

## US SUPERSONIC FIGHTER 1:48 SCALE PLASTIC KIT



### intro

The Grumman F-14 Tomcat was developed for the United States Navy's Naval Fighter Experimental (VFX) program, following the collapse of the F-111B project. During the design phase, the experience of air combat against MiG fighters during the Vietnam War was taken into consideration.

The F-14 made its maiden flight in December 1970, and entered service in 1974, aboard USS Enterprise (CVN-65). Tomcats replaced the McDonnell Douglas F-4 Phantom II, and took part in the American withdrawal from South Vietnam.

The F-14 had its first kills in U.S. Navy service, on 19th August 1981. This aerial clash is known as the Gulf of Sidra incident. Two Tomcats from VF-41 Black Aces were engaged by two Libyan Su-22 "Fitters". The F-14s evaded the AA-2 "Atoll" missile and downed both Libyan Sukhois by returning fire.

U.S. Navy F-14s once again fought against Libyan aircraft on 4th January 1989, when two F-14s from VF-32 shot down two Libyan MiG-23 "Floggers" over the Gulf of Sidra. This aerial clash is known as the second Gulf of Sidra incident.

The Tomcat was capable of deploying an assortment of air-to-ground ordnance in various configurations, along with simultaneously carrying AIM-7, AIM-9 and AIM-54 air-to-air missiles. The LANTIRN targeting system allows delivery of various laser-guided bombs for precision strikes in air-to-ground combat missions, and also for battle damage assessment. A number of F-14s also carried the Tactical Air Reconnaissance Pod System (TARPS), allowing in-theater tactical reconnaissance.

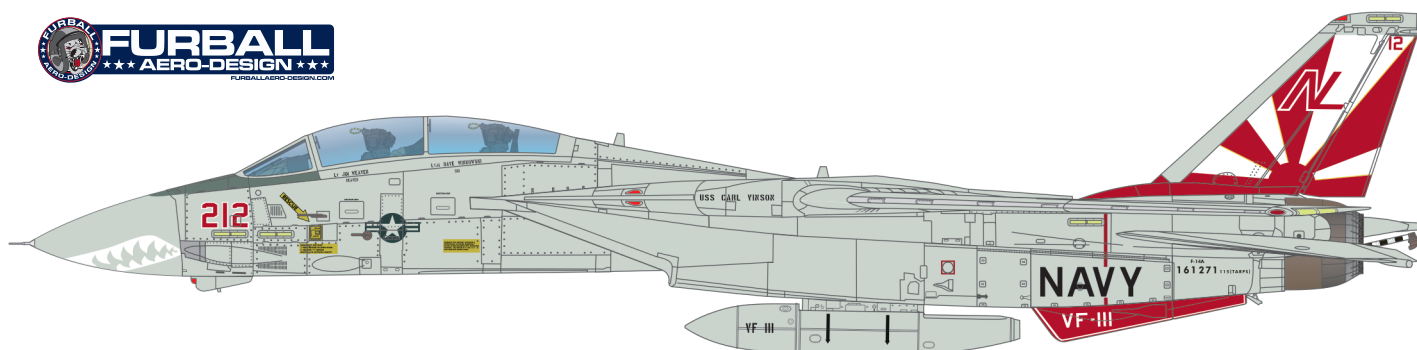
The F-14 Tomcat was officially retired from the U.S. Navy's active fleet on 22 September 2006, at Naval Air Station Oceana. The U.S. Navy received a total of 478 F-14A.

Besides the U.S. Navy, the Islamic Republic of Iran Air Force is the only operator of the F-14 Tomcat. In 1976, Iran ordered a total of 80 Tomcats and 714 Phoenix missiles. The first F-14 arrived in January 1976, and eventually, 79 F-14As were received by Iran.

During the war with Iraq, Iranian F-14s shot down at least 160 Iraqi aircraft - 58 MiG-23s, 23 MiG-21s, nine MiG-25s, 33 Mirage F.1s, 23 Su-17s, one Mil Mi-24, five Tu-22s, two MiG-27s, one Mirage 5, one B-6D, one Super Frelon, and two unknown aircraft.

The F-14 received the first of many major upgrades in March 1987. This upgraded version was designated the F-14A+. The P&W TF-30 engine was replaced with the improved GE F110-GE400 engine. The F-14A+ was later re-designated as F-14B, on 1 May 1991. A total of 38 F-14B were manufactured, and 48 F-14A were upgraded into B variants.

The final variant was the F-14D. The first Super Tomcat was delivered in 1991. It was powered by the same engines as the F-14B. The F-14D was equipped with newer digital avionics systems.





Carefully read instruction sheet before assembling. When you use glue or paint, do not use near open flame and use in well ventilated room. Keep out of reach of small children. Children must not be allowed to suck any part, or pull vinyl bag over the head.



Před započítím stavby si pečlivě prostudujte stavební návod. Při používání barev a lepidel pracujte v dobře větrané místnosti. Lepidla ani barvy nepoužívejte v blízkosti otevřeného ohně. Model není určen malým dětem, mohlo by dojít k požití drobných dílů.

## INSTRUCTION SIGNS \* INSTR. SYMBOLS \* INSTRUKTION SINNBILDEN \* SYMBOLES \* 記号の説明



OPTIONAL  
VOLBA



BEND  
OHNOUT



OPEN HOLE  
VYVRTAT OTVOR



SYMMETRICAL ASSEMBLY  
SYMETRICKÁ MONTÁŽ



REMOVE  
ODŘÍZNOUT



REVERSE SIDE  
OTOČIT



APPLY EDUARD MASK  
AND PAINT  
POUŽÍT EDUARD MASK  
NABARVIT

PARTS



DÍLY



TEILE



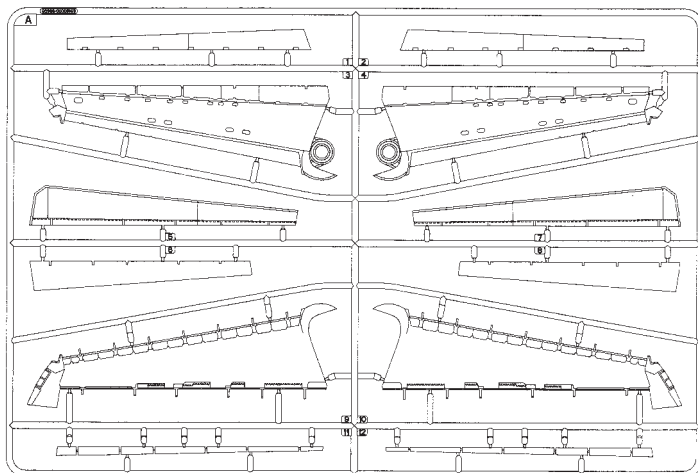
PIÈCES



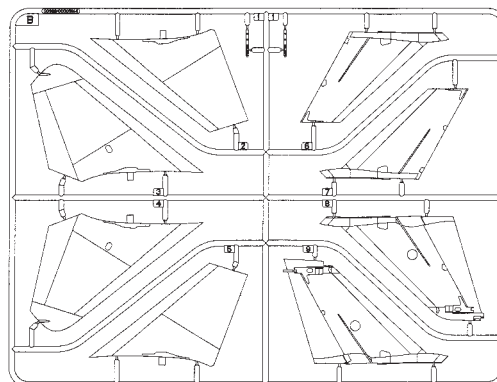
部品

## PLASTIC PARTS

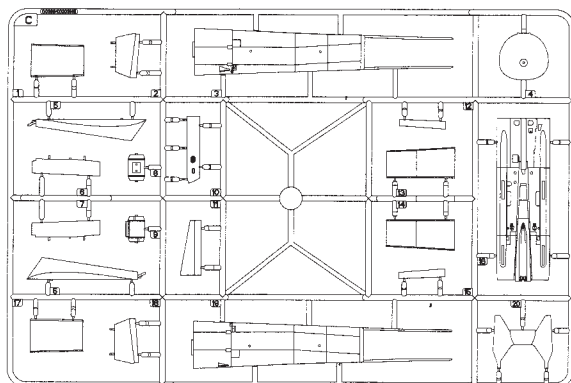
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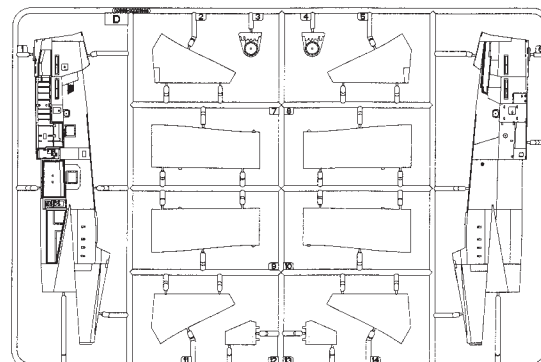
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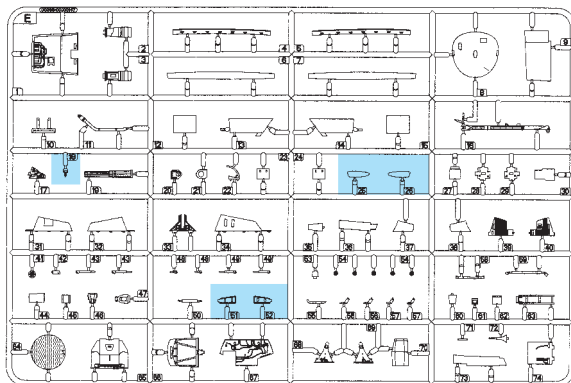
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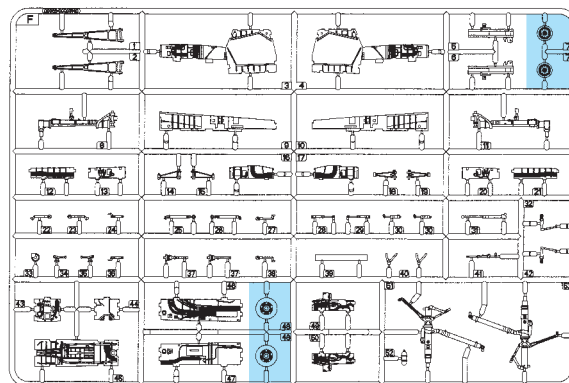
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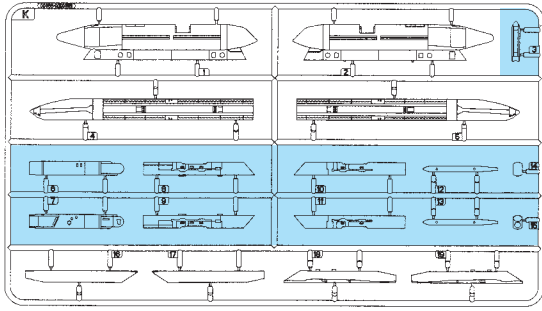
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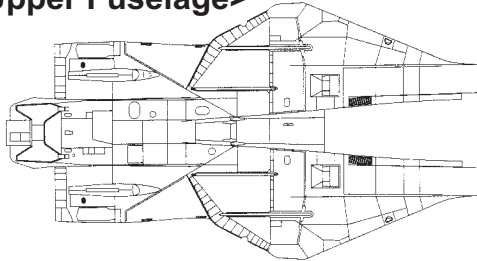
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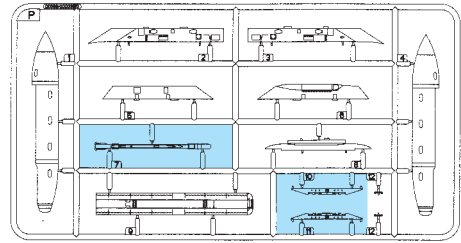
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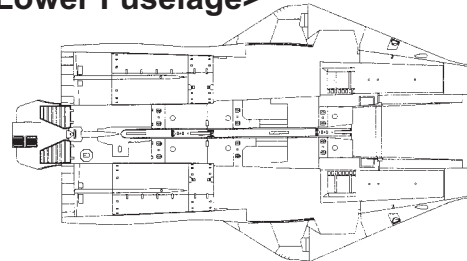
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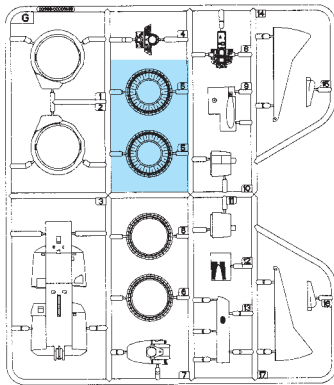
P> 2 pcs



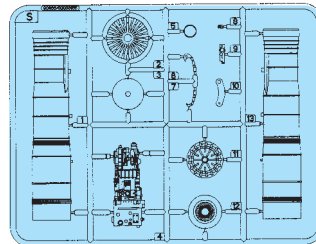
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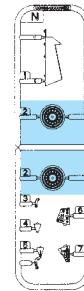
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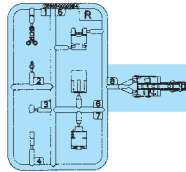
S> 2 pcs



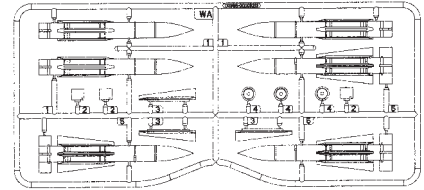
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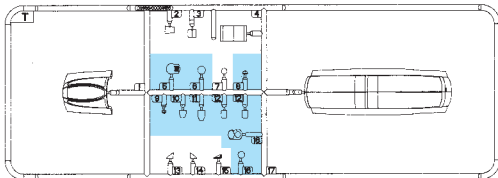
R> 2 pcs



WA> 2 pcs



T>



RP - RESIN PARTS

eduard  
BRASSIN

R1 2 pcs. R2 2 pcs. R3 2 pcs. R4 2 pcs.



R5 2 pcs.



R6 2 pcs.



R7 2 pcs.



R8 2 pcs.



R9 2 pcs.



R10 2 pcs.



R11 2 pcs.



R12 2 pcs.



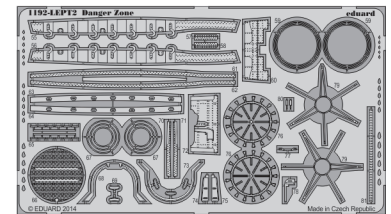
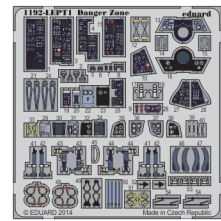
R13 2 pcs.



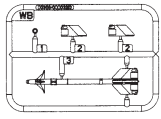
R14



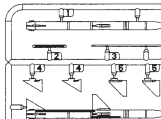
PE - PHOTO ETCHED DETAIL PARTS



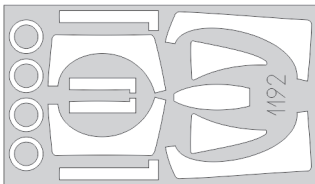
WB> 2 pcs



WC> 4 pcs



eduard  
MASK



-Parts not for use. -Teile werden nicht verwendet. -Pièces à ne pas utiliser. -Tyto díly nepoužívejte při stavbě. - 使用しない部品

COLOURS



BARVY



FARBEN



PEINTURE



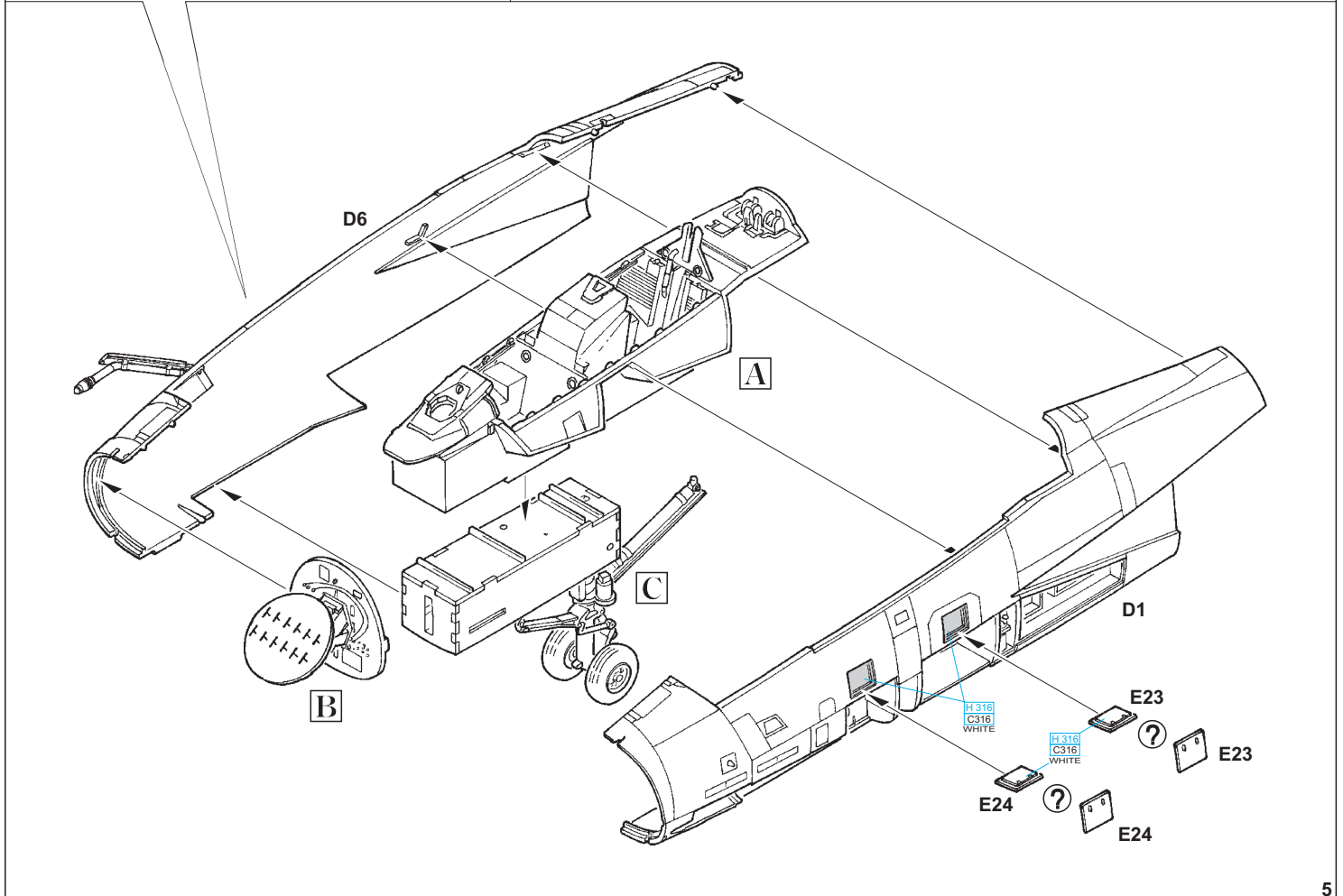
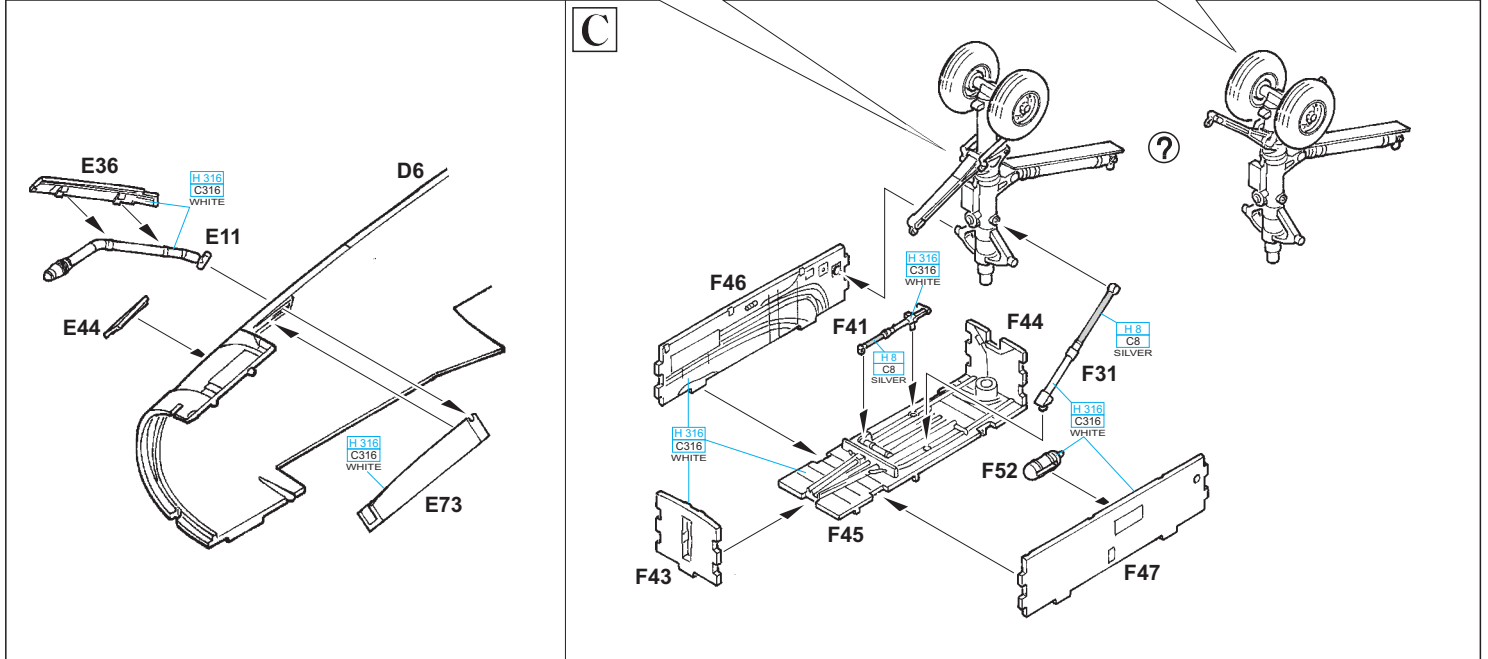
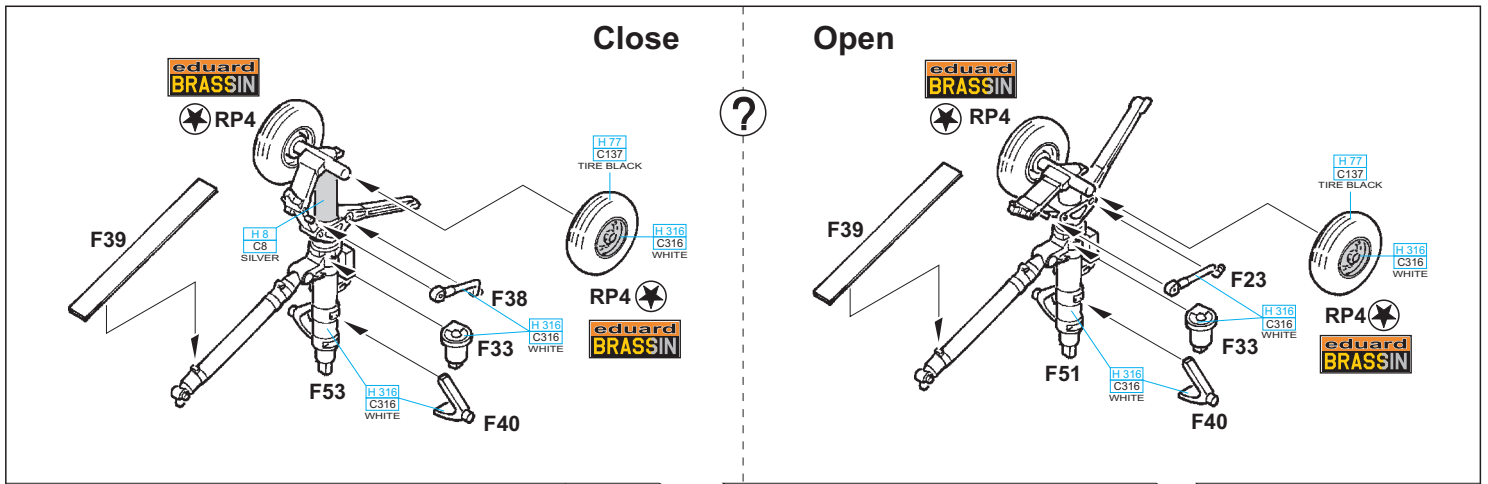
色

GSI Creos (GUNZE)		
AQUEOUS	Mr.COLOR	
H 2	C2	BLACK
H 8	C8	SILVER
H 12	C33	FLAT BLACK
H 77	C137	TIRE BLACK
H 81	C55	KHAKI
H 90	C47	CLEAR RED
H 94	C138	CLEAR GREEN
H 316	C316	WHITE
H 317	C317	GRAY
H 318	C318	RADOME

AQUEOUS	Mr.COLOR	
H 325	C325	GRAY
H 326	C326	BLUE
H 327	C327	RED
H 329	C329	YELLOW
H 334	C334	BARLEY GRAY
H 338	C338	LIGHT GRAY
	C127	COCKPIT COLOR
Mr.METAL COLOR		
	MC213	STEEL
	MC214	DARK IRON

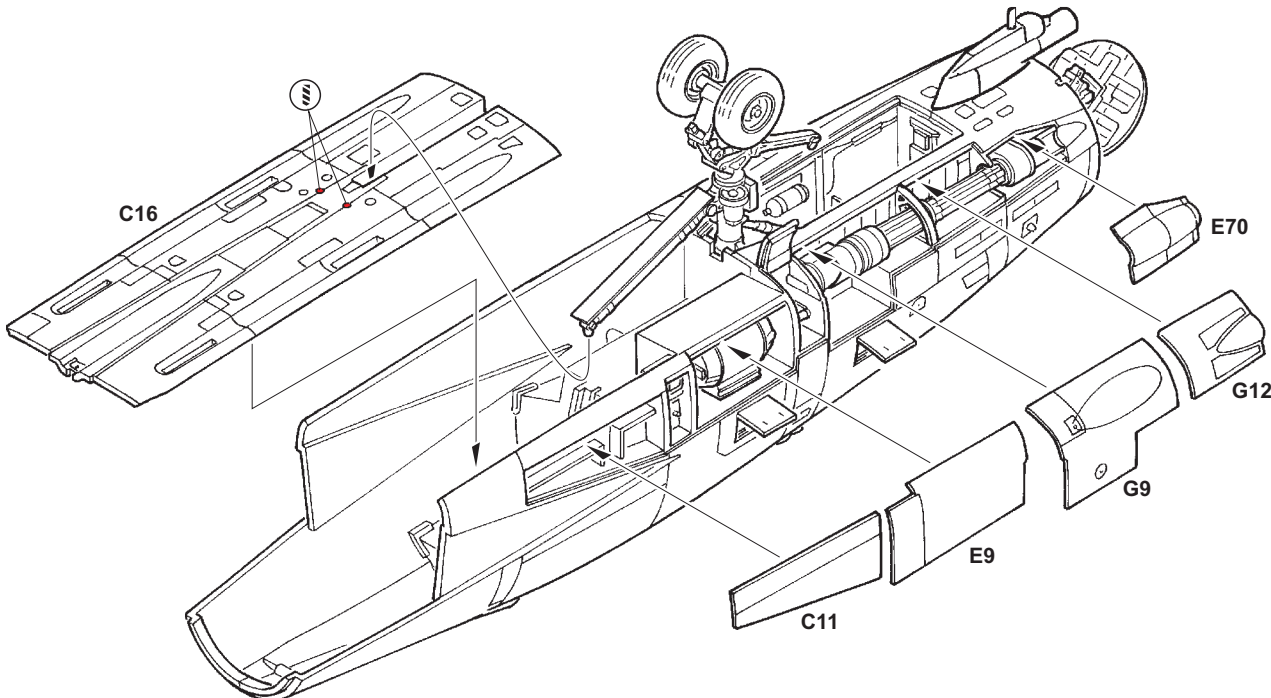
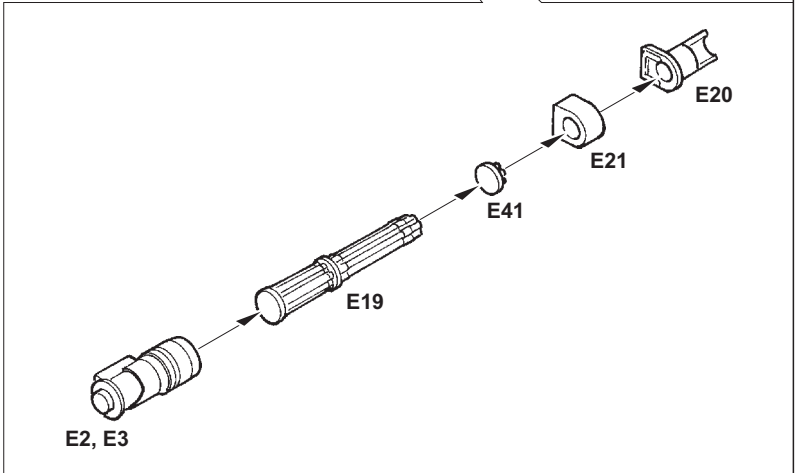
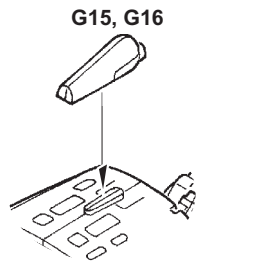
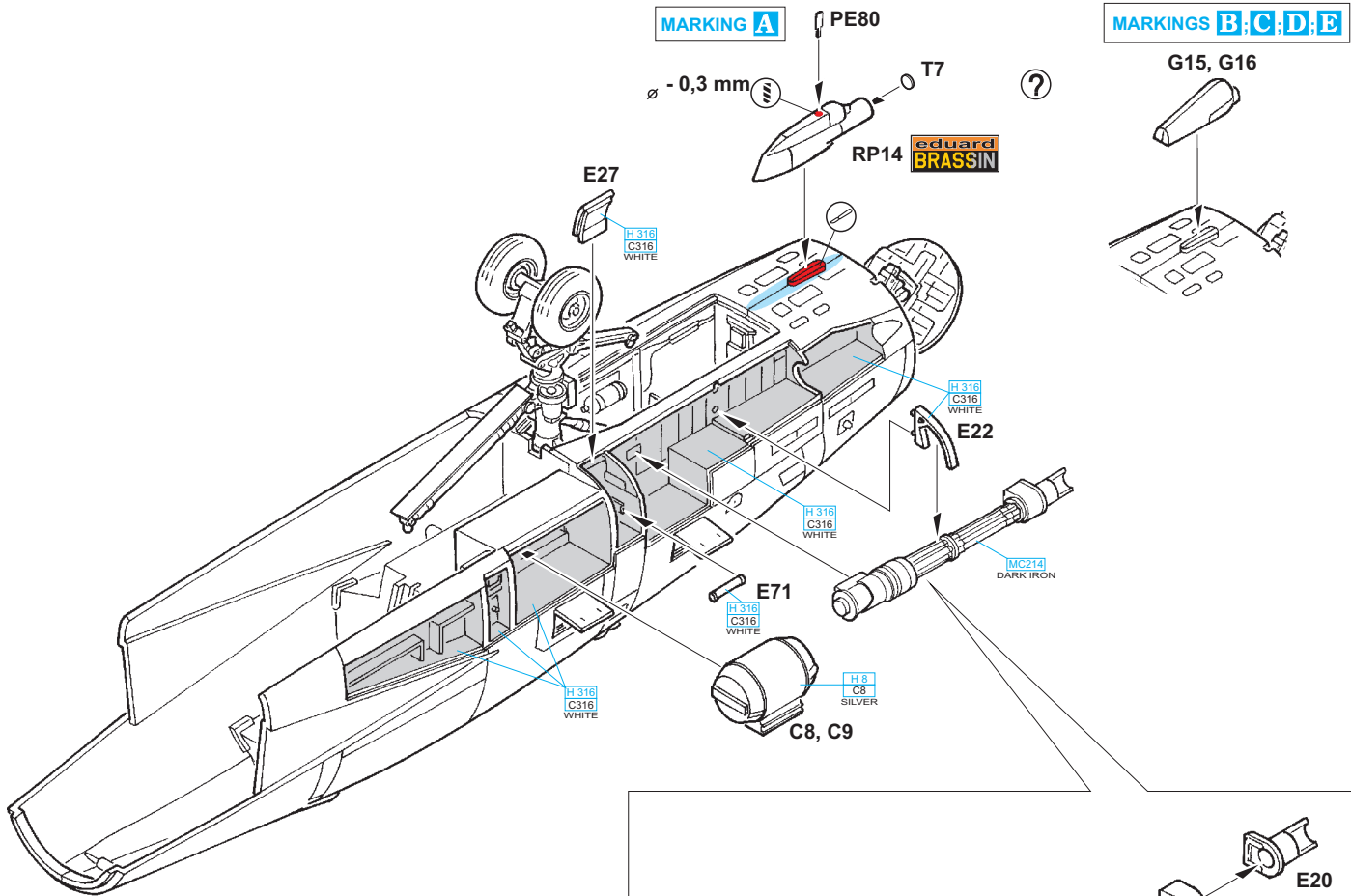




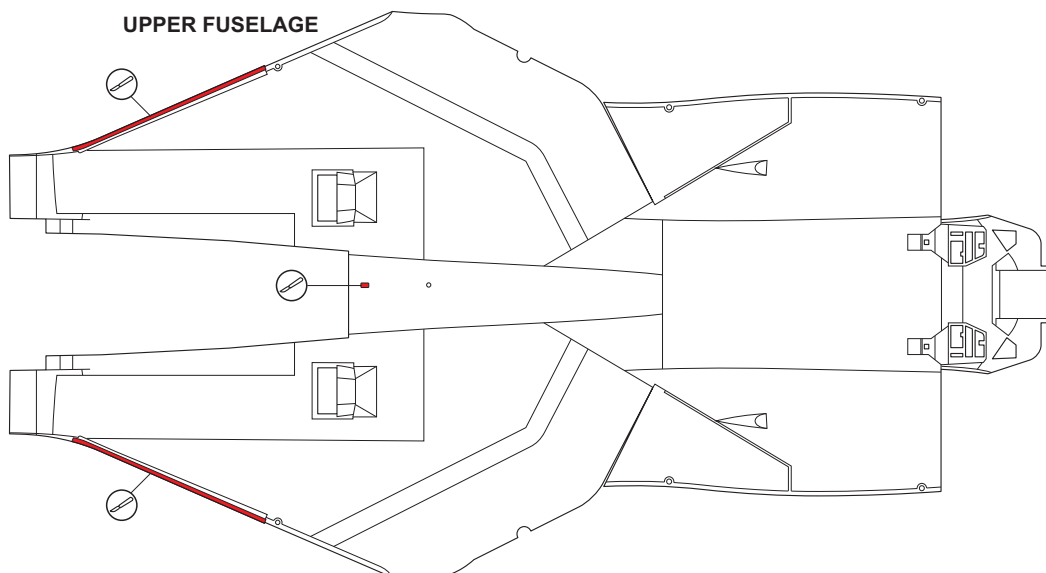
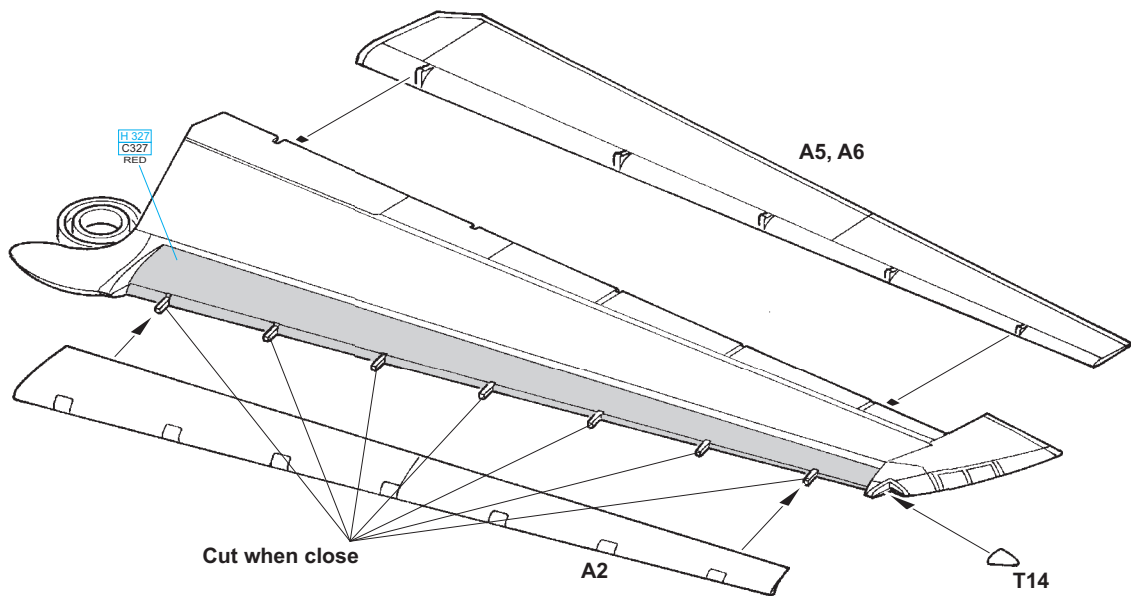
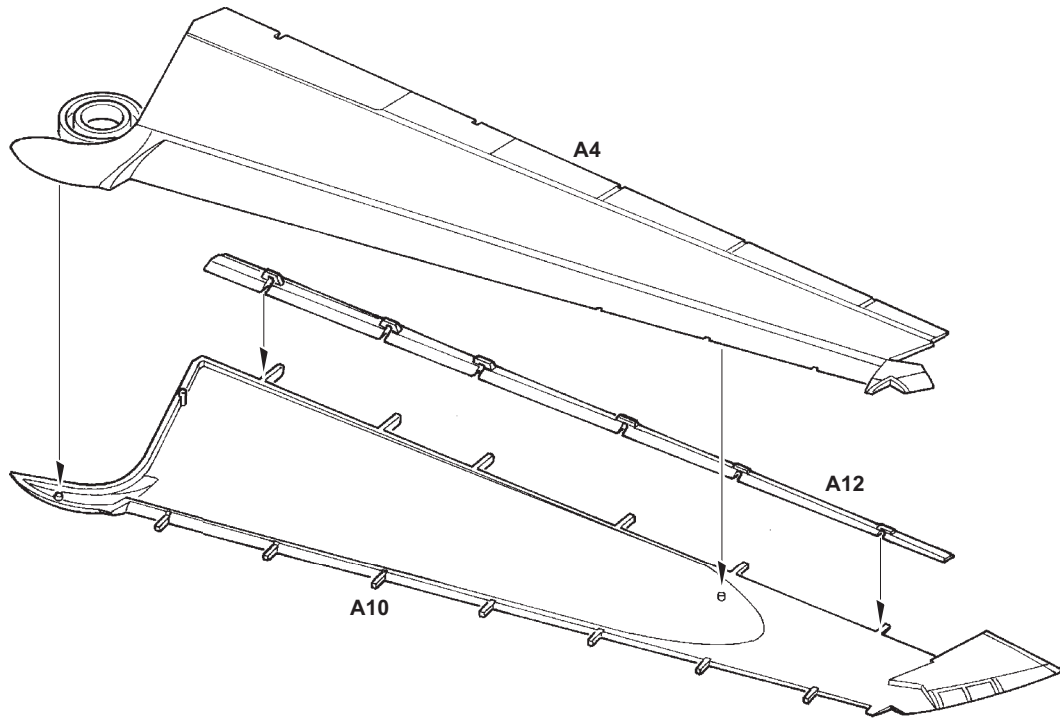


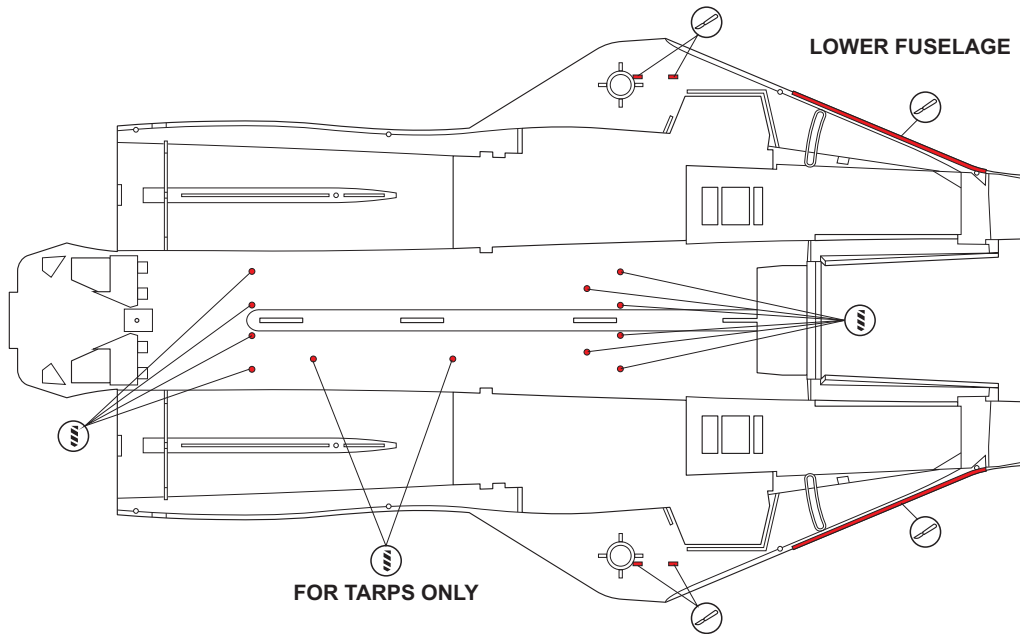
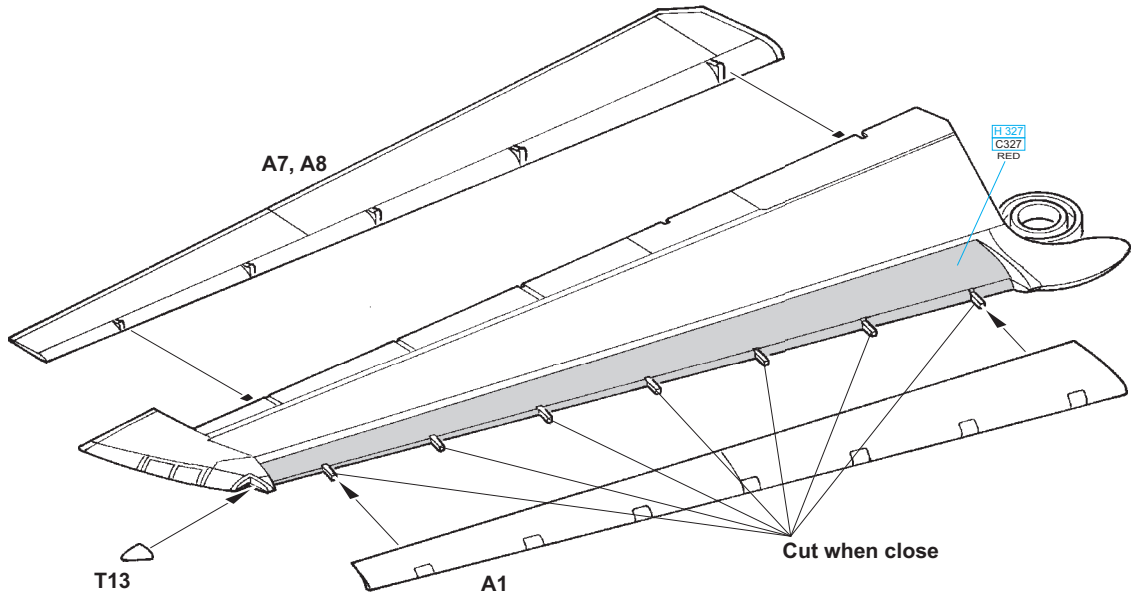
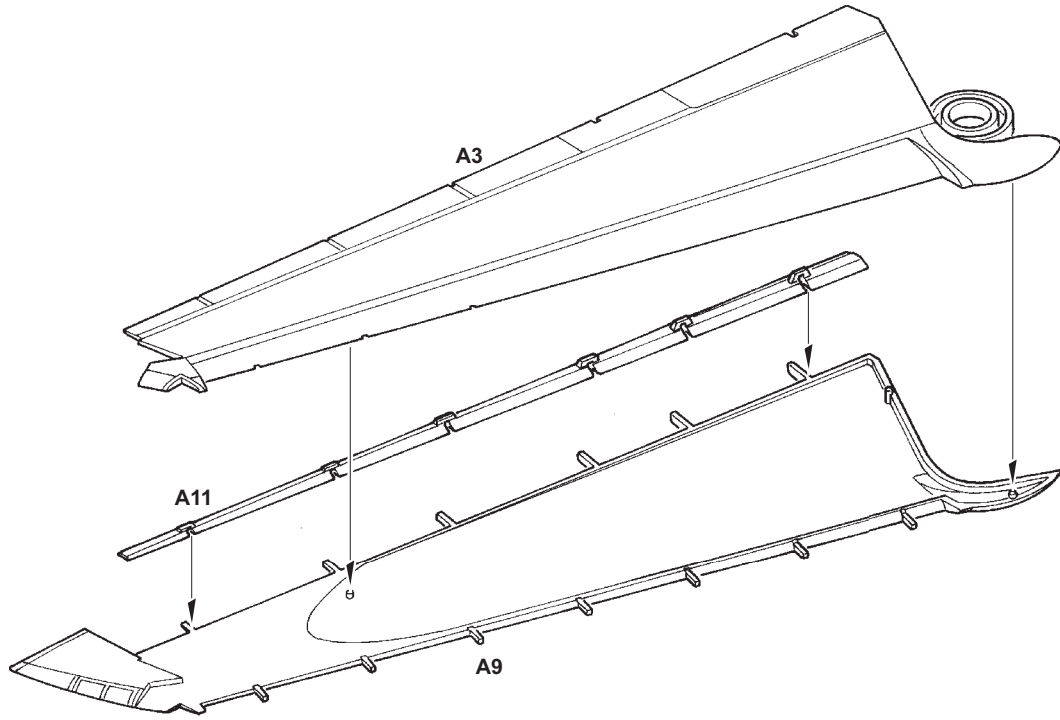
MARKING A

MARKINGS B, C, D, E

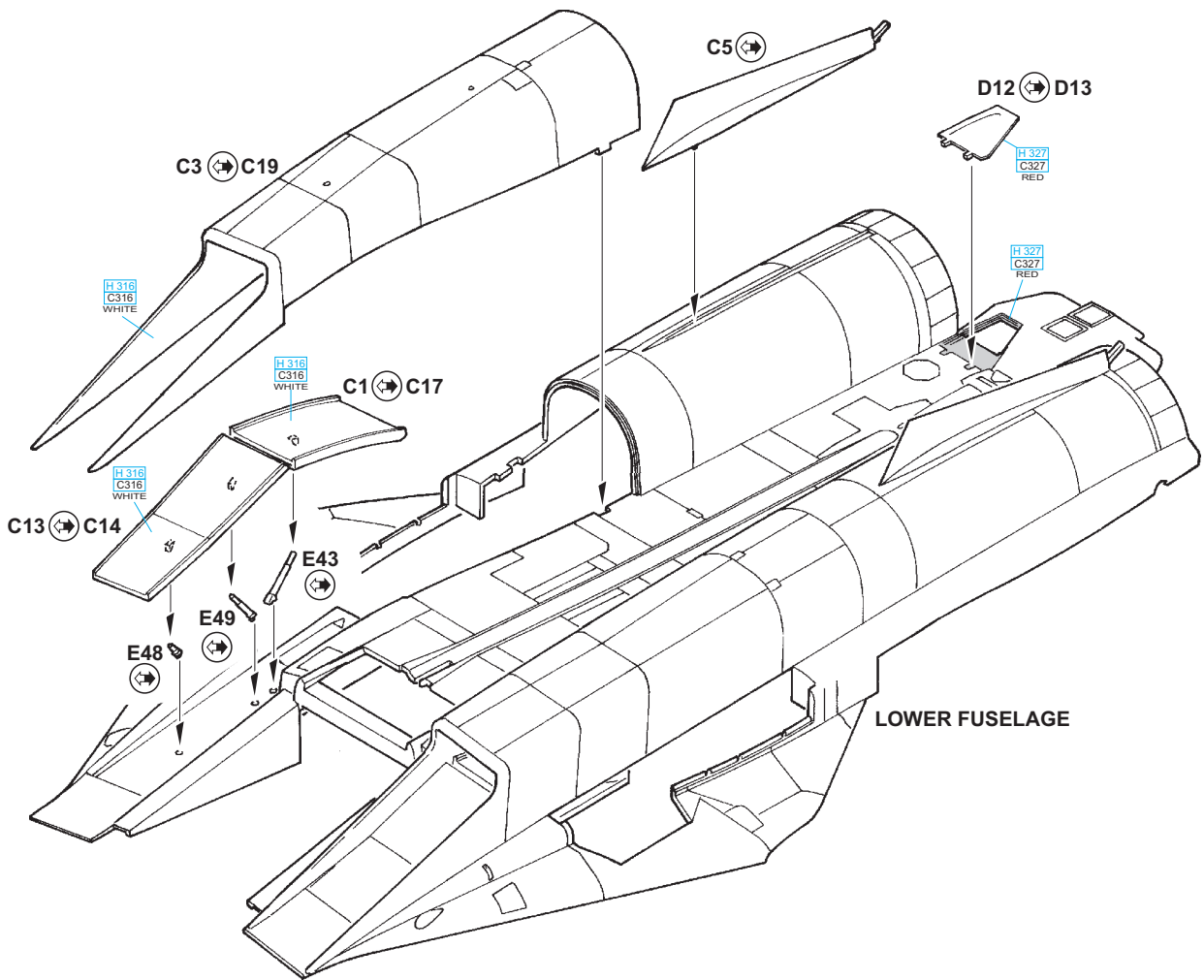


D

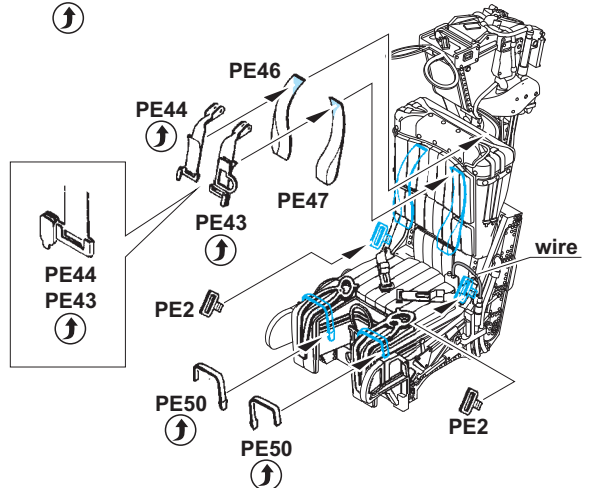
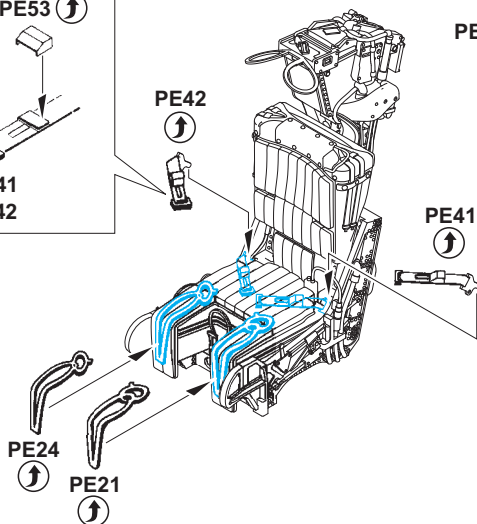
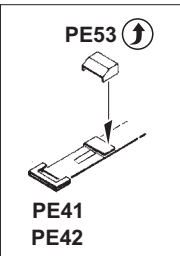
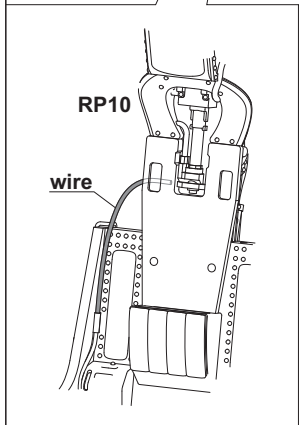
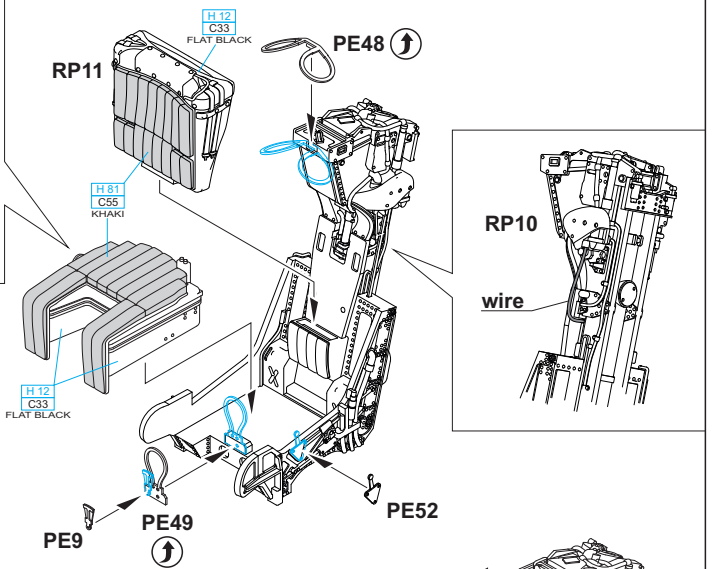
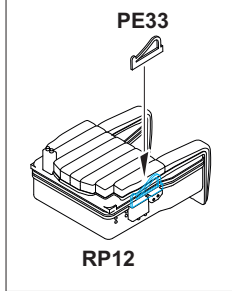
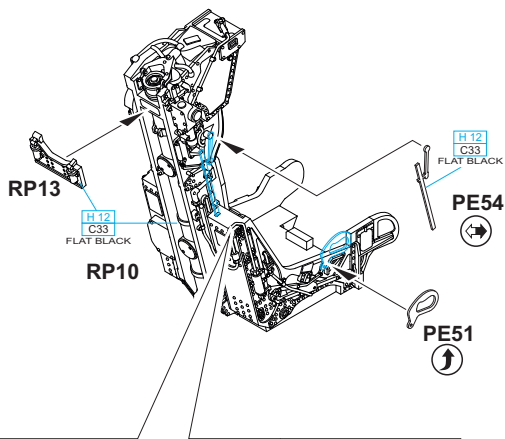


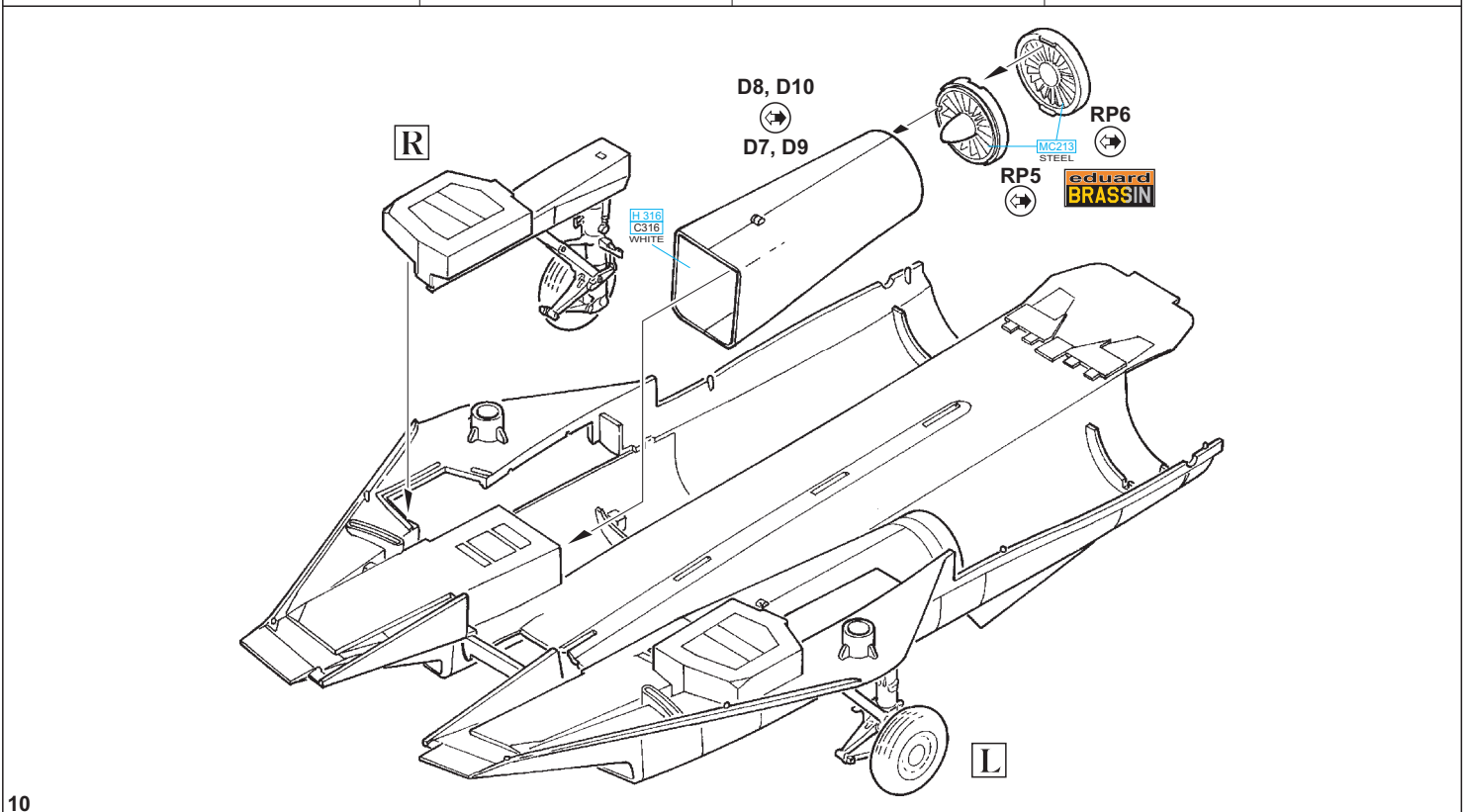
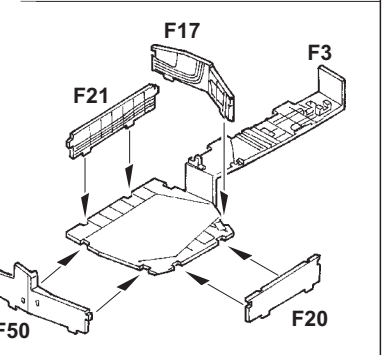
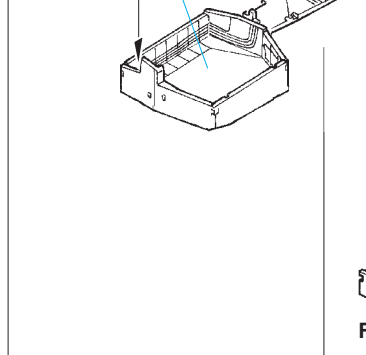
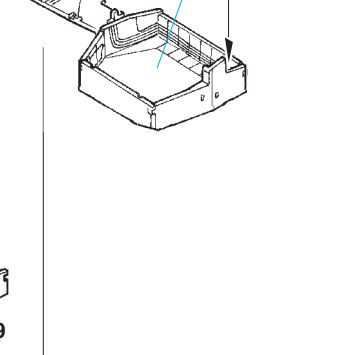
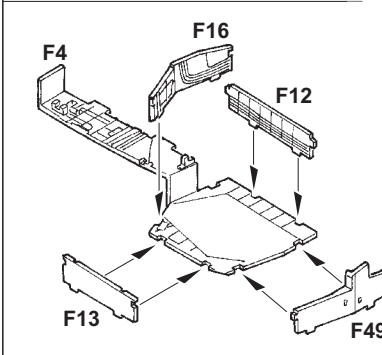
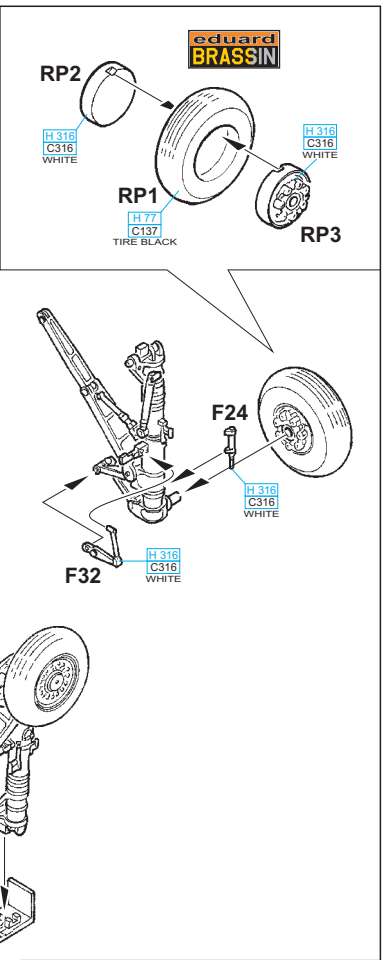
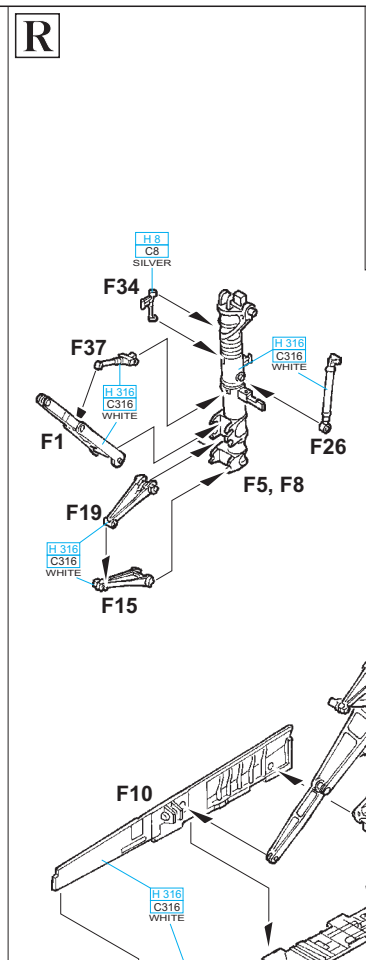
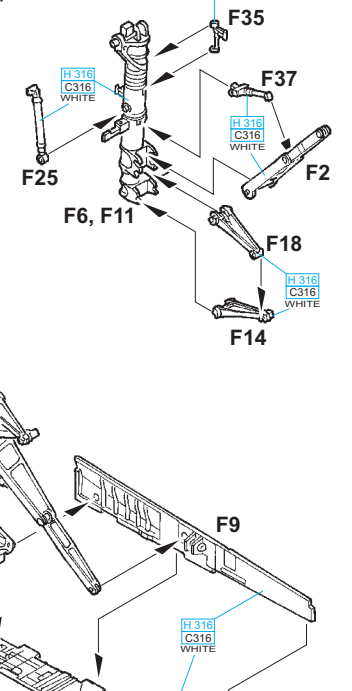
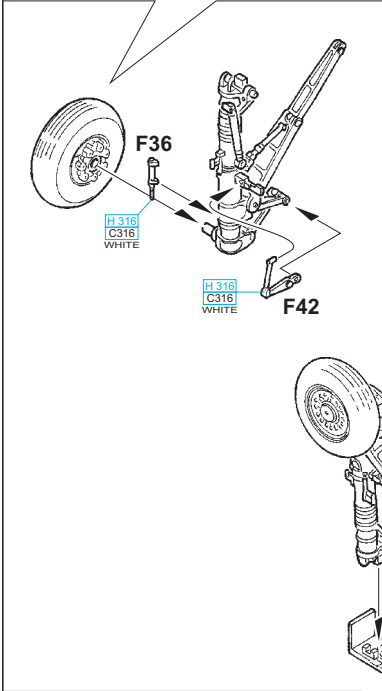
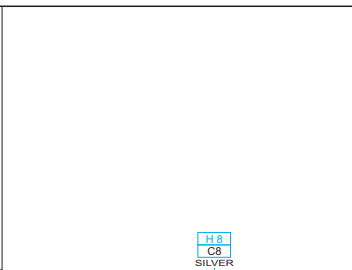
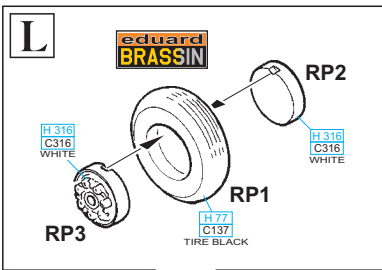


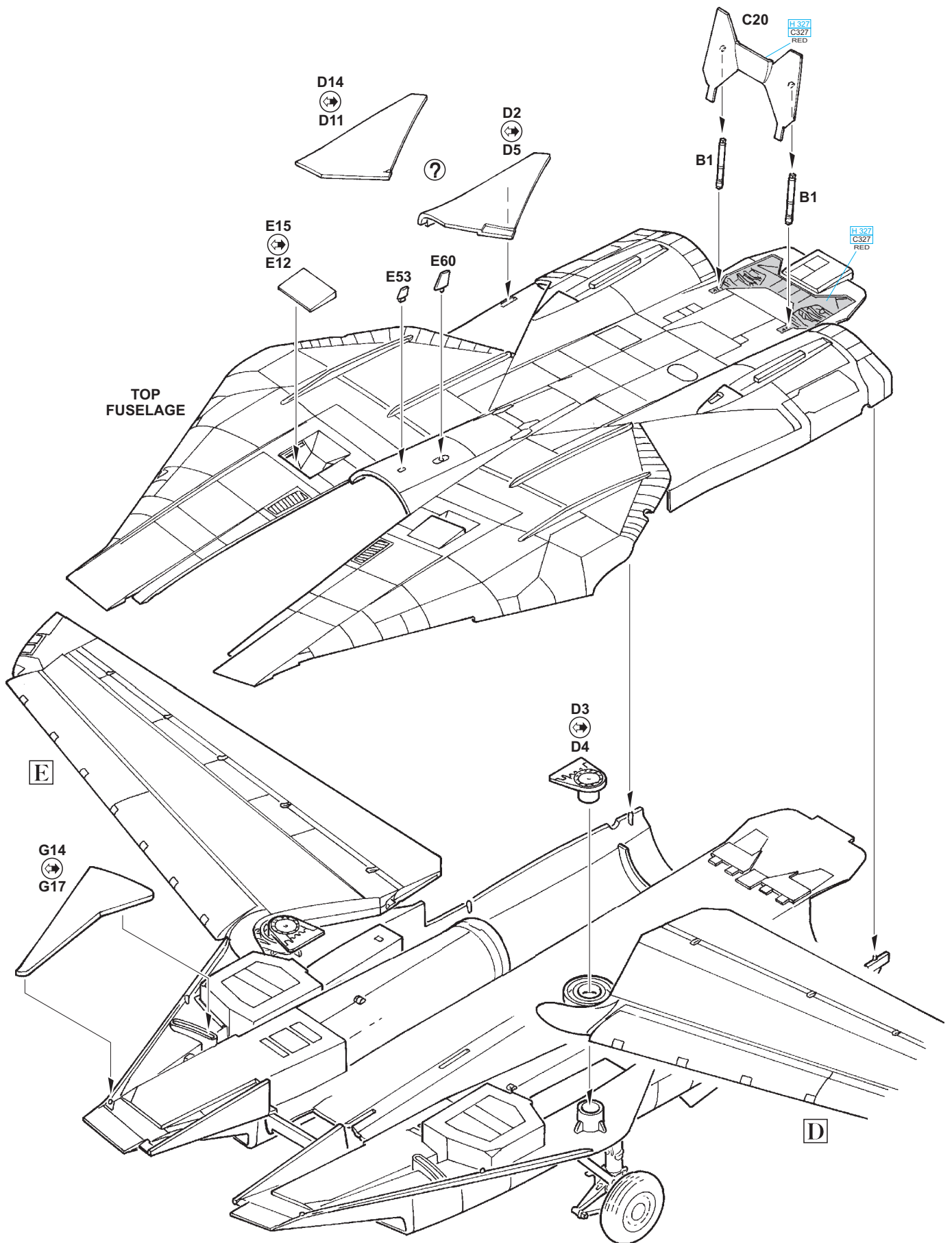


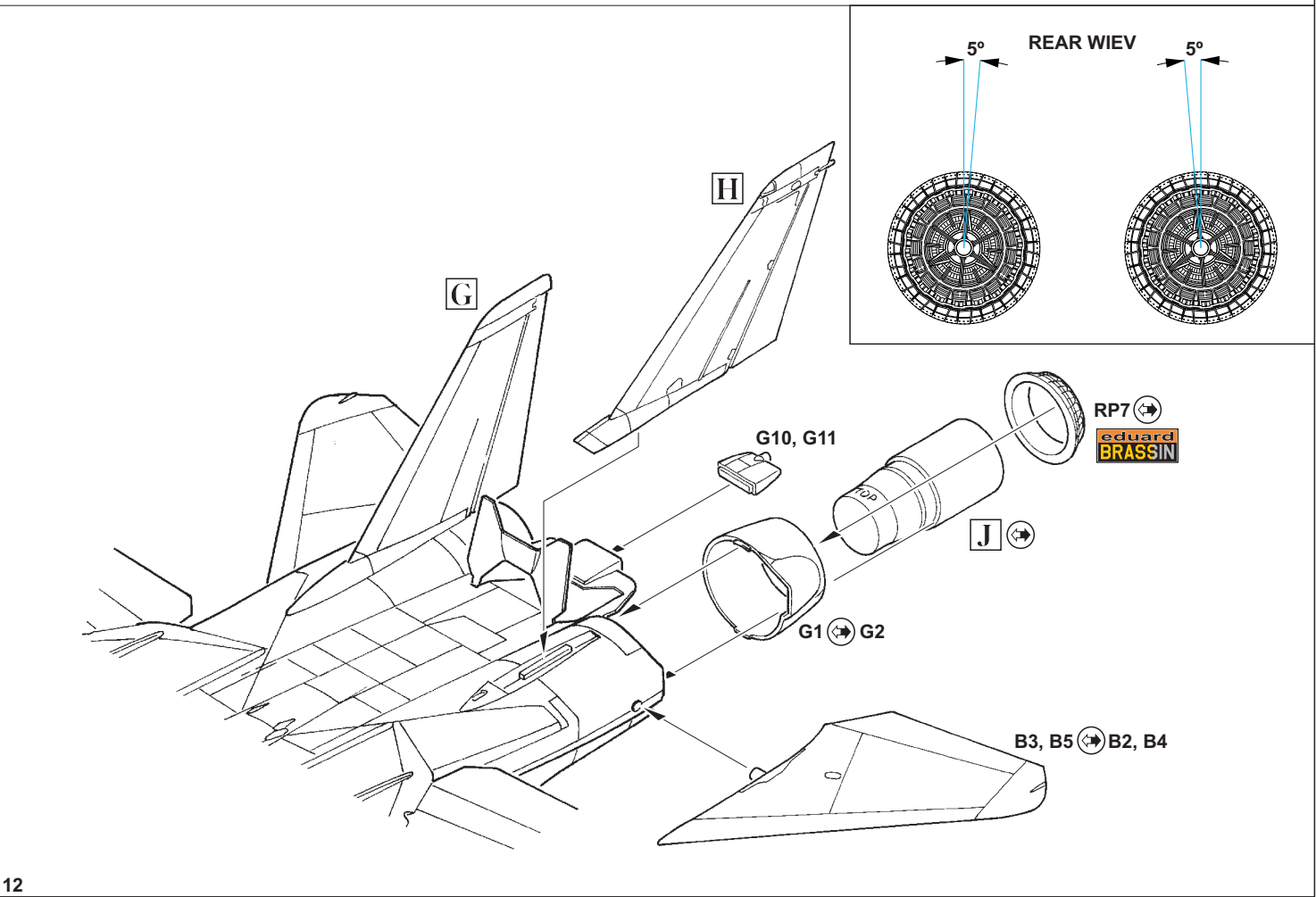
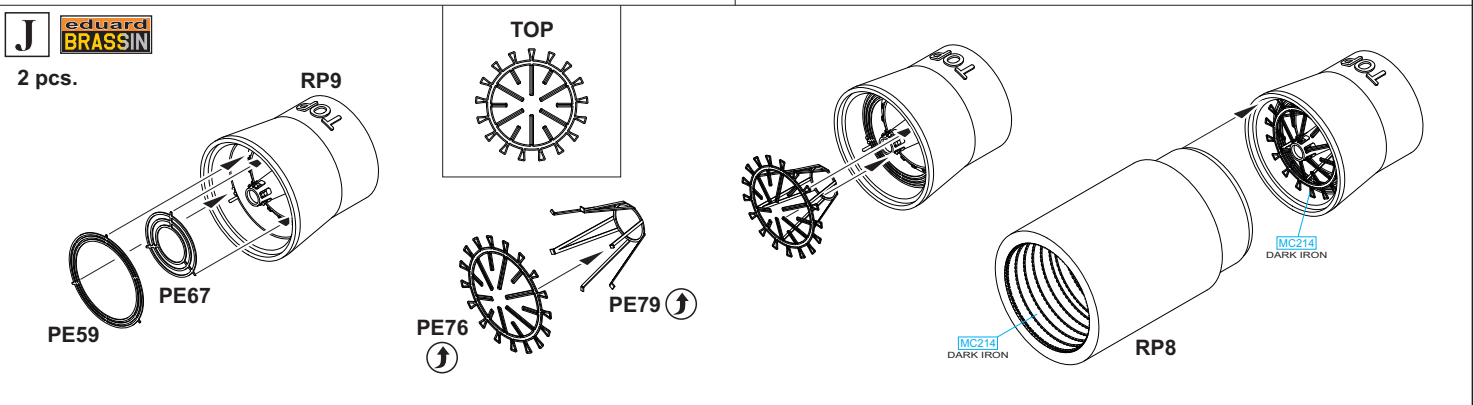
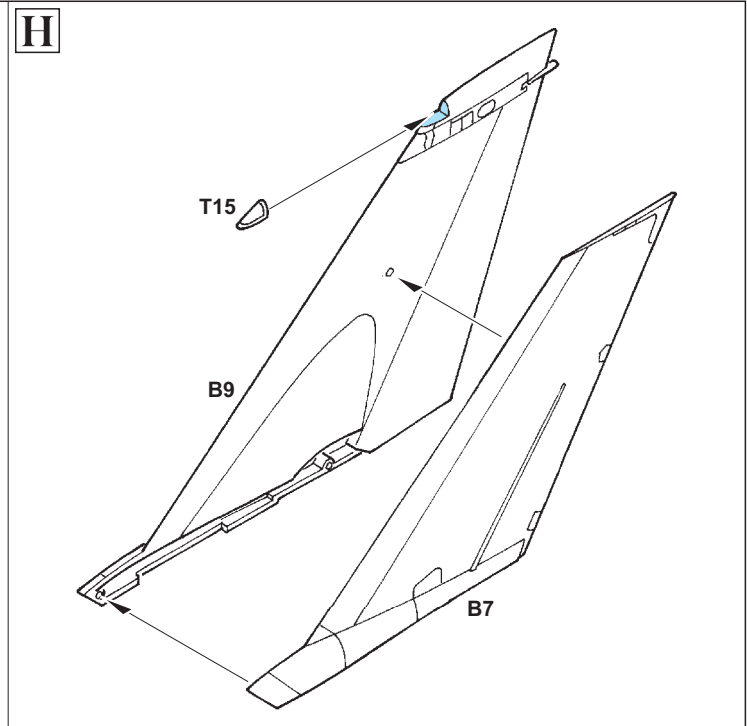
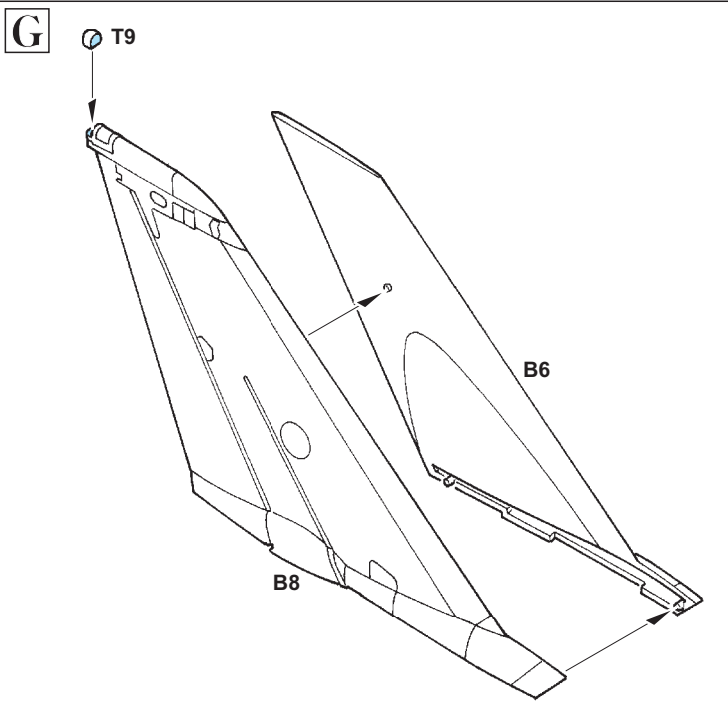


**F** eduard BRASSIN



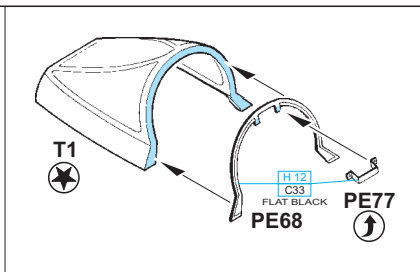
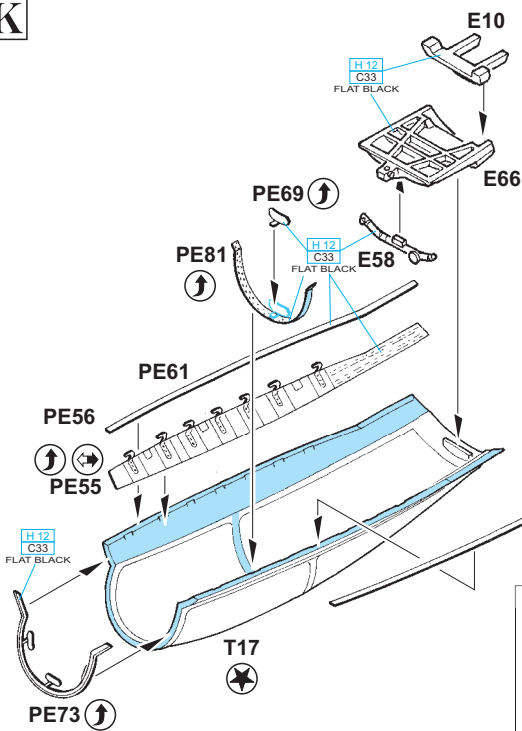




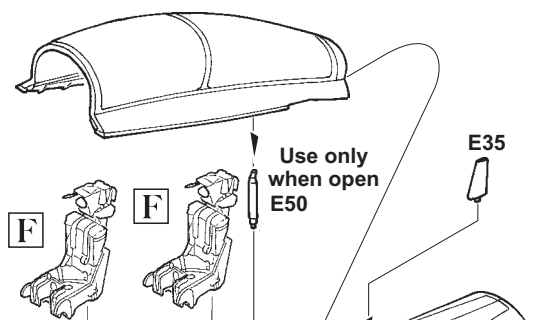




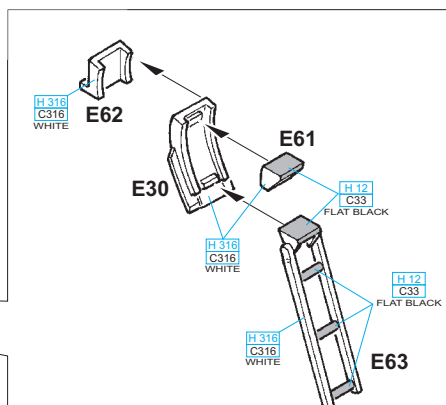
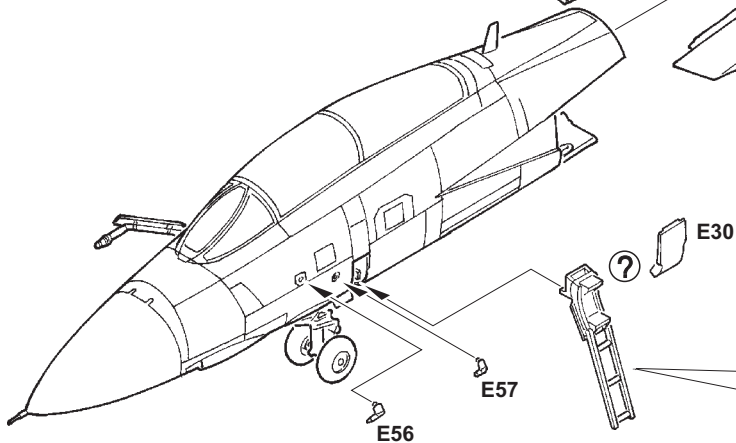
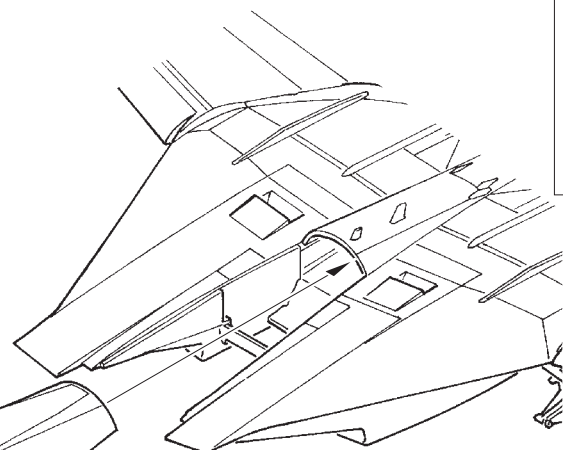
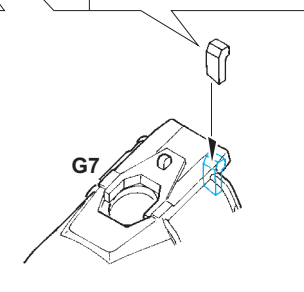
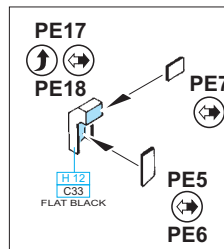
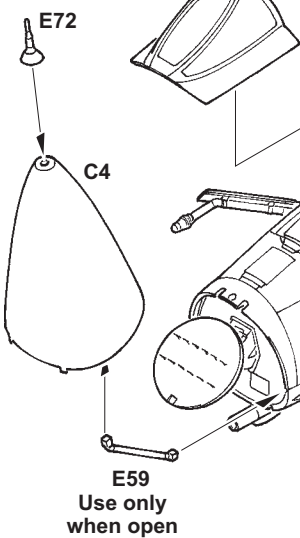
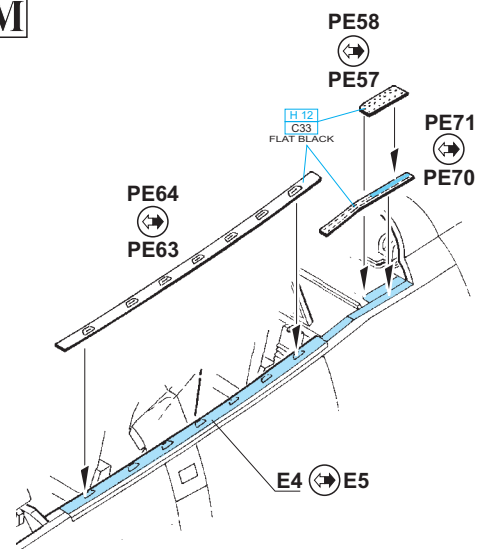
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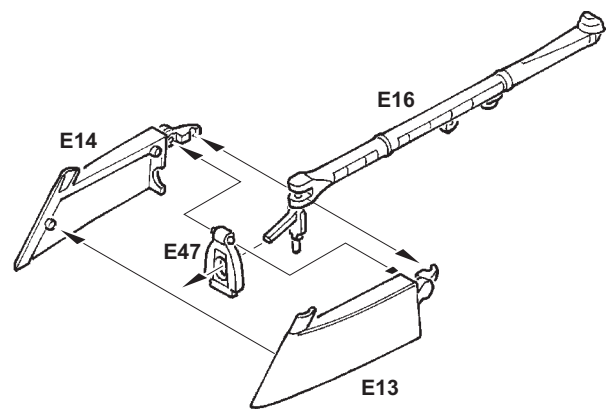
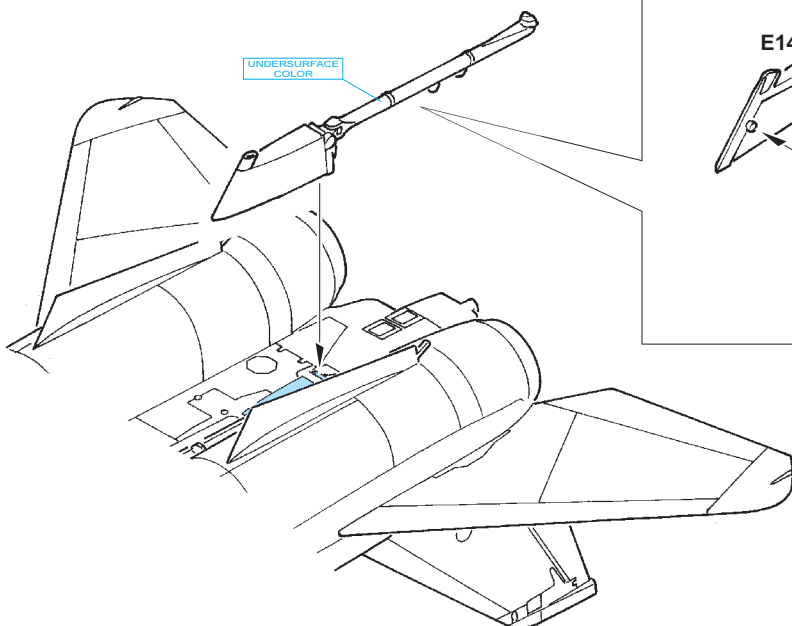
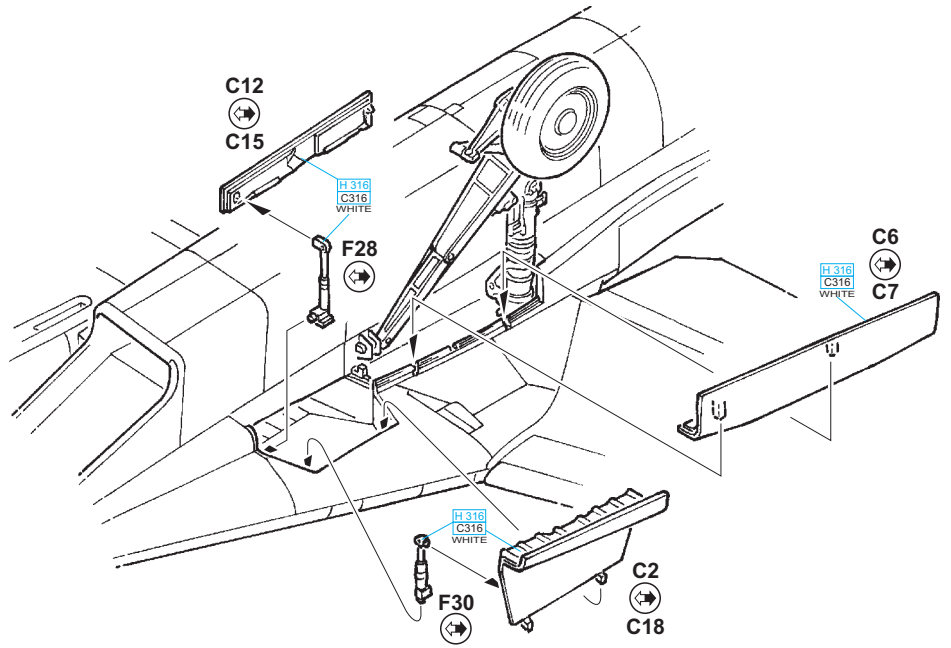
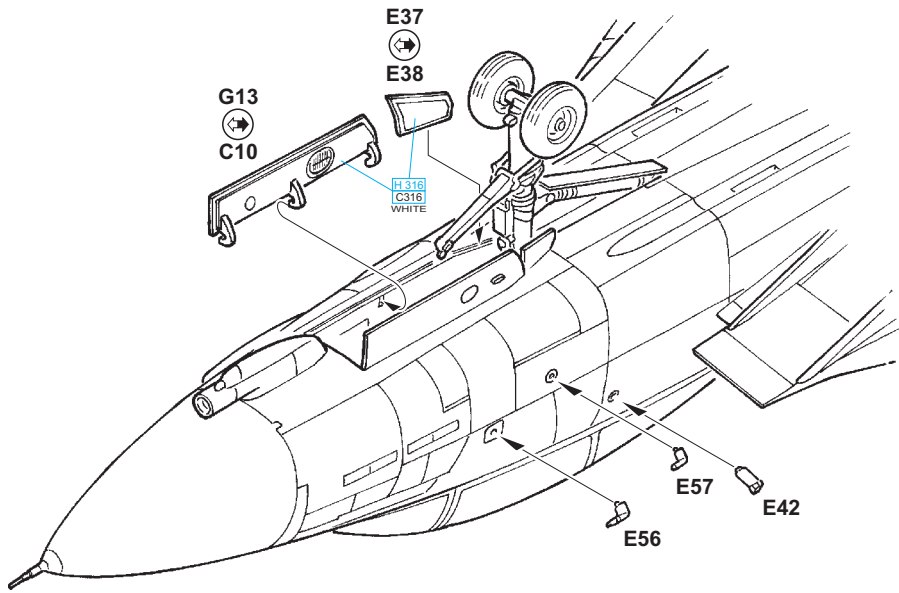


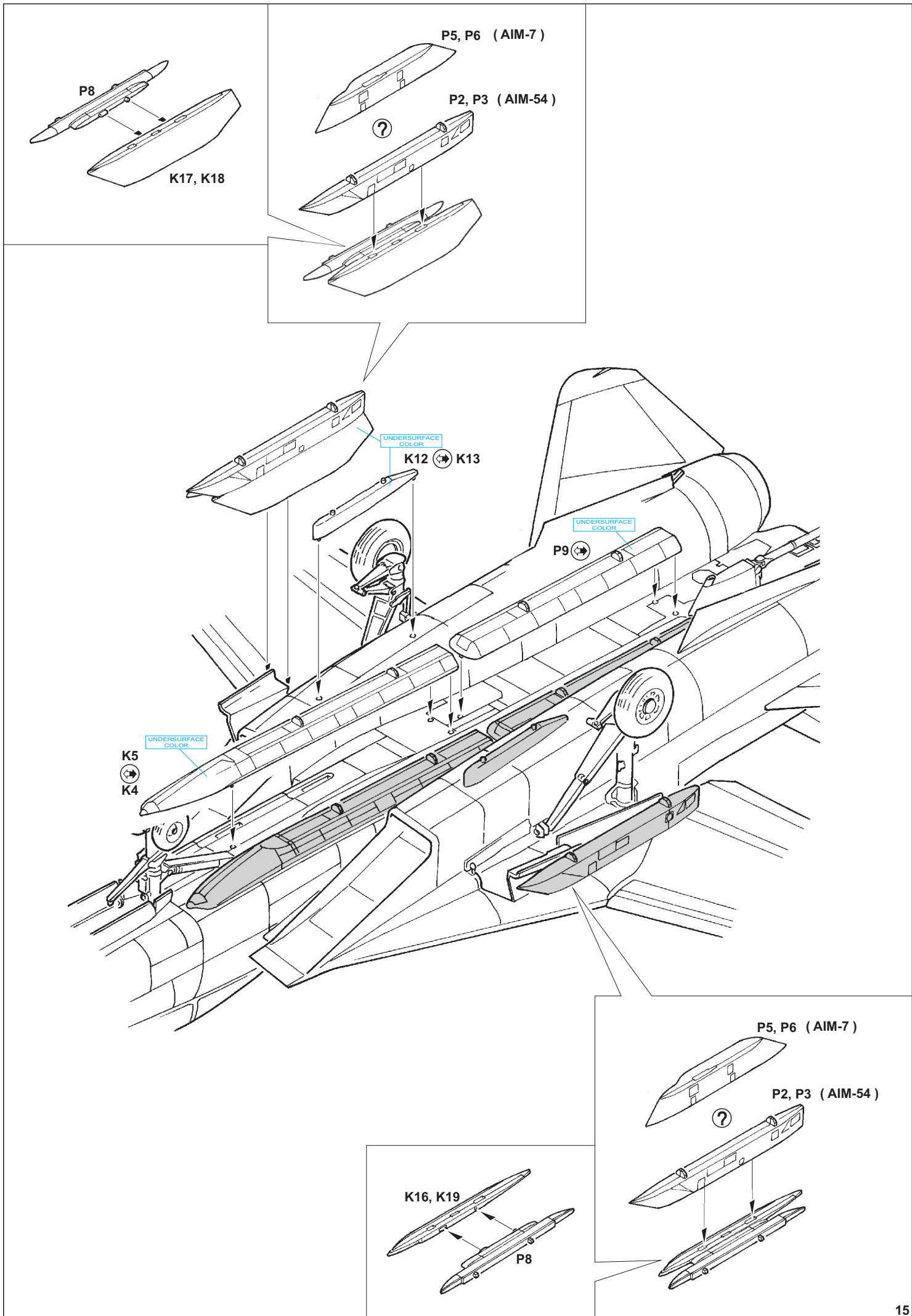
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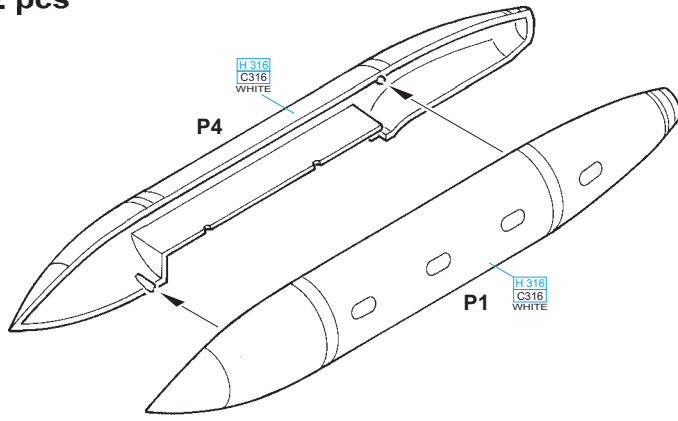
**M**



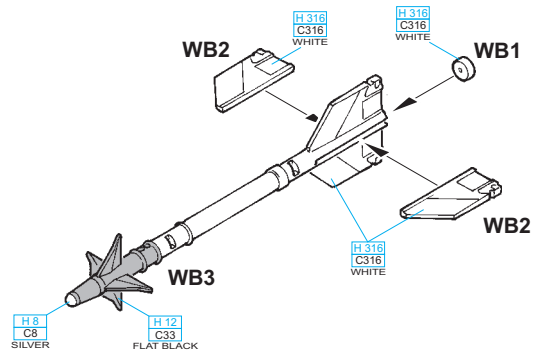




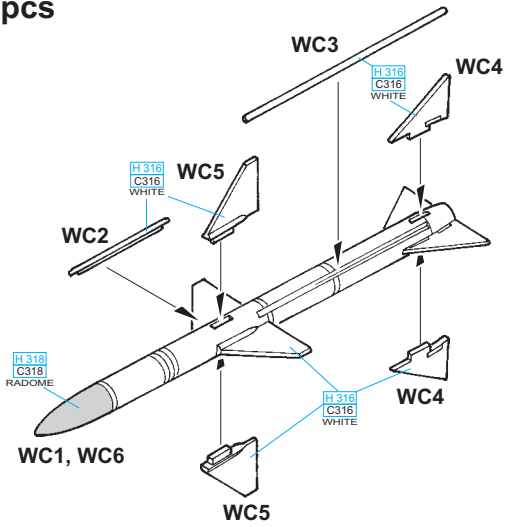
**( Fuel Tank )**  
2 pcs



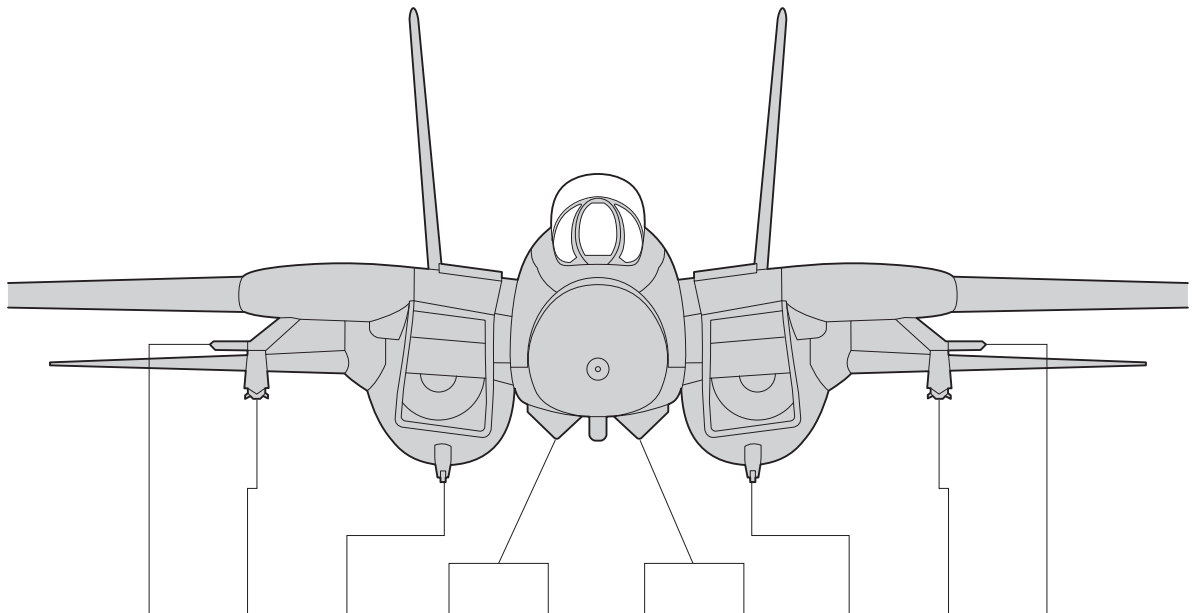
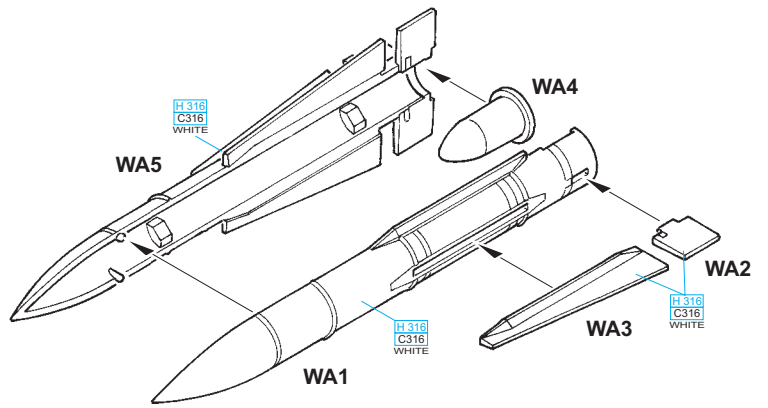
**( AIM-9 )**  
2 pcs



**( AIM-7 )**  
6 pcs



**( AIM-54 )**  
6 pcs

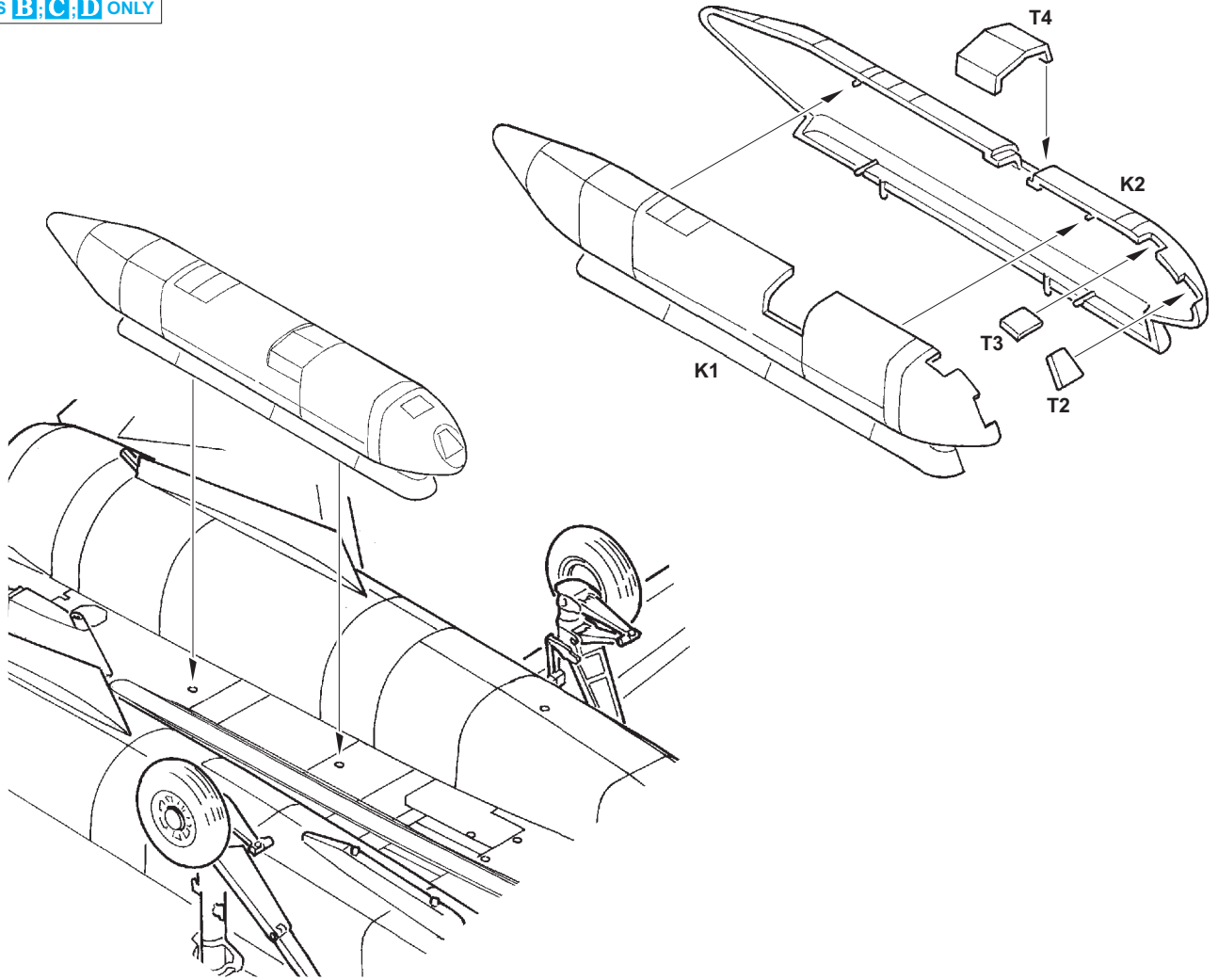


				Front	Back	Front	Back			
AIM-54		●		●	●	●	●		●	
AIM-7		●		●	●	●	●		●	
AIM-9	●									●
Fuel Tank			●					●		

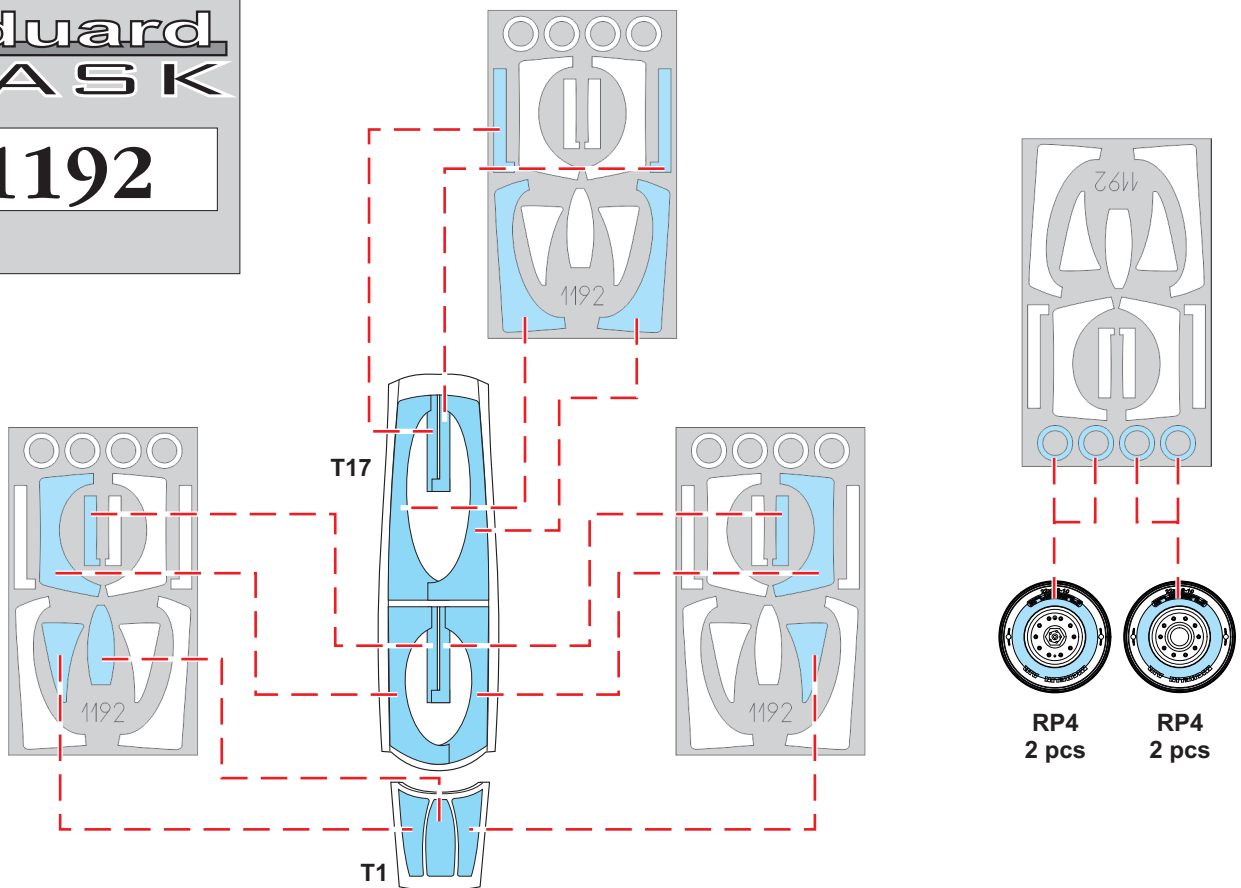


( TARPS )

MARKINGS B;C;D ONLY

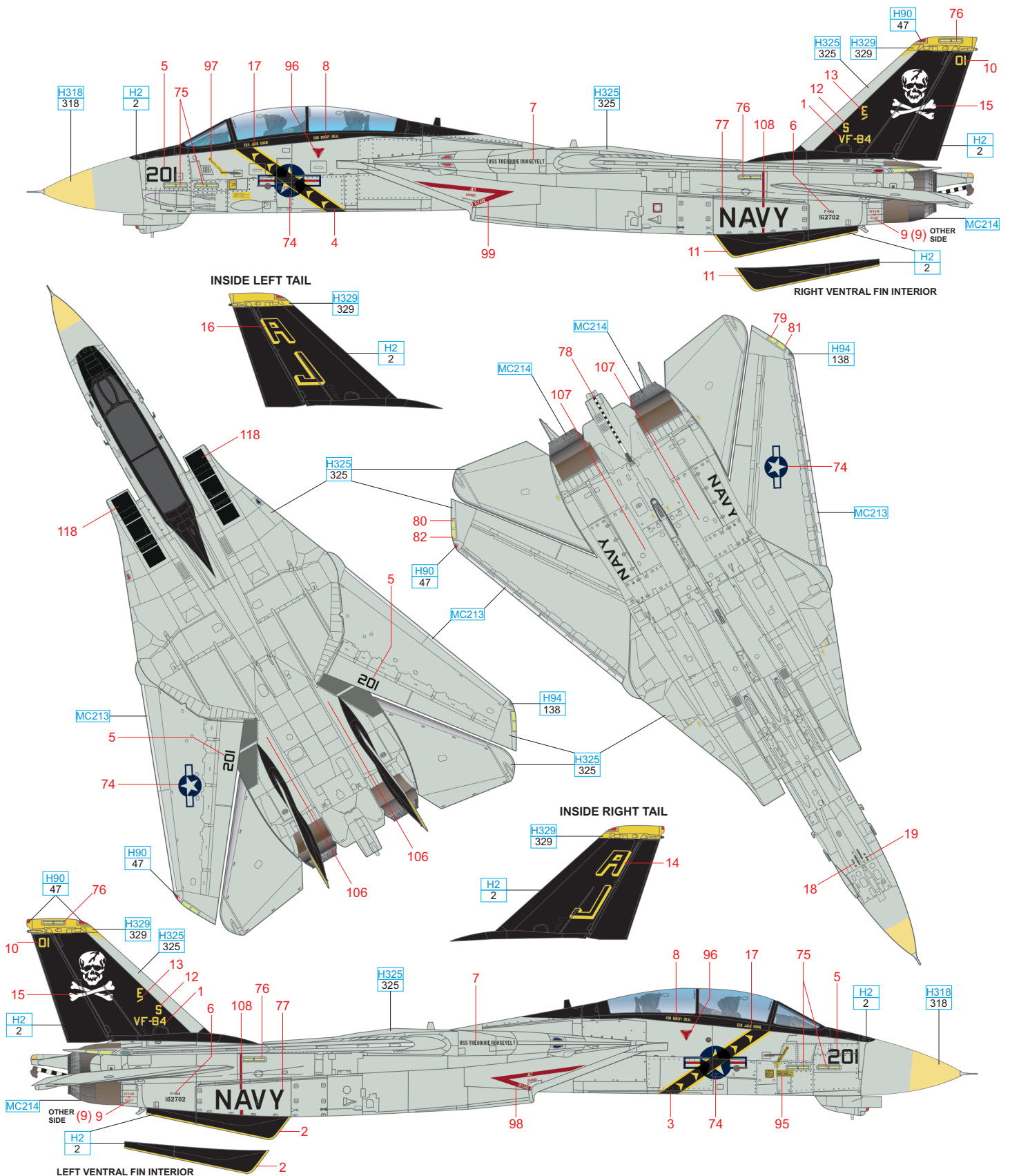


**eduard**  
**MASK**  
**1192**



# A 162702, VF-84 Jolly Rogers, USS Theodore Roosevelt, 1989

This aircraft was the personal mount of the Jolly Rogers' CO, Commander Rocklun "Rocky" Deal. VF-84 can trace it's squadron lineage back to the World War II F-4U Corsair Squadron VF-17. The forward canopy rails bear the name of VF-17 World War II pilot Ensign Jack Ernie whose last request as his plane went down in flames due to enemy fire was to, "Remember me with the Jolly Rogers." To this day, his name is carried by at least one Jolly Rogers (now VFA-103) aircraft. This Tomcat was painted overall Flat Gull Gray FS 36440 with Gloss Black 17038 tails. The forward part of nose was Radome Tan FS 33613. The black around the canopy and spine was Gloss Black although the anti-glare panel was Flat Black. By 1989 this Tomcat had been upgraded with Television Camera Set (TCS) "chin pod" under the nose for visual identification of targets at long range.



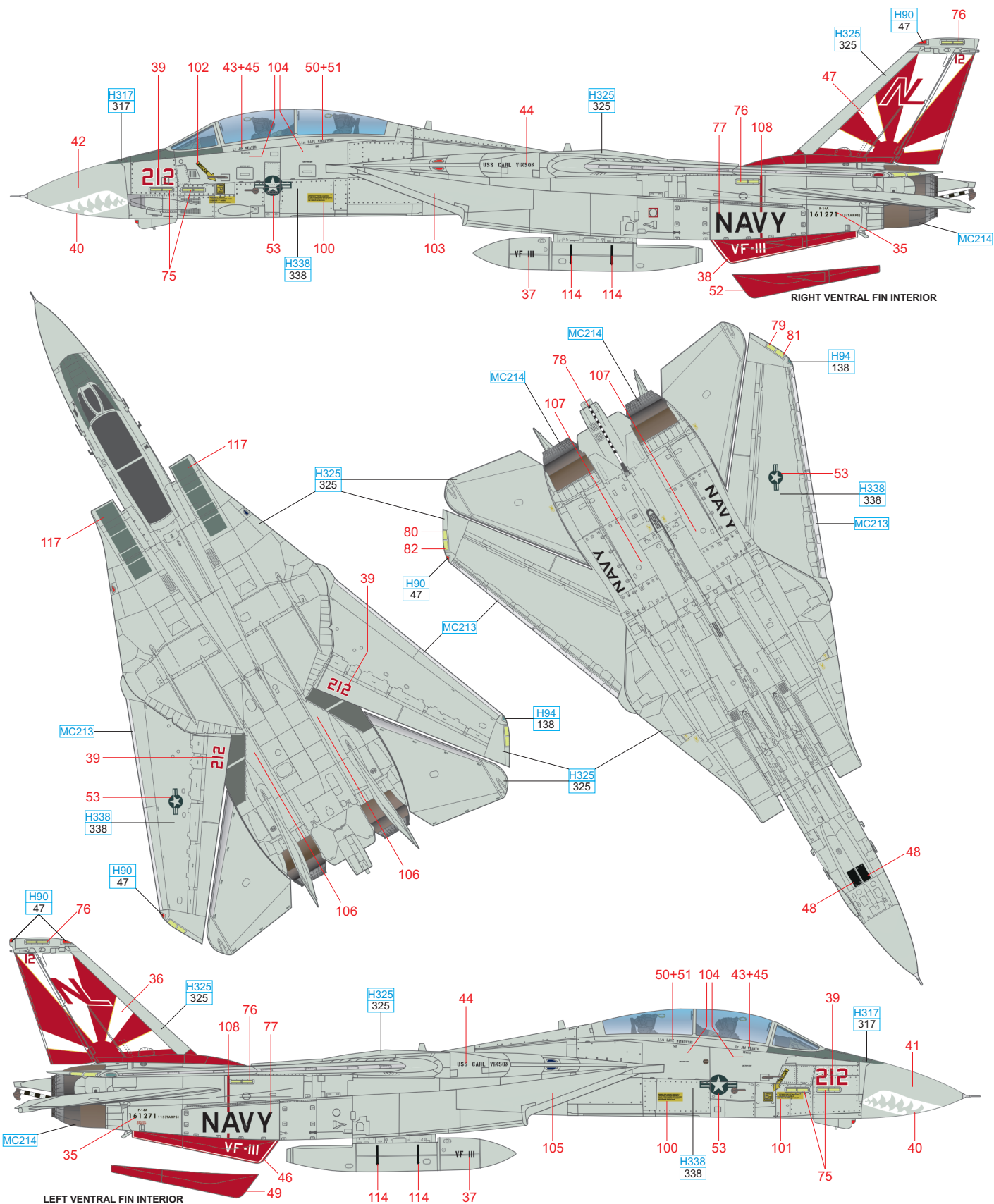
STEEL	MC213	CLEAR RED	H90 47	CLEAR GREEN	H94 138	
DARK IRON	MC214	LIGHT GULL GRAY	H325 325	YELLOW	H329 329	
			RADOME	H318 318	BLACK	H2 2



eduard

# B 161271 (TARPS), VF-111 Sundowners, USS Carl Vinson, 1982

Embarked aboard the USS Carl Vinson for her first Western Pacific deployment, this jet was one of VF-111's Tactical Airborne Reconnaissance Pod System (TARPS) capable aircraft. It would later serve with VF-2 during the first Gulf War and eventually VF-154 during Operation Iraqi Freedom. The jet was painted overall Semi-Gloss Gray FS 26440 with Dark Gull Gray FS 36231 anti-glare panel and intake walkways. Wing leading edges were unpainted aluminum. This jet recently had it's high visibility national insignia painted with over with a slightly lighter shade of Gull Gray. Small dark gray, low visibility insignia were applied in their place.



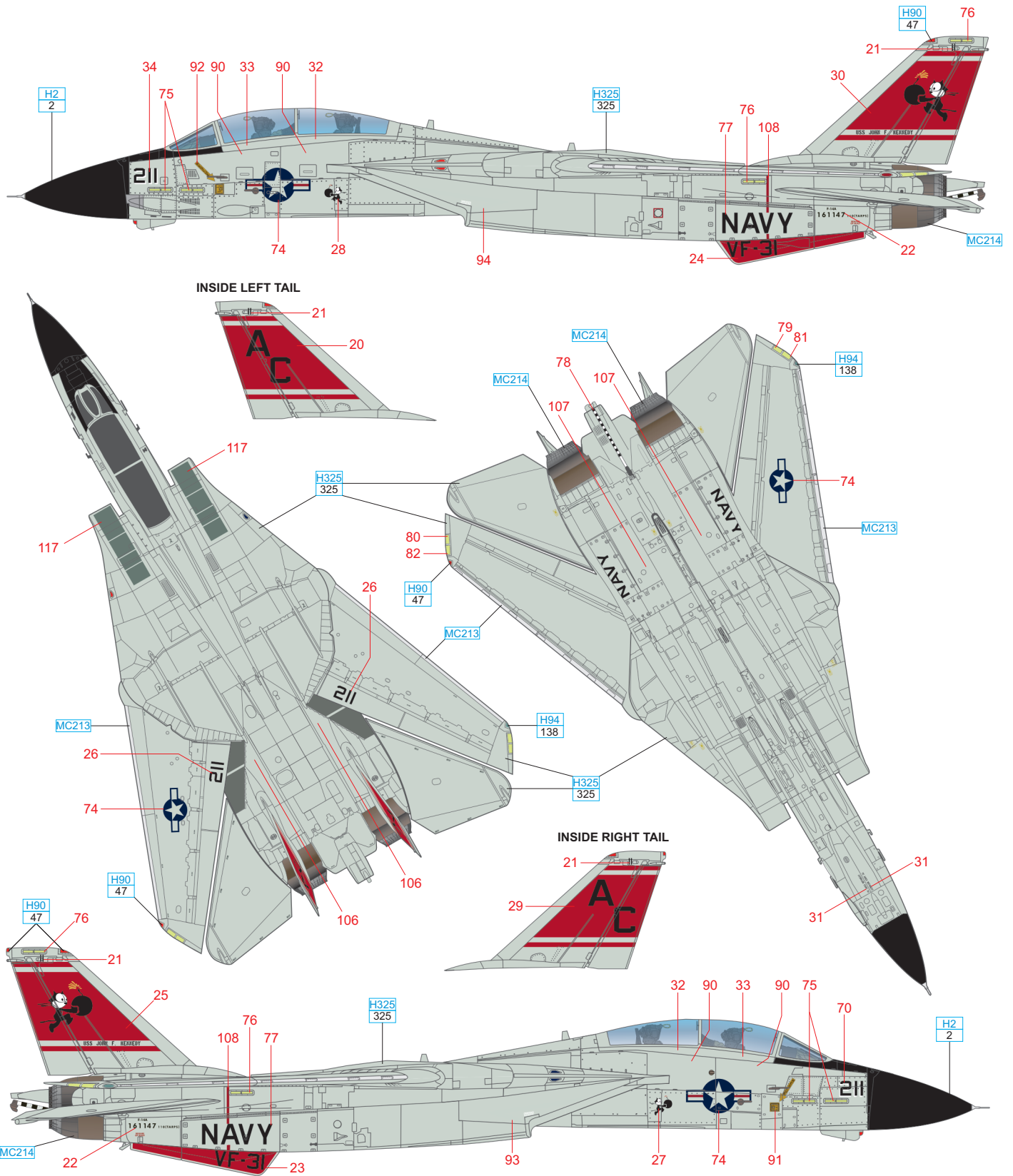
STEEL	MC213	CLEAR RED	H90 47	CLEAR GREEN	H94 138
DARK IRON	MC214	LIGHT GULL GRAY	H325 325	DARK GULL GRAY	H317 317
			YELLOW	H329 329	GRAY
				H338 338	





# C 161147 (TARPS), VF-31 Tomcatters, USS John F. Kennedy, 1984

This VF-31 F-14 is depicted as she appeared upon return from a 1983-1984 deployment aboard the USS John F. Kennedy (CV-67). As part of Carrier Air Wing Three (CVW-3), this Tactical Airborne Reconnaissance Pod System (TARPS) equipped aircraft flew numerous photo missions over Libanon in support of strike missions against Syrian missile batteries. This aircraft would be transferred to VF-102 in 1985 and then VF-41 from 1994. This jet was painted overall Flat Gull Gray FS36440 with a Gloss Black nos. Wing leading edges were unpainted aluminium.



STEEL	MC213	LIGHT GULL GRAY	H325 325	CLEAR RED	H90 47	CLEAR GREEN	H94 138	BLACK	H2 2
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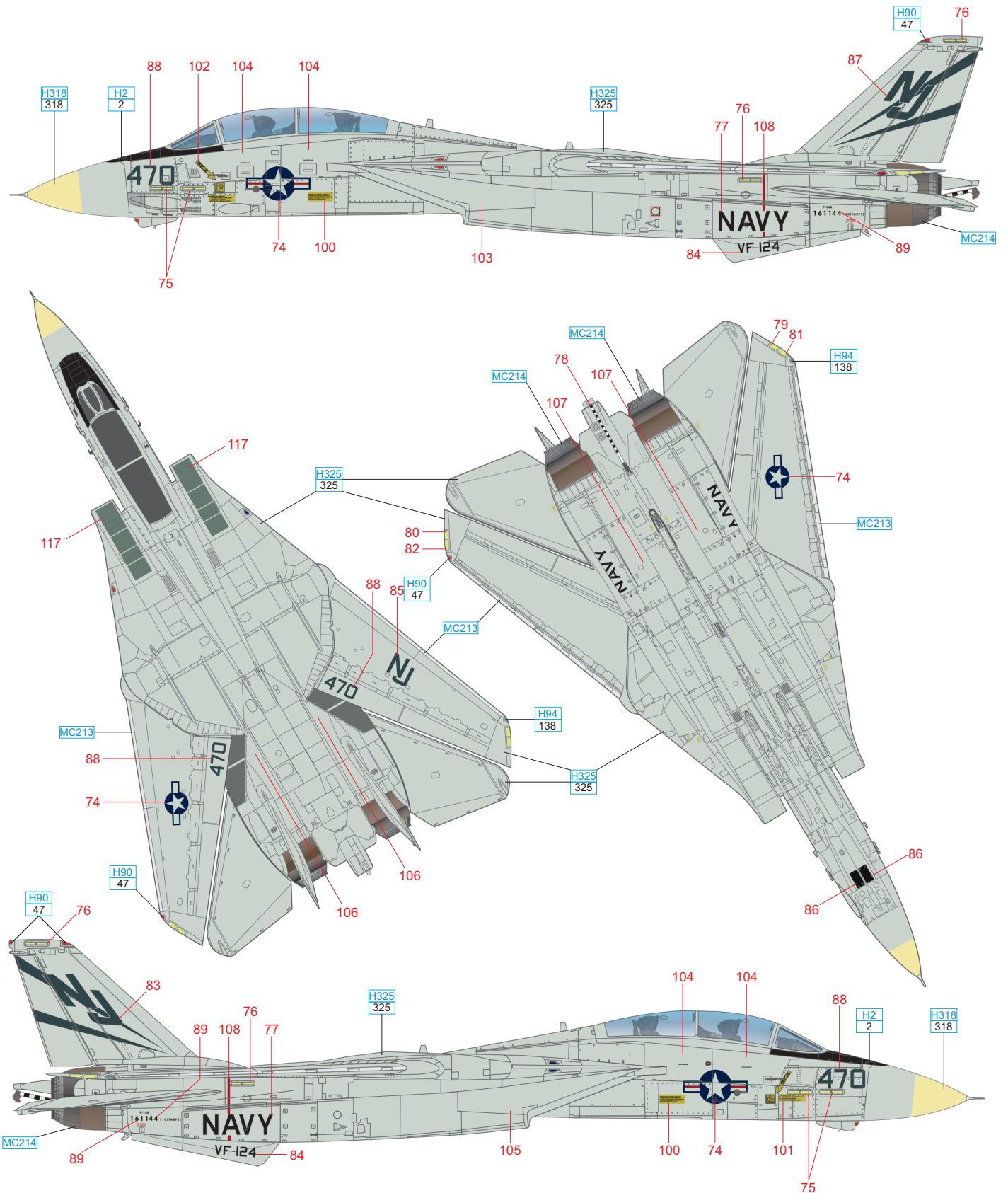


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# D 161144 (TARPS), VF-124 Gunfighters, NAS Miramar, 1983

This Tactical Airborne Reconnaissance Pod System (TARPS) capable Tomcat was delivered new to VF-124 in October 1980. VF-124 was the West Coast Fleet Replacement Squadron responsible for training new pilots to fly the Tomcat until its disestablishment in 1994. Eventually transferred to VF-111, this aircraft would be lost on 9/26/88 after experiencing an in-flight fire during a routine mission over the Arabian Sea. The aircraft was painted overall Semi-Gloss Gray FS 26440 with a flat black anti-glare panel and a Radome Tan FS 33613 nose. Wing leading edges were unpainted aluminum.



STEEL	MC213	CLEAR RED	H90 47	CLEAR GREEN	H94 138
DARK IRON	MC214	LIGHT GULL GRAY	H325 325	RADOME	H318 318
				BLACK	H2 2











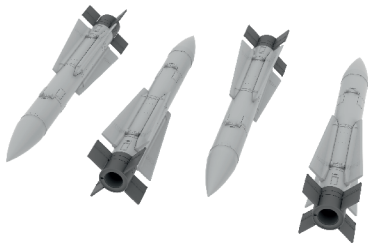
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# F-14A weapon set 1/48

Cat. No. 51664814



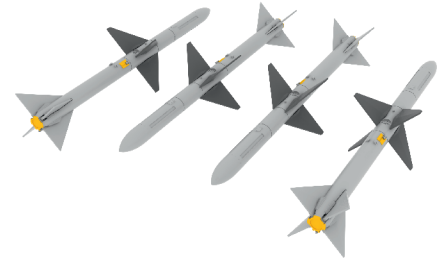
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AIM-54A Phoenix  
(64809T)



AIM-9M/L Sidewinder  
(648029)



AIM-7M Sparrow  
(648069)

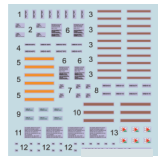
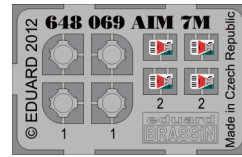
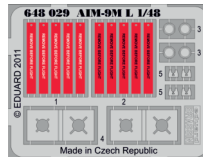
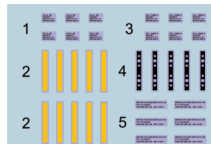
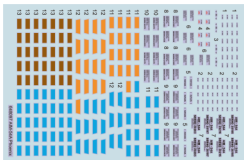


Photo-etched set

# F-14A Seatbelts FABRIC 1/48

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# F-14 Remove Before Flight SUPER FABRIC 1/48

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Photo-etched set

# F-14A upgrade set 1/48

Cat. No. 48817

