

INFO EDUARD

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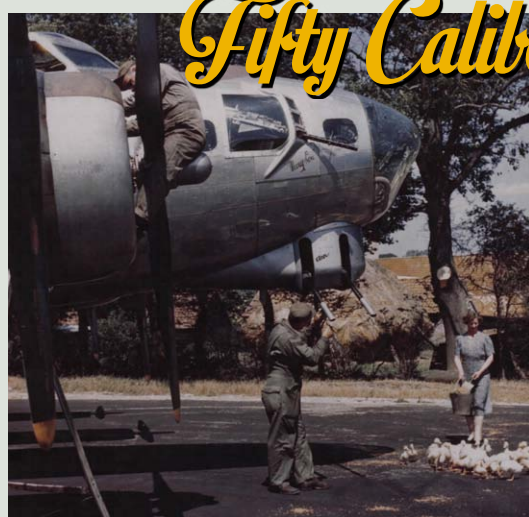
BUILT Jugs over Italy



GALLERY

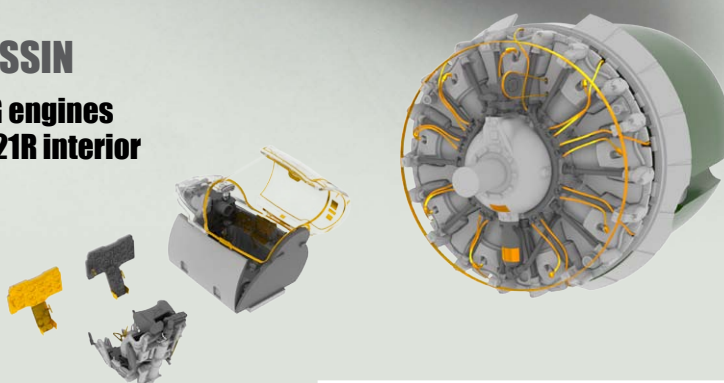
B-17 Browning M2
Machine Gun v B-17

HISTORY



BRASSIN

B-17G engines
MiG-21R interior



INFO **EDUARD**

ISSUE 42

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

December 2013

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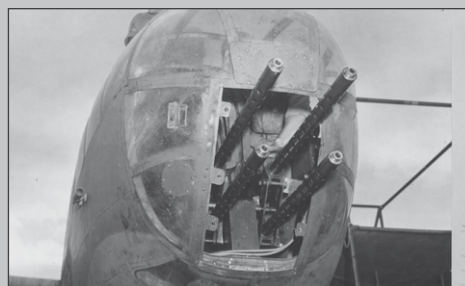
Jugs over Italy 1/48

GALLERY ■ 34

B-17 Browning M2 Machine Gun in the B-17

ON APPROACH ■ 42

January 2013



EDITORIAL

The inaugural Novemberfest event is behind us, and all of us here survived the hectic Saturday in more or less good health. We tried to shoe all of our visitors as precisely as possible the day to day operations of what we do. Due to the complexities involved, and the branching out of our operation, this was not as easy a feat as it may appear from the outside. Judging from the reaction of the participants, it would appear that the desired level of comprehension was there. The complete report is in this newsletter, and if you feel you would like to become more familiar with our company, you will certainly be welcome next year.

November saw the first anniversary of the launch of the Bunny Fighter Club. For the first half of next year, we are preparing a new club entry kit, a 1/72nd scale MiG-15bis, and also a new set of club offers. We finished the intensive mold preparations for the MiG-15 in November.

As with every preceding month, we have prepared a list of new items for December, some of which by their very nature deviate upwards from the usual standard. This month, this holds true for the sets for the B-17G in 1/32nd scale. Among the new Brassin sets, there is not only one containing 13 machine guns, but also the engines, and there could be some confusion generated in terms of what each set contains. We are releasing all four engines, each as a single set. The set designation contains the engine number as well as their position on the wings as shown in this bulletin, or as you can see on our website. At the same time, in the BIGSIN line, SIN63202 B-17G ENGINES 1/32 contains all four engines. The advantage of this package, as with other BIGSIN and BIG ED sets is the significant cost saving over the individual sets. Unfortunately, this doesn't mean that the sets become cheap. Another BIGSIN set coming out is SIN64809 SPITFIRE Mk.IX ADVANCED 1/48. This set contains none of the items from SPITFIRE Mk.IX ESSENTIAL 1/48. This month's set contains a deeper level of detail, requiring some cutting and filing. The third current offering with a minimal level of complexity by comparison are two sets of different Ju 88 wheels; their division into early and late styles requiring no further comment.

So as not to get too far from complexities, we also have two photoetched BIG ED sets likewise for the B-17G in 1/32nd scale. The contents of these sets are equivalent in depth to the kit itself, and the resulting production and retail costs are a bit of an

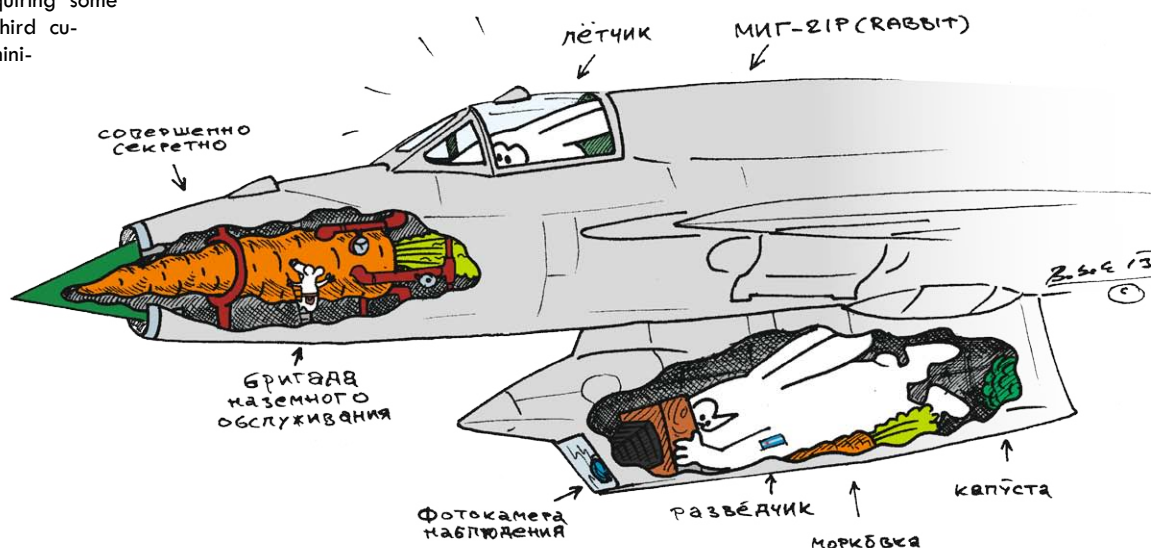
investment. In order to maximize the attractiveness to the end user, the kits are broken into two parts. Also, the price reduction and consequent advantage of these sets is increased over the average for the Big Eds. Staying with the photoetched offerings, I would also like to draw your attention to the sets for the new 1/32nd scale Ju 88A-4 from Revell which differ surprisingly over those offered for the A-1 version, and the first two sets for the 1/48th B-29. And yes, those are for the good 'ol Monogram kit. We decided that this would make a good addition to the sets of the B-17G and B-24J in the same scale from the same manufacturer that have proven to be very popular bestsellers over the past few years. Another five sets are being planned for the B-29 for January 2014. More fabric seatbelt sets are being released this month, as well, covering the 1/32nd scale P-51 and Ju 88, sets for the B-25 with the gun nose version, the A-1D Skyraider and Lynx HAS.3 in the same scale, as well as sets for our own 48th scale MiG-21R and Bf 110G-4 in 1/72. The 1/72nd scale items are also covered with sets for the SH-3D Seaking from Cyberhobby and the Lancaster B.Mk.I/III. For the sailors there is coverage of the Yamato in 1/450 scale, and two new figure sets. I am hoping that these provide a good counterbalance to all of the new attention being given to 1/32.

The main attraction insofar as kit releases go this month is the fifth of the MiG-21 ProfiPACK line, this time the dedicated photo reconnaissance version, the MiG-21R. The kit includes



a new wing, and the kit offers three versions of the recce pod, and a list of other details found specifically on this version. As usual, there are five marking options for this kit, mostly covering camouflaged aircraft and this is one of the most colorful aircraft in the MiG-21 line. I expect that at some point I will be getting a lot of mail about the need for a UM version, but for now, the R will need to suffice! In the Limited Edition line, the second, and for now final, version of the 1/48th scale P-47D is being released under the name 'Jugs over Italy', and the kit again consists of Academy plastic, resin and brass from Eduard and decals from Cartograf covering five Thunderbolts operating over Italy. My roundup for the month ends with the Weekend kit of the Bf 110G-4 in 1/72nd scale. I hope you enjoy this edition of the newsletter, and I wish all a very Merry Christmas and a Happy New Year!

Happy Modeling!
Vladimir Sulc



NOVEMBERFEST

29-30/11/2013



registration



registration



morning instructions



print of decals



print of decals

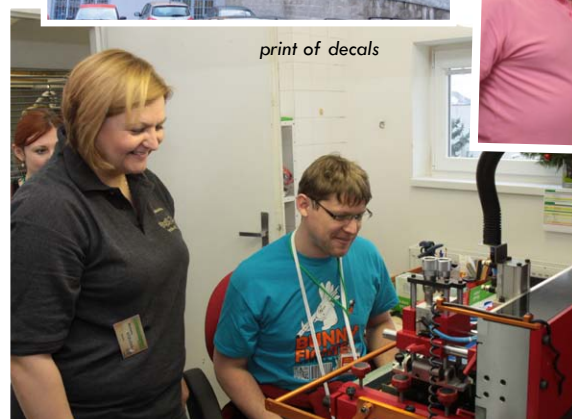


photo-etching workshop,
on the right Martin Nademlejský



photo-etching room



photo-etching room



sale department



photo-etching
room



Brassin production room



mask production

EVENTS

photo-etched
accessories designing



mask designing



Brassin
production room



Brassin production room



expedition



molding
workshop



molding
workshop



tools workshop



kit designing



molding
workshop



Brassin
production room



mask designing



decals designing



photo-etching room



our guests, Czech pilots



photo-etching room



photo-etching room



Jan Bobek



and Katerina...
she is working
on INFO :-)



store



store



evening party



evening party

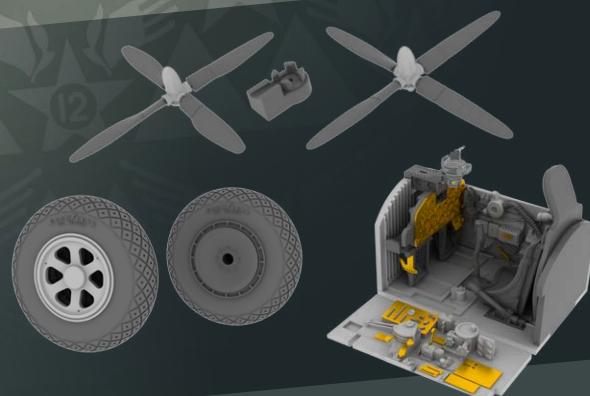


JUGS OVER ITALY

Limited edition

US WWII Fighter Aircraft

- plastic parts: Academy
- No. of decal options: 6
- Decals: Cartograf, Eduard (stencils only)
- PE parts: color
- painting mask: 1
- Resin parts: cockpit, propellers (Brassin), main undercarriage wheels,



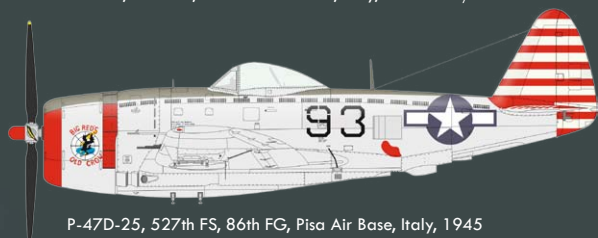
BUY Jugs over Italy 1/48



P-47D-27RE, s/n 42-26960, flown by Lt. Sylvester 'Bud' Hendricks, 65th FS, 57th FG, Grosseto Air Base, Italy, Fall 1944 / 1945



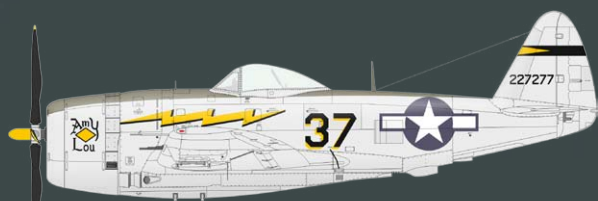
P-47D-25, flown by Capt. Edward F. Jones, 64th FS, 57th FG, Grosseto AB, Italy, Early 1945



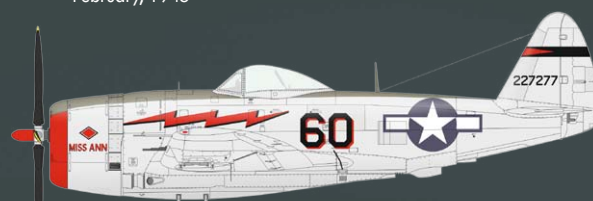
P-47D-25, 527th FS, 86th FG, Pisa Air Base, Italy, 1945



P-47D, 86th FS, 79th FG, Fano Air Field, Italy, February, 1945



P-47D-27RE, s/n 42-27277, 314th FS, 324th FG, Dole, France, winter 1944 / 1945



P-47D-27RE, s/n 42-27277, 315th FS, 324th FG, Early 1945

MiG-21R **RED EYE**

PROFI PACK 1/48
cat. no. 8238

Soviet Supersonic Recce Aircraft.

NEW TOOLS!

- plastic parts: Eduard
- No. of decal options: 5
- Decals: Cartograf, Eduard (stencils only)
- PE parts: color
- painting mask: 1



Czech Air Force, Air Test Department,
Caslav Air Base, Fall, 1994



353rd Reconnaissance Air Squadron, Yugoslavia, 1971



Polish Air Force, 32nd Tactical Reconnaissance Air Regiment,
Sochaczew – Bielice Air Base, Early 80s



Soviet Air Force, 263rd Independent Reconnaissance
Air Squadron, Kabul Air Field, Afghanistan, 1981

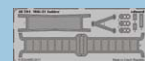


Cuban Air Force, 80ties – 90s

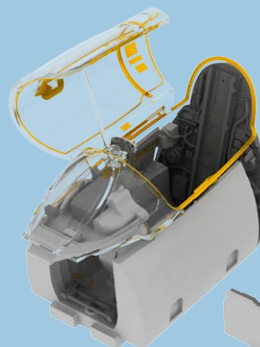
BUY MiG-21R 1/48



RECOMMENDED:



48704
MiG-21 ladder
(photo-etch)



648129
MiG-21R cockpit
BRASSIN

NEW!



648049
MiG-21 wheel
wells
BRASSIN



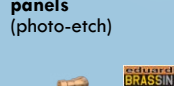
NEW!



48794
MiG-21R
exterior
(photo-etch)



48727
MiG-21 surface
panels
(photo-etch)



648080
MiG-21 under-
carriage legs
(BRONZE)

648026
MiG-21 wheels
BRASSIN

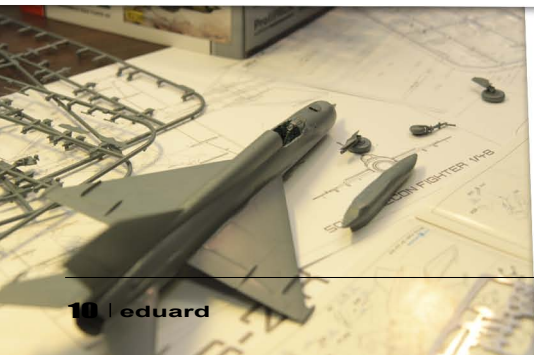
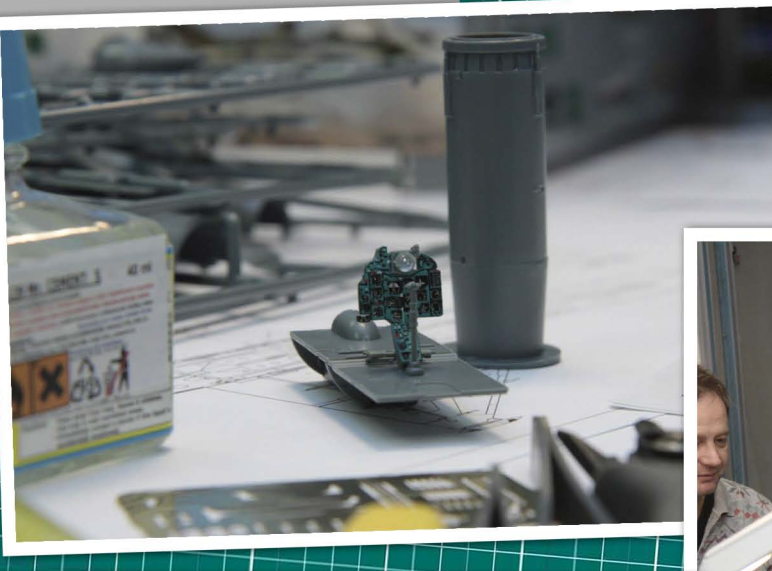


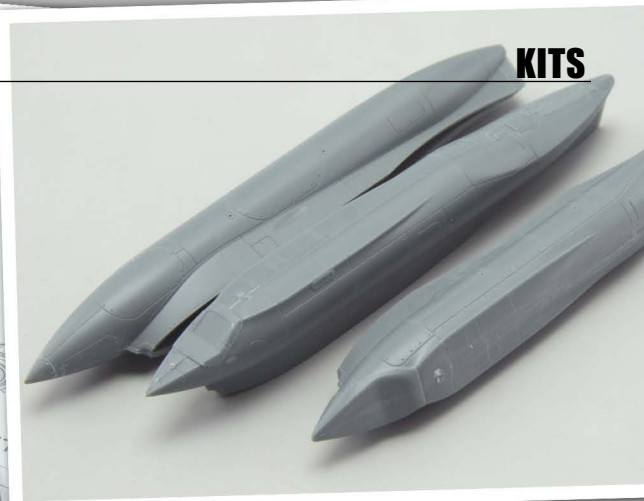
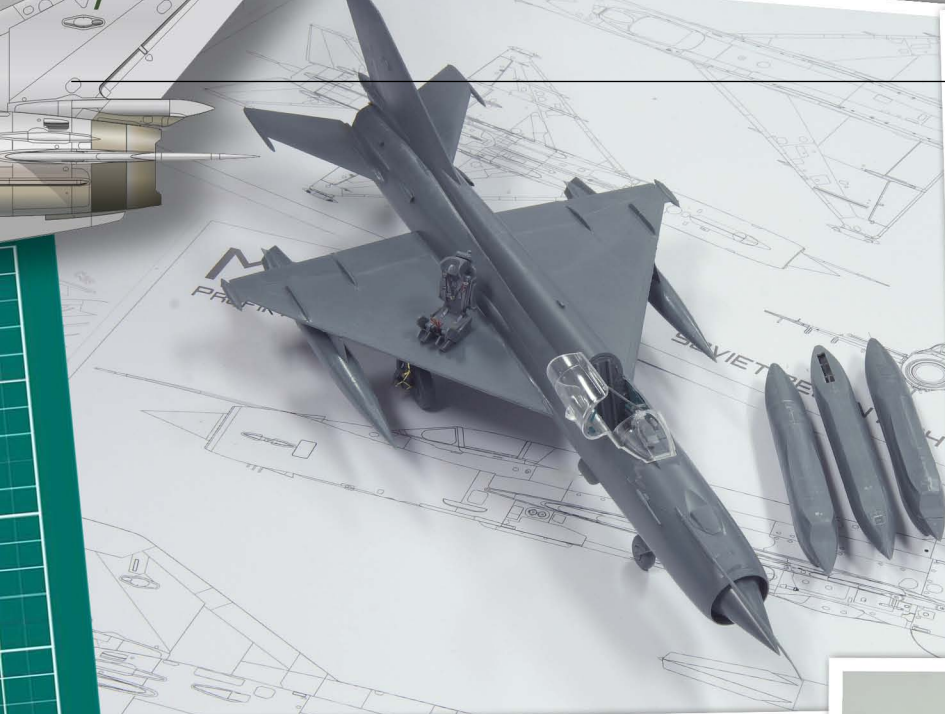
Speedbuild of MiG-21R

Martin Nademlejnský



KILL-triO® CUTTING MAT NO. 9Z 201







Bf 110G-4

Weekend 1/72

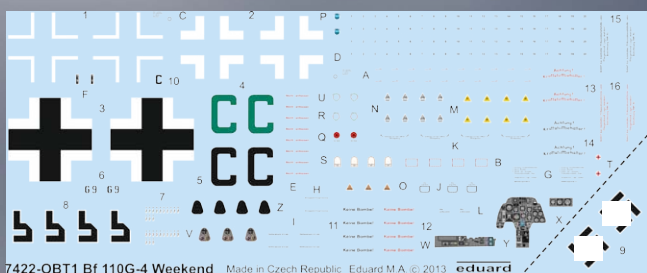
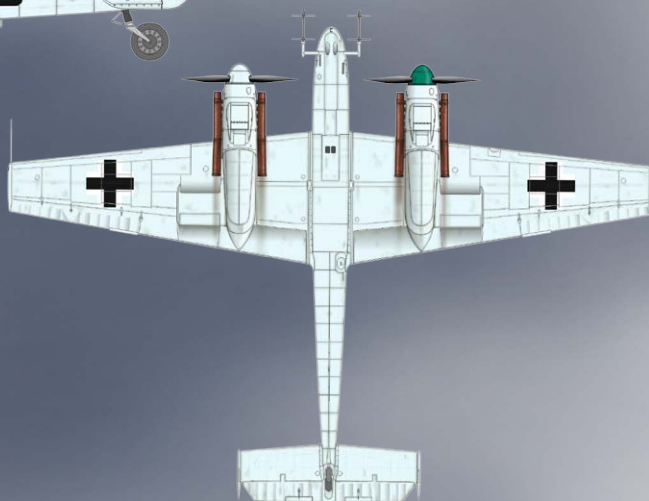
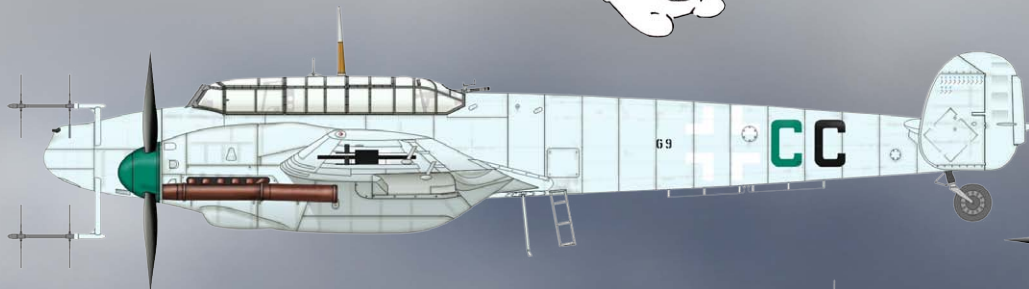
Cat. No. 7422

Luftwaffe Nightfighter Aircraft.

BUY Bf 110G-4 1/72



BRAND NEW MARKING!



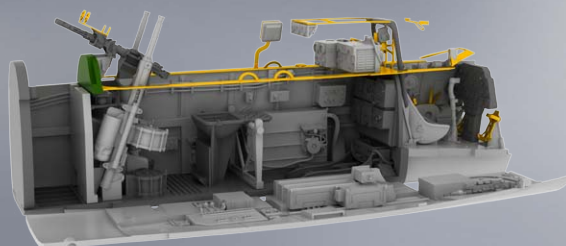
7422-OBT1 Bf 110G-4 Weekend Made in Czech Republic. Eduard M.A. © 2013

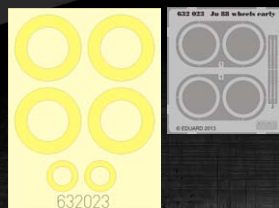
recommended:

73476 Bf 110G-4 Weekend 1/72 (fotolepty)

672015 Bf 110G-4 cockpit 1/72 (Brassin)

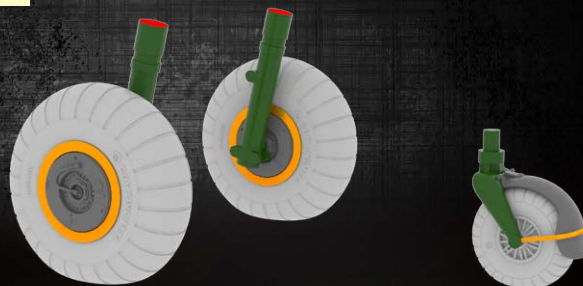
CX378 Bf 110G-4 Weekend 1/72 (maska)





632023 Ju 88 wheels early 1/32 Revell

Main undercarriage wheels (early type) – 2pcs. Tail wheel + mud dasher, Resin + photo-etched parts.



BUY Ju 88 wheels early 1/32

632024 Ju 88 wheels late 1/32 Revell

Main undercarriage wheels (late type) - 2pcs, tail wheel + mud dasher, Resin + photo-etched parts.

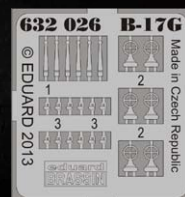


BUY Ju 88 wheels late 1/32



632026 B-17G guns 1/32 HK Models

13 pcs of M2 .50 cal. machine guns for B-17G, including hinges for particular stands.



BUY B-17G guns 1/32

632027

B-17G engine No.1

1/32 HK Models

Complete left outer engine for B-17G with cowling and cooling flaps. Cowling is available in its complete or dismantled variant.

Resin + photo-etched parts.



BUY B-17G engine No.1 1/32

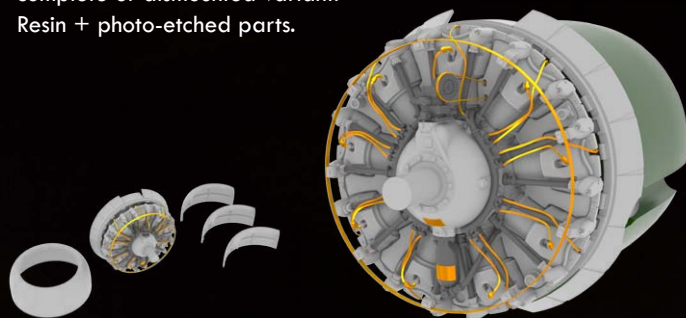
632028

B-17G engine No.2

1/32 HK Models

Complete left inner engine for B-17G with cowling and cooling flaps. Cowling is available in its complete or dismantled variant.

Resin + photo-etched parts.



BUY B-17G engine No.2 1/32

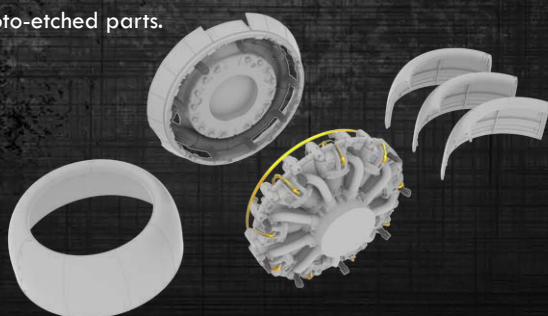
632029

B-17G engine No.3

1/32 HK Models

Complete right inner engine for B-17G with cowling and cooling flaps. Cowling is available in its complete or dismantled variant.

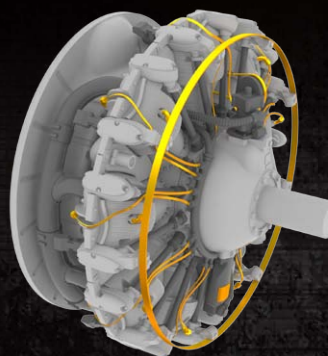
Resin + photo-etched parts.



BUY B-17G engine No.3 1/32

632030 B-17G engine No.4 1/32 HK Models

Complete right outer engine for B-17G with cowl and cooling flaps. Cowling is available in its complete or dismantled variant. Resin + photo-etched parts.



BUY B-17G engine No.4 1/32



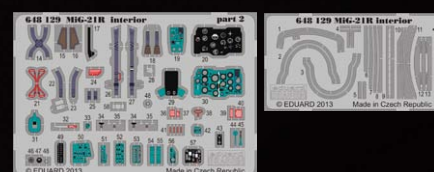
648129 MiG-21R interior 1/48 Eduard

Interior set for MiG-21R in 1/48 scale by Eduard

- cockpit with the side panels and back bulkhead
- seat with cushion and headrest
- instrument panel
- gunsight
- gunsight reflexive glass is made of clear resin
- 2 types of recce pod controls
- rudders
- control stick
- colored and non-colored photo-etched details

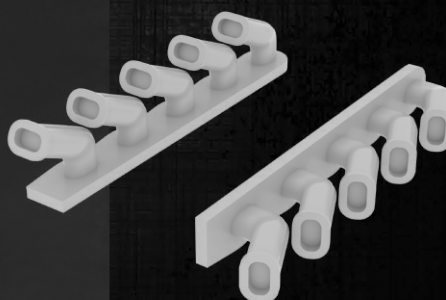
Resin + photo-etched parts.

BUY MiG-21R interior 1/48



672027 II-2 exhaust stacks 1/72 Tamiya

Exhaust stacks for the Tamiya 1/72 II-2.



BUY II-2 exhaust stacks 1/72

B-17G ENGINES

1/32 KHM

632027 B-17G engine No. 1

632028 B-17G engine No. 2

632029 B-17G engine No. 3

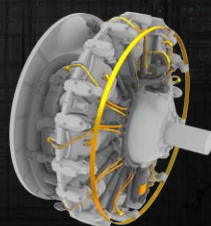
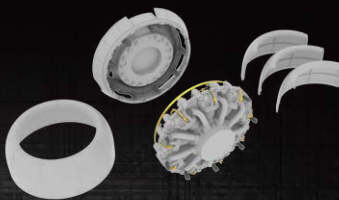
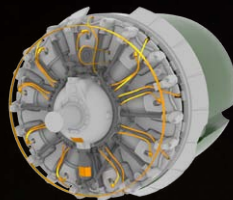
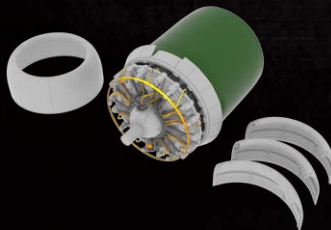
632030 B-17G engine No. 4

BUY B-17G engines 1/32



Collection of all four engines for B-17G.

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



SPITFIRE Mk.IX ADVANCED

1/48 Eduard

- 648112 Spitfire Mk.IX engine
- 648113 Spitfire Mk.IX gun bay
- 648120 Spitfire - radio compartment
- 48765 Spitfire Mk.IXc landing flaps

BUY Spitfire Mk.IX advanced 1/48

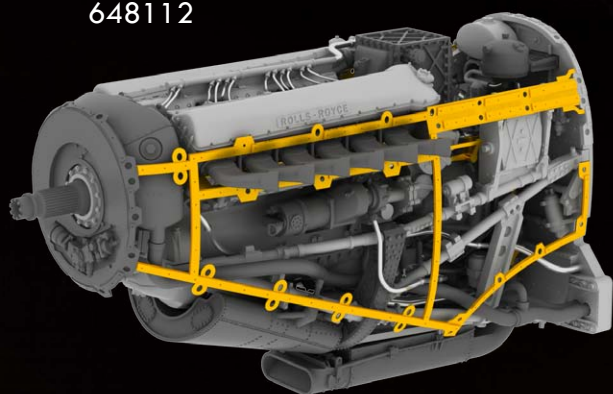
Collection of 4 individual Brassin and photo-etched sets.

- engine
- gunbay
- radio compartment
- landing flaps

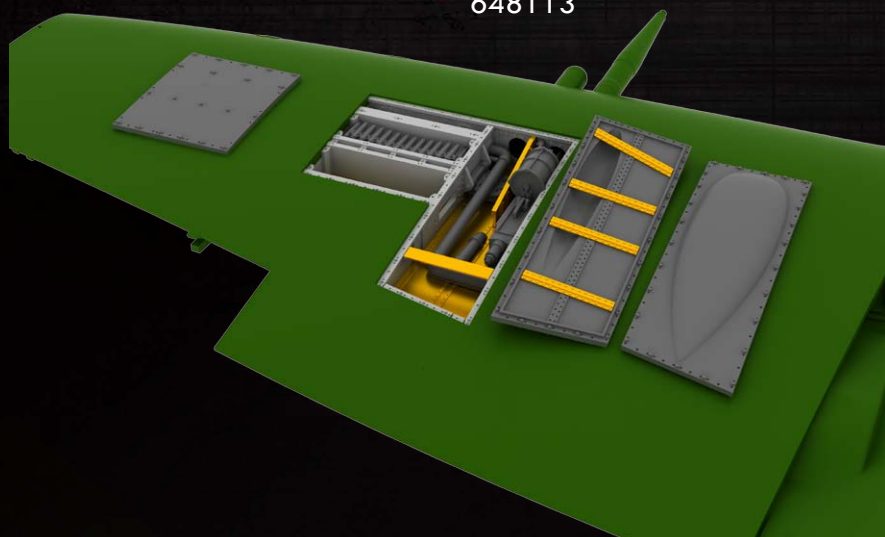


All sets included in this BIG SIN are available separately, but with every BIG SIN set you save up to 30%.

648112



648113



648120

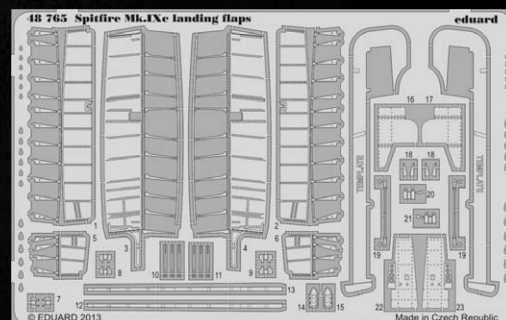
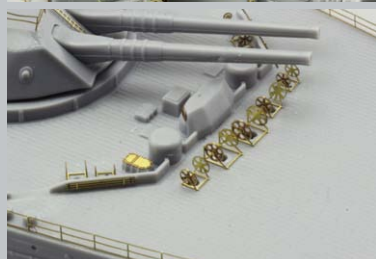


PHOTO-ETCHED SETS

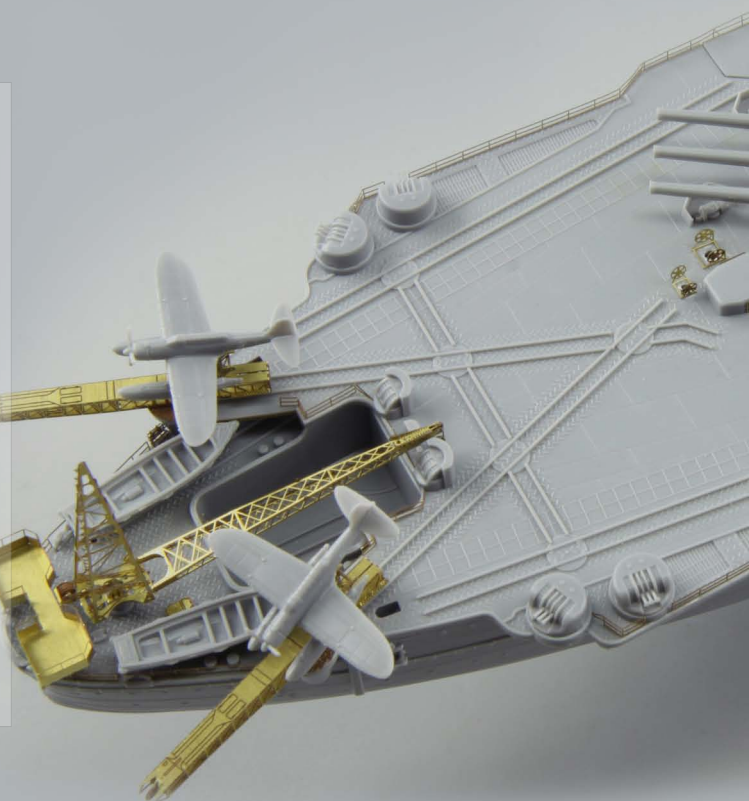
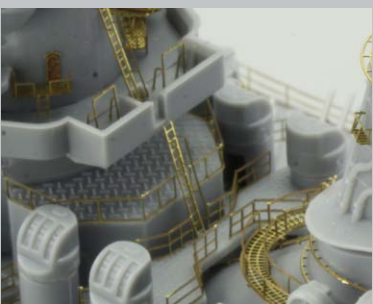
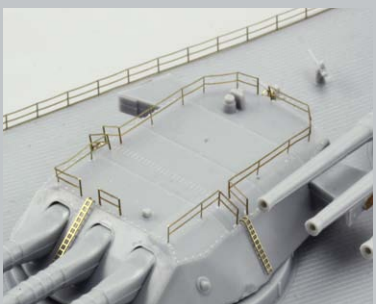
SELECTED



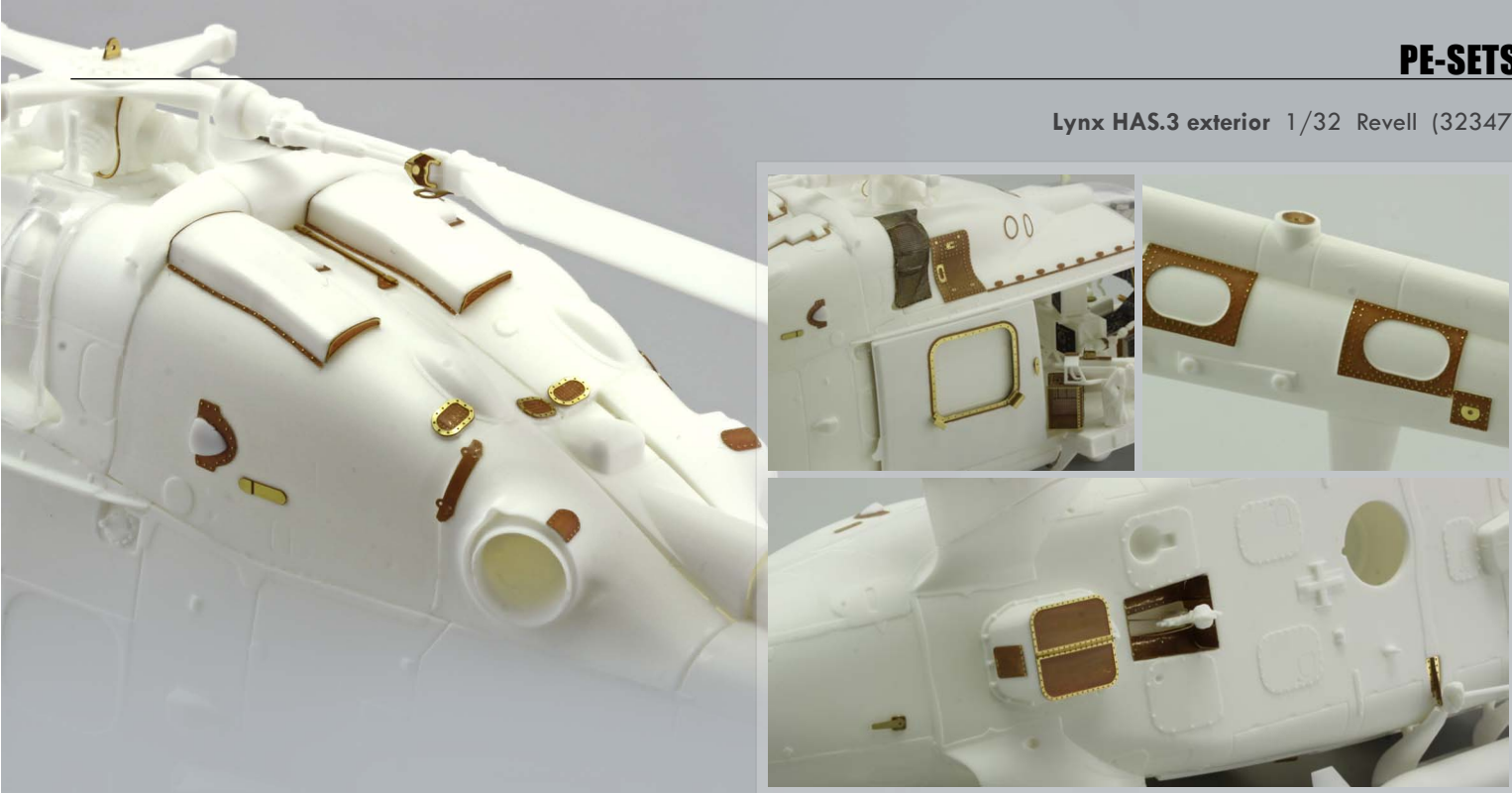
Yamato 1/450 Hasegawa
(53095)



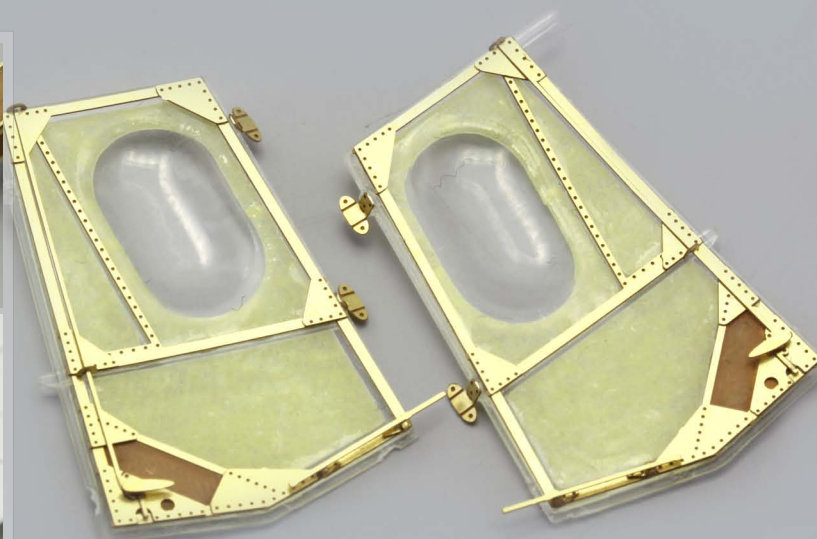
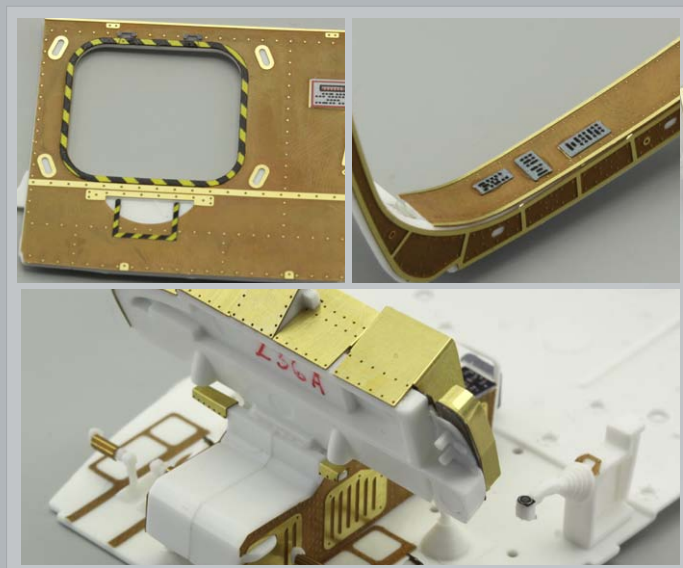
Yamato railings 1/450 Hasegawa (53098)



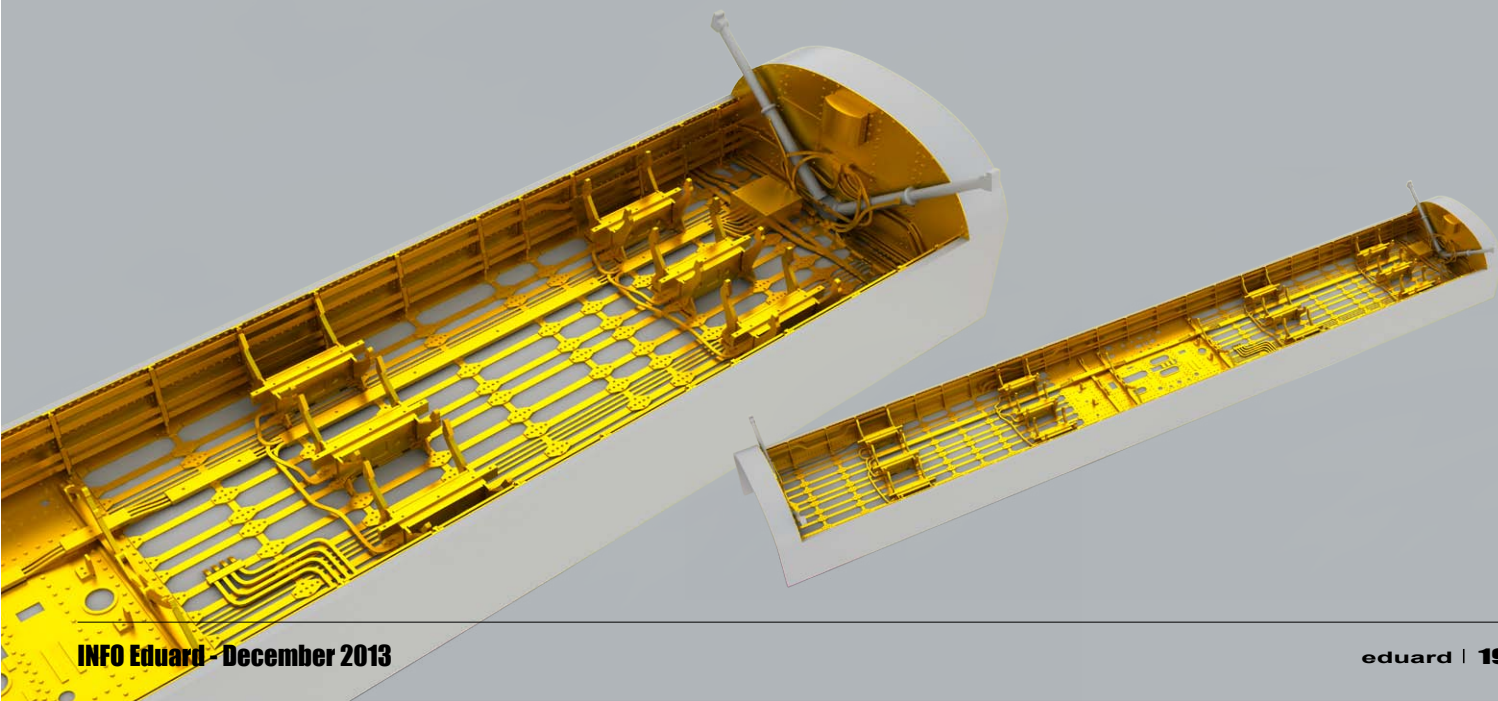
Lynx HAS.3 exterior 1/32 Revell (32347)



Lynx HAS.3 interior S.A. 1/32 Revell (32765)



Lancaster B Mk.I/B Mk.III bomb bay 1/72 Airfix (72577)

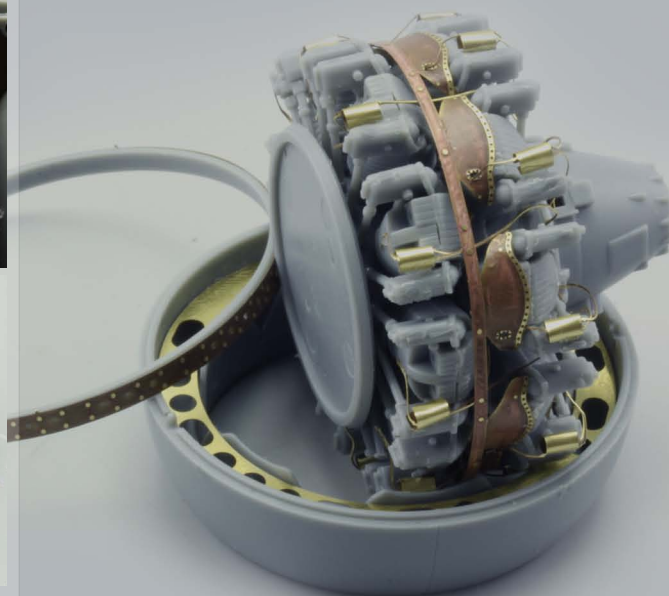
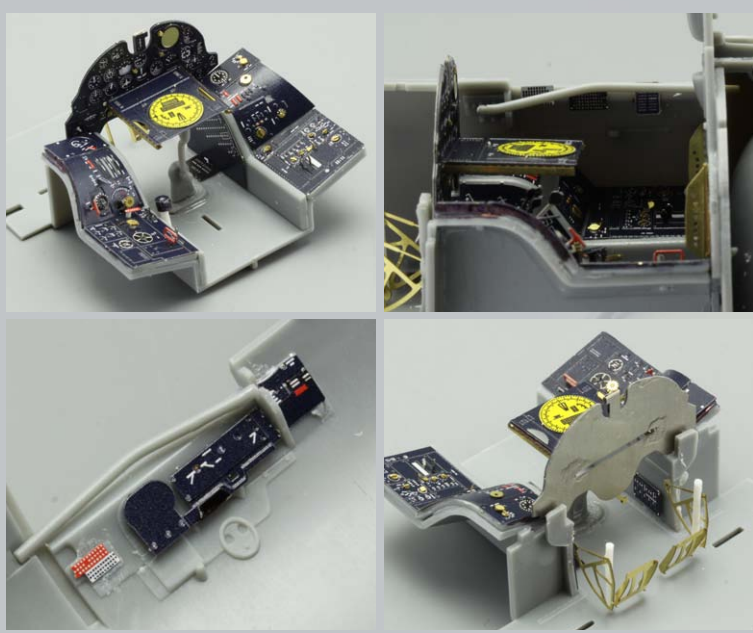


A-1D exterior 1/32 Trumpeter (32330)

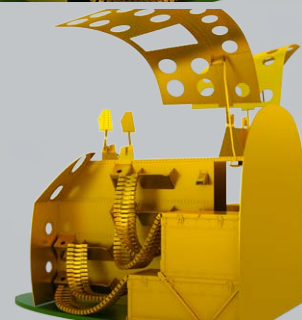
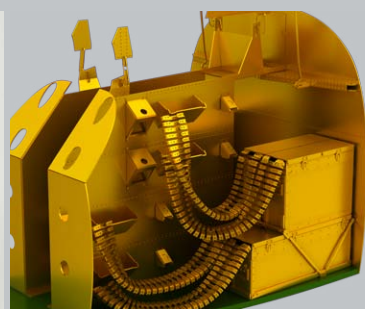
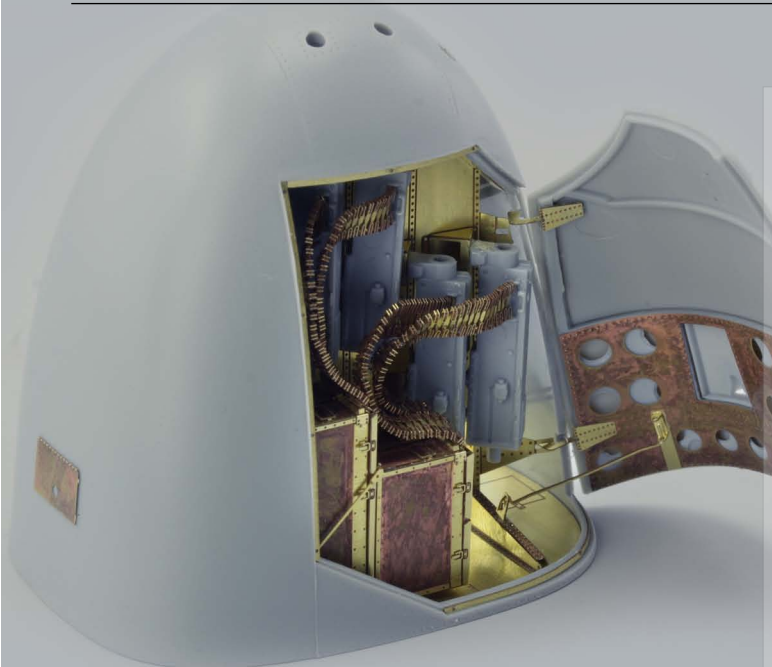


A-1D interior S.A. 1/32 Trumpeter (32789)

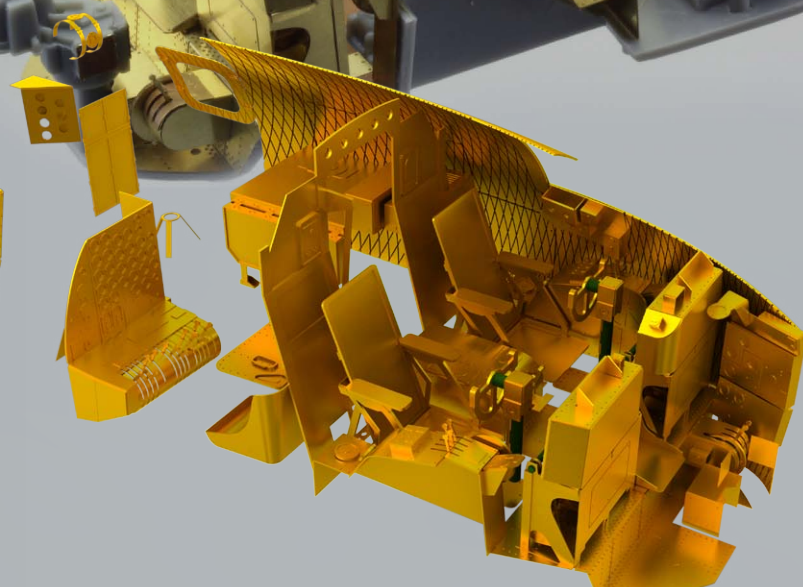
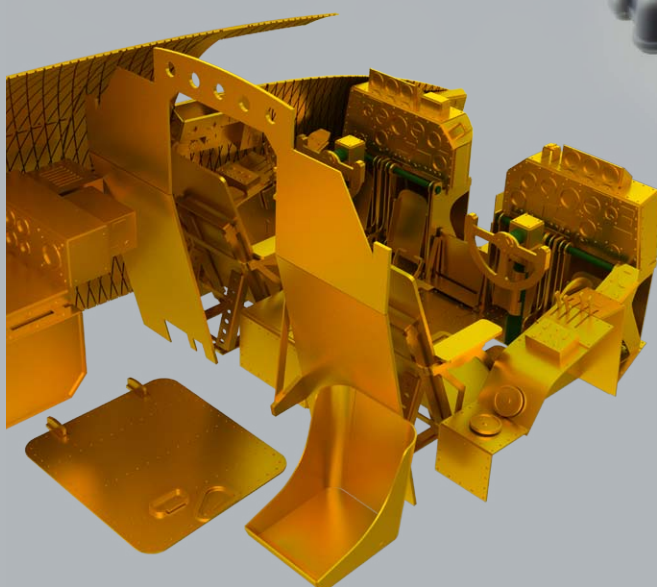
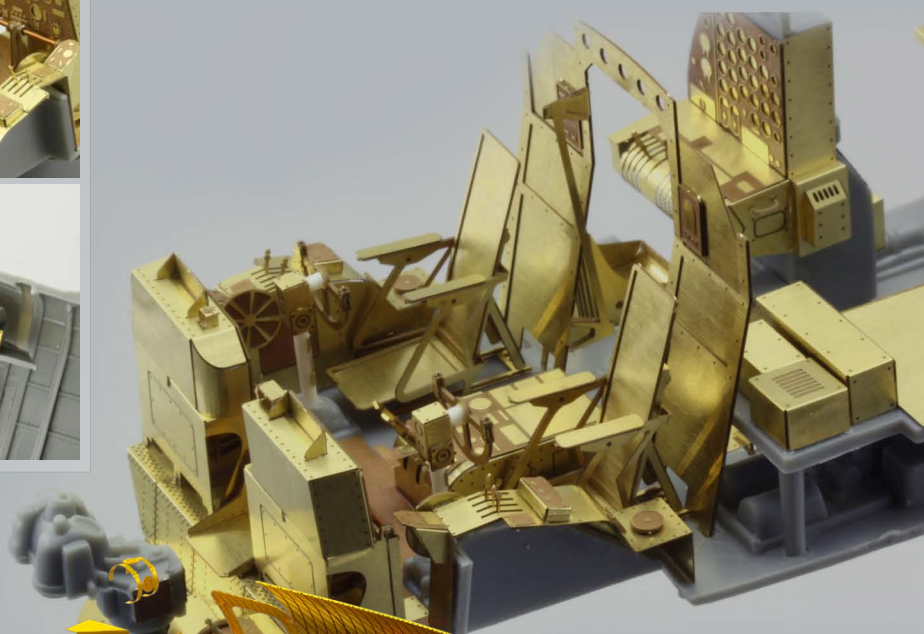
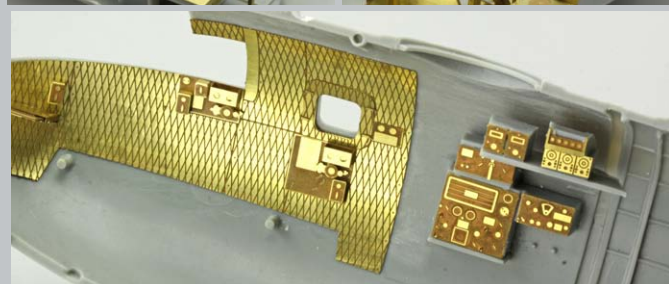
A-1D engine 1/32 Trumpeter (32349)



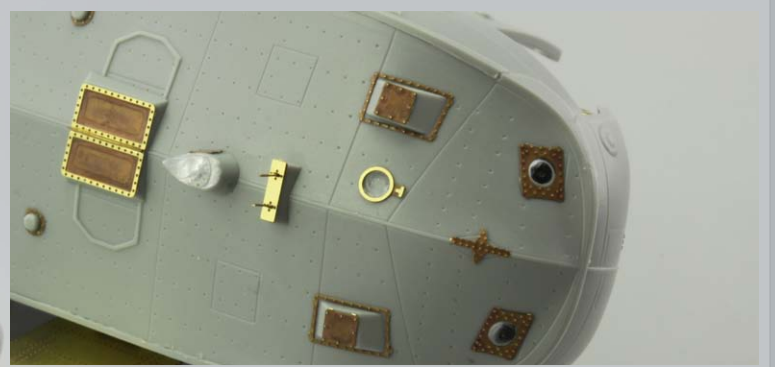
B-25J nose guns and ammo belts 1/32 HK Models (32801)



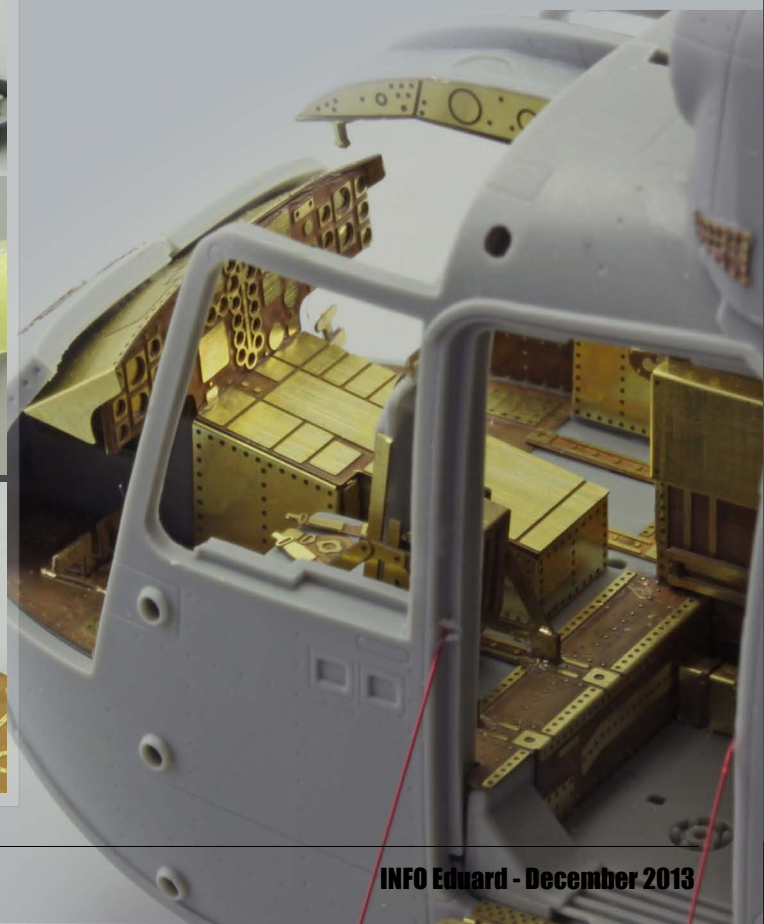
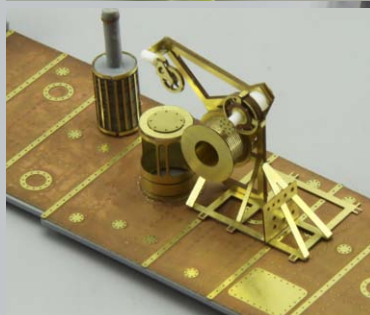
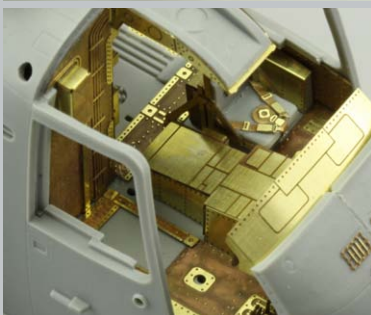
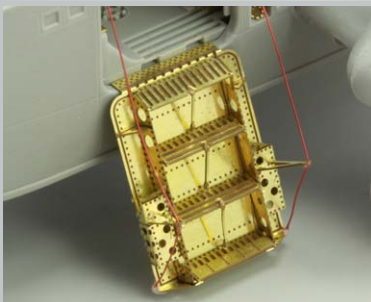
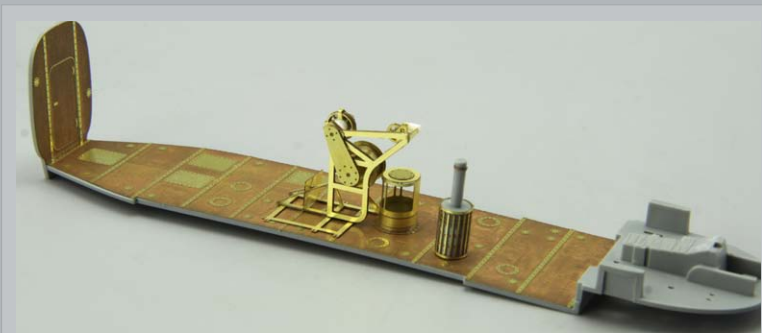
B-29 interior 1/48 Monogram/Revell (49616)



SH-3D Sea King exterior 1/72 Cyber Hobby (72562)



SH-3D Sea King interior S.A. 1/72 Cyber Hobby (73477)



BIG ED

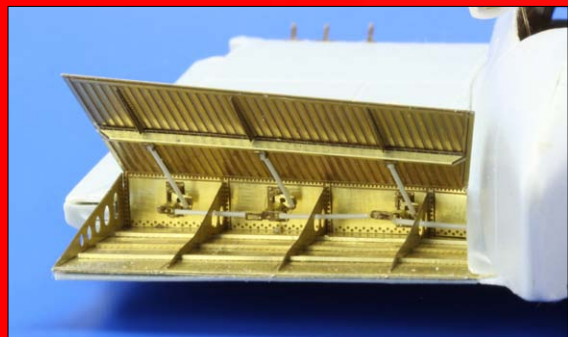
All sets included in this BIG SIN are available separately, but with every BIG SIN set you save up to 30%.



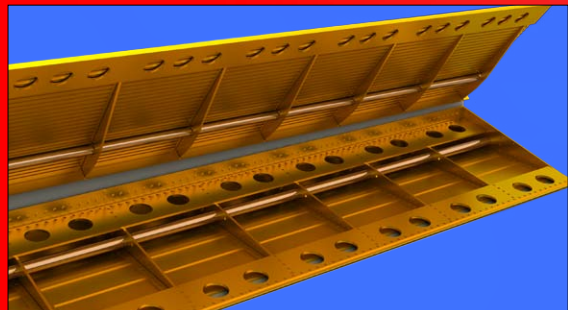
32774 B-17G interior S.A. (BIG3332)



32337 B-17G landing flaps (BIG3333)

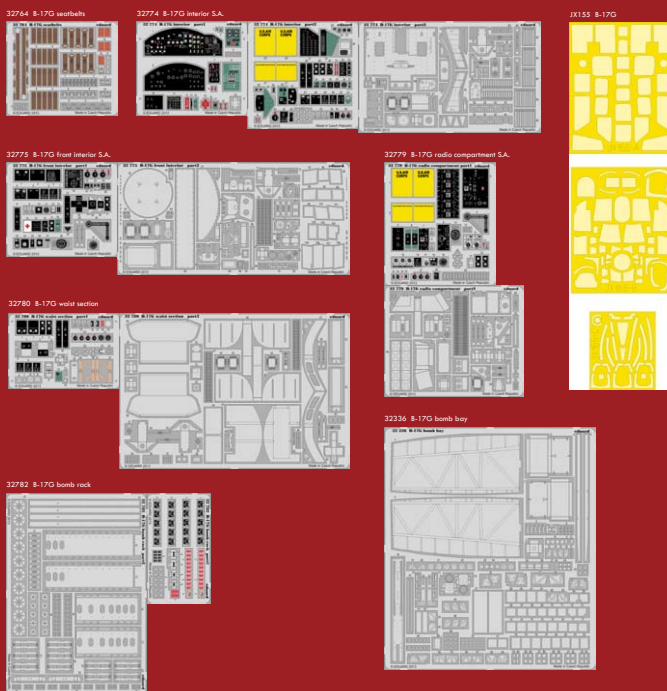


48777 Tu-2 landing flaps (BIG4994)

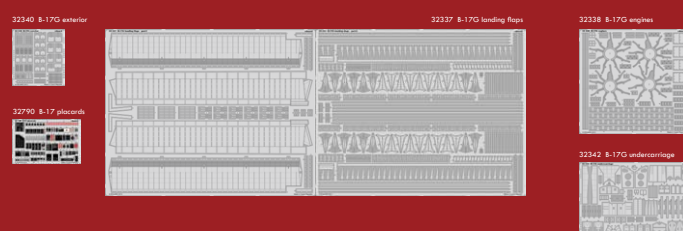


72565 Lancaster B Mk.I/BMk.III landing flaps (BIG7282)

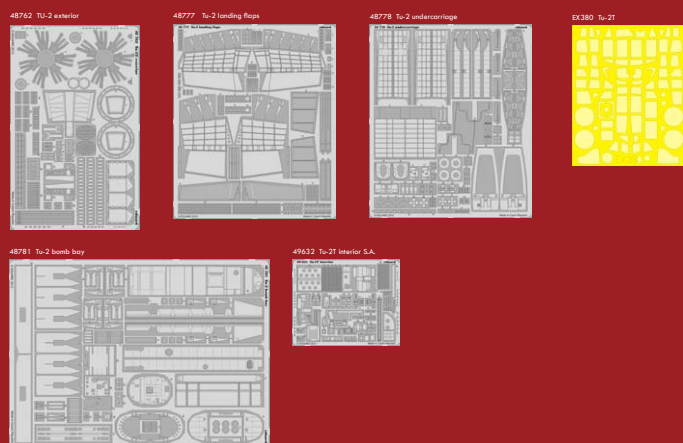
BIG3332 B-17G - PART I. 1/32 HK MODELS



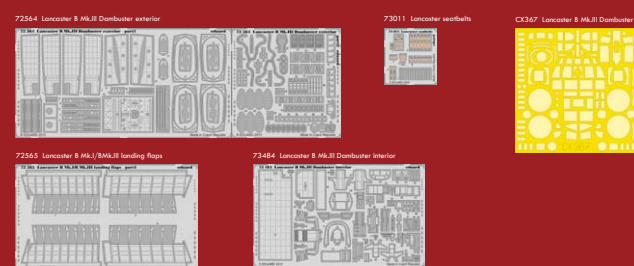
BIG3333 B-17G - PART II. 1/32 HK MODELS



BIG4994 Tu-2T 1/48 Xuntong Model



BIG7282 LANCASTER B Mk.III DAMBUSTER 1/72 Airfix



BIG3332 B-17G - PART I. 1/32 HK MODELS

BIG3333 B-17G - PART II. 1/32 HK MODELS

BIG4994 Tu-2T 1/48 Xuntong Model

BIG7282 LANCASTER B Mk.III DAMBUSTER 1/72 Airfix

KITS

8238	MiG-21R	1/48	ProfiPACK
7422	Bf 110G-4	1/72	Weekend
1180	Jugs over Italy	1/48	Limited Edition

PE-SETS

17522	Figures Royal Navy Gun Crew S.A.	1/350	
17525	Figures Soviet Navy WWII S.A.	1/350	
53095	Yamato 1/450	1/450	Hasegawa
53098	Yamato railings 1/450	1/450	Hasegawa
32330	A-1D exterior	1/32	Trumpeter
32347	Lynx HAS.3 exterior	1/32	Revell
32349	A-1D engine	1/32	Trumpeter
32352	Ju 88A-4 exterior	1/32	Revell
32765	Lynx HAS.3 interior S.A.	1/32	Revell
32767	Lynx HAS.3 seatbelts	1/32	Revell
32789	A-1D interior S.A.	1/32	Trumpeter
32793	P-51D seatbelts FABRIC	1/32	Tamiya
32799	Ju 88A seatbelts FABRIC	1/32	Revell
32800	Ju 88A-4 interior S.A.	1/32	Revell
32801	B-25J nose guns and ammo belts	1/32	HK Models
49616	B-29 interior S.A.	1/48	Monogram/Revell
49617	B-29 seatbelts	1/48	Monogram/Revell
48794	MiG-21R exterior	1/48	Eduard
72562	SH-3D Sea King exterior	1/72	Cyber Hobby
72577	Lancaster B Mk.I/B Mk.III bomb bay	1/72	Airfix
73476	Bf 110G-4 Weekend	1/72	Eduard
73477	SH-3D Sea King interior S.A.	1/72	Cyber Hobby

ZOOMS

33120	Lynx HAS.3 interior S.A.	1/32	Revell
33129	Ju 88A-4 interior S.A.	1/32	Revell

FE616	B-29 interior S.A.	1/48	Monogram/Revell
SS477	SH-3D Sea King interior S.A.	1/72	Cyber Hobby

MASKS

CX364	MV-22	1/72	Hasegawa
CX378	Bf 110G-4	1/72 Weekend	Eduard
JX160	Ju 88A-4	1/32	Revell

BIG ED

BIG3332	B-17G - PART I.	1/32	HK Models
BIG3333	B-17G - PART II.	1/32	HK Models
BIG4994	Tu-2T	1/48	Xuntong Model
BIG7282	LANCASTER B Mk.III DAMBUSTER	1/72	Airfix

BRASSIN

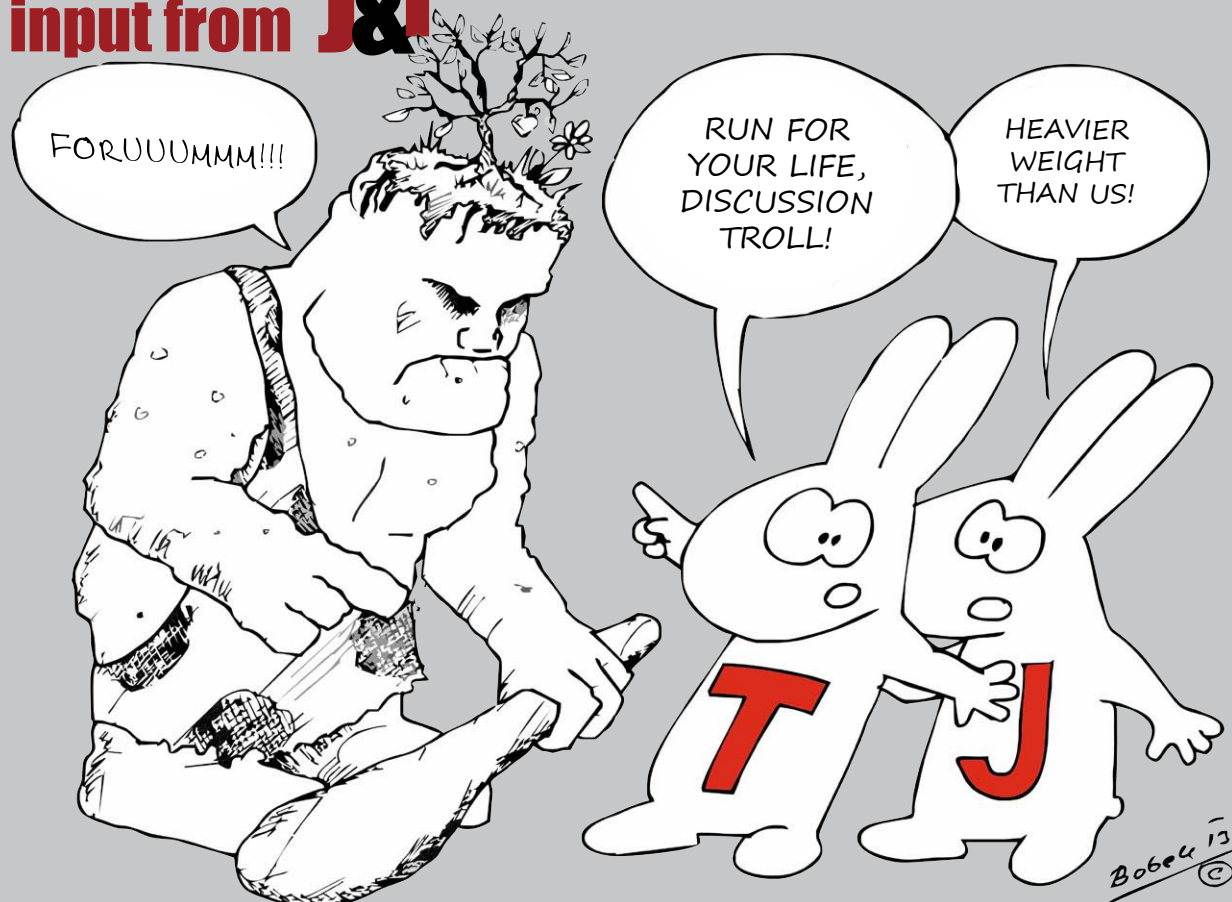
632023	Ju 88 wheels early	1/32	Revell
632024	Ju 88 wheels late	1/32	Revell
632026	B-17G guns	1/32	HK Models
632027	B-17G engine No.1	1/32	HK Models
632028	B-17G engine No.2	1/32	HK Models
632029	B-17G engine No.3	1/32	HK Models
632030	B-17G engine No.4	1/32	HK Models
648129	MiG-21R interior	1/48	Eduard
672027	Il-2 exhaust stacks	1/72	Tamiya

BIGSIN

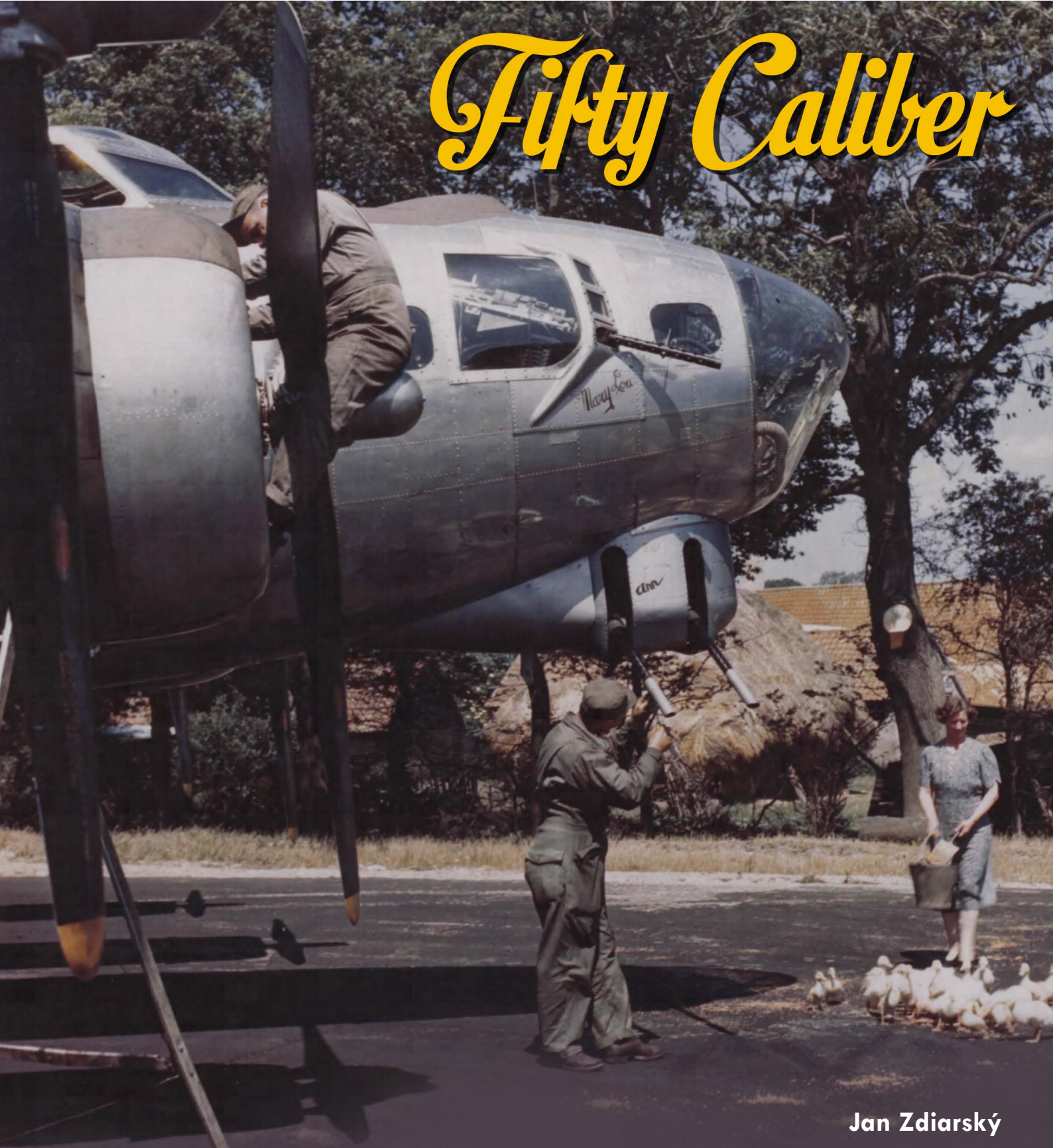
SIN63202	B-17G ENGINES	1/32	HK Models
SIN64809	SPITFIRE Mk. IX ADVANCED	1/48	Eduard

BUY / e-shop Eduard

Comments
and input from **J&T**



Fifty Caliber



Jan Zdiarský

It's likely that no other weapon in history saw the mass production and longevity numbers achieved by the 'half-inch', the 'fifty caliber', or even better, the Browning M2.

The 12.7mm (0.5in) machine gun developed by John M. Browning first saw the light of day in October, 1918. The concept was developed from the older Browning 0.3in M1917. The requirement for an automatic weapon of a minimum 0.5in caliber and a

muzzle velocity of 820m/s (2,700ft/sec) came from the commanding officer of the American Expeditionary Force in Europe, General John J. Pershing. It should come as no surprise that one of the reasons for the requirement was the entering into service of

the German all-metal Junkers J1 aircraft, against which weapons in service were inadequate. Even so, the spec was not that of an aerial weapon, and as far as the American side was concerned, there was no plan to install such a weapon into an aircraft.

1918 – 1933

The first tests of the new machine gun were basically disappointing. The muzzle velocity did not exceed 700m/s (2300ft/sec) and the rate of fire was below 500 rounds per minute. A source of optimism for dealing with these shortcomings was new ammunition being developed by Winchester.

The next development achieved a muzzle velocity of 840m/s (2750ft/sec), satisfying the original specification. This result was not achieved, however, until after the war. Continued development by John Browning and Fred T. Moore brought about, after a few years, the water cooled M1921 machine gun. There was also a light weight aerial version of which there were serious doubts about its practical uses.

After the death of J.M. Browning in 1926, further development continued through the research of Dr. S.H. Green. The result was the initiation of production of a machine gun with Colt in 1933. At that time, the designation M2 was used, and a version was developed with air cooling replacing the water tank, using the perforated sleeve covering the barrel, giving the weapon its distinctive look. The barrel itself gained much in terms of strength, and to the designation was added HB (Heavy Barrel).

THE GOLDEN ERA OF THE M2

Mass use of the M2 machine gun came about during the Second World War when virtually all USAAF and USN fighter and bomber aircraft, as well as huge numbers of Army and Marine ground vehicles, were equipped with them. It should also be noted that many allied armies used the weapon as well. The basis of the success of the machine gun came with the simple construction and ease of maintenance, the option of loading the weapon from the left or the right side, and high reliability.

For aerial use, a variant with a lightened barrel designated AN/M2 was used as a fixed weapon such as those used in the fuselage and wings of fighter and attack aircraft such as the P-51, P-38, P-47, B-25 etc.), or as a flexible weapon or one mounted in turrets in types such as the B-17, B-24, B-25, B-29 among others. Due to high war time demand, license production was initiated also at Frigidaire.

Loading of the weapon could be manual with the use of levers or electrical. Belt feed was then done mechanically with help of

electrical feeders if needed.

After the Second World War, the M2 machine gun spread its form of diplomacy through Korea, Vietnam and through to the current wars. The virtually unchanged concept of the gun under the same designation is still in use today. The notion of a replacement goes as far back as the seventies, but the inability of the military authorities to come up with a viable replacement has resulted in renewed production.



A quartet of M2s in the nose of the B-25 Mitchell.



▲ Installation of ammo belts for the 0.5in AN/M2 in the P-47 and P-51.





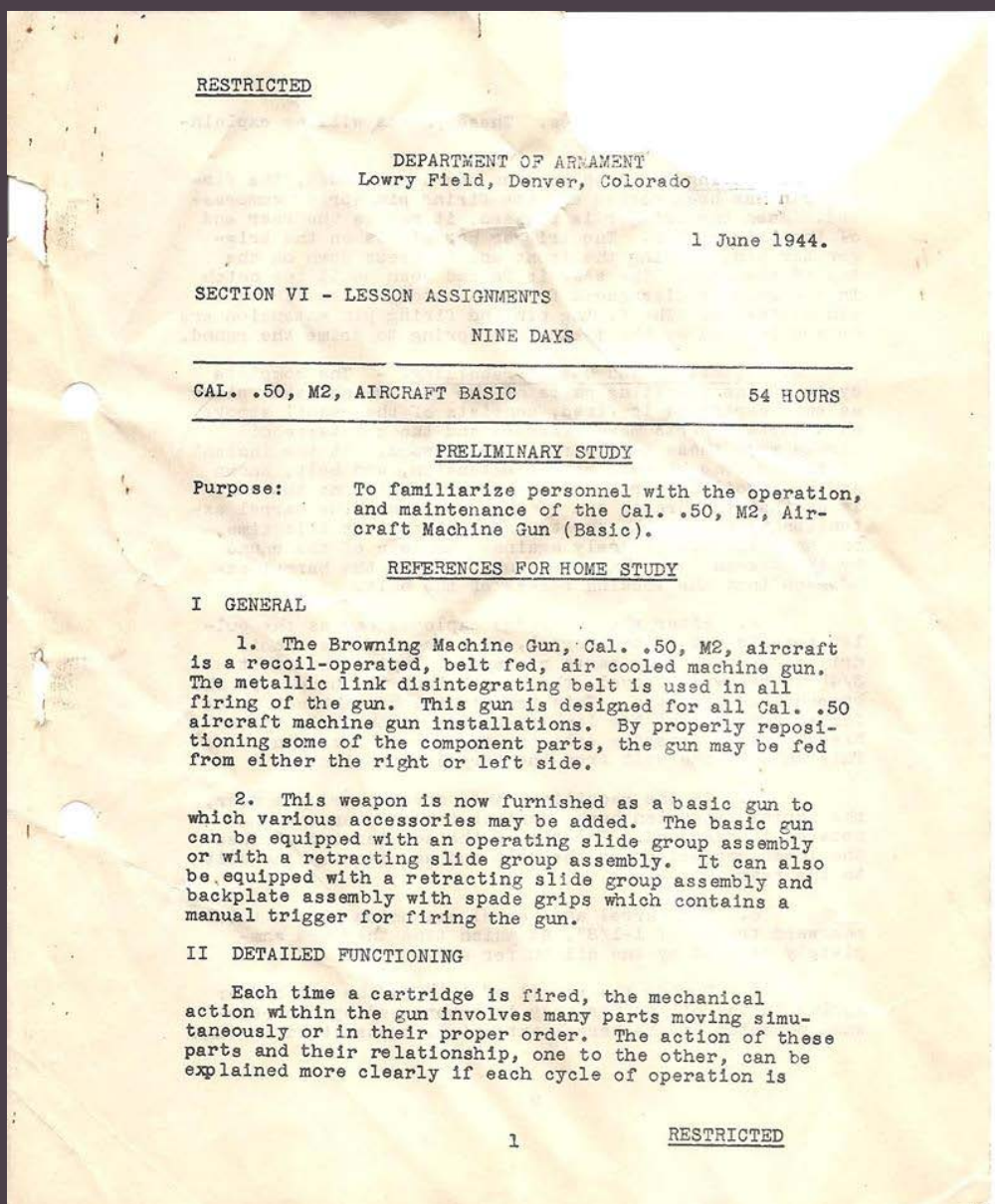
▲ Side gunners of a B-24 with their fifties.

► An M2 mounted on a Jeep for anti-aircraft protection of the 381st Bomb Group base in Ridgewell.



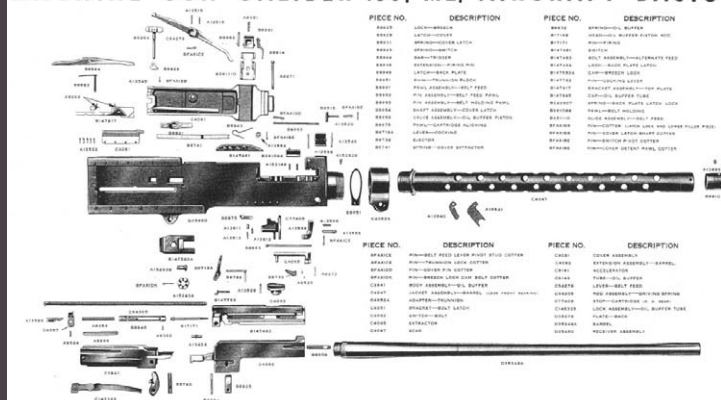


Water cooled M2 of the 381st Bomb Group (base defense).



Period document showing M2 description.

MACHINE GUN CALIBER .50, M2, AIRCRAFT BASIC

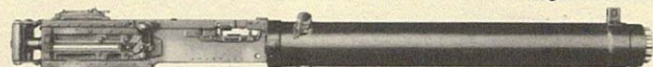


AN/M2 component scheme.

BROWNING MACHINE GUNS, CALIBER .50, M2



Aircraft (air-cooled) weight 61 lbs.



Anti-aircraft (water-cooled) weight 121.5 lbs.



Tank and Field (air-cooled) weight 81 lbs.

AN/M2 component scheme.

MUNITIONS

Through the course of World War Two and on into Vietnam there were basic types of ammunition used:

- standard ball
- armor piercing (AP)
- armor piercing incendiary (API)
- armor piercing incendiary tracer (APIT)

Rounds designated as armor piercing had to be capable of penetrating 22.2mm (0.87in) of armor plate at 91m (100yds) and 19mm plate (0.75in) at 500m (547 yds). Those who used the gun to attack trains recalled that the it was useful in ripping up the tracks.

Current rounds for the M2HB also includes the anti-armor projectile M903 SLAP, capable of penetrating 34mm (1.34in) at 500m (547yds).



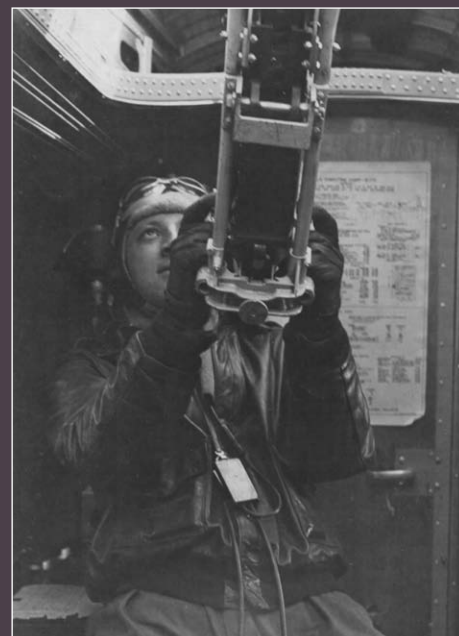
All weapons went through careful maintenance.



Hand feeding the belt.



The installation of the M2 in the B-17G ball turret.



Radio Operator's position with the gun in the ceiling above his station.

The Browning M2 in the B-17G

The main aim of this article is to provide background for the Brassin set of M2 Machine Guns for the B-17G in 1/32nd scale. The installation of 12 to 13 of these weapons in the B-17 made the aircraft one of the best armed bombers of the war and it was these machine guns that served to make it known as the 'Flying Fortress'.

The most important defensive weapon position in the B-17G, as indicated by statistics concerning kills and protection of the aircraft, are the upper and rear positions. Both were equipped with hand held M2 machine guns (the upper turret (or top turret) was a combined affair - turning the weapon out to the sides ensured the rotation of the turret). The significant G series characteristic was the addition of the chin turret operated by the bombardier. It was equipped with twin guns. The final turret was a ball turret located below the aircraft that was equipped with twin fixed guns, and these were aimed by aiming the entire turret. In addition to the turrets there were several other gun positions. First and foremost of these were the waist gun positions (HKM's kit and also the Brassin set from Eduard represent the latest variation, and in the case of the G model, the most widely used) Other positions were operated by the navigator (cheek), and one by the radio operator that came up through a glass cover in the ceiling of the aircraft. This gun was often removed by the summer of 1944. Depending on the actual position, the weapons could be operated by hand or electrically and the belt feed could be from the left or the right. The Brassin set from Eduard is true to this detail.



Machine gun maintenance in the rear turret.

Machine gun maintenance in the upper turret.

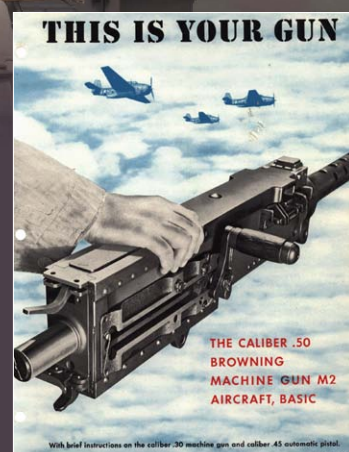




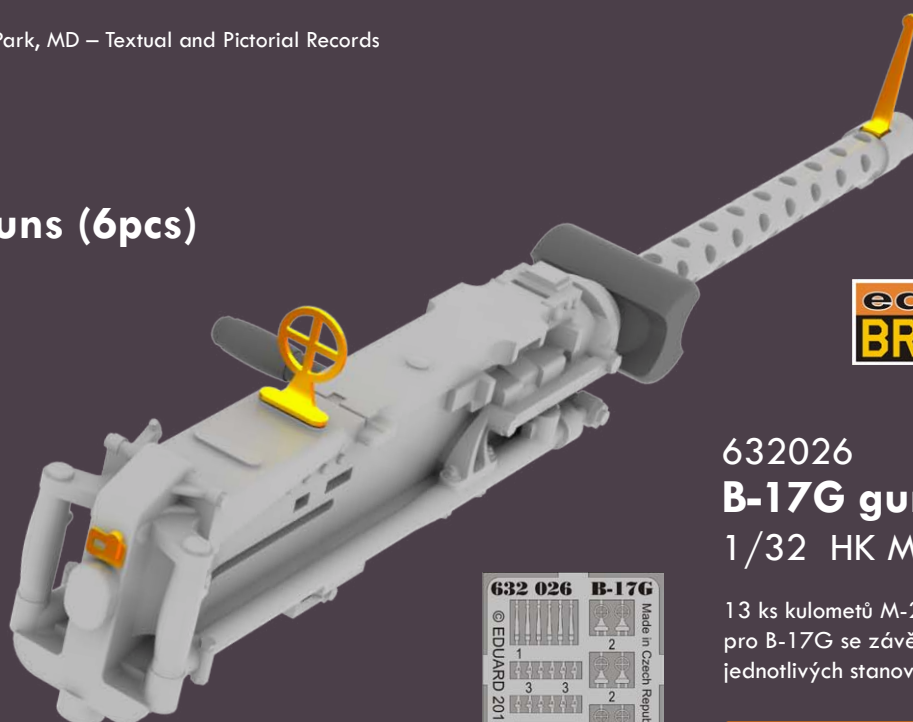
▲
Current US Marines with M2 machine guns.

SOURCES:

- Browning Machine Gun Caliber .50, M2, Aircraft, fixed and flexible – technical manual - US War Department, April 1942
- Aircrewman's Gunnery Manual – Aviation Training Division, office of the Chief of Naval Operations, US Navy in collaboration with US Army Air Forces, 1944
- How the Gun Works – Caliber .50, M2 Browning Machine Guns - AC Spark Plug Division & Frigidaire Division, General Motors Corporation, 1943
- Operator's Manual Machine Guns, Caliber .50; Browning, M2, Heavy Barrel – Headquarters, Department of the Army, US Marine Corps, Air Force and Navy, July 1968
- Bendix Chin Turret – (US Form No. 22-26A, Bendix Co.)
- Wikipedia
- Archive of the Museum of Air Battle over the Ore Mountains on September 11th, 1944 (www.museum119.cz)
- US National Archives / College Park, MD – Textual and Pictorial Records



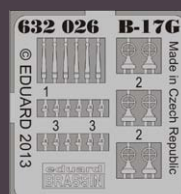
648075 Browning M-2 guns (6pcs) 1/48



eduard
BRASSIN

632026 B-17G guns 1/32 HK Models

13 ks kulometů M-2 ráže 13 mm
pro B-17G se závěsy a klouby dle
jednotlivých stanovišť



BUY B-17G guns 1/32





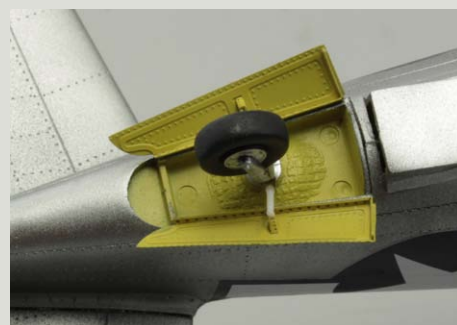
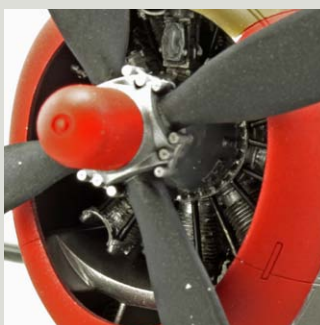
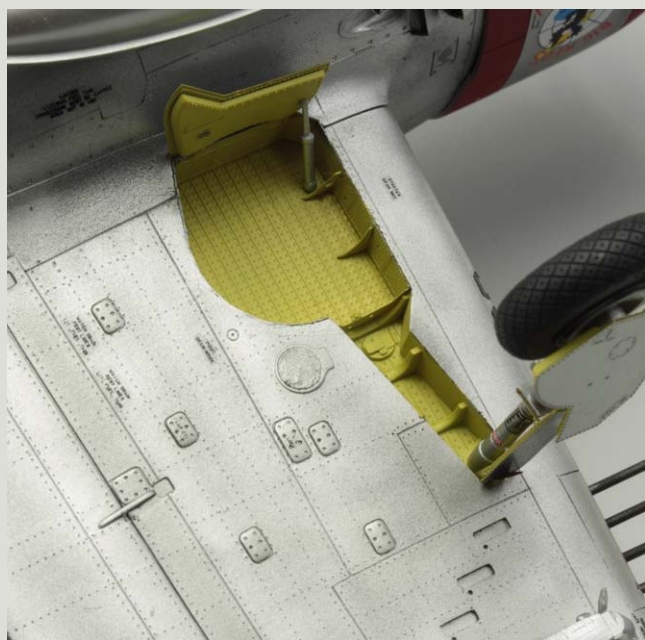
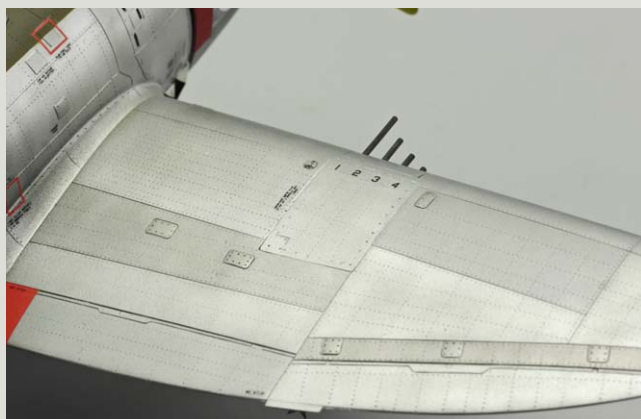
JUGS OVER ITALY

**Built by Martin
Nademlejský**

P-47D-25, 527th FS, 86th FG,
Pisa Air Base, Italy, 1945



KOUPIT Jugs over Italy 1/48



Gallery

Browning M2 Machine Gun in the B-17



Prepared by Jan Zdiarský

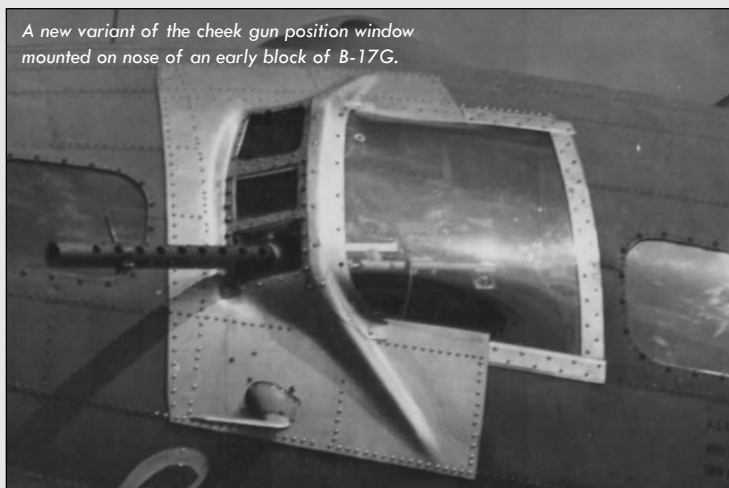


Flexible M2 machine gun mounted on a carriage. The rack between handgrips is a support for gyroscopic gunsight K-13.



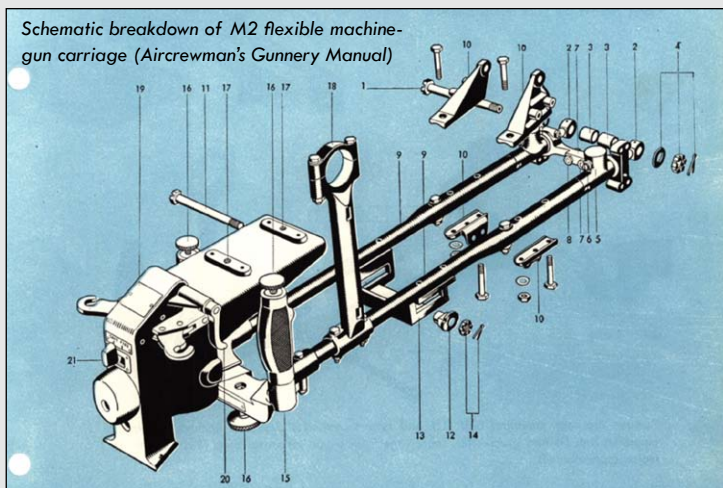


A new variant of the cheek gun position window mounted on nose of an early block of B-17G.

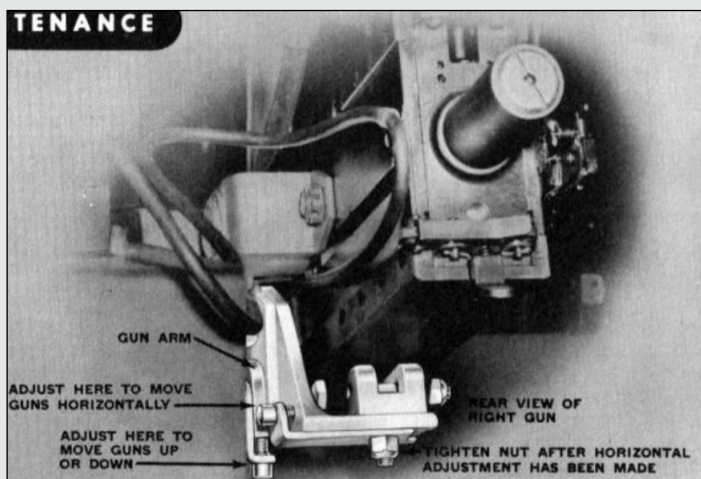
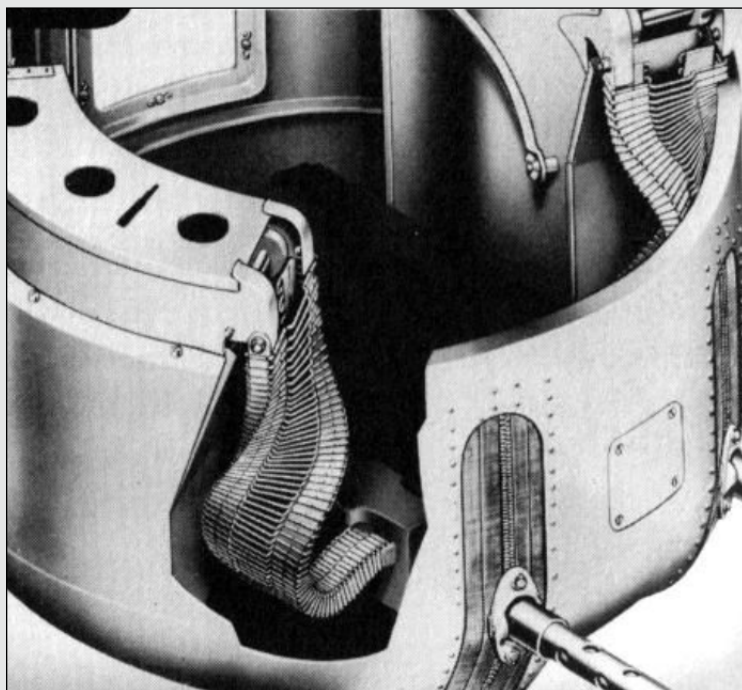
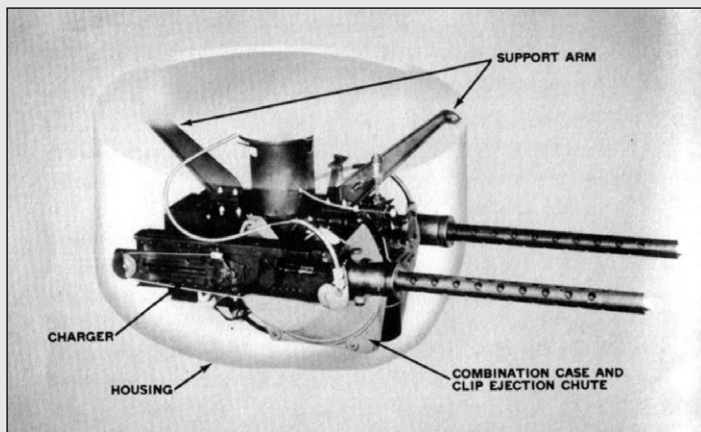


Two photos of M-2 machine guns at the cheek of the B-17F (NARA)

Schematic breakdown of M2 flexible machine-gun carriage (Aircrewman's Gunnery Manual)



Position of the M2 gun in the B-17G cheek window (Marry Alice, Duxford)



The electrically powered chin turret is one of the main improvements significant for the B-17G series. Note defectors often used on chin, top turret and tail turret gun barrels.

(upper photo: NARA, drawings: user manual Bendix Chin Turret)

B-17G top turret gunner. (NARA)



One of four important evolution variants of the B-17 top turret. This variant was mounted into late blocks of the F series, also as to the early blocks of the G series. (NARA)



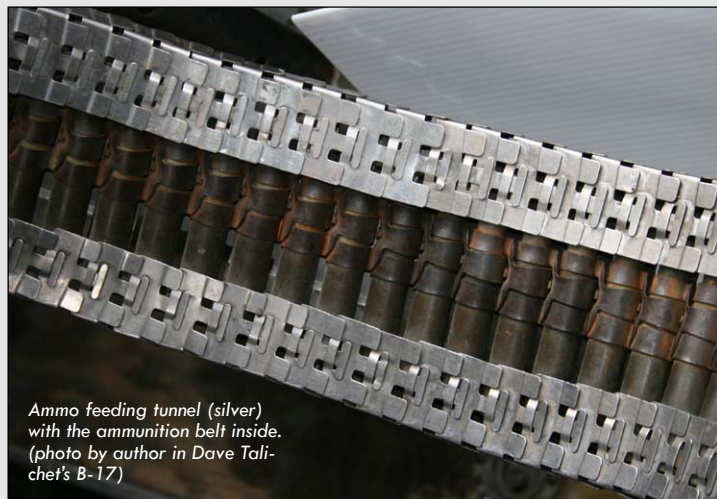
M2 machine gun on sliding carriage in the radio-operator's hatch. This variant was abandoned on the early production blocks of the G series. (NARA)



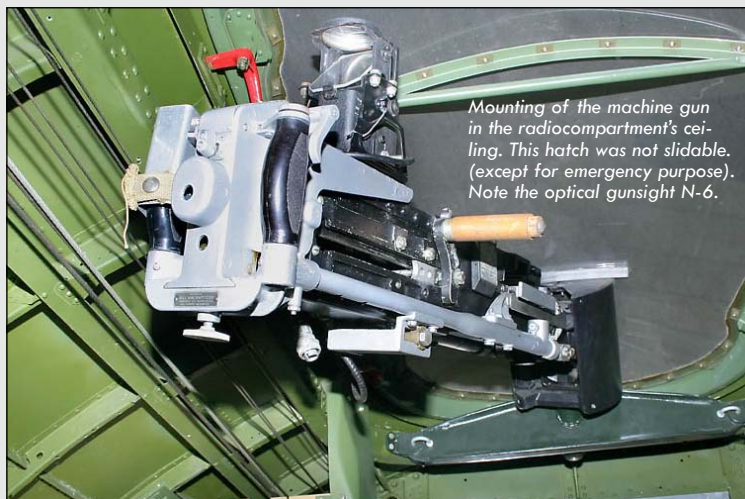
Typical waist gunners section on B-17F. (NARA)



Waist gunner on his position in the B-17G series mid production with the divided, but already closed waist window (NARA)



Ammo feeding tunnel (silver) with the ammunition belt inside. (photo by author in Dave Talichet's B-17)



Mounting of the machine gun in the radiocompartment's ceiling. This hatch was not slidable (except for emergency purpose). Note the optical gunsight N-6.



Waist gunners in the B-17G with closed and straggled waist windows (a variant typical for B-17Gs of mid and late production). (NARA)
- Photos below - the same position on still flyable B-17G.

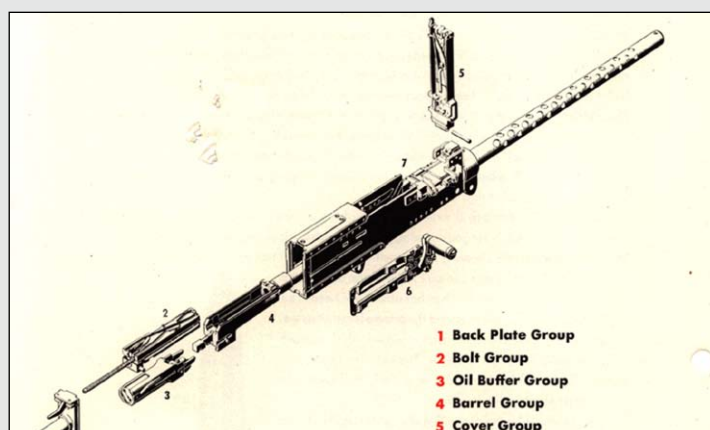
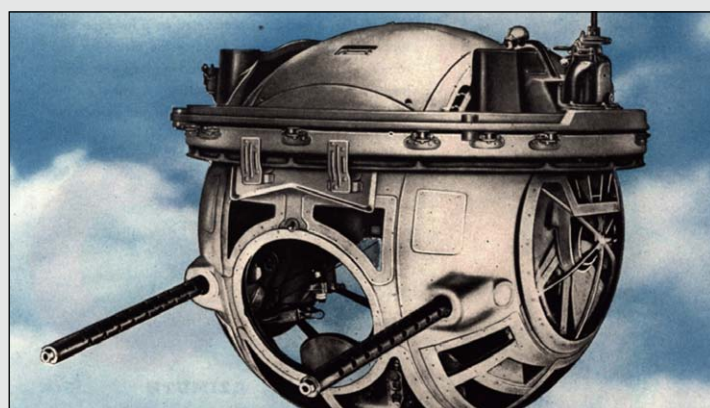




The M2 machine gun in the B-17 ball turret. (NARA)



Early tail turret with twin of M2 guns. (NARA)



Late variant of the tail turret (Cheyenne). (NARA)



Training on M2 for ground crews / armorers.



BIG ED (January)

- BIG3334 Bf 109G-6 1/32 Revell
- BIG3335 F4U-1 BIRDCAGE 1/32 Tamiya
- BIG7283 Ju 88C-6 1/72 Revell
- BIG5319 IJN AGANO 1/350 Hasegawa

ON APPROACH

BRASSIN



(January)

672028
SR-55 rocket pod
1/72 Eduard

648130
Ju 88 wheels early
1/48 Dragon

648131
MG 81 gun
1/48

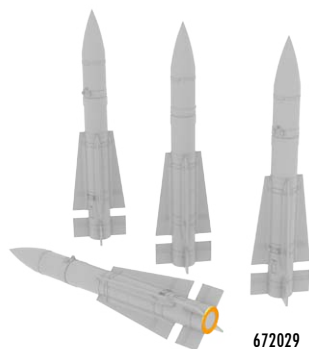
632025
Bf 109G-6 engine
1/32 Revell

672029
AIM-54A Phoenix
1/72

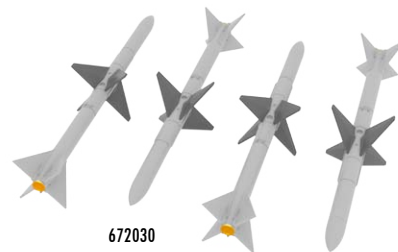
672030
AIM-7E Sparrow
1/72

648132
B-29 wheels
1/48 Revell

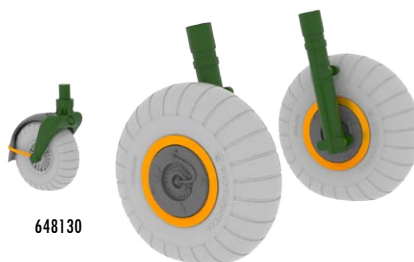
632031
Me 262 wheels
1/32 Trumpeter



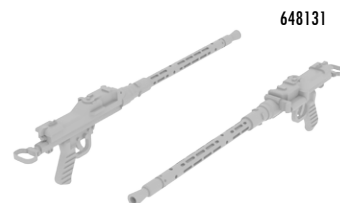
672029



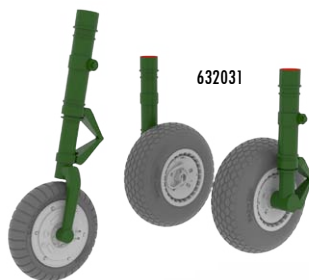
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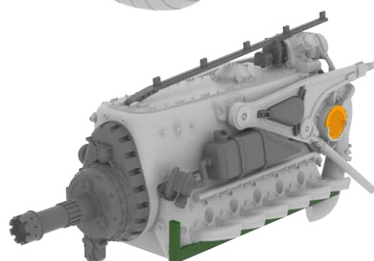
648130



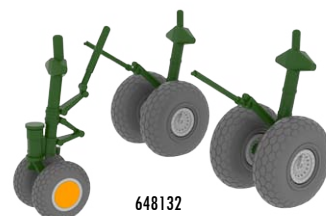
648131



632031



632025



648132

KITS

(January)



84136
Spitfire Mk.IXc
Late version
1/48 Weekend



1185
DH-2 Stripdown
1/48 Limited edition



7056
MiG-15bis
1/72 ProfiPACK

Borecká K. 2012

PHOTO-ETCHED SETS (January)

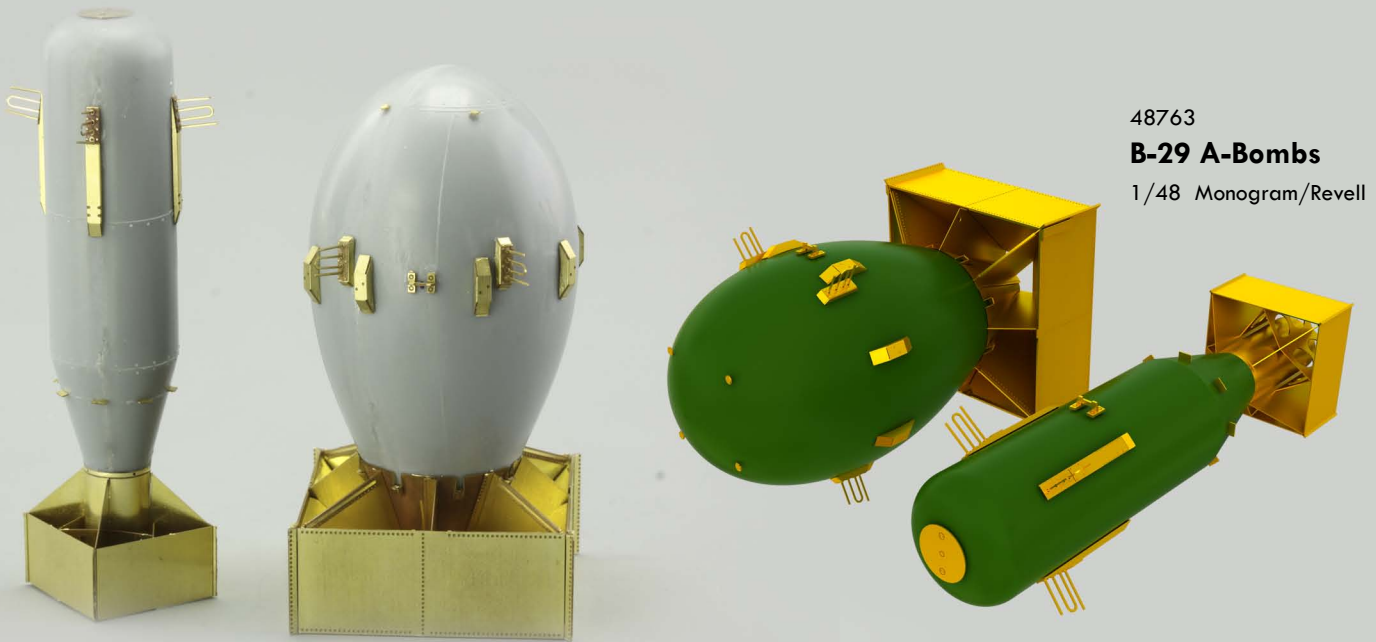
PE-SETS

17529	Figures Kriegsmarine trop WWI.	1/350
32802	Me 163B S.A.	1/32 Meng
48743	B-29 undercarriage	1/48 Monogram/Revell
48744	B-29 exterior	1/48 Monogram/Revell
48746	B-29 bomb tails	1/48 Monogram/Revell
48763	B-29 A-Bombs	1/48 Monogram/Revell
48795	IAI Kfir C2/C7 exterior	1/48 AMK
49634	B-29 rear interior	1/48 Monogram/Revell
49646	Spitfire Mk.IXc Weekend	1/48 Eduard
49662	H-34 S.A.	1/48 Gallery Models
49663	MiG-23MF interior S.A.	1/48 Trumpeter
49664	IAI Kfir C2 interior S.A.	1/48 AMK
49666	H-34 cargo seatbelts	1/48 Gallery Models
53102	IJN Chikuma	1/350 Tamiya

53103	IJN Chikuma railings	1/350 Tamiya
53106	U-boat IXC	1/350 Revell
73482	MV-22 S.A.	1/72 Hasegawa
73485	Lancaster B Mk.I/B Mk.III interior S.A.	1/72 Airfix
73494	A6M3 S.A.	1/72 Tamiya

ZOOMS

33130	Me 163B interior S.A.	1/32 Meng
FE662	H-34 interior S.A.	1/48 Gallery Models
FE663	MiG-23MF interior S.A.	1/48 Trumpeter
FE664	IAI Kfir C2 interior S.A.	1/48 AMK
SS482	MV-22 interior S.A.	1/72 Hasegawa
SS494	A6M3 S.A.	1/72 Tamiya
SS485	Lancaster B Mk.I/B Mk.III interior S.A.	1/72 Airfix



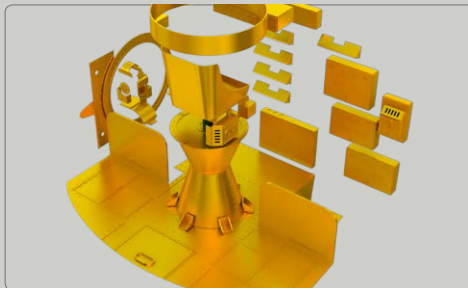
48763

B-29 A-Bombs

1/48 Monogram/Revell



48795 IAI Kfir C2/C7 exterior
1/48 AMK



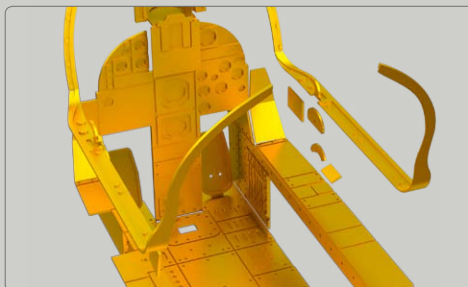
49634 B-29 rear interior
1/48 Monogram/Revell



49662 H-34 S.A.
1/48 Gallery Models



49663b MiG-23MF interior S.A.
1/48 Trumpeter



49664 IAI Kfir C2 interior S.A.
1/48 AMK



73482 MV-22 S.A.
1/72 Hasegawa

INTERNATIONAL SCALE KIT EXHIBITION

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UNIQUE SHOW
FROM
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OF SCALE
PLASTIC KITS



27.-28.9.2014

SAT 9-18; SUN 9-15

**SHOPPING CENTER
GALLERY BUTOVICE
PRAGUE**

**EXHIBITORS AND RESELLERS
OF HUNDREDS OF MODELS**

ENTERTAINMENT FOR VISITORS

EASY ACCESSABILITY, FREE PARKING, SNACK-BAR

TUBE
STATION NOVÉ BUTOVICE



**Radlická 520/117, Praha 5,
underground parking lot**

GPS: 50°2'50.9"N, 14°21'17.7"E

PARTNERI:



PORADATEL:



WWW.EDAY.CZ

