

# INFO EDUARD

VOL. 12 • ISSUE 9 • SEPTEMBER 2012

## BRASSIN

Bf 109E cockpit  
MG 131 mount for Fw 190D-9  
B-17 wheels....

## EVENTS

E-day 2012

XXL 2012

## BUILT

Diorama Africa  
Brassin Bf 109E



## HISTORY

Flugzeug-  
maschinen-  
gewehr MG 131

# INFO EDUARD

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

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October 2012

**eduard**

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# EDITORIAL

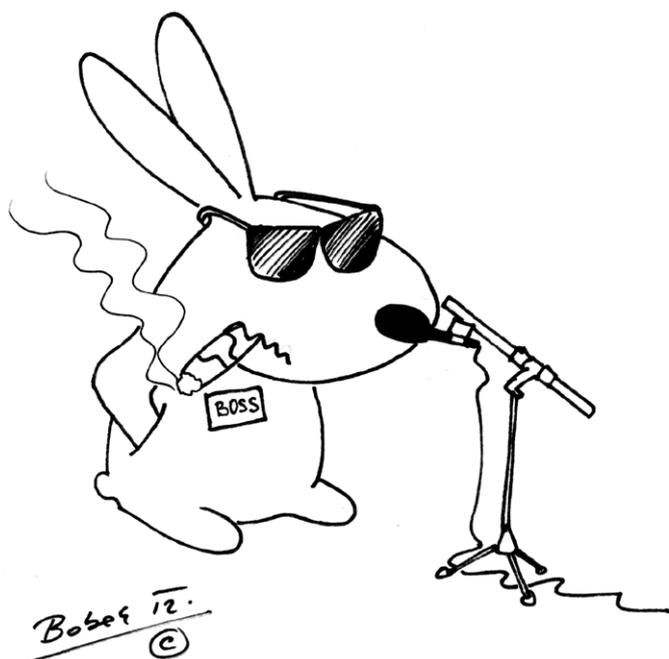


Besides a definite negativism permeating through our hobby, on which I commented not too long ago, I am also fascinated by a corresponding insatiable hunger for new items. Pretty much without fail, when we introduce a new model, most questions center around subsequent plans of not only as yet unproduced kits, but even unplanned ones. The last wave of such questions follows the current MiG-15. The Mig-15, and even the MiG-15bis, is constantly accompanied by the question of the possibility of a two seat UTI MiG-15, because we have indicated that this is not in the works. I had an interesting experience along these lines, listening in on a conversation between two modelers in Pilsen, looking over our MiG-15 test shots. One commented to the other, that when we do the MiG-19, he would buy one. I hope he doesn't hold his breath! Not that I have anything against the MiG-19, but at the moment, and for several reasons, I am not contemplating anything of the sort. I have nothing against the UTI MiG-

15 either, but all of our energies right now are focused on finishing the two main MiG-15 versions in an attempt to have these ready for introduction by E-day. This is coming up fast, at the end of September, as is known, and the first of the MiG-15s is to be the highlight of the show. It will be a kit that will have a lot of national relevance here. It will be called 'Czechoslovak Fifteens' it will contain moldings for two models, one MiG-15 and one MiG-15bis, and besides photoetched, masks and resin castings of pylons and rockets for the SB version, it will feature two decal sheets covering some eleven Czechoslovak aircraft. The kits, to be sold first at E-day and then on our webstore and beyond, will include as a bonus, a DVD of a movie called 'Big Blue Wall', an awesome piece of crap born out of the communist era, but the inflight filming is inspirational, at the very least. Our Eduard store sales will also be accompanied by a t-shirt offer, as is becoming a bit of a tradition. MiG-15s were typically left in natural metal without any extra artwork, so picking out subject matter was a bit of a job, to say nothing of finding any information that is new and fresh. So, we chose some older well documented birds, such as the blue checkerboard '1303', the Zatec aerobatic '3234' with blue lightning bolt arrow, or the upper surface red EP-02. Not missing, naturally, is Sramek's NO-37, complete with the kill mark for his downing of an American Thunderjet. Personally, I think that this collection turned out rather well, and all are based on well documented MiG-15s in Czechoslovakia. I will go out on a limb here, and declare that a better selection is not likely, though this will not save us from any criticism, as surely some will dispute some points that they will deem to be in error, or missing, or just plain poorly done. In fact, criticisms have already appeared, regarding scribing that is too wide and shallow, and that the model appears 'hurried'. Be that as it may, 'Czechoslovak Fifteens' will be the mainstay of our offerings at E-day on September 28th. If

you wish to follow the development of this kit, you may do so on our Facebook page, which will progressively feature glimpses into October's schedule that will also have their premieres at that event. Besides the MiGs, there will also be a new release of the Bf 110, this time the C/D version, an all new Spitfire Mk.IXe in 1/144, and a 48th scale Roland C.II in a Weekend Edition boxing. Photoetching will be dominated by a collection of sets for Revell's 1/72nd scale B-17F, Brassins will offer seats and wheels for our aforementioned MiG-15, wheels for the Bf 110C/D, gunner position including the UBT gun for the 48th scale II-2, and two sets for the F-117 in 1/32nd, covering the GBU-24s and wheels. I think we will be well represented at E-day. When you factor in September's ProfiPACK Bf 109E-3 in 48th, the Weekend Bf 110F in the same scale with an offer of an atypical amount of photoetched brass for the Weekend, and the 1/144th scale Ju52....well, you get the idea. I would also point to the brass offered for the 1/32nd scale B-25J Mitchell, and the resin cockpit for the 48th scale Emils, Browning M-2 guns covered by two sets, fuselage guns for the Fw190D-9 and wheels for the B-17 (final two in 48th). Again.....you get the idea!

And, why stand in line? The annual line up at the show may not manifest itself this year, if all goes according to plan. At the very least, this frustrating experience will be more interesting and significantly shortened, if not eliminated altogether. 'How?', you ask? For one thing, we will have more goods on hand, not the least of which will be a sortiment of Gunze products. There will be a consistent replenishing of products in the self-serve section of our booth. A fear of running out of product is the driving force behind the formation of lines at the moment the doors open. This year, we intend to limit as much as possible the selling out of a given product. We have allocated two vehicles for resupply duties, thinking that at least two trips will be needed as those needs arise. Based on experience, I would say that the first resupply will be as early as Friday night, the second, Saturday late morning. Another feature we are introducing is that of the pre-order. Many customers come to the vendors' tables with a list of specific items they want to purchase. Those who wish to do so can send in their order beforehand, and we will prepare it for pickup, of course, with show discounts. The pre-order feature is already in service on our site as of Monday, September 3rd. We also are increasing our number of checkouts to five, and that in itself should serve to speed the process up. And if that only serves to speed things up without eliminating the lineups entirely, our representatives will be available to mingle in the lineup who would normally be behind our tables. So if you find yourself waiting in line after all, at the very least you'll be able to see what we are doing, and get answers to your questions while you wait. Among those available will be myself and Martin Ferkl, and so I hope that at least there will be a 'coefficient of entertainment' present! Maybe we'll even dawn big red clown noses. But that doesn't mean that we would like to steal the show from the usual goods on display. All of our changes and additions are



for the betterment of those goods, including that we have a sound man, Stan Archman, model designer responsible for the Hellcats and -109s, and he is bringing along, by his own account, high quality microphones. One will be for those customers and audience with questions, and the other for myself and Jindra Sterbacek. I must admit that I am not particularly excited about the setup, as I have a certain amount of trouble speaking into a microphone. I promised that I would put in some training time beforehand. I will begin next weekend. I can honestly say that looking forward to it, I am not!

Certainly, it has not been lost on anyone that E-day this year is a two-day affair, and can even be considered a three day one. The rather unorthodox timing puts this event from Thursday, September 27th to Saturday, September 29th. We are understandably using the state holiday of October 28th to our advantage. Incidentally, this is the first time in my life where I can honestly say that this holiday is actually good for something. Unlike January 1st, a holiday with an associated necessity. When else would we be able to hear a New Year's message from our beloved politicians? But back to E-day. It begins Thursday afternoon, which does not apply to the general public, but for competing modelers. I will not promise that we will be in a position to sell by Thursday evening, but we will give it the ol' proverbial 'college try'. The other vendors will do the same, so even Thursday evening holds some promise of being an interesting time. Friday will go on until 5:00pm, and Saturday, the show wraps up at 3:00pm. This should benefit all those who want to start heading home by that time, have what they came for, and would rather not sit around the plaza til nightfall. I am not certain that even that will be soon enough for many, especially for our Polish and Hungarian friends who will need to leave a couple of hours before that in any case, but the experiment seems worth trying.

I still haven't mentioned the admissions model for this year, and truth be told, I won't. I hold that back in reserve for a surprise. There are those who think they know, because same as last year, October's new releases include a new 1/144th scale kit, and so it seems obvious. But this year, it will be different. Among other things, there will be two admission kits. To bet on the Spitfire would seem to be a bet on a sure thing, but what about the second item? And what about those, that will want both kits? Well, we will certainly not stop them from coming out twice!

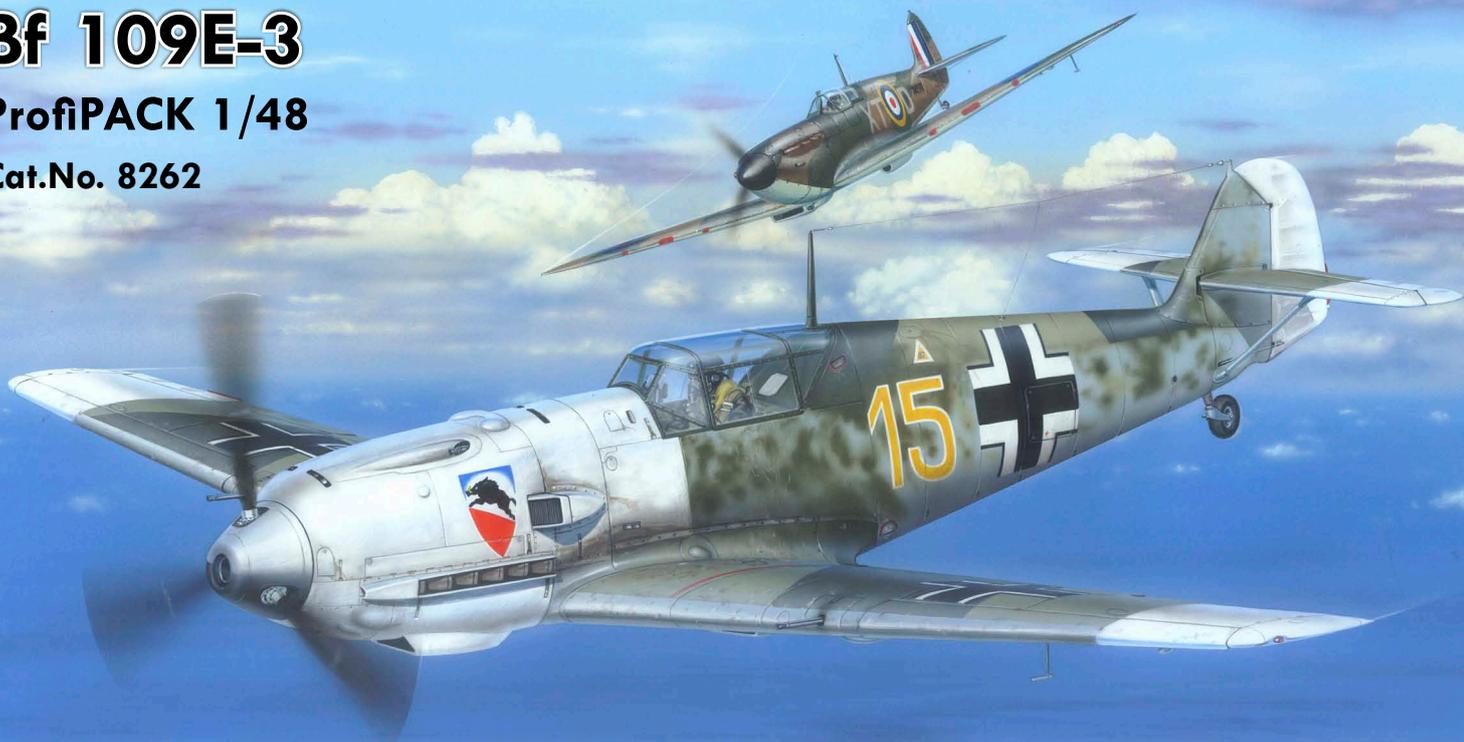
Keep on Modelin'!



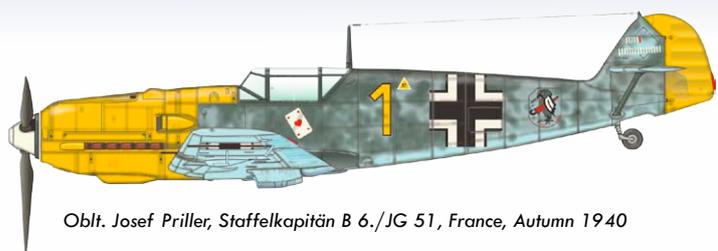
# Bf 109E-3

ProfiPACK 1/48

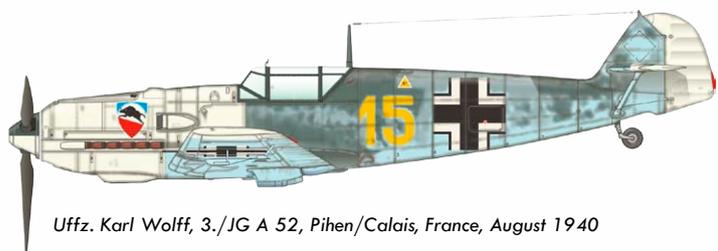
Cat.No. 8262



3./JG E 51, Mannheim-Sandhofen, Winter 1939-1940



Oblt. Josef Priller, Staffelkapitän B 6./JG 51, France, Autumn 1940



Uffz. Karl Wolff, 3./JG A 52, Pihen/Calais, France, August 1940



1./JG 2, Bassenheim, Germany, May, 1940

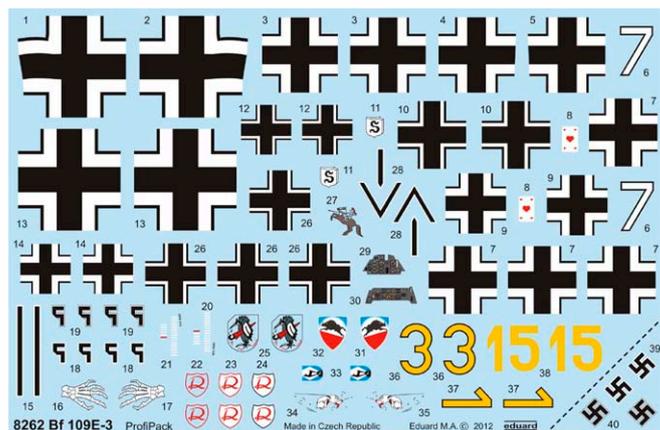


Obstlt. Hans-Hugo Witt, Geschwaderkommodore C JG 26, Dortmund, Germany, April 1940

The cannon variant of the initial Emil, the Bf 109E from years of 1939-1940, especially, the period of the Battle of Britain. User friendly decals in high quality are designed and printed by Eduard.

This kit contains the color photo-etch and the painting mask.

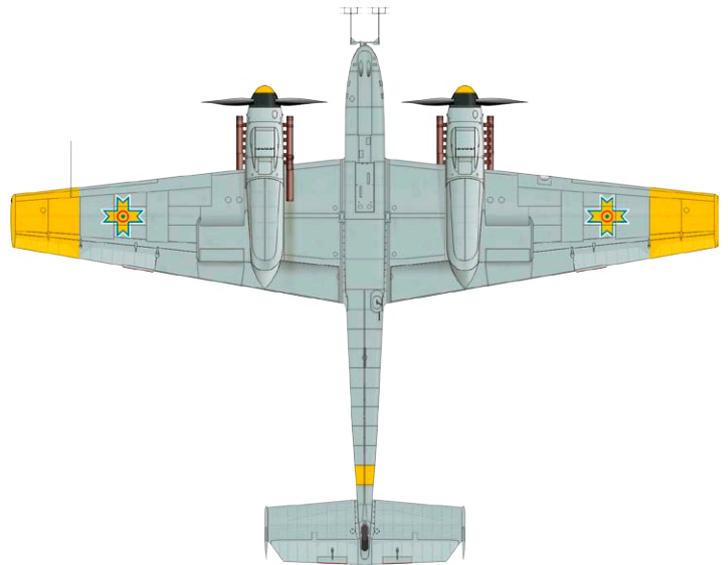
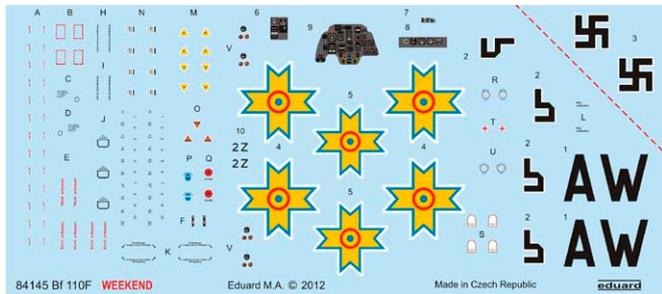
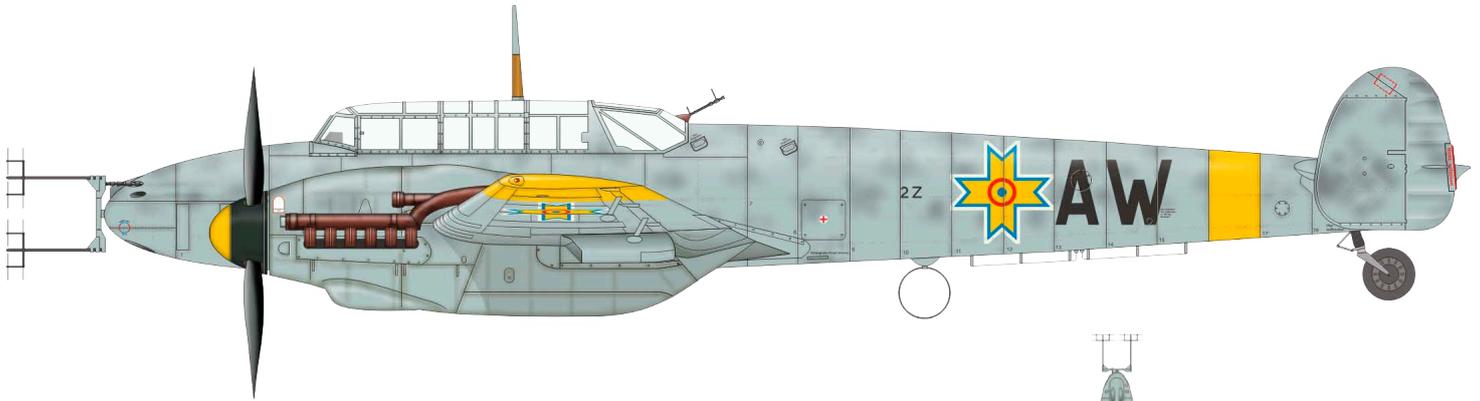
**BUY Bf 109E-3 1/48**





# Bf 110F Nachtjäger

Weekend 1/48 Cat.No. 84145



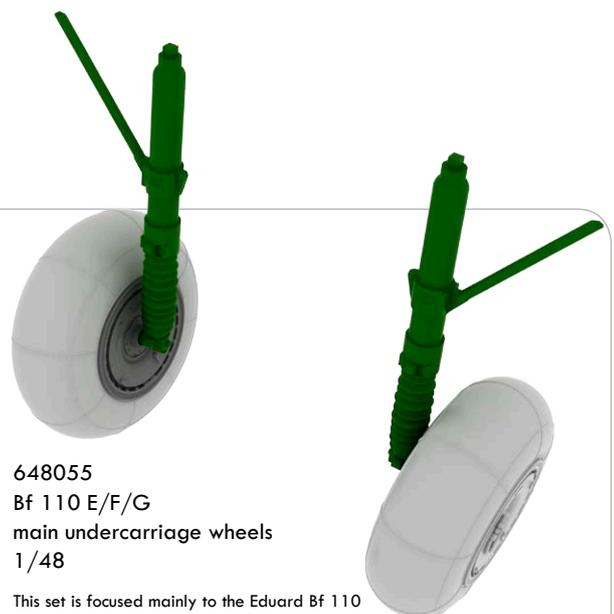
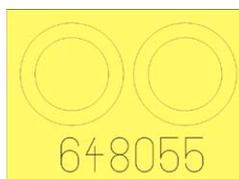
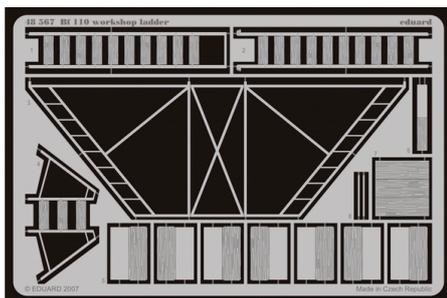
The Weekend edition brings you the cheap variant of Eduard kit Bf 110F in interesting configuration of Luftwaffe night fighter with external antennae equipment in 1/48 scale, now in WW2 Rumanian equipment in 1/48 scale, now in WW2 Rumanian marking. User friendly decals in high quality are designed and printed by Eduard. This kit, in very fair price, contains photo-etched radar antennae. The painting mask is not included.

**BUY Bf 110F Nachtjäger 1/48**

**WE RECOMMEND:**

Photo-etched set and Brassin accessories.

48567 Bf 110 workshop ladder 1/48



**648055**  
Bf 110 E/F/G  
main undercarriage wheels  
1/48

This set is focused mainly to the Eduard Bf 110 1/48 kits. It offers an accurate reproduction of the main landing gear in their late variant used on E, F, G versions. This set contains the resin main landing gear tires with separate discs and painting mask.

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

# BIG ED



32741 F-84 seatbelts (BIG3318)



48738 MiG-21BIS accessories (BIG4973)



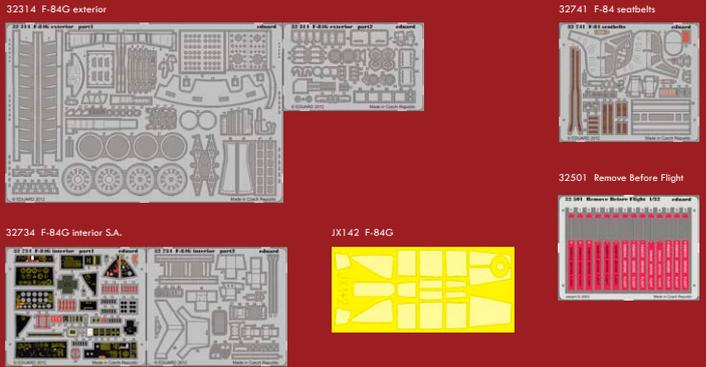
48718 MiG-21BIS exterior (BIG4973)



72531 Ju 88A-4 exterior (BIG7275)

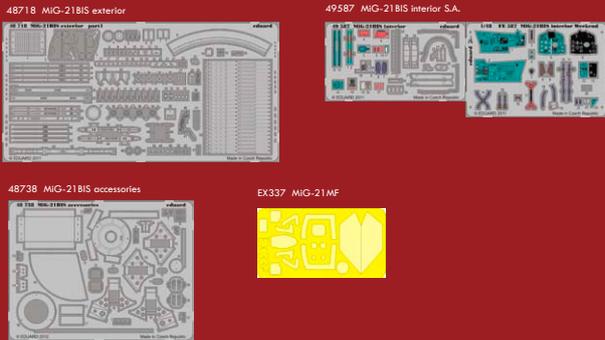
- BIG3318 F-84G 1/32 HOBBY BOSS**
- BIG4973 MiG-21BIS 1/48 EDUARD**
- BIG7275 Ju 88A-4 1/72 REVELL**

**BIG3318 F-84G 1/32 HOBBY BOSS**



BIG ED collection for the Hobby Boss 1/32 F-84G contains five sets covering exterior, interior, seatbelts, Remove before flight tags and a painting mask.

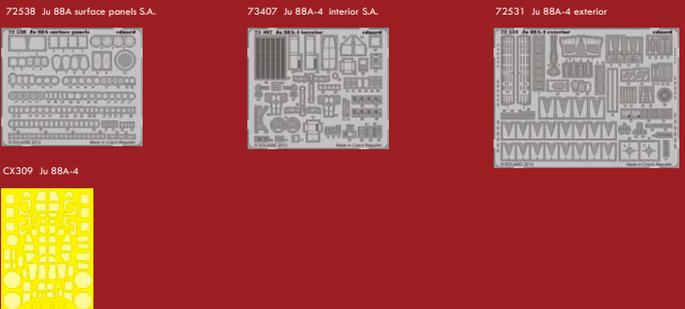
**BIG4973 MiG-21BIS 1/48 EDUARD**



BIG ED collection for the Eduard 1/48 MiG-21BIS 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.

**BIG7275 Ju 88A-4 1/72 REVELL**

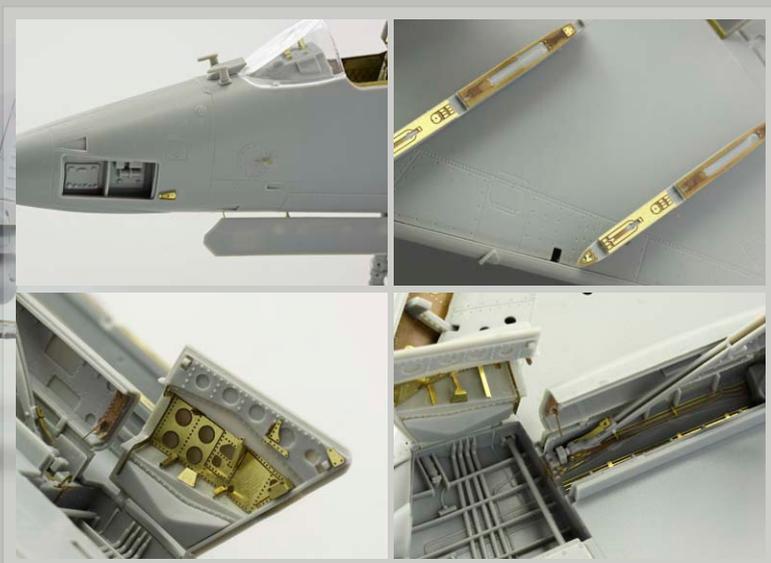


BIG ED collection for the Revell 1/72 Ju 88A contains four sets covering exterior, interior, surface panels and a painting mask.

# PHOTO-ETCHED SETS

SELECTED\*

**A-4M exterior** 1/32 Trumpeter (32745)



**A-4M slats** 1/32 Trumpeter (32317)

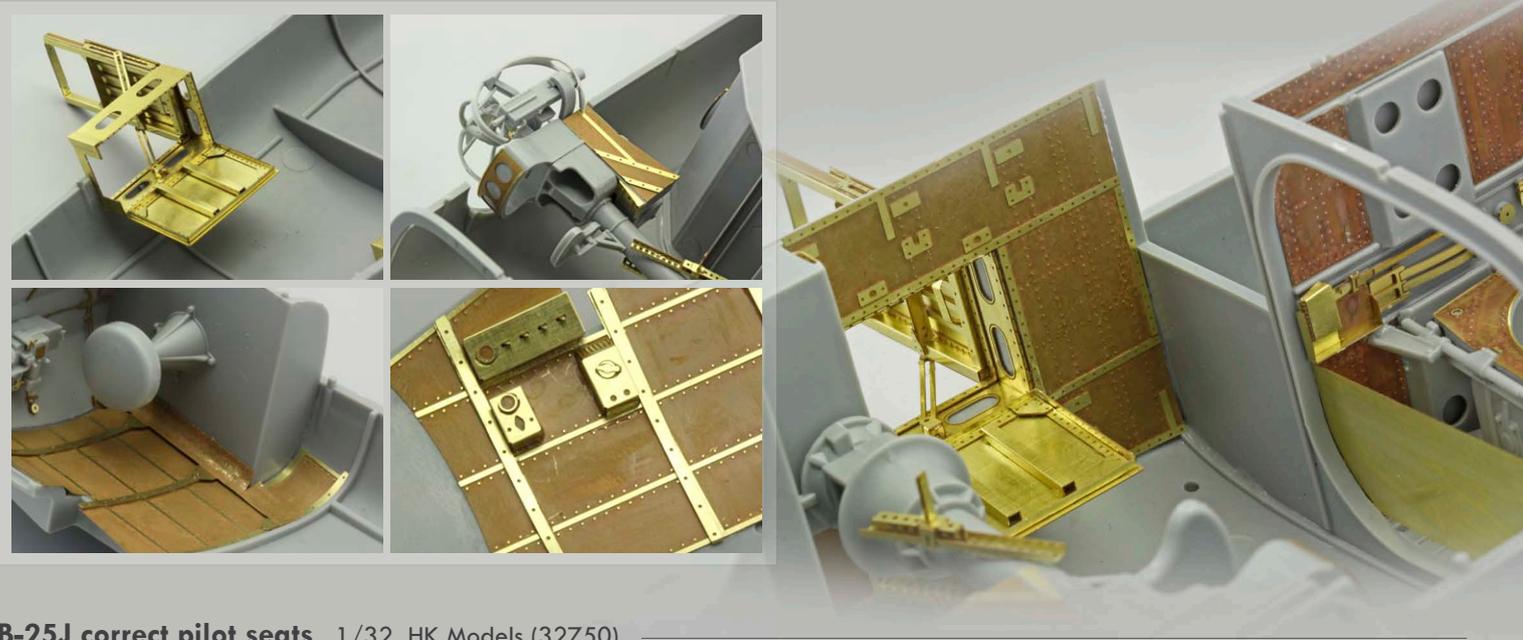


**A-4M landing flaps** 1/32 Trumpeter (32318)



\* Cely sortiment fotoleptů pro tento měsíc naleznete na str. 22.

B-25 fuselage interior 1/32 HK Models (32756)



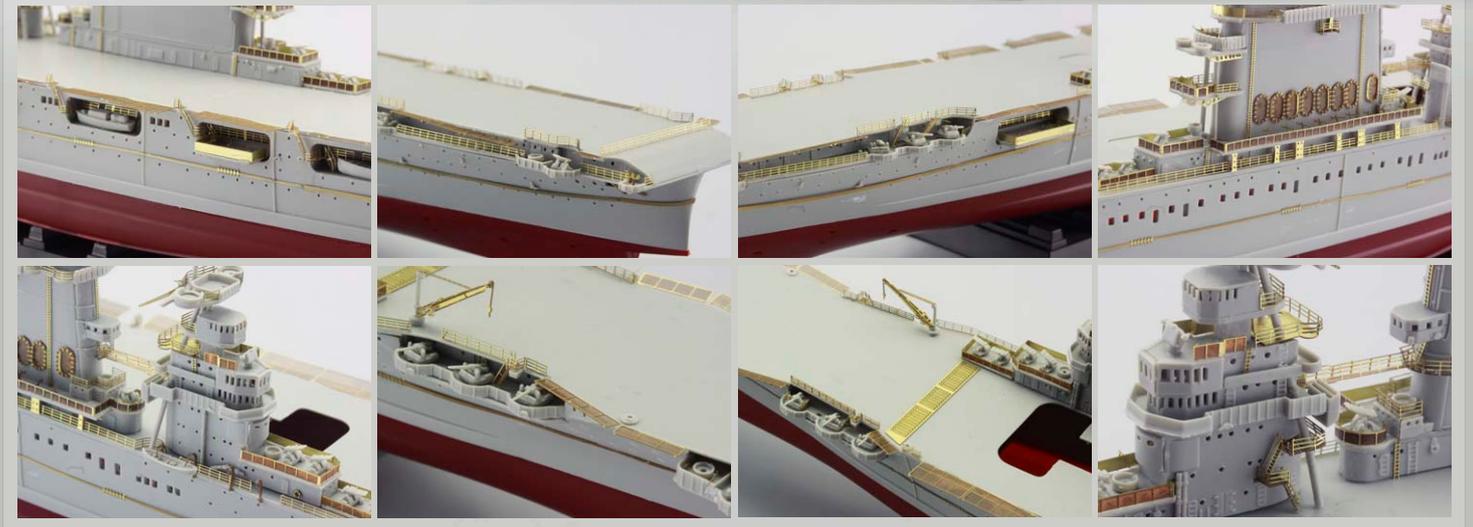
B-25J correct pilot seats 1/32 HK Models (32750)



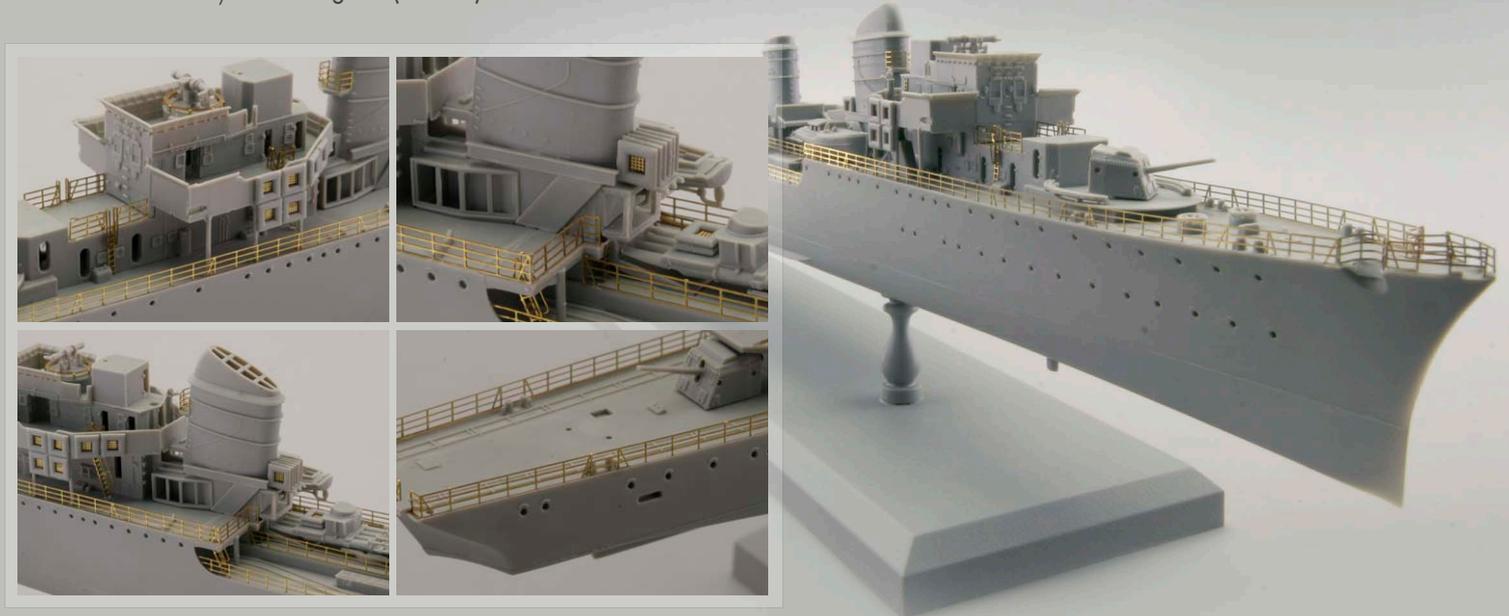
F-117 interior S.A. 1/32 Trumpeter (32744)



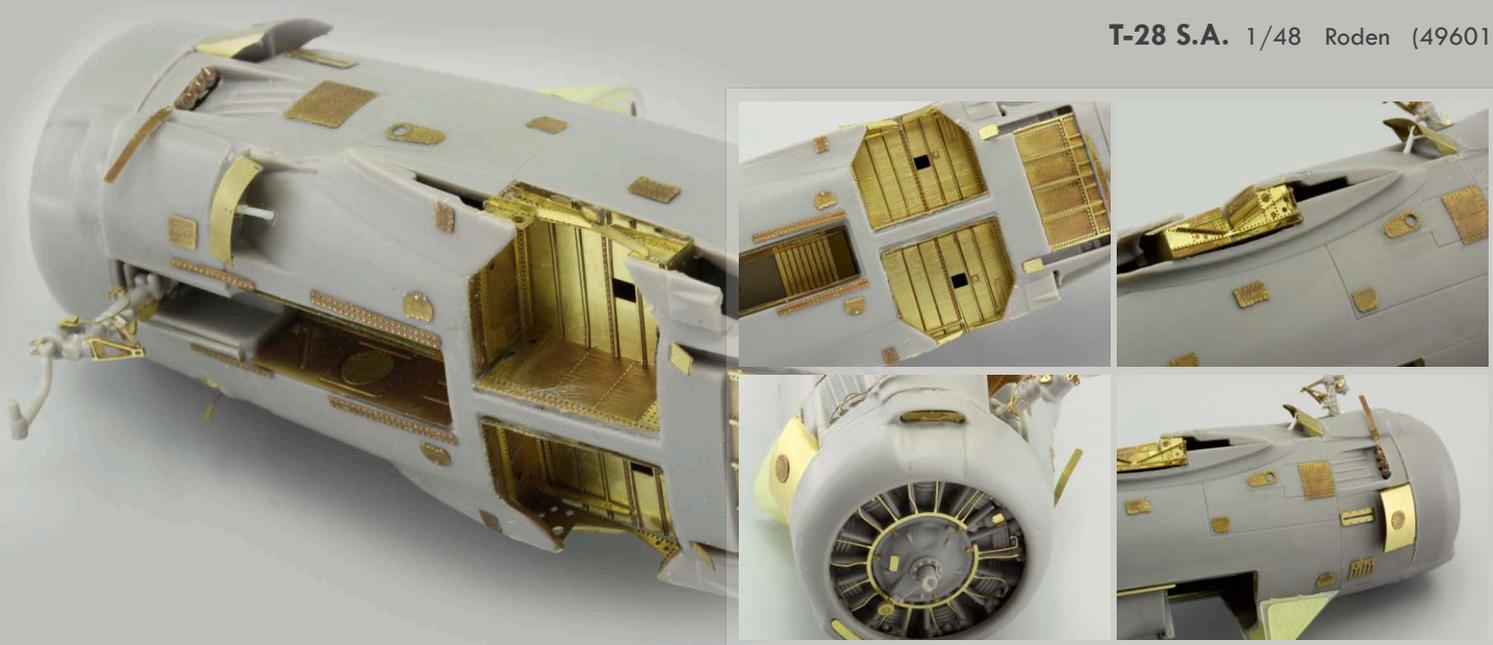
USS Lexington CV-2 05/1942 1/700 Trumpeter (17034)



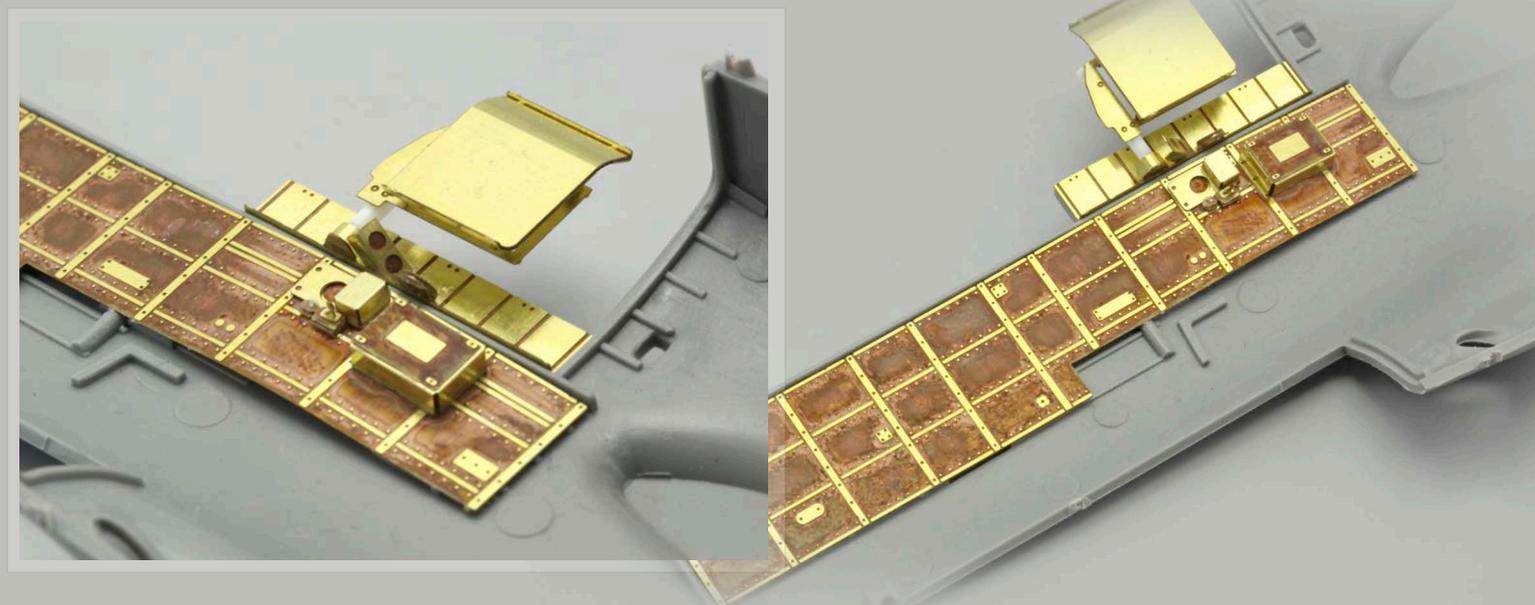
German Z-31 1/350 Dragon (53058)



T-28 S.A. 1/48 Roden (49601)



P-61A gun turret S.A. 1/48 Great Wall Hobby (49609)



Leaves Oak spring/dub jaro 1/35 Eduard (36205)



1/35

In September we're bringing you tulips, daffodils, Irises... and also spring oak leaves in 1/35th scale.

36223 Garden flowers/zahradní květiny colour

36205 Leaves Oak spring/dub jaro

36218 Leaves Oak autumn/dub podzim

# Garden flowers

colour photo-etched sets

**BUY garden flowers 1/35**



Bench and lamp are from Plus Model production.

[www.plusmodel.cz](http://www.plusmodel.cz)



# EDUARD GARDEN

1/72

## COLOUR PHOTO-ETCHED SETS FOR YOUR DIORAMA

Grapevine/vinná réva colour (73430)

Rushes/rákos colour (73443)

Sunflowers/slunečnice (73439)

Ivy-berry/břečťan colour (73444)

Leaves Palm Cocos Nucifera colour (73441)

Cactus colour (73437)



[WWW.EDUARD.COM](http://WWW.EDUARD.COM)

eduard



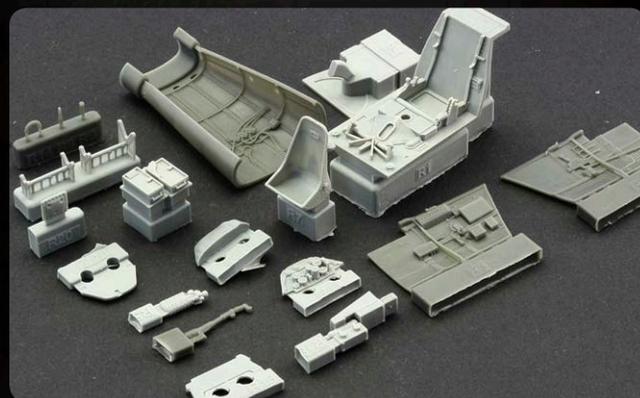
## Bf 109E cockpit and radio compartment

1/48 Eduard



This set is focused on Bf 109Es by Eduard in 1/48 scale. This set solves the complete interior in an incredible detail, including floor, pilot's seat, side walls, back armor and instrument panel area. The second covered area is the fuselage radio compartment interior.

**BUY Bf 109E cockpit and radio compartment 1/48**



648075

## Browning M-2 guns (6pcs)

1/48

This set contains six pieces of immortal US 50 caliber machine gun M-2 by Browning or Frigidaire.

(50 caliber = 0.5" = 12,7 mm)

The gun body, barrel cooler and all external accessories are beautifully reproduced in an incredible detail.

This set, containing 6 guns, is to be used for models of US bombers with fully opened gunbays.

**BUY Browning M-2 guns 1/48**



648077

## Browning M-2 guns (2pcs)

1/48

This set contains two pieces of immortal US 50 caliber machine gun M-2 by Browning or Frigidaire.

(50 caliber = 0.5" = 12,7 mm)

The gun body, barrel cooler and all external accessories are beautifully reproduced in an incredible detail.

**BUY Browning M-2 guns 1/48**





## 648076 MG 131 mount for Fw 190D-9 1/48 Eduard

Set contains fuselage weapon MG 131, 13 mm caliber and their accessories like lafetage and fuselage bulkheads. Set is focused to Eduard Fw 190D-9 in scale 1/48.

**BUY MG 131 mount 1/48**



## 648078 B-17 wheels 1/48 Eduard

Very detailed main wheels of B-17 in the 1/48 scale. Excellent detail especially for G series model by any manufacturer. The tire pattern is one of the most often used.



**BUY B-17 wheels 1/48**



# eduard

**KITS**

84145	Bf 110F Nachtjäger	1/48	Weekend
8262	Bf 109E-3	1/48	ProfiPACK
4424	Ju 52	1/144	SUPER 44

**PE-SETS**

144004	Ju 52	1/144	Eduard
17034	USS Lexington CV-2 05/1942	1/700	Trumpeter
32317	A-4M slats	1/32	Trumpeter
32318	A-4M landing flaps	1/32	Trumpeter
32319	B-25J exterior	1/32	HK Models
32320	B-25 ammunition belts	1/32	HK Models
32756	B-25 fuselage interior	1/32	HK Models
32742	A-4M interior S.A.	1/32	Trumpeter
32743	A-4M Escapac seatbelts	1/32	Trumpeter
32744	F-117 interior S.A.	1/32	Trumpeter
32745	A-4M exterior	1/32	Trumpeter
32750	B-25J correct pilot seats	1/32	HK Models
32754	F-117 seatbelts	1/32	Trumpeter
36205	Leaves Oak spring/dub jaro	1/35	
36220	MPCV 6x6	1/35	Bronco
36223	Garden Flowers/zahradní květiny colour	1/35	
48740	T-28 surface panels S.A.	1/48	Roden
49601	T-28 S.A.	1/48	Roden
49609	P-61A gun turret S.A.	1/48	Great Wall Hobby
53058	German Z-31	1/350	Dragon
72537	B-17 surface panels S.A.	1/72	Revell
72539	Valiant BK.MK.I surface panels S.A.	1/72	Airfix
72541	Valiant BK.MK.I undercarriage	1/72	Airfix
73440	Wild Flowers, Butterfly/polní květiny, motýli	1/72	
99061	USN Aircraft	1/350	

**ZOOMS**

FE601	T-28 S.A.	1/48	Roden
FE609	P-61A gun turret S.A.	1/48	Great Wall Hobby
33110	A-4M interior S.A.	1/32	Trumpeter
33111	F-117 interior S.A.	1/32	Trumpeter

**MASKS**

CX324	SB2C-4	1/72	1/72	Cyber Hobby
CX325	Spitfire F Mk.VIIIb	1/72	1/72	Italeri
CX327	HAS.3	1/72	1/72	Italeri
CX329	Harrier FRS.1	1/72	1/72	Italeri
CX330	Su-27UB	1/72	1/72	Trumpeter
EX363	P-61A gun turret	1/48	1/48	Great Wall Hobby
JX144	Ju 87B-2	1/32	1/32	Trumpeter
JX143	B-25J bomber	1/32	1/32	HK Models
XT186	M-113 ACAV wheel masks	1/35	1/35	Italeri

**BIG ED**

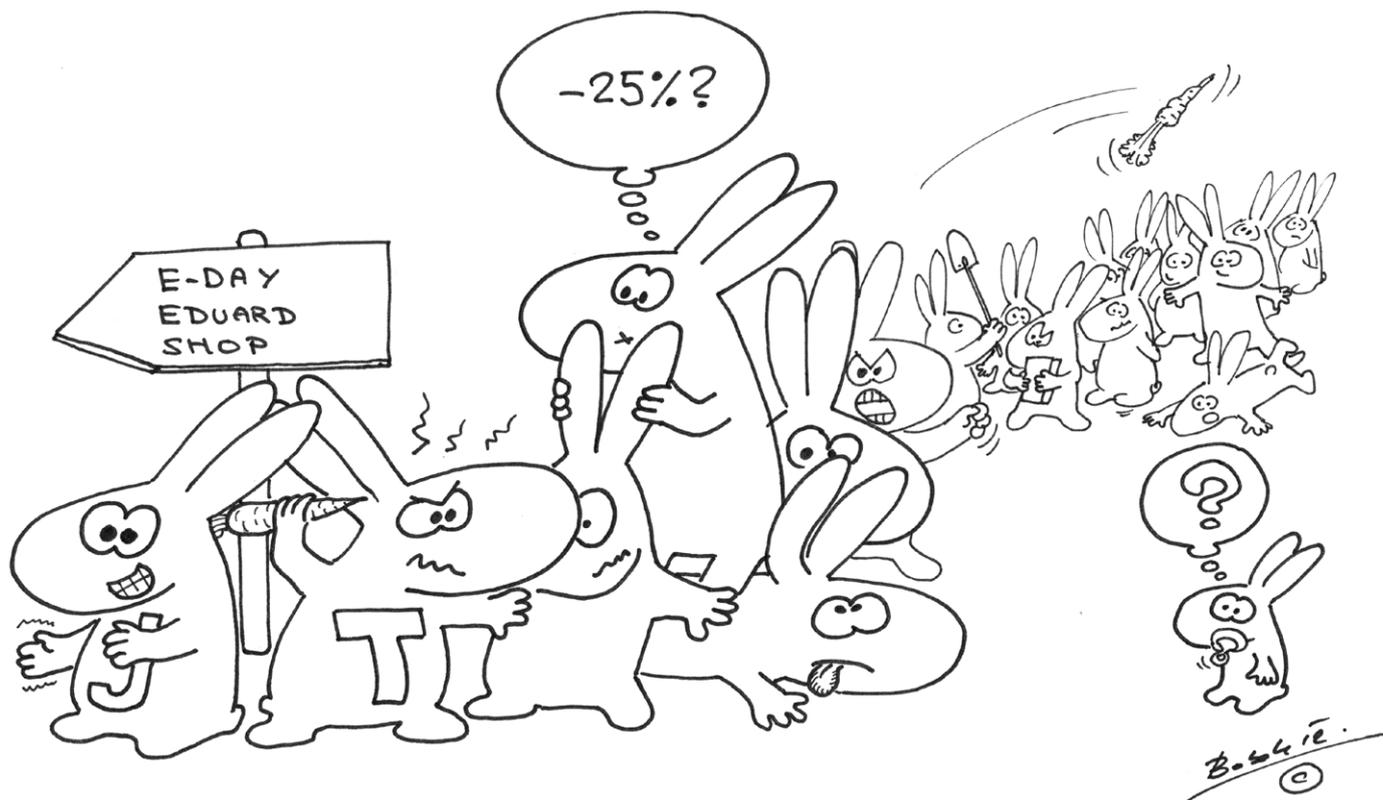
BIG3318	F-84G	1/32	1/32	Hobby Boss
BIG4973	MiG-21 BIS	1/48	1/48	Eduard
BIG7275	Ju 88A-4	1/72	1/72	Revell

**BRASSIN**

648074	Bf 109E cockpit and radio compartment	1/48	Eduard
648075	Browning M-2 guns (6pcs)	1/48	
648076	MG 131 mount for Fw 190D-9	1/48	Eduard
648077	Browning M-2 guns (2pcs)	1/48	
648078	B-17 wheels	1/48	

BUY na e-shop Eduard

## Comments and input from J&T





# Flugzeug- maschinen- gewehr MG 131

Jan Zdiarský  
Petr Frank

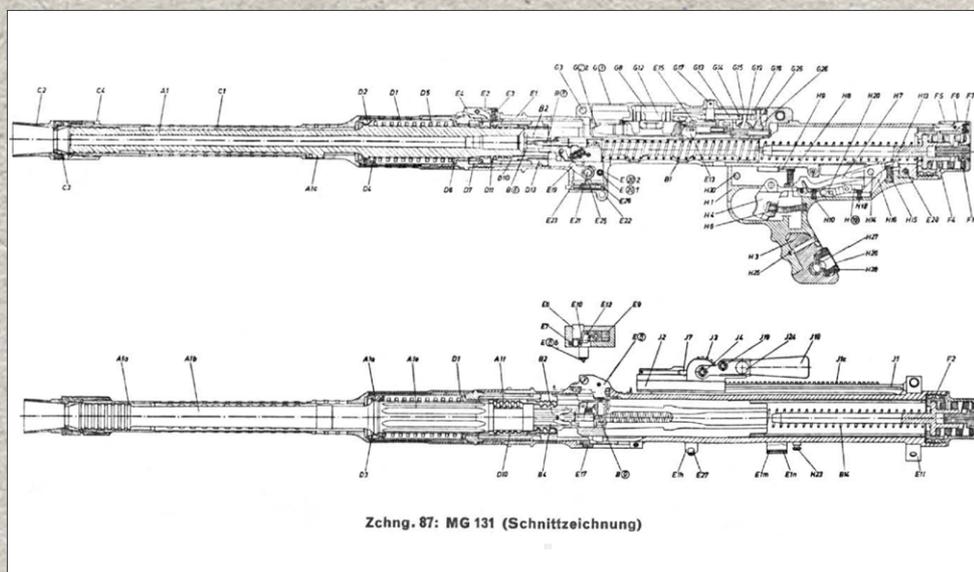
The origins of the MG 131 can be traced back to the 1930s, with the development of the MG 17 and MG 30 weapons (see Eduard Info 06/2012).

The 13mm MG 131 is most relevantly compared to the American Browning M-2 of 12.7mm caliber. There are, however, many other respects in which these two weapons that met each other often in air combat, differed.

The MG 131 was developed by the firm Rheinmetall-Borsig in 1938, and with minor deviation was in production between 1940 to 1945. The basic concept was for a weapon that would be hard mounted or could be mounted as a flexible gun, as in the case of defensive gun positions in bombers or heavy fighters.

Older MG 17s began to be supplanted by the more effective MG 131 in newer versions of aircraft from about 1942. The heavier rounds (about three times as heavy) were fired at around the same muzzle velocity, ensuring greater destructive power.

As an articulated weapon, the machine gun was used in the Me 210 and 410 (where they were



# HISTORY

used in the remotely operated FDSL B 131 turret), the Ju 88, Ju 388, He177 among others. In terms of use in fighters, this gun became the main fuselage mounted weapon in advanced versions of Luftwaffe aircraft such as the Bf 109 from the G-5/G-6) and the Fw190 (from the A-7 to A-9 and the D-9).

The feed mechanism in the MG 131 was electronic, which ensured greater reliability and consistent rhythm which in turn aided the reliability of the synchronization of the weapon when firing through the propeller arc. This was essential in aircraft such as the Fw190 and Bf 109 where the weapons were fuselage mounted. In this case, the guns proximity to one another required the ammunition to be fed from both sides.

Among the rounds fired by the MG 131, as with all higher caliber German aircraft guns, were high explosive rounds that were made to explode not on impact, but inside the target aircraft. The explosive rounds were mixed with tracer/incendiary rounds in the ammunition belts, as well as with armor piercing. In all, the MG 131 could fire some forty types of ammunition.

Production of the weapon continued to the end of the Second World War.

### Specifications:

Weight: 16.6kg (37lb)

Length: 1.17m (3.8ft)

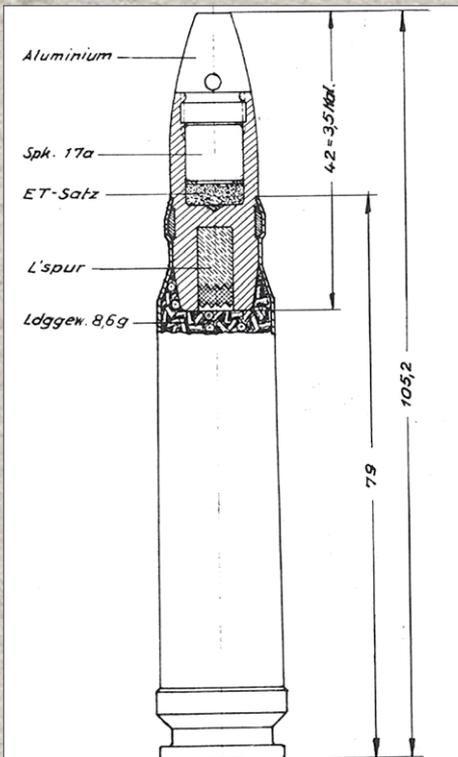
Muzzle Velocity: Approximately 750m/s (2,500ft/s)

Rate of Fire: Approximately 900 rounds per minute

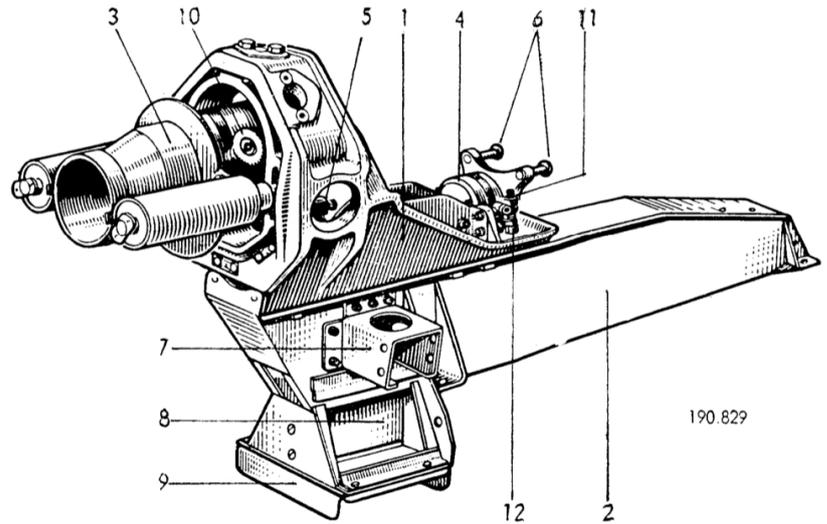
Photos: Bundesarchiv, Museum of Air battle over the Ore Mountains on Sept. 11th, 1944 Archive ([www.museum119.cz](http://www.museum119.cz)) and wartime handbooks.

### Sources:

- MG 131 Waffenhandbuch, Teil 1 - 4, RLM 1941
- MG 131 Munitionsarten, 1941
- Fw 190 A-7 und A-8 Schusswaffenanlage, RLM 1943
- Fw 190 A-7 bis A-9 Flugzeug-Handbuch, teil 8A Schusswaffenanlage, RLM 1944
- Bf 109 G-5 und G-6 Schusswaffenanlage, RLM 1943
- Bf 109 G-6/U4 Schusswaffenanlage, RLM 1944



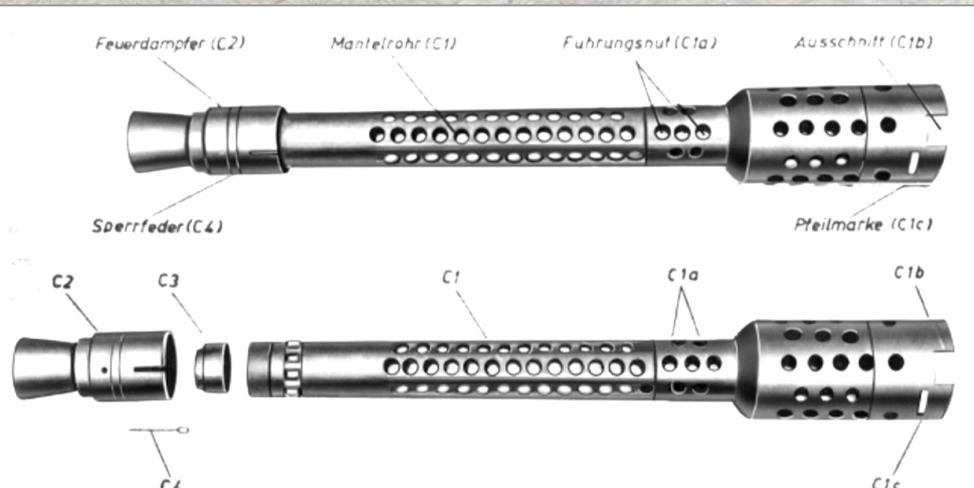
Explosive round sectional of the MG 131.



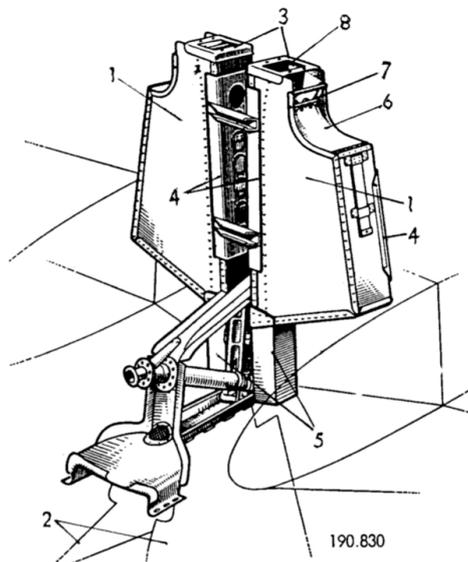
- |                              |   |
|------------------------------|---|
| 1 Starre Lafette StL 131/5 B | 7 Halteblech                            |
| 2 Lafettenträger             | 8 Hülsenabweiser                        |
| 3 Vorderes Lager             | 9 Vollgurtkastenhalterung               |
| 4 Hinteres Lager             | 10 Rastknopf                            |
| 5 Kontaktplatte              | 11 Justierschraube für Seitenjustierung |
| 6 Kugelzapfen                | 12 Justierschraube für Höhenjustierung  |

Abb. 4: Starre Lafette und Lafettenträger für Rumpfwaffe

MG 131 mounting in the nose of the Fw190.



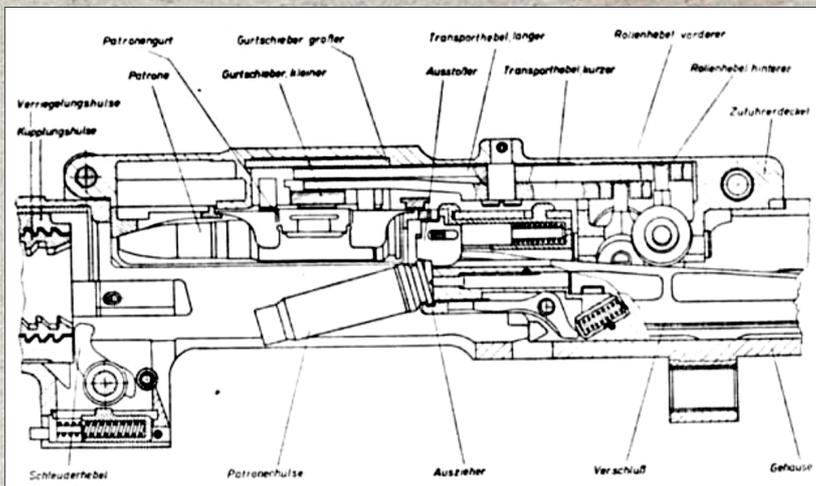
Cooling and muzzle arrangement of the MG 131.



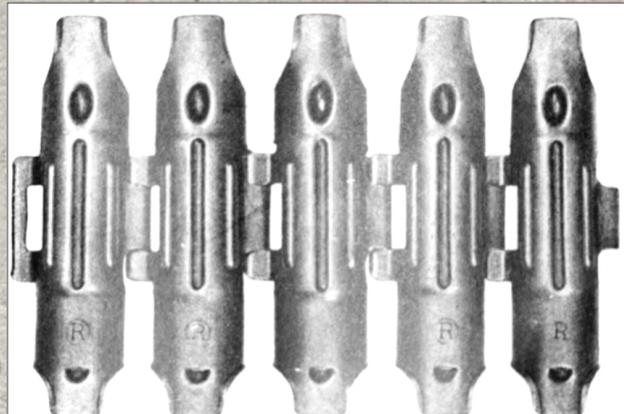
- |  |
|--|
| 1 Vollgurtkasten                                   |
| 2 Radklappe  |
| 3 Vollgurtkastenhalterung                          |
| 4 Vollgurtkastenführung                            |
| 5 Schwenkbarer Leergurt- und Hülsenschacht         |
| 6 Klappe   |
| 7 Riegelverschluss                                 |
| 8 Schacht für Gurtglieder- und Leerhülsenabführung |

190.830

13mm ammo case location in the Fw190 fuselage.



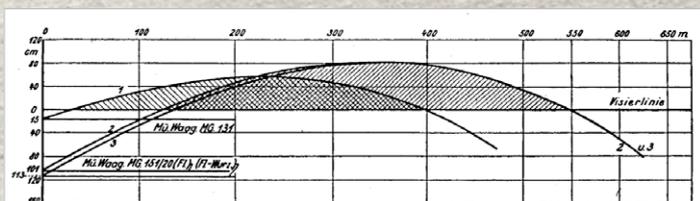
Spent casing ejectors of the MG 131.



13mm ammunition belt.



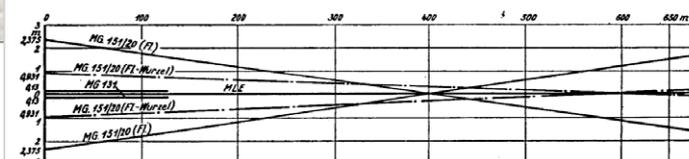
Front part of the MG 131 from Bf 109G of Uffz. Heinz Schien (JG 4), that was shot down on 11 September 1944.



Geschößflugbahn:	Größte Höhe üb. Visierlinie:	Schnittpunkte mit der Visierlinie:
1 = 2 MG 131 (Rumpf, 13 mm Spr.Gr.Patr.Üb.El. ....)	= 57 cm	erster: bei 30 m
2 = 2 MG 151/20 (Flügel), 2 cm Spr.Gr.Patr.Üb. 151	= 84 cm	zweiter: bei 400 m
3 = 2 MG 151/20 (Flügel-Wurzel) 2 cm Spr.Gr.Patr.Üb. 151	= 82 cm	bei 120 m bei 550 m
		bei 135 m bei 550 m

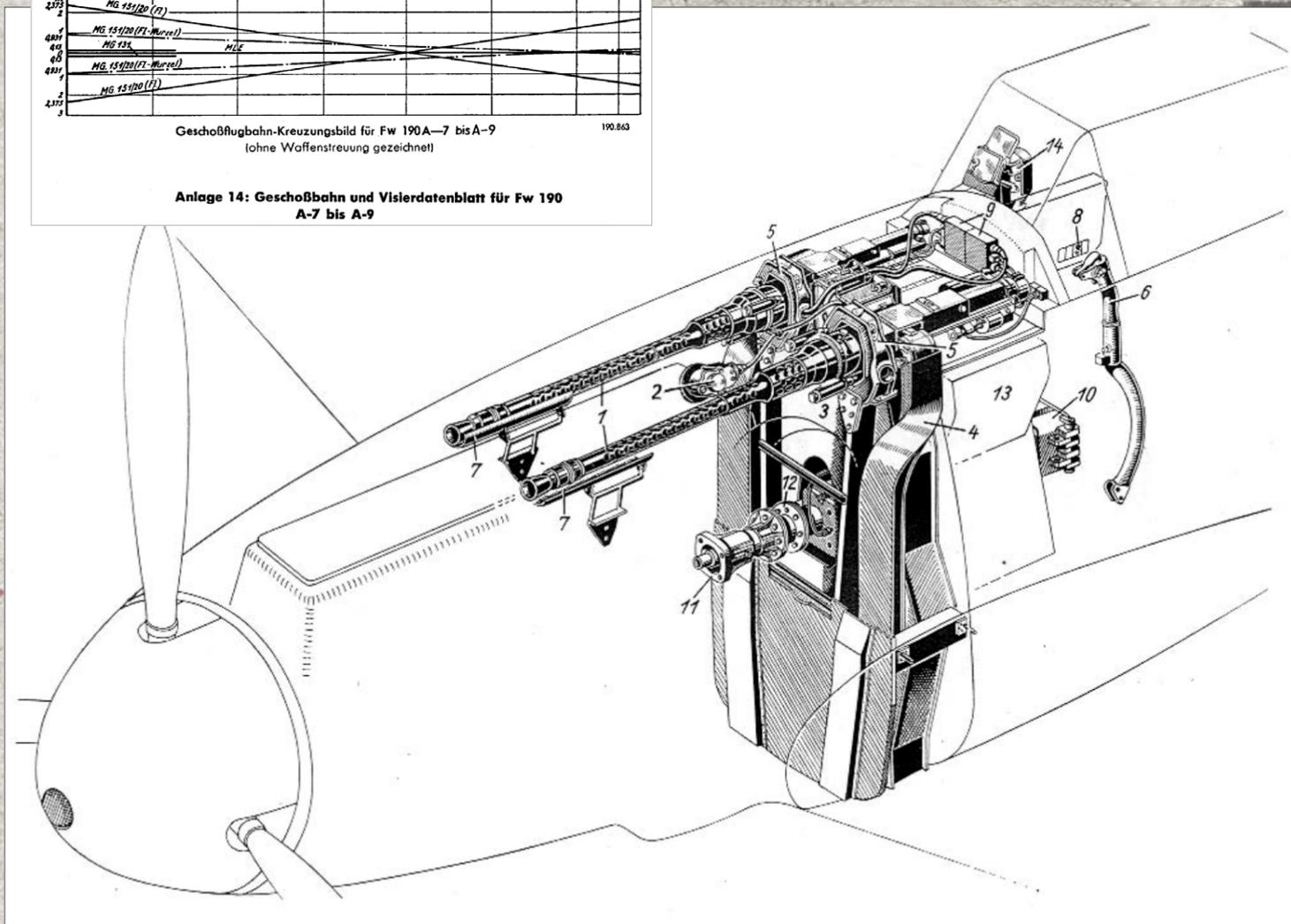
Geschößflugbahn-Schaubild für Fw 190 A-7 bis A-9 (ohne Waffensteuerung gezeichnet)

Ballistic characteristics and weapon synchronization in the Fw 190.



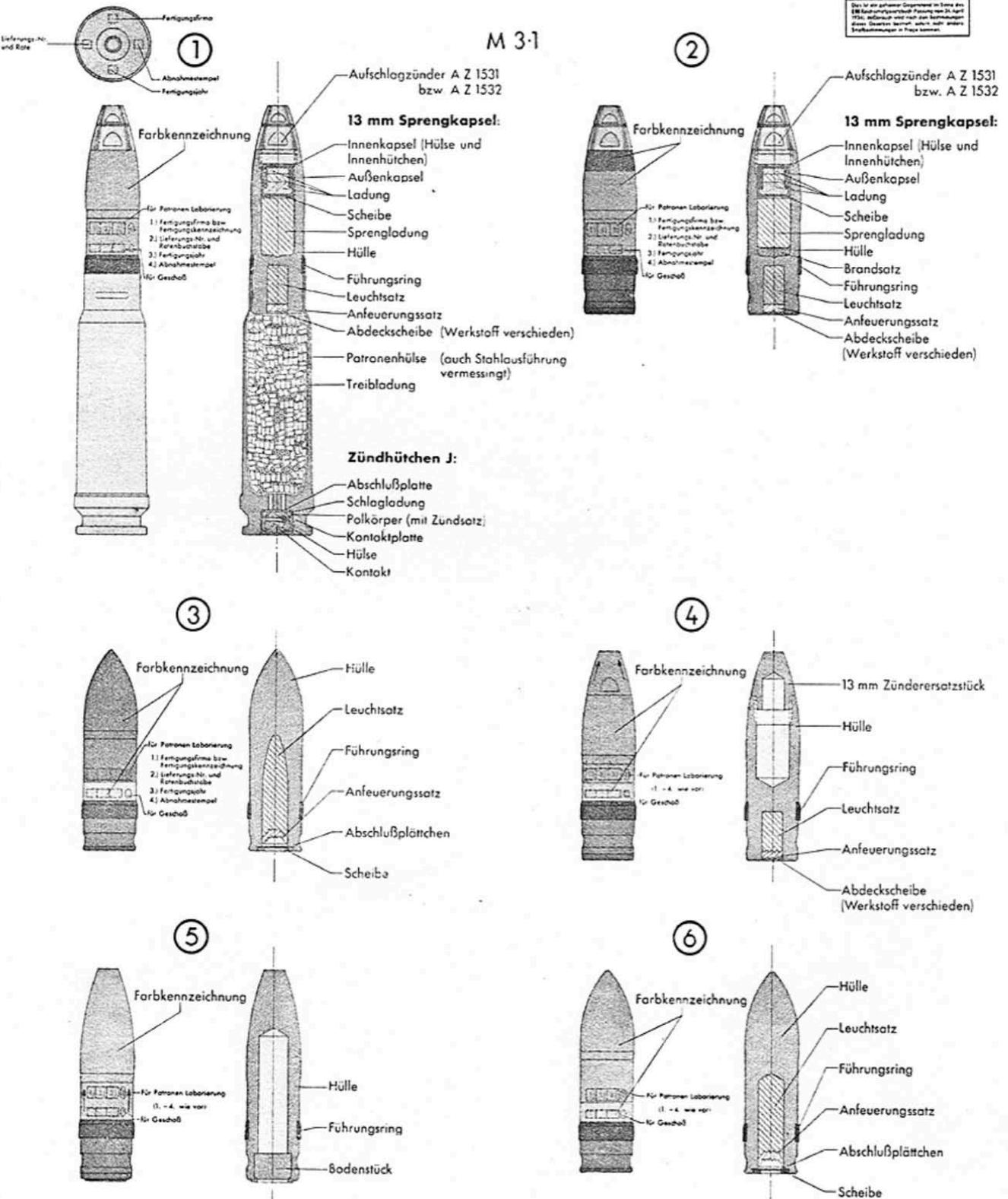
Geschößflugbahn-Kreuzungsbild für Fw 190 A-7 bis A-9 (ohne Waffensteuerung gezeichnet)

Anlage 14: Geschößbahn und Visierdatenblatt für Fw 190 A-7 bis A-9



MG 131 mounting in the Bf109G-6.

# Bordwaffenmunition für MG 131



M 1:1

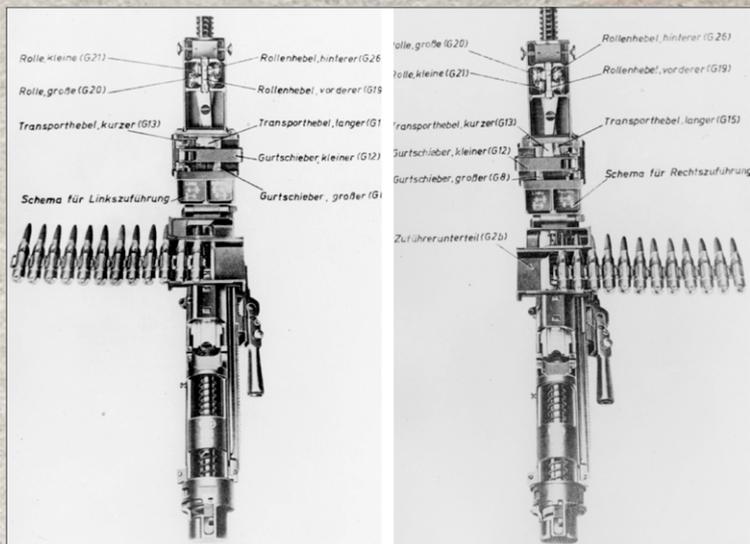


Farbenskala, gilt nur für Werkstoffe	Inhaltsverzeichnis	Pulverart der Patrone
Stahl	① 13 mm Sprgr. Patr. Lspur Üb	Nz. R.P. 1.8. 12.02
Kupfer	② 13 mm Sprgr. Lspur	Nz. R.P. 1.8. 12.02
Messing	③ 13 mm Sprgr. Lspur Üb	Nz. R.P. 1.8. 12.02
Weißmetall u. ähnl. Legier	④ 13 mm Sprgr. Lspur Üb	Nz. R.P. 1.8. 12.02
Leichtmetall, Aluminium	⑤ 13 mm Sprgr. Üb	Nz. R.P. 1.8. 12.02
	⑥ 13 mm Sprgr. Lspur Üb	Nz. R.P. 1.8. 12.02
	Sprengstoff gepreßt	Brandsatz
	Anfeuerungssatz	Leuchtsatz
		Knallsatz

Fl Ob 13-045

Stand vom August 1941

Nezwischen angeordnete Änderungen beachten und darauf hinweisen!



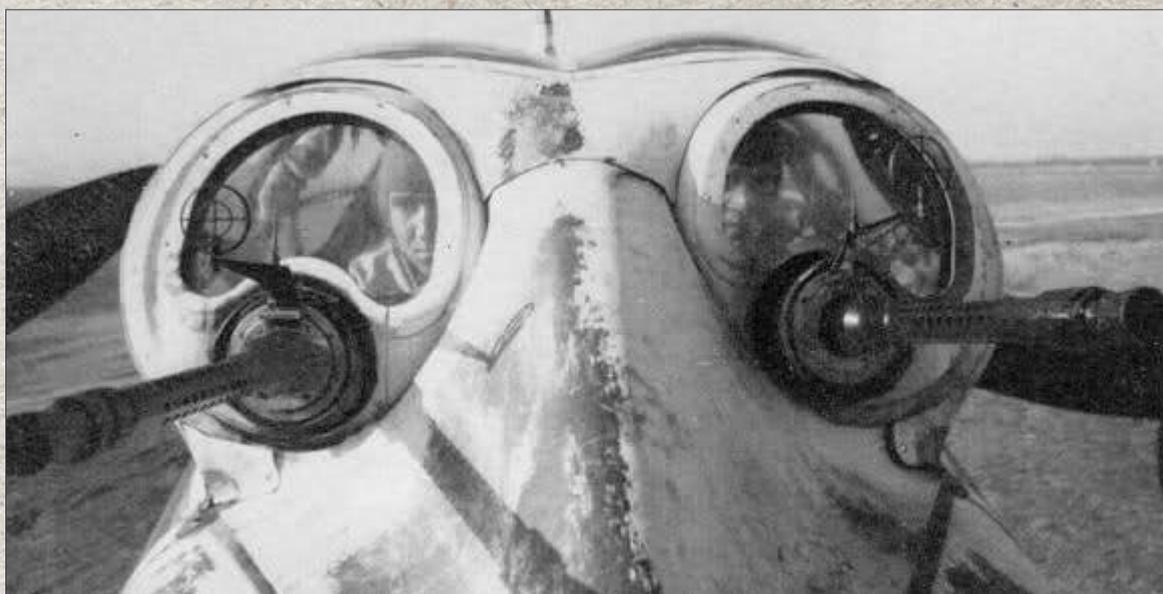
Left and right side ammunition feed for the fuselage guns.



MG 131 / He 177



MG 131 / Fw 190A



MG 131 / Ju 88




## EXHIBITION

### WORKSHOPS – MODELBRNO XXL 2012

Throughout Friday and Saturday you have the option to watch several pros in specialized modeling workshops, as seen on MODELBRNO 2011.

### MERRIMACK KLUB

Exposition of ships in 1:100 scale  
Functional models exhibition in the pool, debarkation against coastline fortress  
Consultations for interested scale kit builders  
Duel of Monitor and Merrimack

Merrimack Club will allow kids controlling the models. There are going to be 2 remote controllers on the pool.

### SIMULATORS

There will be 4 high-end PC's available, watched over by Eday workers, which will also look after your kids. They will be there also to eventually explain controls of the game, loading levels, etc. Your kids will be able to play Need For Speed: Shift with force-feedback driving wheels.

4 high-end PC's  
Force-feedback driving wheels  
Game "Need For Speed: Shift" to be played

### BF 109 G-6 FUSELAGE REPLICA

On this year's E-day you'll be able to see replica of the middle fuselage of Bf 109 G-6 with cockpit, which was used as prop during making of American movie "Red Tails".

## COMPETITORS

Part of E-day event is official point competition of plastic scale models (under legislation of IPMSCZE), competition "Hobby" (Kids, Cadets, Masters – seniors), SIG competition and others (special prizes and trophy).

You can find information about registration for each competition on <http://www.eday.cz/en/about-event/competitors/>.

Each competitors will gain free-entry ticket for both days of the competition. In order to receive the ticket, you have to keep your model on exhibition place until the end of the exhibition(Saturday 16:00).

Registering model on the place to Masters category is only possible on Thursday – 27.9.2012. On Friday – 28.9.2012, in advance registered models and models of foreign competitors will be accepted preferentially.

## E-DAY 2012 DISCOUNT COUPONS FOR EXHIBITION MODELS

### Discount coupon for 50 CZK

- reward for first exhibition model in championship CR, category Masters

### Discount coupon for 20 CZK

- reward for each further exhibition model in championship CR and for each model in other competition categories
- Doesn't apply for SIGs and models at seller stands
- Maximum amount of collected reward can be 200 CZK per person

Discount coupon can be applied at Eduard stand, during the E-day 2012 event (27.-29.9.2012).

Discount coupons are non-refundable.

## E-DAY 2012 PREORDERS

### THE EASIEST WAY TO GET YOUR PRODUCTS WITH DISCOUNT WITHOUT WAITING IN THE QUEUE!

- You can order between 3rd – 20th September 2012
- Your order will be prepared waiting for you to pick up at E-day 2012 (at Eduard stand)
- No payment in advance (you will pay upon pick up)
- You will be able to apply further E-day discount coupons upon payment

### Discount: 25% off of E-day prices

#### Instructions for ordering:

- While ordering at Eduard Store, choose these options in the 3rd step of the shopping cart
  - Shipping method: „E-DAY personally“
  - Payment method: „E-DAY-cash“
- After completing your order, you will receive confirmation email with number of your order. In two business days, we'll send you an invoice (in CZK currency) with applied 25% discount (please print the invoice or note your order number for your convenience)
- You can order in EUR, CZK and USD
- The final invoice will be in CZK currency
- You will be able to pay in cash in CZK and EUR currency (the final price in EUR will be converted using the exchange rate of that day)

# INTERNATIONAL SCALE KIT EXHIBITION

IPMS CZECH REPUBLIC

# eday



UNIQUE SHOW FROM  
THE WORLD OF SCALE PLASTIC KITS,  
INSPIRATION FOR CREATIVE KIDS  
AND PARENTS. COMEBACK  
OF YOUR CHILDHOOD.

**28.-29.9.2012**

**FRI 9.00 - 18.00 SAT 9.00 - 15.00**

**SHOPPING CENTER  
GALLERY BUTOVICE**

**PRAGUE**

**DON'T FORGET  
REGISTER**

PARTNERS:



ORGANIZER:

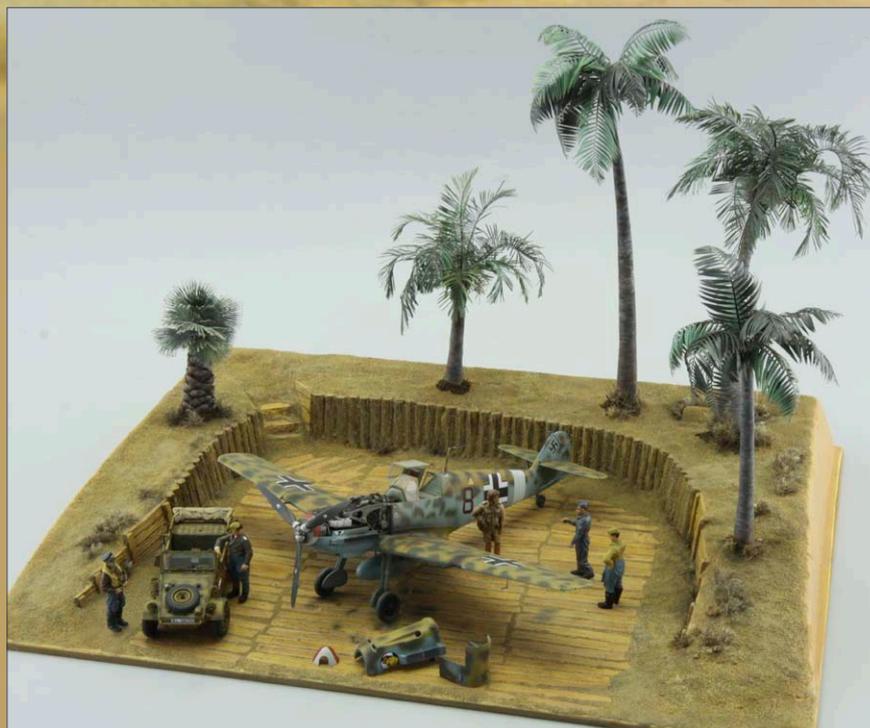
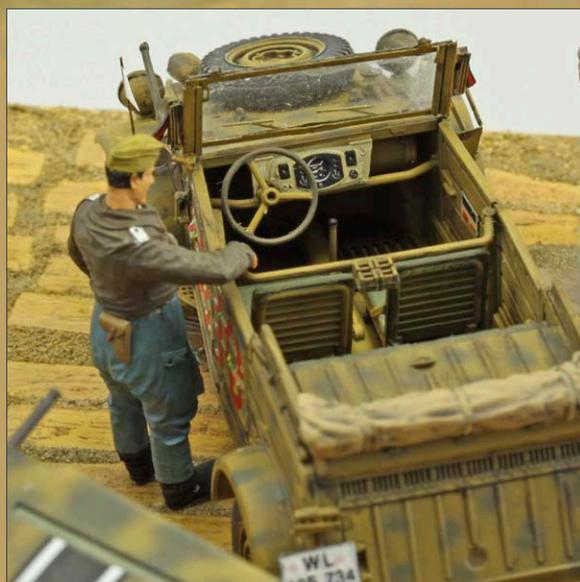
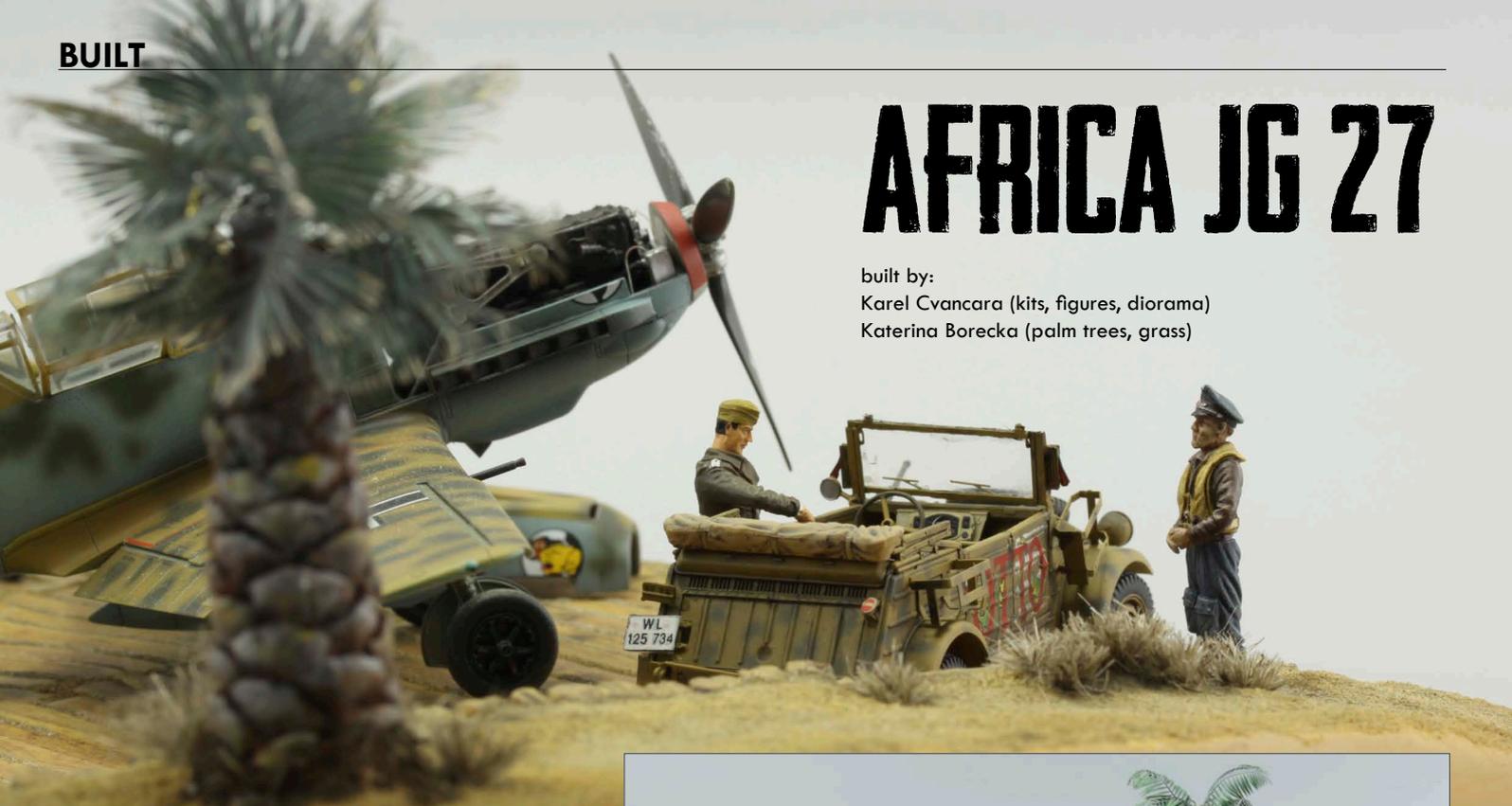
**eduard**

**WWW.EDAY.CZ**



# AFRICA JG 27

built by:  
Karel Cvancara (kits, figures, diorama)  
Katerina Borecka (palm trees, grass)



**PHOTO-ETCHED SETS:**

Kübelwagen type 82 1/48 (Tamiya)

- Palm trees: Leaves Palm Washington Filifera colour 1/35
- Leaves Palm Cocos Nucifera colour 1/35
- Leaves Palm Howea Belmoreana colour 1/35





Bf 109E MG 17 mount 1/48

DB 601 A/ N engine 1/48

Bf 109E wheels 1/48

built by Karel Cvancara

# Bf 109E-7 1/48

„Schwarze 8“, 2./JG 27, Ain-el-Gazala airfield, Libya 1941

BRASSIN ACCESSORIES



**BIG ED**

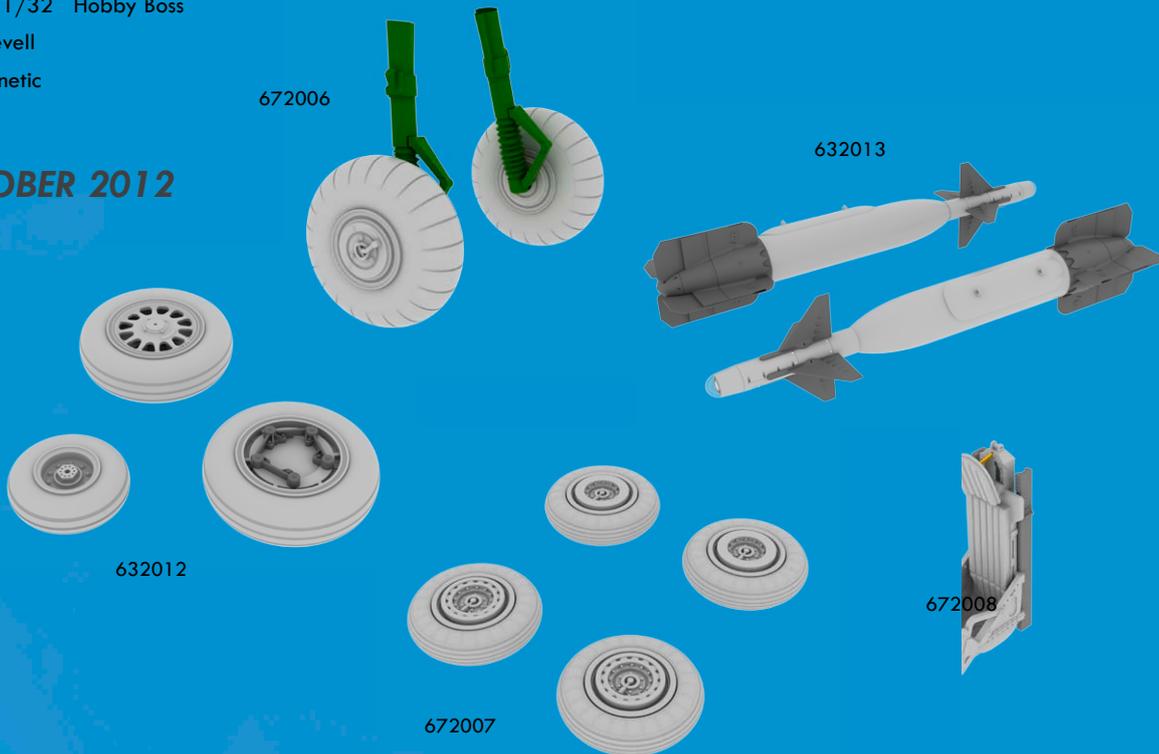
OCTOBER 2012

- BIG3319 SPITFIRE Mk.Vb 1/32 Hobby Boss
- BIG4974 PV-1 1/48 Revell
- BIG4975 A-6E 1/48 Kinetic

**eduard  
BRASSIN**

OCTOBER 2012

- 632012  
**F-117A wheels**  
1/32 Trumpeter
- 632013  
**GBU-24 bomb**  
1/32
- 648079  
**Il-2 UBT gun**  
1/48 Tamiya
- 672006  
**Bf 110C/D wheels**  
1/72 Eduard
- 672007  
**MiG-15 wheels**  
1/72 Eduard
- 672008  
**MiG-15 ejection seat**  
1/72 Eduard



**KITS**

OCTOBER 2012



## PHOTO-ETCHED SETS

OCTOBER 2012

## PE-SETS

32315	F-117 bomb bay	1/32	Trumpeter	73449	Spitfire F.Mk.VII	1/72	Italeri
32316	F-117 exterior	1/32	Dragon 6581	73455	Hurricane Mk.IIc	1/72	Airfix
49051	Remove before flight UK	1/48		73460	B-17F interior S.A.	1/72	Revell
49604	P-40M S.A.	1/48	Hobby Boss	73461	B-17F front interior	1/72	Revell
49606	Me 262-A1/U2 S.A.	1/48	Hobby Boss	73462	B-17F rear interior	1/72	Revell
49618	Nato Falcons upgrade set	1/48	Eduard/Kinetic	99049	USS WASP Carrier Aircraft accessories	1/700	Hobby Boss
53059	German Z-25 1944 railings 1/350	1/350	Trumpeter				
53068	German Z-25 1944 1/350	1/350	Trumpeter				
53069	USS Arizona 1941 1/350	1/350	Hobby Boss				
53078	USS Arizona 1941 railings 1/350	1/350	Hobby Boss				
72546	B-17F bomb bay	1/72	Revell				
73020	Remove before flight UK	1/72					

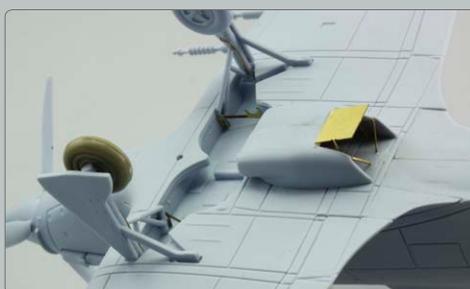
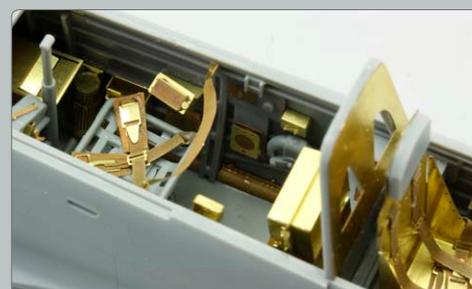
## ZOOMS

33113	Ju 87B-2 Interior S.A.	1/32	1/32	Trumpeter
FE606	Me 262-A1/U2 S.A.	1/48	1/48	Hobby Boss
FE617	Bf 110F Nachtjäger Weekend	1/48	1/48	Eduard
SS449	Spitfire F.Mk.VII	1/72	1/72	Italeri



## German Z-25 1944

1/350 Trumpeter

36219 StuG.III Ausf.G 1943  
1/35 Dragon 658149604 P-40M S.A.  
1/48 Hobby Boss49606 Me 262-A1/U2 S.A.  
1/48 Hobby Boss72546 B-17F bomb bay  
1/72 Revell73455 Hurricane Mk.IIc  
1/72 Airfix32751 Ju 87B-2 interior S.A.  
1/32 Trumpeter



LIMITED EDITION 1/72  
DUAL COMBO

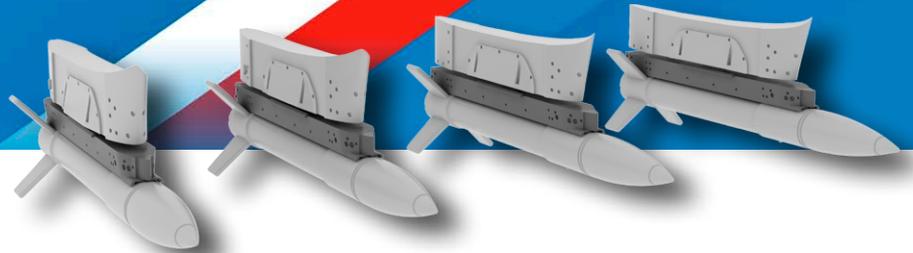


# ČESKOSLOVENSKÉ PATNÁČTKY

Cat.No. 2113

- Two complete kits (MiG-15 and MiG-15bisSB)
- 11 attractive markings

**BONUS:**  
Under wing armament (4 pcs of pylons, 4 pcs of adaptor racks and 4 pcs of Czechoslovak developed rockets LR-130).



## AFTERMARKET FOR MiG-15bis

672008  
**MiG-15 ejection seat**  
1/72 EDUARD

Set focused to Eduard brand new kit MiG-15 brings a very detailed ejection seat KK-1 used in MiG-15s with back side accessories for the seat installation in the cockpit.



672007  
**MiG-15 wheels**  
1/72 EDUARD

Set focused to Eduard brand new kit MiG-15 / MiG-15bis brings a very detailed main landing gear wheels. Set consists from two pairs of different design wheels (2 pcs each), including very detailed tire, disc and a brake. Painting mask included.

