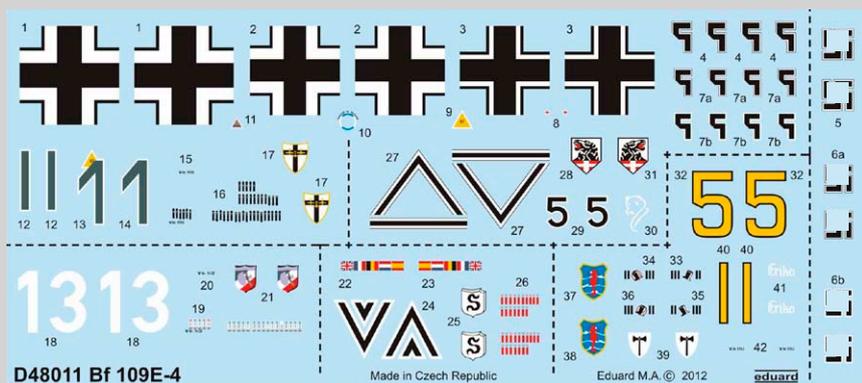
BIG ED collection for the Tamiya 1/32 SPITFIRE Mk.XVIe contains five PE sets covering all the important model details for exterior, interior, seatbelts, landing flaps and a painting mask.

EDUARD DECALS ARE BACK!

D48011 Bf 109 E-4 1/48

Decal set for Eduard 1/48 Bf 109E-4 contains five attractive markings.

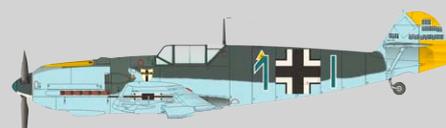
[BUY Bf 109E-4](#)



Black <15, II./JG54, Arad airbase, Romania, 1941



W.Nr. 1432, White 13, Walter Oesau, 7./JG51, France, summer 1940



W.Nr. 1559, Green 1+1, Walter Oesau, III./JG3, France, fall 1940



<<; Hptm. Rolf Pingel, I./JG 26, France, September, 1940

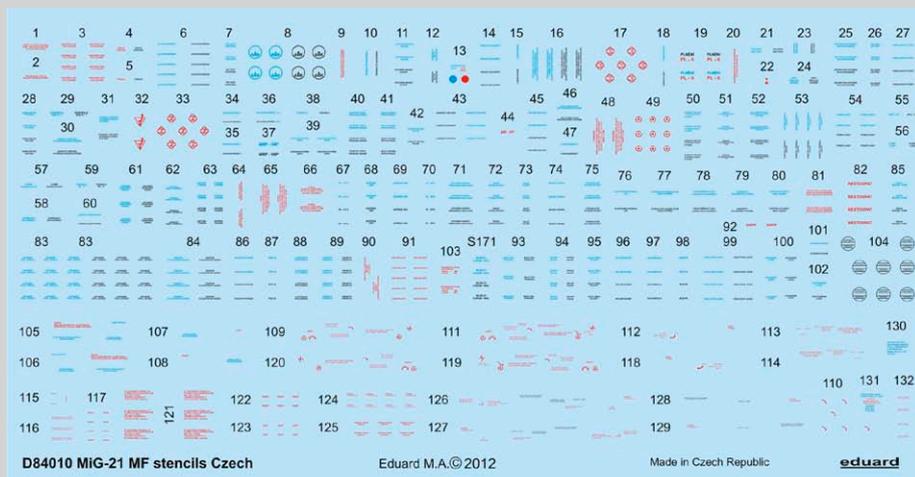


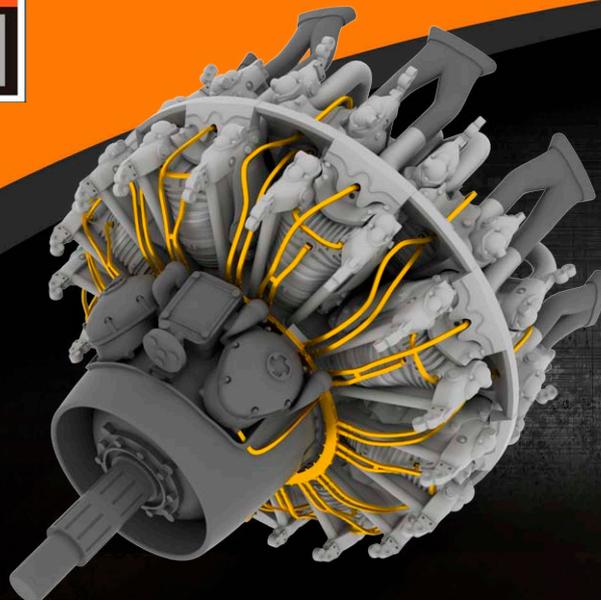
W.Nr 5153, Yellow 5, Hptm. Egon Troha, 9./JG3, France, October 29th, 1940

D48010 MiG-21 stencils Czech 1/48

An extended set contains instruction and maintenance stencils for MiG-21MF in Czechoslovak and Czech service (focused to Eduard kit) in red, black and blue color. These stencils are for airplane surface, underwing pylons, racks and external fuel tanks.

[BUY MiG-21 stencils Czech](#)





648066

R-2800-31 engine for P-61A
1/48 Great Wall Hobby

This set is focused to P-61A Black Widow in 1/48 scale by Great Wall Hobby. Set consists of 16 resin parts and photo-etched fret. The engine block is molded separately, also as each cylinder and air intake. The propeller reducer is separate as well. The front engine cowling consists from static front round part and three extremely thin removable parts supported by photo-etched fittings (internal side), not at last, also the cowling flaps assembly is included.

BUY R-2800-10 engine for P-61A

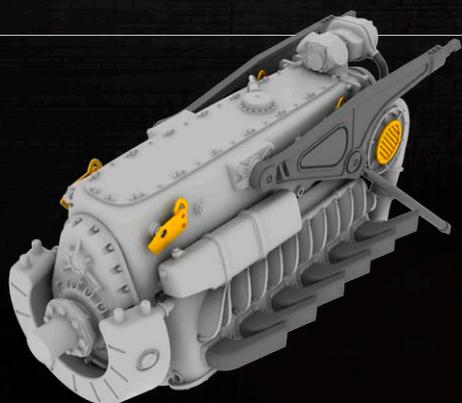
648065

MG 131 for Fw 190
1/48

This set is focused to Fw 190s by any manufacturer in 1/48 scale. The MG 131 13 mm caliber machine guns were used in Fw 190 as the fuselage weapon since the A-7 version onward (A-8, A-9, D, F-8; G-8). Set consists from 2 resin machine guns (the gun body with barrel) with extreme detailed surface. Any additional accessories like weapon feeders, ammo boxes or mounts (individual for each aircraft) are not included.



BUY MG 131 for Fw 190



648059

DB 601 A/N engine
1/48 Eduard

This set is focused on Bf 109E in 1/48 scale by Eduard. Set consists of 18 resin parts and photo-etched fret.

This set contains the main engine block with all its aggregates like injection pump, primer, propeller reducer, fittings, tubes, filters, etc. The engine housing is made very thin, so with the photo-etched internal structure details it looks very realistic.

BUY DB 601 A/N engine

648060

Bf 109E MG 17 mount
1/48 Eduard

This set is focused on Bf 109Es by Eduard in 1/48 scale. The MG 17 machine guns were used in Bf 109s as a fuselage weapon since E-1 till G-4 versions. Set (contains 8 resin parts and PE fret) consists from two machine guns, their supports and all accessories including ammo boxes. Separate gun-mount housing is made extremely thin. As a bonus you can find in this set two ammo boxes for external use (outside of the aircraft for dioramas, etc.).



BUY Bf 109E MG 17 mount

MiG-21 MF LATE



SIN64803

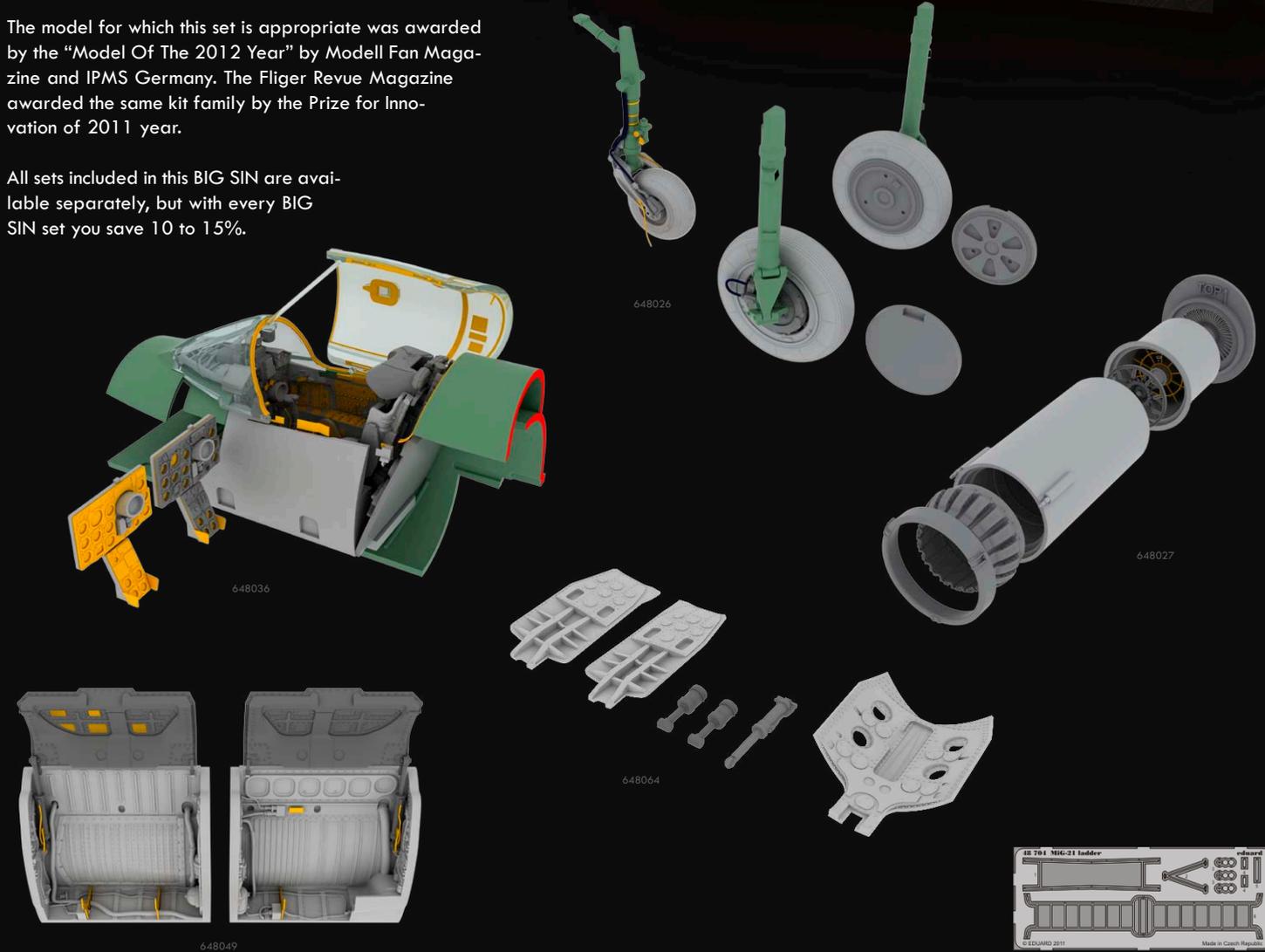
MiG-21 MF LATE 1/48 Eduard

- MiG-21 ladder
- MiG-21 wheels
- MiG-21 MF/SMT exhaust nozzle
- MiG-21 MF interior late
- MiG-21 wheel wells
- MiG-21 late airbrakes

This BIG SIN collection is focused on the 1/48 scale MiG-21MF model kit by Eduard (late variants). It consists of high quality resin and photo-etched accessories. Collection contains interior, engine exhaust, wheel, wheel wells, air brakes and a ladder.

The model for which this set is appropriate was awarded by the "Model Of The 2012 Year" by Modell Fan Magazine and IPMS Germany. The Flieger Revue Magazine awarded the same kit family by the Prize for Innovation of 2011 year.

All sets included in this BIG SIN are available separately, but with every BIG SIN set you save 10 to 15%.



eduard

KITS

1178	Su-25K	1/48	Academy
8263	Bf 109E-4	1/48	ProfiPACK
7418	L-39C	1/72	Weekend
84134	Hellcat Mk.II	1/48	Weekend

PHOTO-ETCHED SETS

32311	Il-2m3 landing flaps	1/32	Hobby Boss
32312	Il-2m3 exterior	1/32	Hobby Boss
32314	F-84G exterior	1/32	Hobby Boss
32734	F-84G interior S.A.	1/32	Hobby Boss
36202	M-1151 EAC exterior	1/35	Academy
36209	M-1151 EAC interior	1/35	Academy
36211	M-1151 EAC underbody protection FRAG2	1/35	Academy
36212	M-1151 EAC OGPK overhead cover	1/35	Academy
48715	C-2 exterior	1/48	Kinetic
48721	PV-1 exterior	1/48	Revell
48729	C-2 surface panels S.A.	1/48	Kinetic
48730	A-6 electronic equipment	1/48	Kinetic
48732	A-6 wing fold	1/48	Kinetic
48734	PV-1 undercarriage	1/48	Revell
48736	PV-1 bomb bay	1/48	Revell
49598	PV-1 interior S.A.	1/48	Revell
53070	USS CVL-22 Independence 1/350	1/350	Dragon
72526	F-14A exterior	1/72	Hobby Boss
73405	F-14A interior S.A.	1/72	Hobby Boss
73415	EA-18G S.A.	1/72	Hasegawa
73420	USN Carrier deck 1943-44	1/72	
73422	USN Carrier deck 1944-45	1/72	
73430	Grapevine/vinná réva colour	1/72	
73443	Rushes/rákos colour	1/72	

99048	German anchors	1/700	1/700
99059	IJN AA guns	1/700	1/700
99060	USN extra ladders	1/700	1/700

ZOOMS

33104	F-84G Interior S.A.	1/32	1/32	Hobby Boss
FE598	PV-1 interior S.A.		1/48	Revell
SS405	F-14A interior S.A.		1/72	Hobby Boss
SS415	EA-18G interior S.A.		1/72	Hasegawa

MASKS

CX320	A6M5	1/72	1/72	Tamiya
EX353	V-173	1/48	1/48	Special Hobby
EX354	TBD-1	1/48	1/48	Great Wall Hobby
XT182	Sd.Kfz.7/1 20mm Flakwirling 38	1/35	1/35	Dragon
XT185	M 1070 Truck Tractor	1/35	1/35	Hobby Boss

BIG ED

BIG4968	SEA VIXEN FAW.2	1/48	1/48	Airfix
BIG4969	MiG-21SMT	1/48	1/48	Eduard
BIG3315	SPITFIRE Mk.XVIe	1/32	1/32	Tamiya

BRASSIN

648065	MG 131 for Fw 190	1/48	1/48	
648066	R-2800-10 engine for P-61A	1/48	1/48	Great Wall Hobby
648059	DB 601 A/N engine	1/48	1/48	Eduard
648060	Bf 109E MG 17 mount	1/48	1/48	Eduard

BIGSIN

SIN64803	MiG-21MF LATE	1/48	1/48	Eduard
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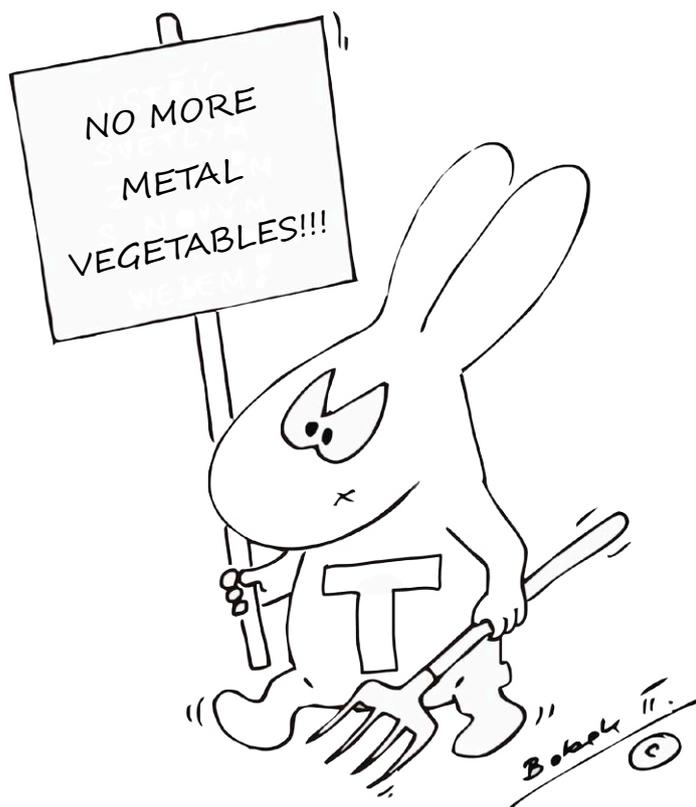
DECALS

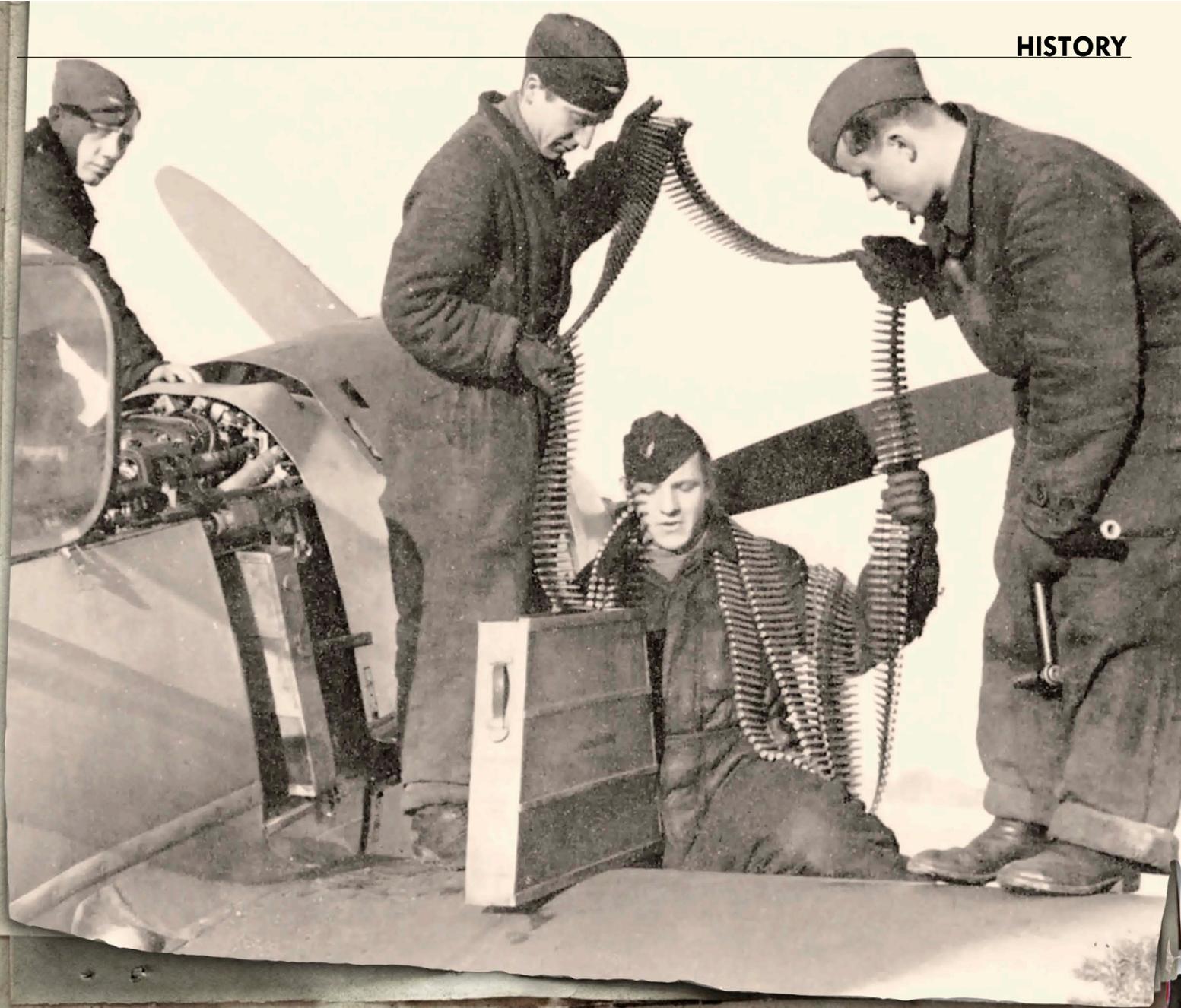
D48010	MiG-21 stencils Czech	1/48	1/48	Eduard
D48011	Bf 109 E-4	1/48	1/48	Eduard

BUY na e-shop Eduard



Comments and input from J&T





FLUGZEUG- MASCHINEN- GEWEHR MG 17

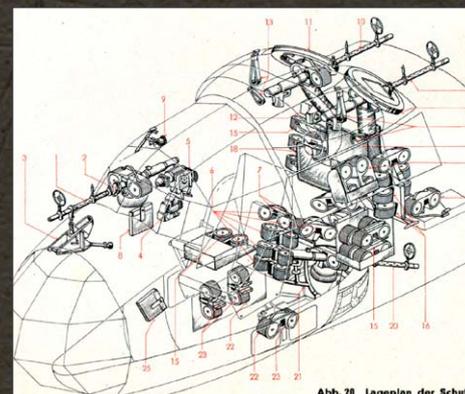
Main Photo - loading MG 17
ammo belts into a Bf 109E.

Petr Frank
Jan Zdiarsky

The history of the MG 17 aircraft gun goes back to the early thirties, when the MG 30 7.92mm infantry machine gun first spotted the light of day at the Rheinmetall plant in Sommerda in Thuringen. Due to the restrictions that were imposed after the First World War, it was not possible for Germany to initiate manufacture of the weapon, and so license production was initiated at Solothurn in Switzerland and Steyr-Daimler-Puch in Austria.

Through the mid thirties, the aerial version of the weapon was developed under the designation MG 15 and then MG 17. The difference between the two was in the mounting construction

and so also their use. The MG 15 was used as a flexible weapon, while the MG 17 was fixed in the fuselage or wing.



Flexible MG 15s mounted in a Ju 88A

Also different between the two was the ammunition feed system, and the appearance of the ammo cases and belts. The automatic mechanism was the same. Differences in other components of the two were minor, the main of these being the shape of the cooling vents on the barrel sleeve. The MG 15 had oval vents, while those on the MG 17 were round.



Bordschütze position MG 15 mounted in a Do 17.

The Flugzeugmaschinengewehr MG 17 was an air cooled machine gun with electro-pneumatic feed with the option of synchronization, which was mandatory for its use as a fuselage mounted weapon when firing through the propeller arc.

v-Munition (Verbesserte Bordwaffen-Munition Kal. 7,9 mm) z. Zt. nur für starre Fliegerbordwaffen MG. 17					
A. Patronenarten					
Benennung	Treibladung	v. [m/s]		Pr.D. Leistung auf 100 m	
		M.G. 17	M.G. 81	bei 60°	bei 90°
1. Patrone S.m.K.-v	Np.Gew.R.P. (Ladungsgew. wird jeweils erschossen u. schwankt zwischen 3,0 bis 3,5 g)	865	850	7,5 mm	12 mm
2a. Patr. S.m.K. L'spur 100/600-v		905	885	7 mm	9,5 mm
2b. Patrone S.m.K. Gl'spur-v		885	865		
3. Patrone P.m.K.-v		905	885	6 mm	7,5 mm
4. B-Patrone-v		855	840	Nur Spreng- und Brandwirkung	
5.					

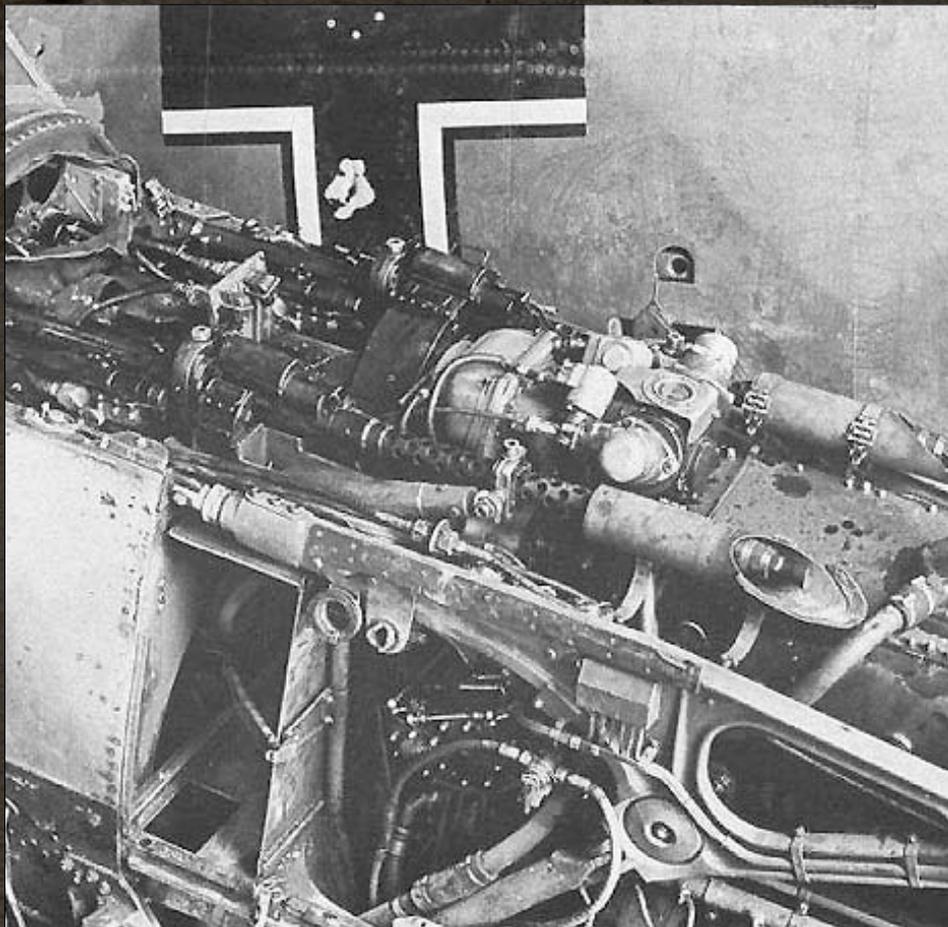
Table plotting type of ammunition for the MG 17, with muzzle velocity and penetration capability.

The length of the entire weapon was 1,175mm, the weight was 10 to 12 kg, and the weight of the 7.92mm (with a variance of 0.04mm) projectile was 11.5g. The ammunition storage cartridge weighed 24kg, and muzzle velocity was 855 to 905 m/s, depending on the ammunition type. Rate of fire was 1200 rounds per minute.

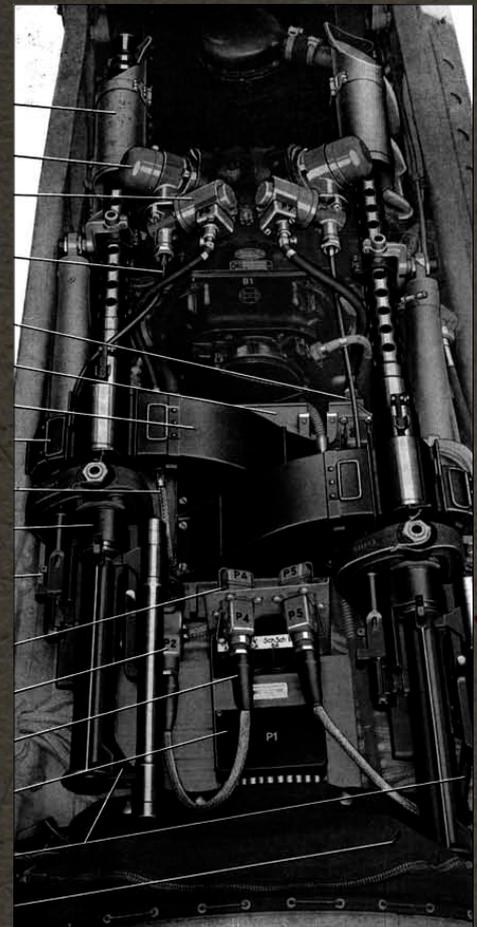
The belt, which could be mounted from both sides, contained fifty rounds, and ammo boxes allowed four connected belts to be loaded. The simplicity of the system did much for the weapon's reliability. On the other hand, though, the electric and pneumatic systems raised maintenance requirements. The rounds, depending on



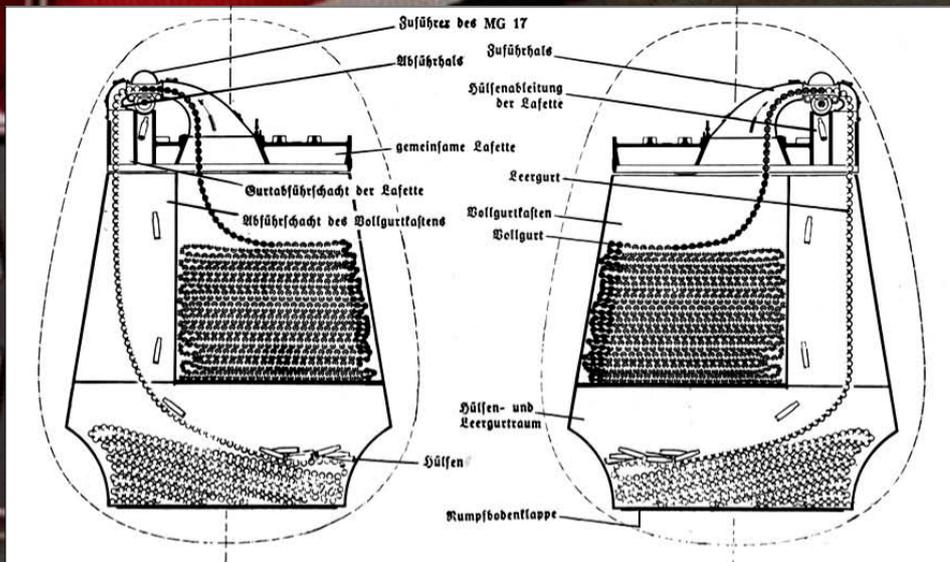
Rheinmetall-Borsig MG 17



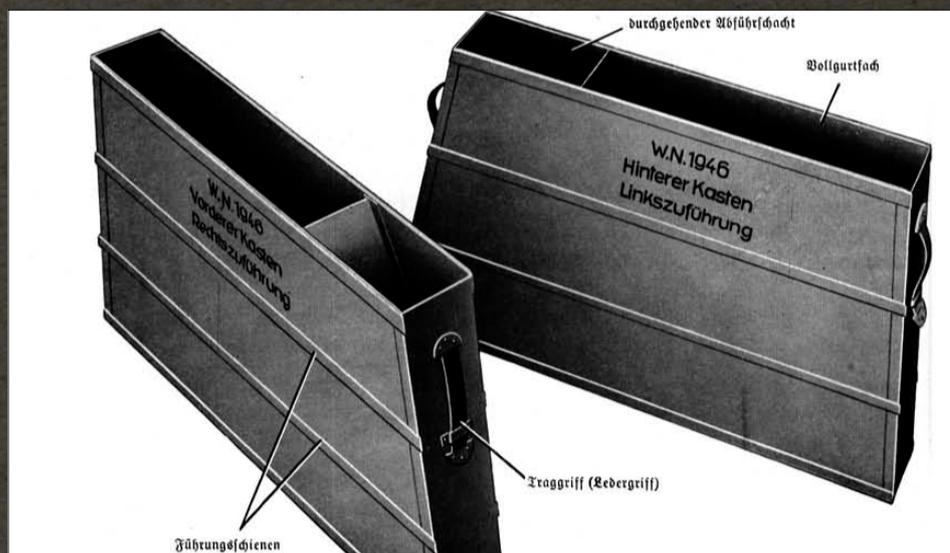
MG 17 machine guns in a Bf 109E-4



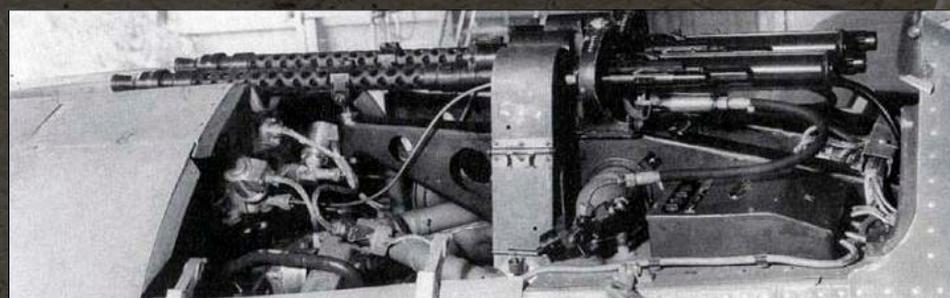
Schematic of the MG 17 installation with accessories in the Bf 109E.



Bf 109E - Detailed and effective method of ammunition installation for the fuselage weapons, and the storing of spent belts and cartridges back in the bottom part of the bay.



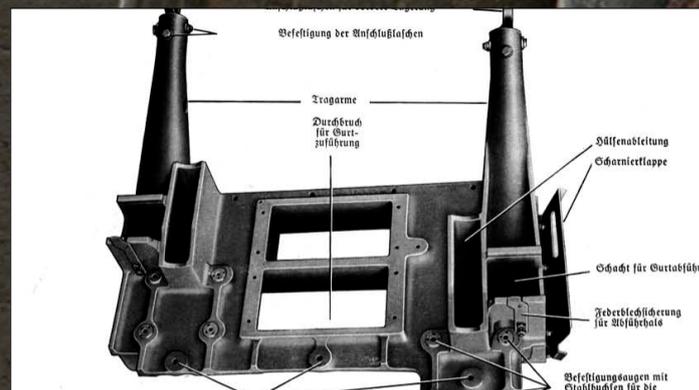
Ammunition boxes for the MG 17 in the Bf 109E.



MG 17 in the fuselage of the Fw 190A-1.



A quartet of MG 17s in the nose of a Bf 110.



MG 17 fuselage mounting. Note the staggered arrangement.

which one specifically, could penetrate 5mm of armor at 100m, and with the distance reduced to fifty metres, even as much as 17mm of armor could be compromised.

At the beginning of the Second World War, the MG 17 was the standard weapon of Luftwaffe fighters. This included the Heinkel He 51, Messerschmitt Bf 109E, Bf 109F, and day versions of the Bf 109G (The last being the G-2 version in 1942). In the Fw 190, the MG 17 was installed in the A-1 to A-6 (in 1943). With the Bf 110, the MG 17 was used in the nose of the aircraft right through to the G version. As a fixed weapon, the MG 17 was also installed in the Ar 196, Fw 189, He 115, Hs 123, Hs 126 and Hs 129.

The flexible variant of the MG 15 was installed in virtually every German bomber and observation aircraft, especially early on in the existence of the Luftwaffe. It was not until the beginning of the forties when it began to be replaced by the more advanced MG 81 of the same caliber. Many MG 15s were converted for infantry use (official numbers put the quantity at over 17,000 conversions).

The MG 17 was used by the Luftwaffe up to 1943, when they were finally replaced by the much more lethal MG 131 13mm machine gun and eventually the MG-FF and MG 151 20mm cannon (the MG 17 at that time proving to be inadequate against allied four engined bombers and Soviet ground attack types). For assault and bombers, though, the MG 17 continued in production until 1944, when there were some 24,000 pieces built. Their fate would generally mirror that of the MG 15, in being converted for infantry use. It is widely assumed that by 1945, the MG 17 could still be found, albeit in limited numbers, in older Bf 109 and Fw 190s allotted to training units.

SOURCE:

- Betriebs u. Rüstanleitung Me 109 mit Motor DB 601 (Messerschmitt A.G.)
- Beschreibung, Einbau- und Prüssvorschrift für die starre Schusswaffe Bf 109 E1 und E3 (RLM, 1939)
- Ju 88 A-1, A-5 Flugzeug-Handbuch / Teil 12A - Schusswaffenanlage (Junkers, 1941)
- Archiv Muzea letecké bitvy nad Krušnohořím
- Eduard Archiv

(- Museum of Air battle over the Ore Mountains archive)
 (- Eduard archive)

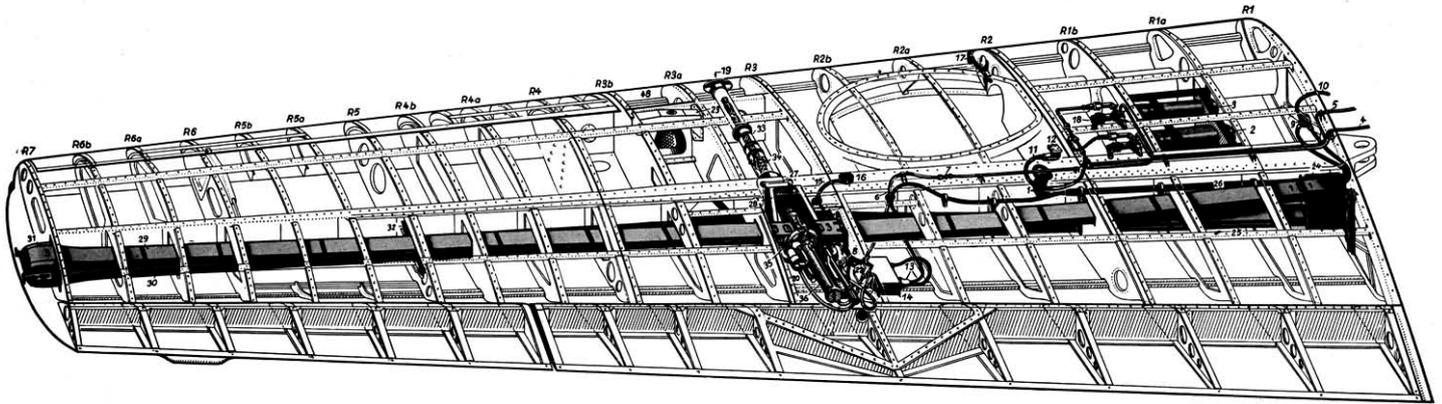
Fester Einbau: Austauschfläche

- 1 Pfeilflut-Außenbandanschluß
- 2 Pfeilflutflache für linken Rumpf-MG 17
- 3 Pfeilflutflache für linke Flächenwaffe
- 4 Hülseleitung zum rechten Flächenpaar
- 5 Betriebsleitung zum linken Rumpf-MG 17
- 6 Betriebsleitung zur linken Flächenwaffe
- 7 Montageeinheit
- 8 Pfeilflutanschluß an Rippe 3 für Flächenwaffe
- 9 Verteilerleuchte an Rippe 1
- 10 Lit.-Zuleitung vom SVK
- 11 ESK-Leitung

- 12 Blindbohle mit ESK-Blindleuchte
- 13 Leitung mit Winkelstecker zum FVK 17-FF
- 14 Flächenverteilerkasten FVK 17-FF
- 15 Leitung zur Verteilerleuchte bei Rippe 3
- 16 Verteilerleuchte für ZVKS-FF-Anschluß
- 17 Rohr für Stielminderer
- 18 Abperventil der Pfeilflutflache
- 19 Verschlußbohle für MG 17-Außenschußführung
- 20 Bedienungsklappe für Flächen-MG 17 mit Schnellverschluß
- 21 Verschließ zwischen Rippe 3 und 3b (unten), aufschraubbar
- 22 EPD-Leitung, blind gehalten
- 23 Lagerboden für MG-FF

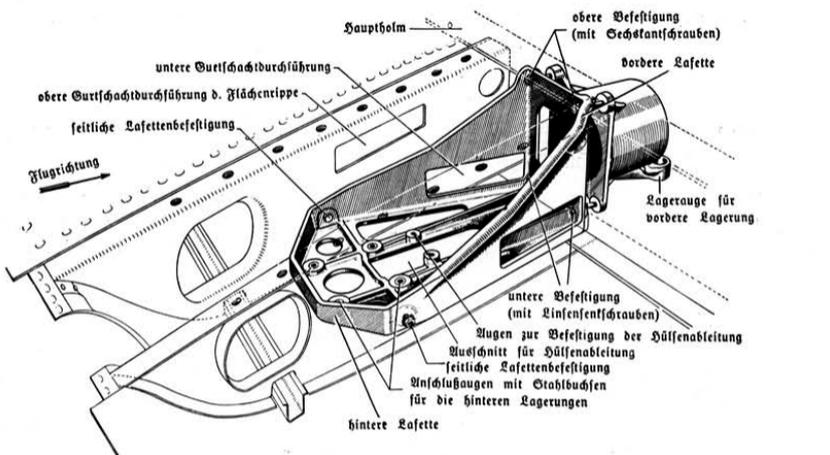
Zusätzlicher Einbau: Flächen-MG 17

- 24 Große Quertafel
- 25 Innerer unterer Quertisch
- 26 Innerer oberer Quertisch
- 27 Vorderer Lafette
- 28 Hinterer Lafette
- 29 Äußerer oberer Quertisch
- 30 Äußerer unterer Quertisch
- 31 Kleine Quertafel
- 32 Befestigungsprofil
- 33 Schußkanal
- 34 Vorderer Lagerung 17
- 35 Hinterer Lagerung 17
- 36 Linke Flächen-MG 17 mit EPAD 17 und ESI 17 und Pfeilflutflach



Übersicht des Flächeneinbaues der starren Schußwaffe BF 109 E 1

MG 17 wing mountings in the Bf 109E.



Bf 109E wing MG 17 installation detail.

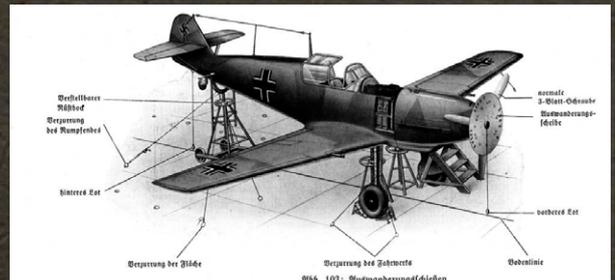


Abb. 103: Auswanderungsfächer

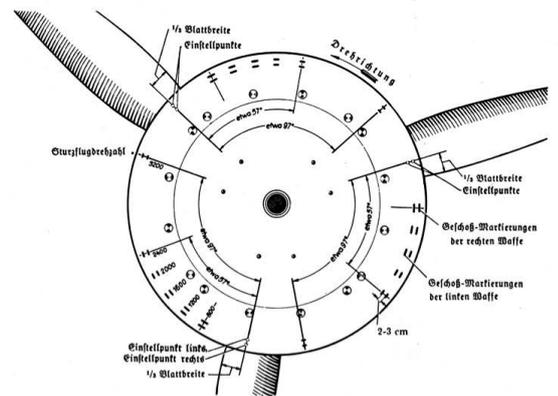


Abb. 104: Auswanderungsfächer für 3-flügelige Luftschraube

Synchronization setup for the fuselage mounted MG 17's firing through the propeller arc.

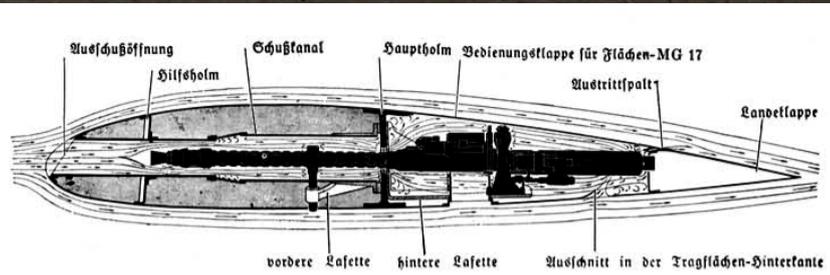
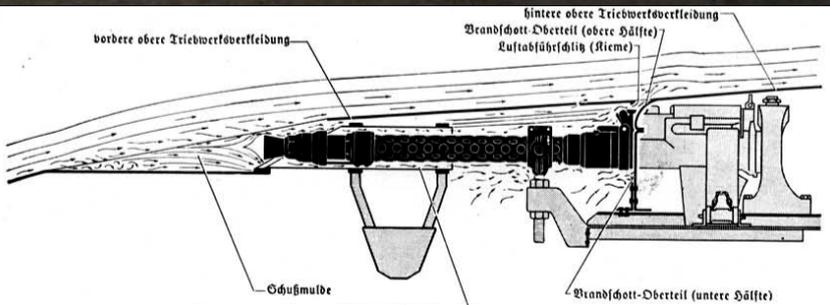
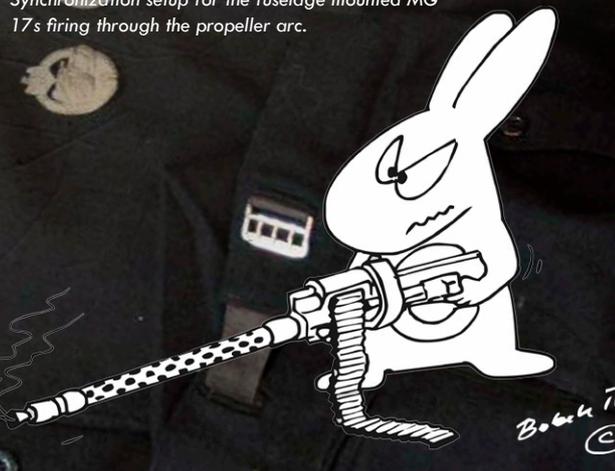


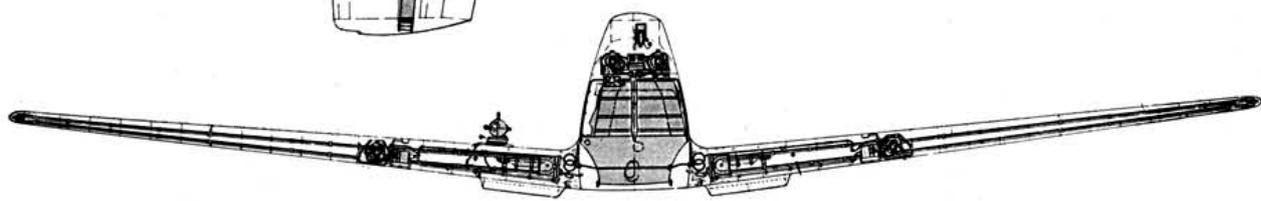
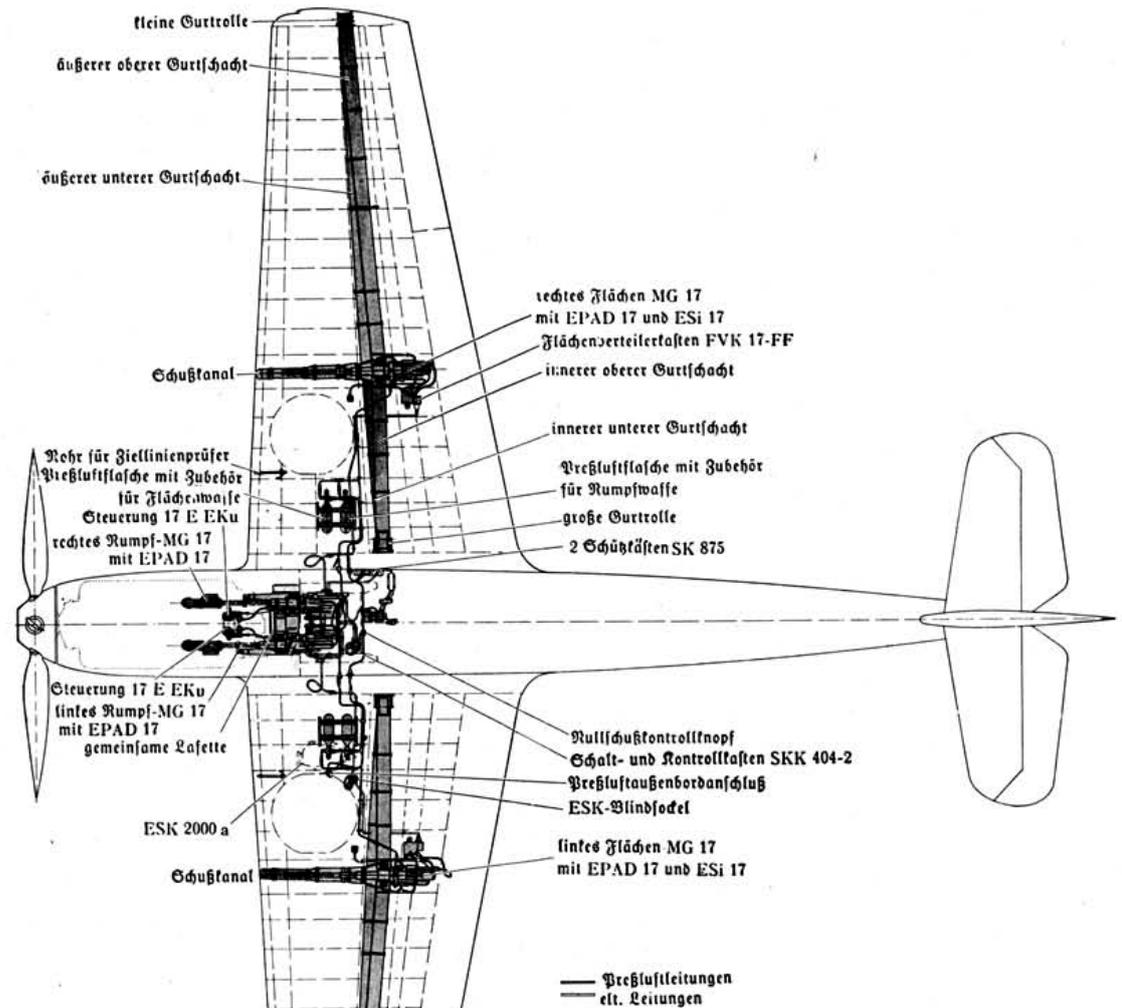
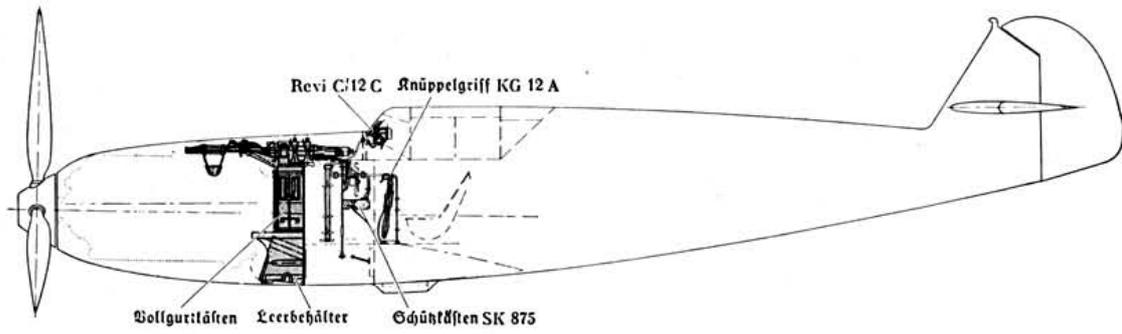
Abb. 26: Kühlung der Flächen-MG 17 (E 1)

MG 17 wing gun cooling in the Bf 109E-1.



Fuselage MG 17 cooling diagram for the Bf 109E.





Übersicht der starren Schußwaffe BF 109 E 1
(2 Rumpf-MG 17 und 2 Flächen-MG 17)

Schematic showing MG 17 installation with accessories in the Bf 109E.



Eduards Fokker D.VII

Sieben Schwaben

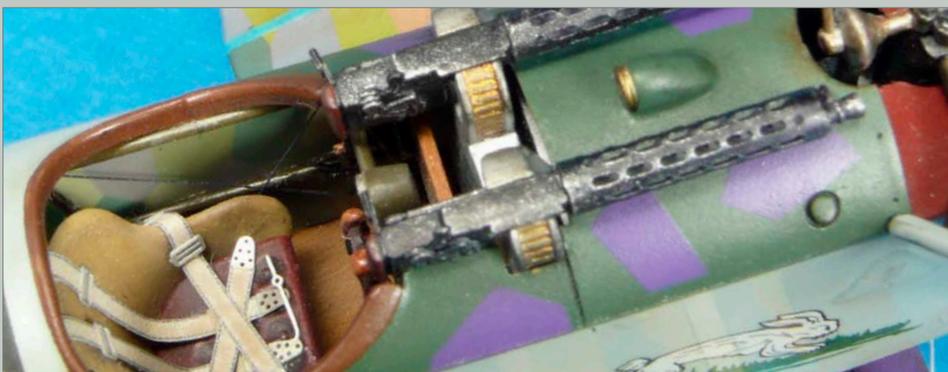
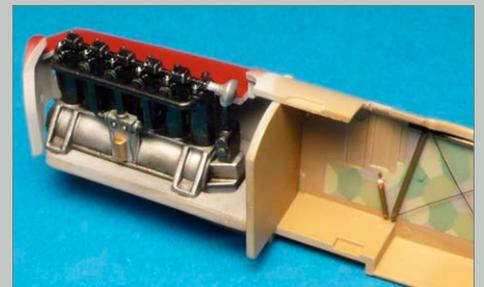
Sylvia Koberger

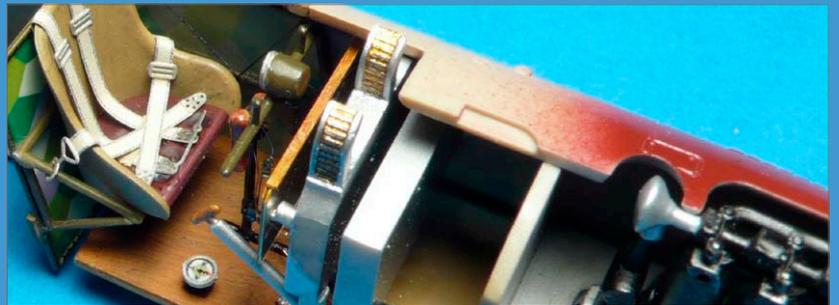
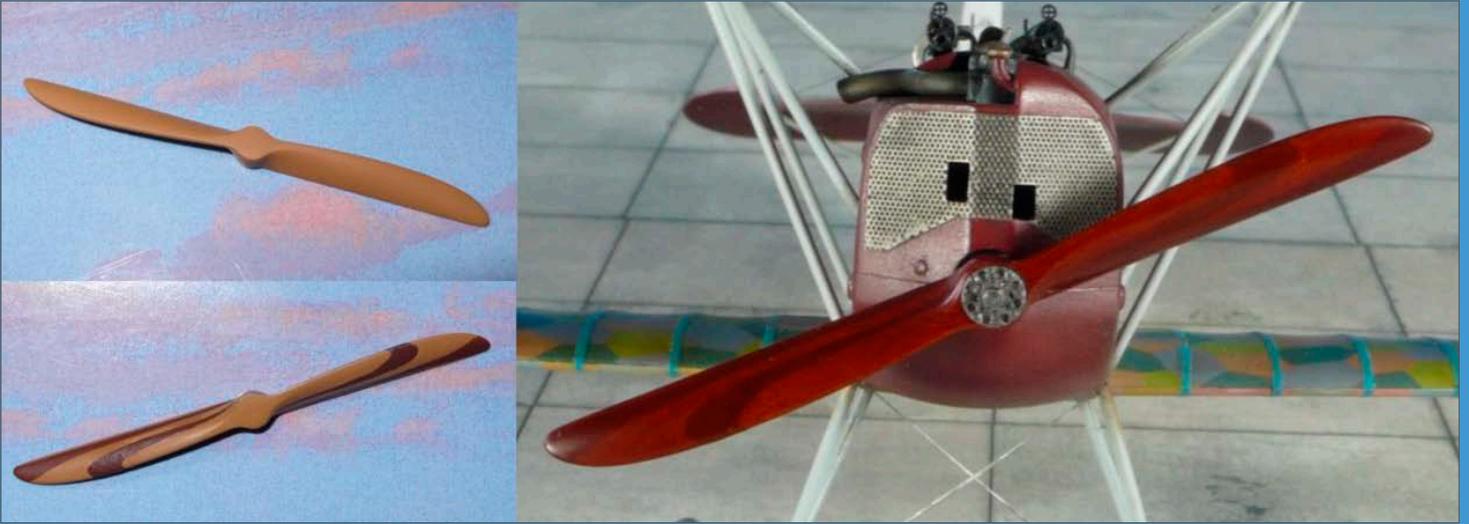
Even if the story about the „Sieben Schwaben“ had been told before I have to spent a few words on it. Schwaben or Swabia in English is an area in southwest Germany (now Baden-Württemberg and parts of Bavaria) and the fairy-tale is about the seven chaps and their foolishness habits which should represent typical characters for swabians. The pilot Wilhelm Scheutzel was probably from there. As I live in that area also but without being born here its easy to joke about the seven swabians.

I used nothing extra for the built except Eduard set 48406 for control horns and turnbuckles. Rigging had been done with EZ fine line (available from www.little-cars.com), which is a very thin elastic band.

The built had been trouble free nevertheless it took me nearly a year to finish it parallel to

other models in the pipeline. The seven swabian decal went on without any hint of silvering. Of course, the grey fuselage (Gunze H417) had been clear coated with Gunze before and after decaling. The trailing edges of the wings gain in appearance with thinning before attaching top to bottom. To make the assembly of the top wing and undercarriage easier, I have drilled the cabane and undercarriage strut ends and inserted short 0,3mm wire pieces. So you can assemble them without adhesive and when it looks correct a drop of cyano fixes it. The joint is much stronger as well. For the imitation of the wooden prop I did use my standard approach with Tamiya XF 60 for the base light brown and XF 64 for the dark wood layers. After that I replicated the wooden grain with oil paint. Finally several coats with Tamiya clear yellow/orange were applied with careful sanding and polishing.





BUY Fokker D.VII 1/48 



CZECH AIR SHOW PARDUBICE

2. - 3. 2012



Photo: Katerina Borecka

Curtiss P-40 Tomahawk



Sopwith



Supermarine Spitfire Mk.XVI. and Jak-11.



Boeing B-75N1 Stearman



T-6 Texan aka Mitsubishi A6M2 Zero



Supermarine Spitfire Mk.XVI.



Fokker Dr.I



letecká show

Sopwith



Grumman TBM Avenger



North American P-51D Mustang



Jak-11



N.A. T-28B Trojan





Extra 300



P-51 Mustang



Bücker Bü 181



Bell-47



Jas 39 Gripen



formace Trenérů



MiG-15UTI

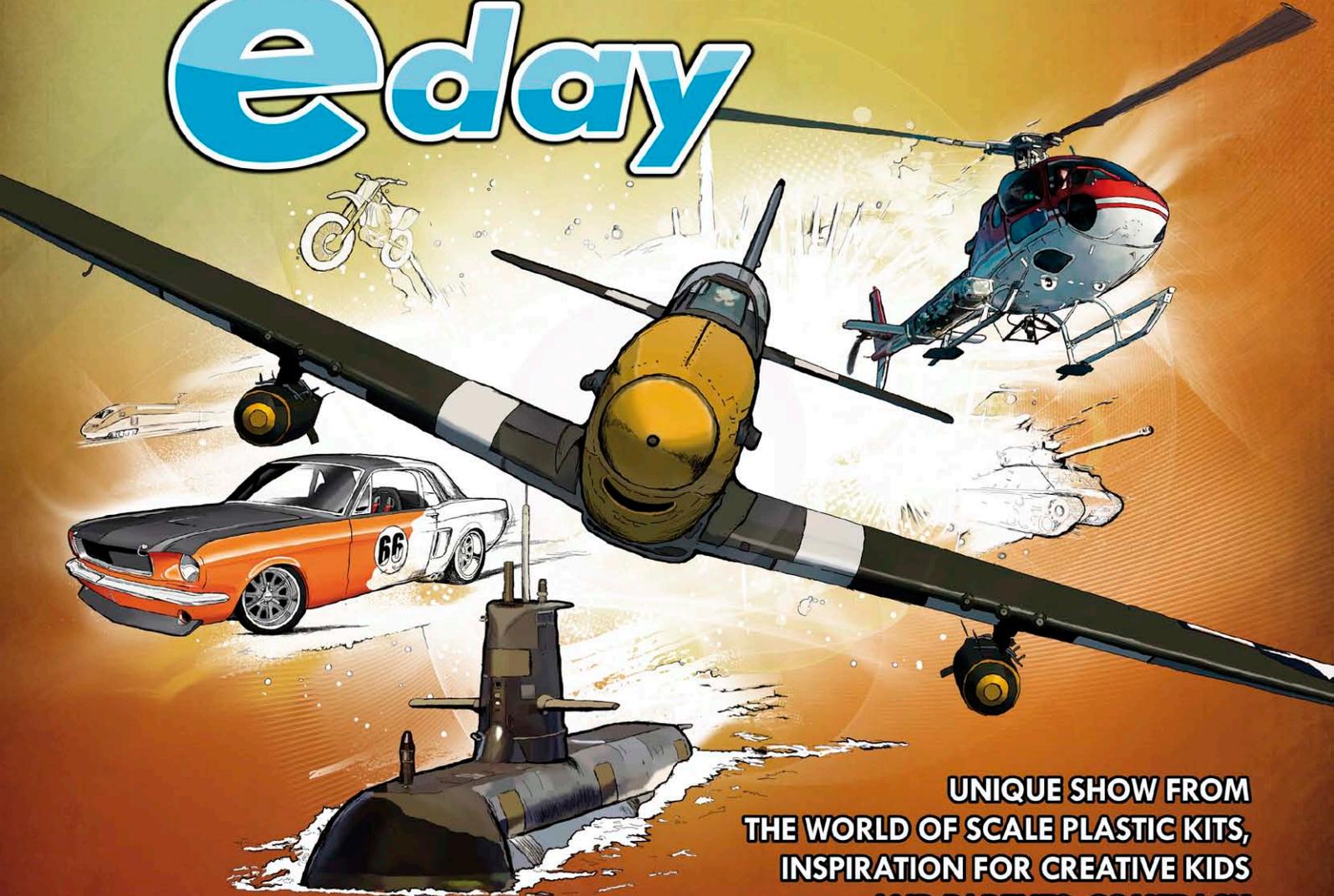


More pictures you can see here:
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underground parking lot

GPS: 50°2'50.9"N, 14°21'17.7"E

PARTNERS:



ORGANIZER:

eduard

WWW.EDAY.CZ



KITS

JULY 2012

7083
Bf 110E
1/72 ProfiPACK



8443
Airco DH-2
1/48 Weekend



1170
P-38J over Europe
1/48 LIMITED EDITION

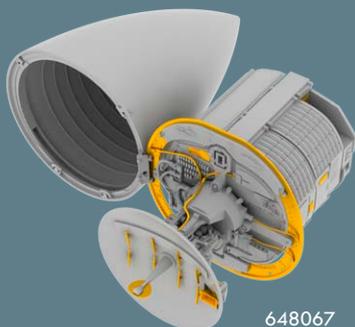


BIG ED JULY 2012

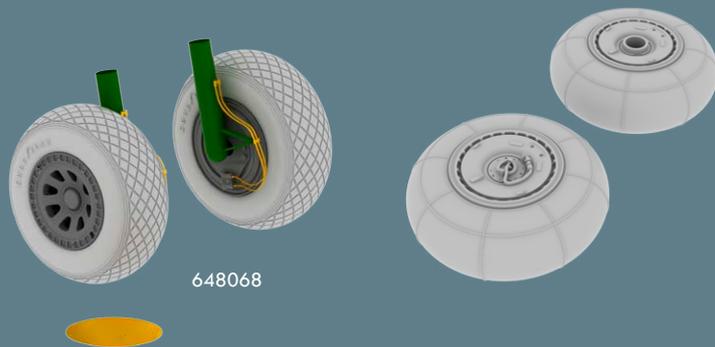
- BIG4968 SEA VIXEN FAW.2 1/48 Airfix
- BIG4969 MiG-21SMT 1/48 Eduard
- BIG3315 SPITFIRE Mk.XVIe 1/32 Tamiya

eduard
BRASSIN JULY 2012

648067
F-4 radar
1/48 Hasegawa

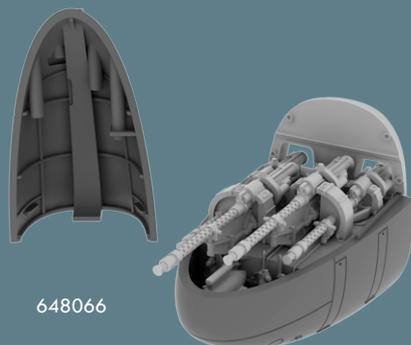


672002
Bf 110 E nose guns
1/72 Eduard



672003
Bf 110 E wheels
1/72 Eduard

648068
PV-1 Ventura wheels
1/48 Revell



648069
AIM-7M Sparrow
1/48



PHOTO-ETCHED SETS

PE-SETS

32311	Il-2m3 landing flaps	1/32	Hobby Boss	72526	F-14A exterior	1/72	Hobby Boss
32312	Il-2m3 exterior	1/32	Hobby Boss	73405	F-14A interior S.A.	1/72	Hobby Boss
32314	F-84G exterior	1/32	Hobby Boss	73415	EA-18G S.A.	1/72	Hasegawa
32734	F-84G interior S.A.	1/32	Hobby Boss	73420	USN Carrier deck 1943-44	1/72	
36202	M-1151 EAC exterior	1/35	Academy	73422	USN Carrier deck 1944-45	1/72	
36209	M-1151 EAC interior	1/35	Academy	73430	Grapevine/vinná réva colour	1/72	
36211	M-1151 EAC underbody protection FRAG2	1/35	Academy	73443	Rushes/rákos colour	1/72	
36212	M-1151 EAC OGPK overhead cover	1/35	Academy	99048	German anchors	1/700	
48715	C-2 exterior	1/48	Kinetic	99059	IJN AA guns	1/700	
48721	PV-1 exterior	1/48	Revell	99060	USN extra ladders	1/700	
48729	C-2 surface panels S.A.	1/48	Kinetic				
48730	A-6 electronic equipment	1/48	Kinetic	ZOOMS			
48732	A-6 wing fold	1/48	Kinetic	33104	F-84G Interior S.A. 1/32	1/32	Hobby Boss
48734	PV-1 undercarriage	1/48	Revell	FE598	PV-1 interior S.A.	1/48	Revell
48736	PV-1 bomb bay	1/48	Revell	SS405	F-14A interior S.A.	1/72	Hobby Boss
49598	PV-1 interior S.A.	1/48	Revell	SS415	EA-18G interior S.A.	1/72	Hasegawa
53070	USS CVL-22 Independence	1/350	Dragon				

AUGUST 2012: PE-sets Il-2 1/48 Tamiya, PE-sets B-25 1/32 HK Models !!!



TBD-1 1/48



36208 GMC Bofors 40mm
1/35 Hobby Boss



36215 Boxer MRAP
1/35 Hobby Boss



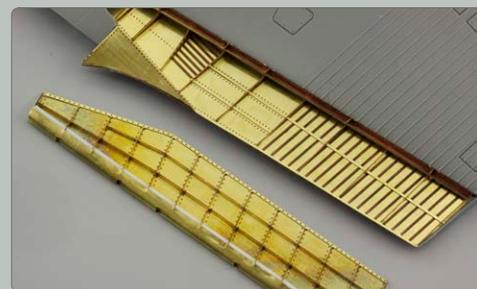
48735 TBD-1 exterior
1/48 Great Wall Hobby



73434 Bf 109G-6 S.A.
1/72 Italeri



73432 Swordfish S.A.
1/72 Airfix



48737 TBD-1 landing flaps
1/48 Great Wall Hobby

eduard



Bf 110E

1/72

- ProfiPACK edition
- The type series is opened by the E version
- 8 plastic sprues
- Colour photo-etched sets
- Express mask

AFTERMARKET pro Bf 110E:

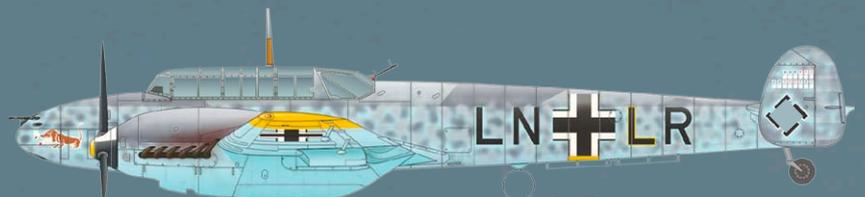
- Brassin nose guns, wheels
- Extra Eduard decals
- Photo-etched sets (exterior, interior and ladder)



JULY 2012



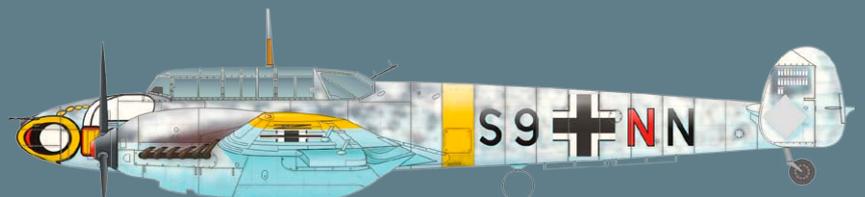
W. Nr. 4035, Sonderkommando Junck, Iraq, Mosul Air Base, May 1941



LN+LR, 1.(Z)/JG 77, Lt. Felix-Maria Brandis, Malmi, Finland, 1942



G9+JM, 4./NJG 1, St. Trond, France, February 1942



S9+NN, 5./ZG "Wespen", Lt. Herbert Kutscha, Russia, 1942

JULY 2012!