



ART BY ADAM MARCINIAK

ソビエト攻撃機 スホーイ SU-22M4R フィッター

D-12

## Sukhoi Su-22M4R' JBG 77'

**GB.** In late 50-ies and early 60-ies all designing departments dealing with jet planes were solving the problems of changeable wing geometry that should increase the manoeuvrability and the load of the planes as well as shorten the start and landing length. The Su-7IG construction was the base for individual Sukhoi plane types Su-17, Su-17M, Su-17MK, Su-17M2-D, and Su-17M-3 and Su-17M4. The export mark for 17 is Su-20 and Su-22. According to the habits in the former USSR two seat variants marked Su-17 UM-2D (Su-22 UM-2D) and Su-17UM-3 (Su-22UM-3) were produced. The Su-17 (Su-20 and Su-22) planes are marked as Su-7 "Fitter" in NATO code and individual versions are distinguished with characters. It is possible to hang 150 variants of weapons including the nuclear ones onto Su-17/22. The Sukhoi planes named Su-20/22 were delivered to the former Warsaw Treaty armies and they still are in many countries of the Third World i.e. Poland, Germany, Czech Republic, Hungary, Bulgaria, Syria, Iraq, Egypt, Libya. All Sukhoi 17/20/22 variants have bomber, fighter and reconnaissance capability. Recon version is distinguished with character R added after name. Technical data: Wingspan: 10.025/13.680m, Length: 19.020m, Height: 5.129m, Weight of airplane: empty-10.670 kg, normal 15.230kg, max 19.430 kg. Engine: AL21F3A x1 Thrust 7.800kG (11.150 kG with AB, Fixed armaments: 2 x cannons NR calibre 30 mm. Hanged armaments: rockets, bombs, containers up to total weight 4000 kg. Max speed 1350 km/h (200m) Mach 1.7 (10.000m). Max radius of operation 2.250 km (with 4x800l fuel tanks).

**D.** Am ende der fünfzigsten und am Anfang der sechzigsten Jahre haben alle mit der Projektierung der Strahlflugzeuge sich beschäftigenden Konstruktionsbüros die Problematik der veränderlichen Flügelgeometrie gelöst. Diese hat zur Aufgabe gestellt, die Wendigkeit und Tragfähigkeit der Flugzeuge zu erhöhen und nicht zuletzt die Start- und Landungslänge zu kürzen. Mit dem Su-7IG hängen einzelne Flugzeugtypen Sukhoi Su-17, Su-17M, Su-17MK, Su-17R, Su-17M-2D und Su-17M3 und Su-17M4 durch ihre Bauart zusammen. Wie es in der UdSSR zur Gewohnheit geworden, entstehen auch die als Su-17UM-2D (Su-22UM-2D) und Su-17UM-3K (Su-22UM-3K) bezeichneten zweiseitigen Übungsvarianten gegenwärtig mit dem einseitigen. In der DDR sind die Su-22 M-4 Flugzeuge von dem 1984 Jahre auch ein Ausrüstungsbestandteil der damaligen der Flugzeuge MiG-17, Lim-5. Im dem NATO Kode werden die Flugzeuge Su-17 (Su-22) ebenso wie Su-7 "Fitter". Technische Beschreibung: Motor: AL-21F2A x1 mit der Zusatzverbrennung. Spannweite: 10.025/13.600m. Länge: 19.260m, Höhe: 5.129m, Flugzeuggewicht: leeres 10.670 kg, normales 15230 kg, maximales Abfluggewicht 19.430 kg, Höchstgeschwindigkeit in 10.000 m 1.7Ma in 200 m 1.350 stundenkilom. Maximale Flugweite mit den Behältern 4x88 l 2.250 km, Die feste Flugzeugbewaffnung: 2 Kanonen NR mit dem Kaliber 30 mm.

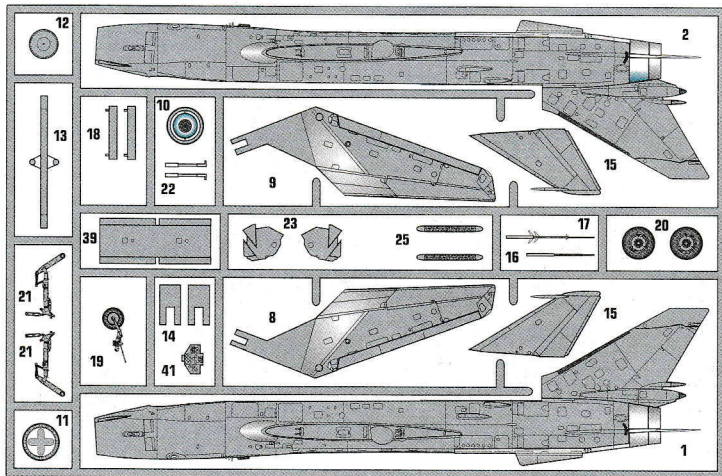
**F.** Le Su-17/20/22 a été conçu comme l'indique son sigle d'origine pour plusieurs rôles. La versatilité d'emploi de cet appareil moderne et de l'aile géométrie variable (en vol) qui permet de passer d'une envergure de 13.680 m à 10.025 m. Le modèle 2000 Su-22M-3.M4 peut être utilisé également pour l'appui tactique, l'interdiction, le bombardement tactique conventionnel et nucléaire, la contre-attaque (attaque aérienne ennemies), l'attaque des navires, la reconnaissance et l'entraînement opérationnel; pour ces spécialités d'utilisation on attribue au Su-17/20/22 une vitesse hautement supersonique et de la faculté d'opérer à basse altitude en toutes conditions atmosphériques.

Caractéristiques techniques: Envergure: 10.025/13.680m, Longueur: 19.020 m, Hauteur: 5.129m, Vitesse maximale 1.7 Ma/10.000m, Plafond 17000m, Distance franchissable 2240 km, Poids maximum au décollage: 19.430 kg, Moteur: AL-21-F-3A, Poussée: 7800kG (11.150 kG avec post-combustion).

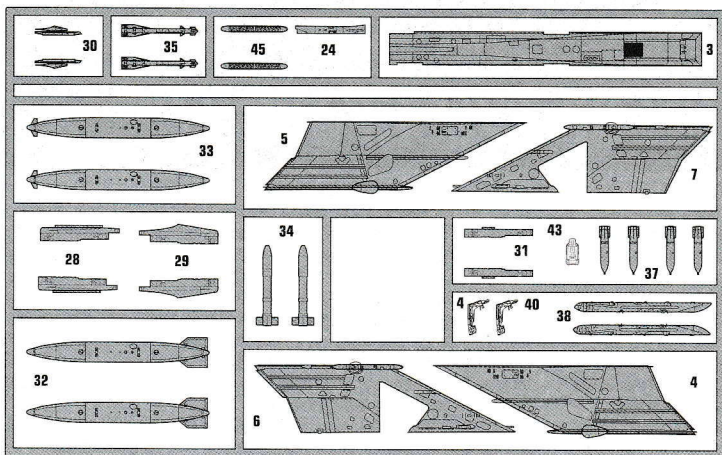
**PL.** Pod koniec lat 50-ych i na początku lat 60-ych zajmowała się rozwiązywaniem problemów związanych ze zmienną geometrią skrzydeł, które dawały większą manewrowość oraz umożliwiały krótszy start i lądowanie. Biuro konstrukcyjne P.O. Suchoja skonstruowało samolot Su-7IG o zmiennej geometrii skrzydeł, który stał się podstawą do powstania kolejnych konstrukcji Su-17, Su-17M, Su-17MK, Su-17M2D, Su-17M4 i Su-17M4. Oznaczenie eksportowe samolotów to Su-20 i Su-22. Na bazie tego samolotu produkowano także warianty dwumiejscowe Su-17UM-2D a także Su-17UM-3K. Wszystkie samoloty Su-17 są nazywane w kodzie NATO "Fitter" (montaż) a poszczególne wersje są wyróżniane poprzez dodanie litery kodu. Samoloty Su-17-22 mają możliwość podczepienia ok. 150 wariantów powieszek oraz przenoszenia uzbrojenia atomowego. Samoloty Su-20/22 były dostarczane do krajów Układu Warszawskiego a także do trzeciego świata. Samoloty te są dalej na uzbrojeniu takich państw jak Polska, Niemcy, Czechy, Słowacja, Węgry, Bułgaria, Syria, Irak, Egipt, Libia, Peru i inne. Samoloty Su-17/20/22 posiadają możliwość bombardowania, walki powietrznej, oraz rozpoznania taktycznego. Wersje mogące przenosić zasobniki rozpoznawcze są oznaczane dodatkową literą "R" dodawaną po nazwie własnej samolotu. Samoloty Su-17/20/22 zostały wyprodukowane w ilości ponad 4000 szt. i do dnia dzisiejszego w ilości pozostają 86 szt. pełnowartościowym sprzętem na uzbrojeniu Wojsk Lotniczych w Polsce. Dane Lotno-Techniczne: Długość: 19.020m, Rozpiętość: 10.025/13.680m, Wysokość: 5.129m, Masa samolotu pustego: 10.670 kg, normalna 15.230 kg, maksymalna 19.430 kg. Silnik: AL21F3A x1 o sile ciągu 7800 kG i 11.150 przy użyciu dopalacza. Stałe uzbrojenie: 2 działka NR kalibru 30mm umieszczone u nasady skrzydeł. Masa uzbrojenia podwieszanego: bomby kontenery do 4000 kg. Prędkość maksymalna: 1.7Ma (10.000m), 1350 km/h (2000m). Promień działania 2250km (z dodatkowymi zbiornikami 4x800l).



《A》



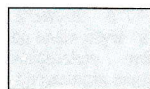
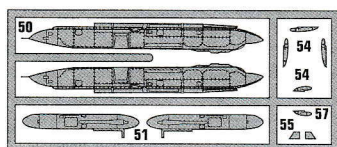
《B》



《C》



《E》



Parts not for use.  
Teile werden nicht verwendet.  
Pièces a ne pas utiliser.  
Parti non per uso.  
Partes para no usar.  
Dily nepou ijete.  
Cz ci nieu ywane

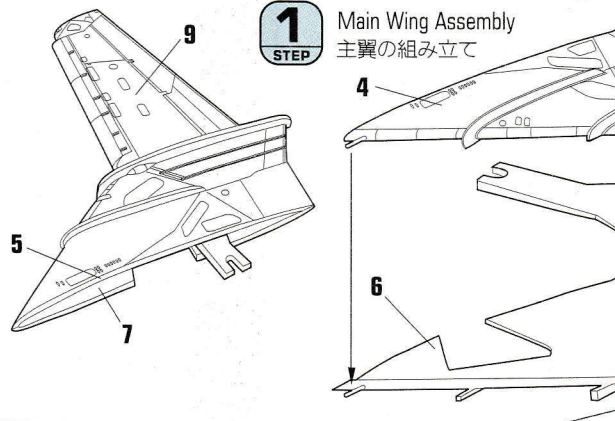
**“WARNING” FUNCTIONAL SHARP POINTS**  
**“AVERTISSEMENT” SCHARFE ECKEN UND KANTEN**  
**“AVERTISSEMENT” POINTS ESSENTIELS DE FONCTIONNEMENT**  
**“ATTENZIONE” PARTI MOLTO ACUMINATE**  
**“AVISO” PUNTOS AGUDOS EN FUNCIONAMIENTO**  
**“UWAGA” FUNKCJONALNE OSTRE CZ CI**

**MISTER**®  
Hobby kits **GRAFT**

Made for: OLYMP AIRCRAFT  
SARBINOWSKA Str.27/19,  
54-320 WROCLAW, POLAND

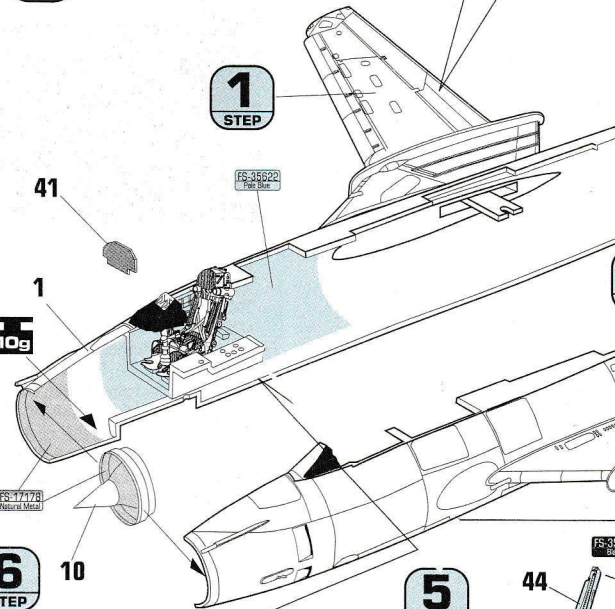
1 STEP

Main Wing Assembly  
主翼の組み立て



7 STEP

Main Wing & Horizontal Stabilizer Installation  
主翼と水平尾翼の取り付け



6 STEP

Intake Installation  
左右インテークの取り付け

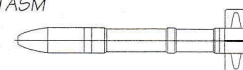
5 STEP

Cocpit Installation  
コックピットの取り付け

R-60 AAM  
Port side view  
scale 1/72nd



S-24 non-guided ASM  
Port side view  
scale 1/72nd



APPLY DECAL  
HEAR ABZIEHBILD  
APPLIQUER DECALCOMANIE  
PONER CALCOMANIA  
NAKLADANIE KALKOMANI  
NANESTE OBTISKY  
デカールをはってください。



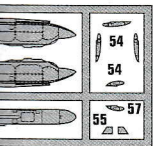
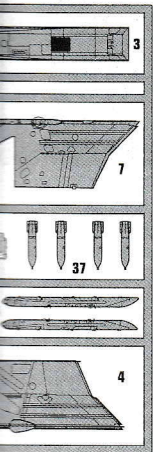
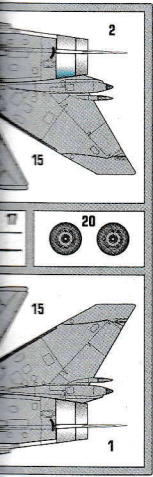
REMOVE  
ENTFERNEN  
RETIRER  
SEPARARE  
CORTAR  
USUN  
VYRIZNOUT/ZHOTOVIT NOVÉ  
切り取ってください。



OPEN HOLE  
OFFEN  
FAIRE UN TROU  
FORO APERTO  
HACER AGUJERO  
WYKONA OTWOR  
GAT BOREN  
BOORA H L  
VYVRAT OTVOR  
穴をあけてください。と

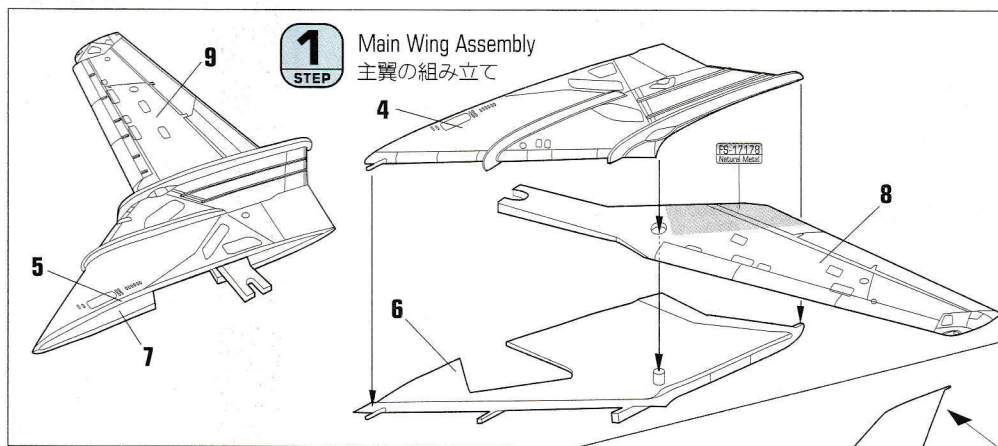




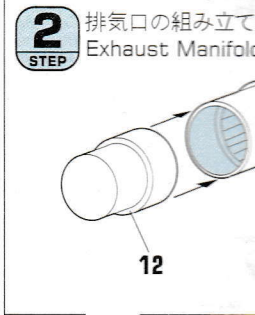


**SHARP POINTS  
KĚN UND KANTEN  
TIELS DE FONCTIONNEMENT  
TO ACUMINATE  
EN FUNCIONAMIENTO  
OSTRE CZ CI**

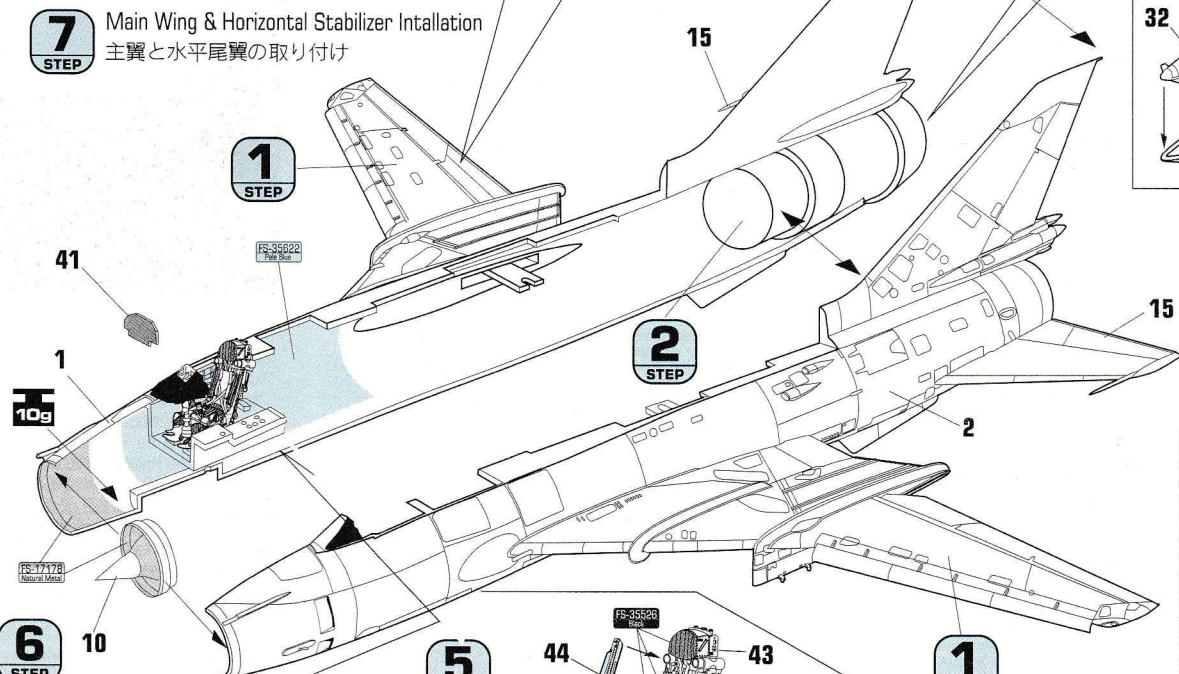
**AIRCRAFT  
Str. 27/19,  
W, POLAND**



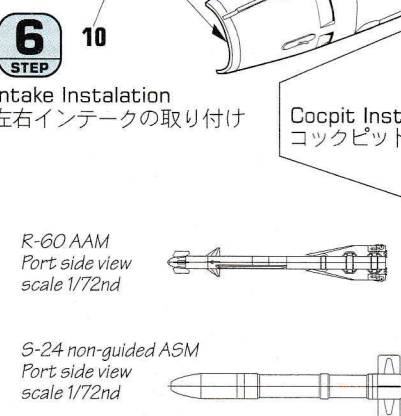
**1 STEP** Main Wing Assembly  
主翼の組み立て



**2 STEP** 排気口の組み立て  
Exhaust Manifold



**7 STEP** Main Wing & Horizontal Stabilizer Installation  
主翼と水平尾翼の取り付け

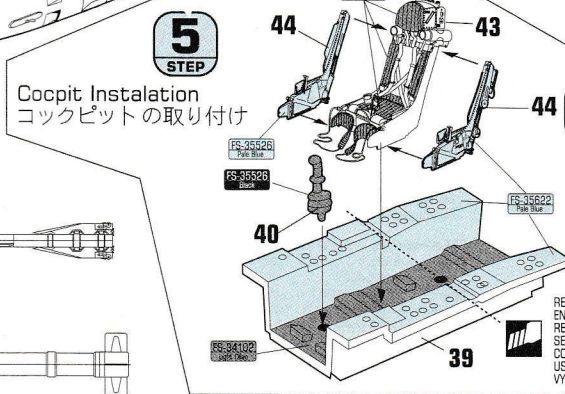
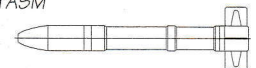


**6 STEP** Intake Installation  
左右インテークの取り付け

R-60 AAM  
Port side view  
scale 1/72nd



S-24 non-guided ASM  
Port side view  
scale 1/72nd



**5 STEP** Cockpit Installation  
コックピットの取り付け



**3 STEP** Seat Assembly  
シートの組み立て  
Seat Installation  
シートの取り付け

**4 STEP** Cockpit Assembly  
コックピットの組み立て

**★** APPLY DECAL  
HEAR ABZIEHBILD  
APPLICARE DECALCOMANIE  
APPLICARE DECALCOMANIE  
PONER CALCOMANIA  
NAKADANIE KALKOMANI  
NANEŠTE OBTISKY  
デカールをはってください。

**REMOVE**  
ENTFERNEN  
RETIRER  
SEPARARE  
CORTAR  
USUN  
VYRIZNOUT/ZHOTOVIT NOVÉ  
切り取ってください。

**OPEN HOLE**  
OFFEN  
FAIRE UN TROU  
FORD APERTO  
HACER AGUJERO  
WYKONA OTWOR  
GAT BOREN  
BOORA H L  
VYVRAT OTVOR  
穴をあけてください。どちらかを選んでください。

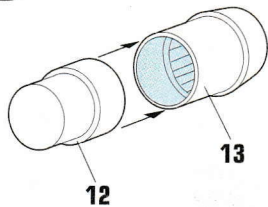
**OPTIONAL**  
WAHLWEISSE  
FACULTATIVO  
FACULTATIVO  
OPCIONAL  
WYBOR WERSJI  
MO NOST VOLBY  
TER KEUZE  
VALFRITT

**1** PAINTING SCHEME NUMBER  
LACKIERSCHEMANUMMER  
NUMEROS DE LA LISTE DE PEINTURES  
NUMERO DELLO SCHEMA DI VERNICIATURA  
**2** PINTAR ESQUEMA NUMERO  
NUMER SCHEMATU MALOWANIA  
ČÍSLO BAREVNÉHO SCHÉMA  
塗装図の番号です。

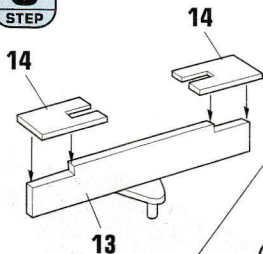
**2x** NUMBER OF WORKING  
ANZAHL DER ARBEITS  
NOMBRE DE ÉTAPES D  
NUMERO DI PASSAGI  
NUMERO DE OPERACI  
ILO TAKICH SAMYCH  
HET AANALT DER BOU  
ANTAL ARBEITSMOME  
OPAKOVANI OPERACE



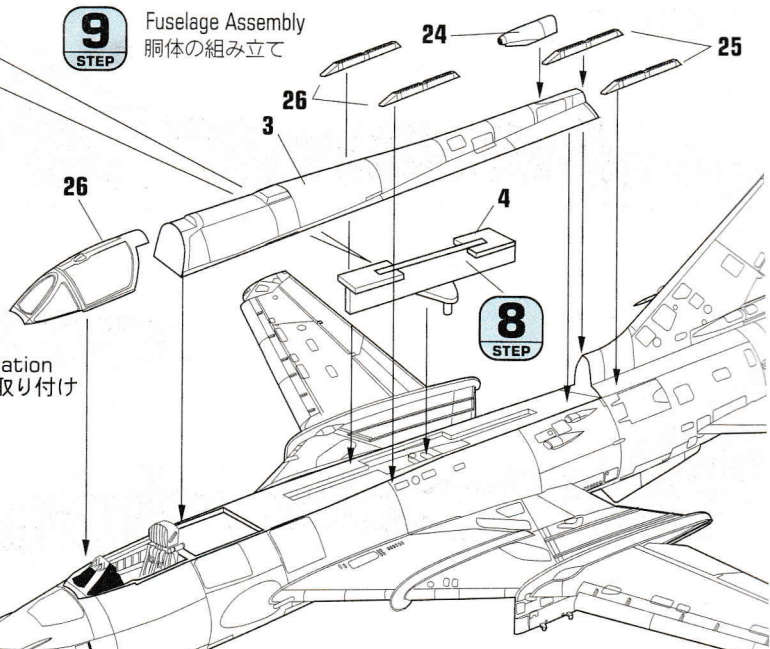
**2 STEP** 排気口の組み立て  
Exhaust Manifold Assembly



**8 STEP**



**9 STEP** Fuselage Assembly  
胴体の組み立て

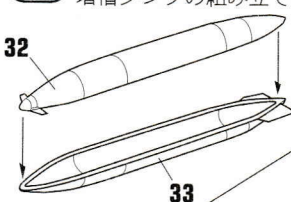


**10 STEP**

Canopy Installation  
キャノピーの取り付け



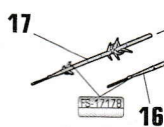
**15 STEP** Auxiliary Fuel Tank  
Assembly  
増槽タンクの組み立て



**2x** NUMBER OF WORKING STEPS  
ANZAHL DER ARBEITSGÄNGE  
NOMBRE D'ÉTAPES DE TRAVIL  
NUMERO DI PASSAGGI  
NUMERO DE OPERACIONES DE TRABAJO  
ILO TAKICH SAMYCH OPERACJI  
HET AANALT DER BOUWHANDLINGEN  
ANTAL ARBEITSMOMENT  
OPAKOVANI OPERACE

Su-22M-4  
Fighter-Bomber

**11 STEP** Nose Assembly  
機首の組み立て

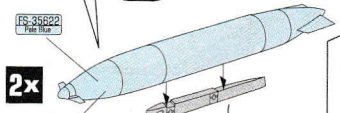


**14 STEP**

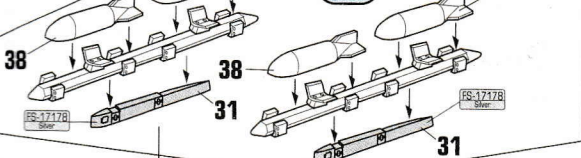
**?** OPTIONAL  
WAHLWEISSE  
FACULTATIV  
FACOLTATIVO  
OPCIONAL  
WYBOR WERSJI  
MO NOST VOLBY  
TER KEUZE  
VALFRITT  
どちらかを選んでください

Su-22M-4 Fighter-Bomber version

**16 STEP** Auxiliary Fuel Tank Installation  
増槽タンクの取り付け

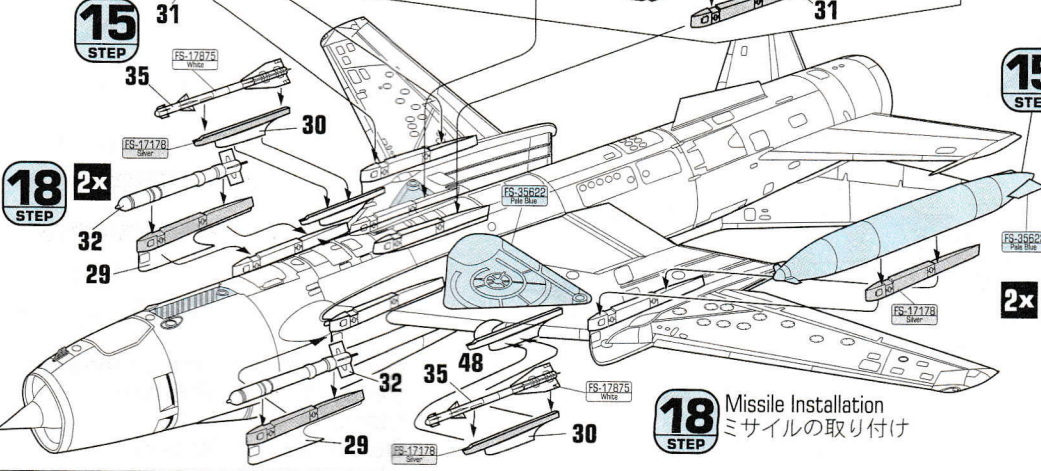


**17 STEP** Bombs Installation  
爆弾の取り付け



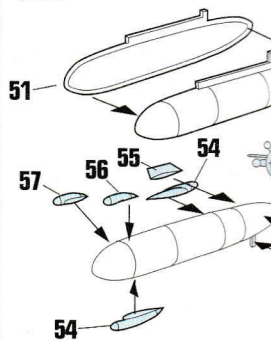
**18 STEP**

**18 STEP** Missile Installation  
ミサイルの取り付け



**16 STEP**

各部分の取り付け  
Various Parts Installation



Su-22M-4/R  
Reconnaissance version

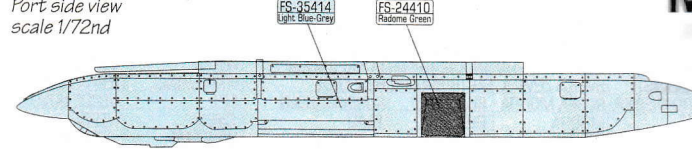
Markierungen und Bemalung  
Decoration et Peinture  
Marchio & Pittura  
Decoracion z Pintura  
Malowanie i Oznakowanie  
Označení a Kamufáž

**2x** NUMBER OF WORKING STEPS  
ANZAHL DER ARBEITSGÄNGE  
NOMBRE D'ÉTAPES DE TRAVIL  
NUMERO DI PASSAGGI  
NUMERO DE OPERACIONES DE TRABAJO  
ILO TAKICH SAMYCH OPERACJI  
HET AANALT DER BOUWHANDLINGEN  
ANTAL ARBEITSMOMENT  
OPAKOVANI OPERACE

**GLUE**  
KLEBEN  
A COLLER  
INGOLLARE  
INGOMAR  
L CZY KLEJEM  
LEPIT  
LIJMEN  
LIMMAS

**DO NOT GLUE**  
NICHT KLEBEN  
A NE PAS COLLER  
NON INGOLLARE  
NO INGOMAR  
NIE L CZY KLEJEM  
NELEPIT  
NIET LIJMEN  
LIMMAS EJ

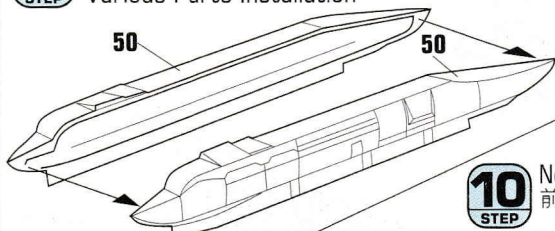
KKR reconnaissance pod  
Port side view  
scale 1/72nd



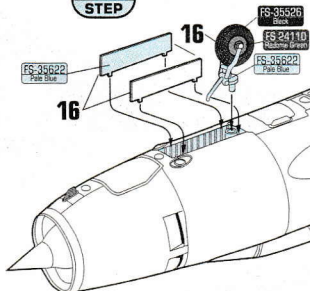
PEINTURES  
VERNICIATURA  
MAJANIA



**15 STEP** 各部件の取り付け  
Various Parts Installation

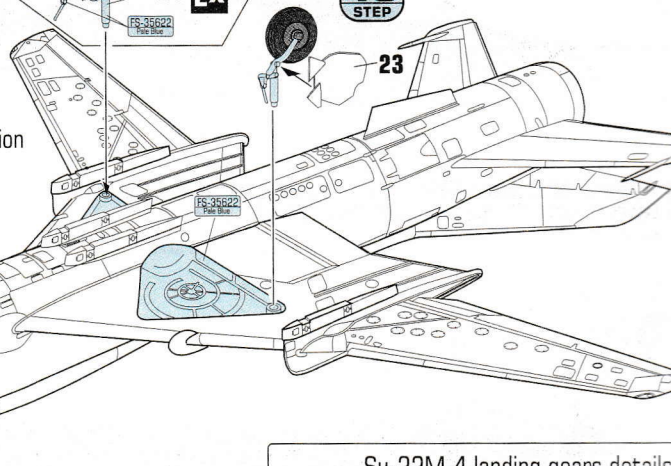


**10 STEP** Nose Gear Installation  
前脚の取り付け



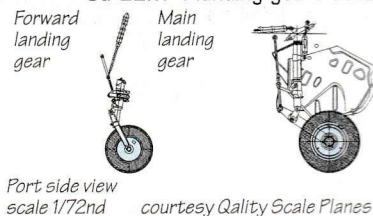
**12 STEP** Main Landing Gear Assembly  
主脚の組み立て

**13 STEP** Main Gear Installation  
主脚の取り付け



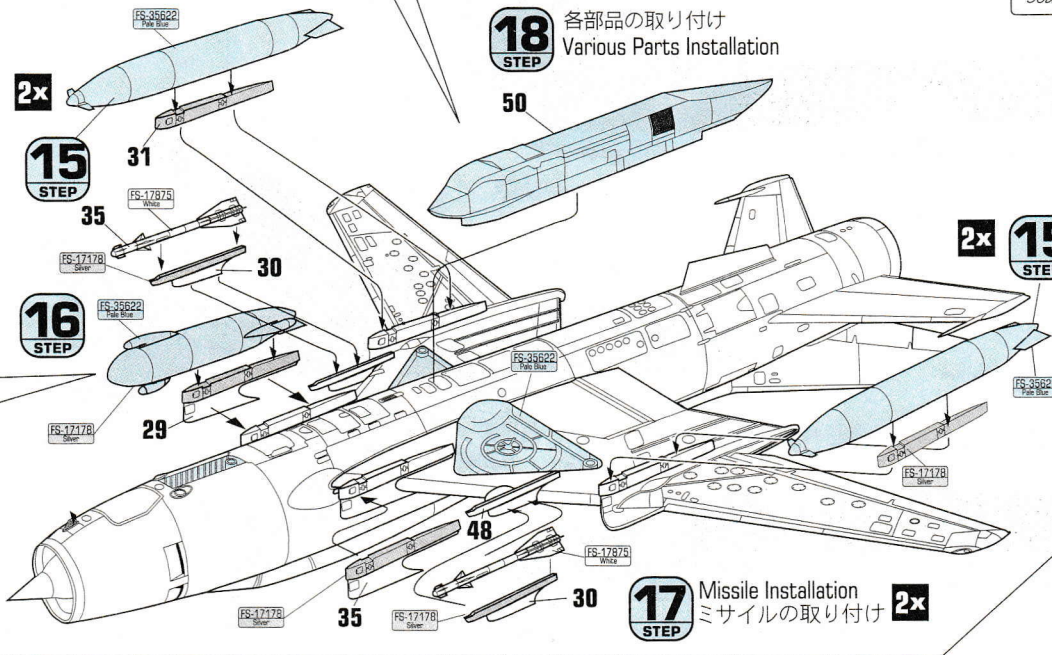
Mastergram No. 1  
From manufacturer to modellers-we are honour to introduce you our new line of Su-17/20/22 soviet jet fighters.As MIG-21s Su17-22 family was the main part of Soviet Air force(VSI) Remember we offer the biggest collection of soviet airplanes in the world.We can provide you our catalog 2002 including over 100 plastic kits on request.Price is low 1.50 EUR plus postage Mastercraft Painting and Decal schemes are not the same that you can obtain from others manufacturers.We offer you as our standard 4-5 different painting schemes. All painting schemes are based on research and genuine data provide modeller what I was expecting for many years if my personal modelling plenty interesting painting schemes and high quality of printing thin and exact lines.If you need more interesting decal on our 1/72 and 1/48 Su-22 we have good new for you Masterprint is going to realize some the new decals of anniversary and occasional paintings.We also expect to raise soon family of Yak-13, 1b Normandie-Nieman and in Luftwaffe service/Decals will include many soviet aces schemes including Baranov-S2 kills.Litvak-12 kills, Albert Utzoff-13 kills Kuznetsov-36 kills.t.c.Artist Adam Marciak is finishing his outstanding art work for Capt.S.D.Lugenskiy 43 kills while flying his Yak-1b,white 56.Next to see you at mastergram No.2. Waldemar Malczak

Su-22M-4 landing gears details



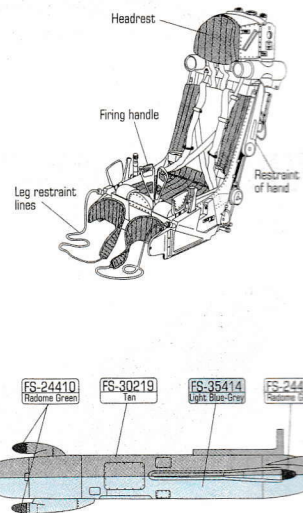
Su-22M-4 Reconnaissance version

**18 STEP** 各部件の取り付け  
Various Parts Installation

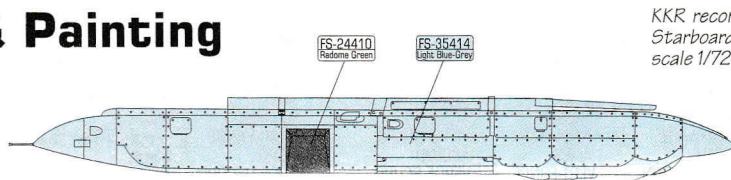


**17 STEP** Missile Installation  
ミサイルの取り付け

K-36DM Ejection Seat  
K-36DM 射出座席

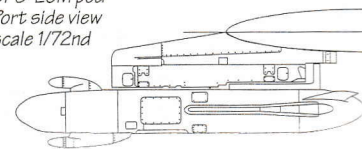


**Marking & Painting**



KKR reconnaissance pod  
Starboard side view  
scale 1/72nd

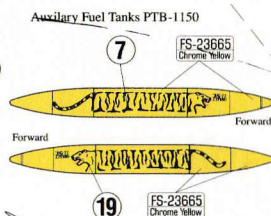
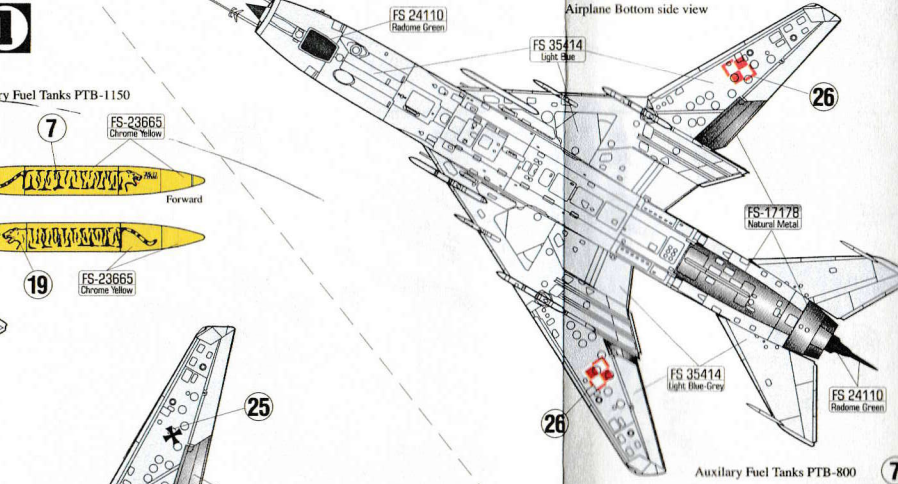
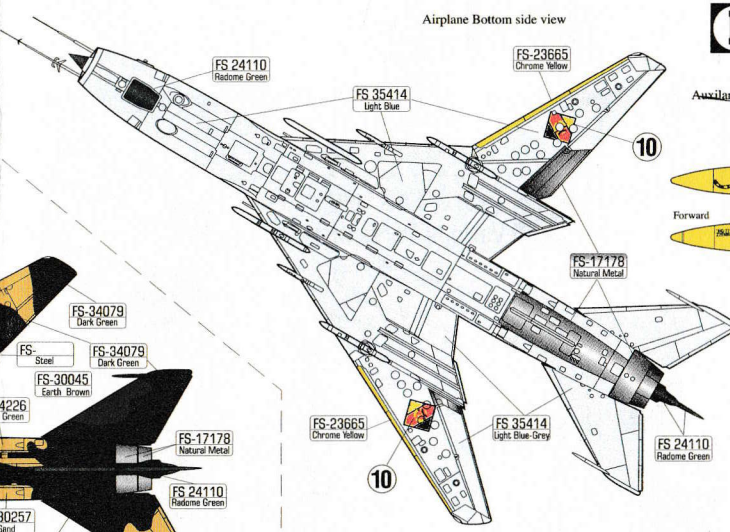
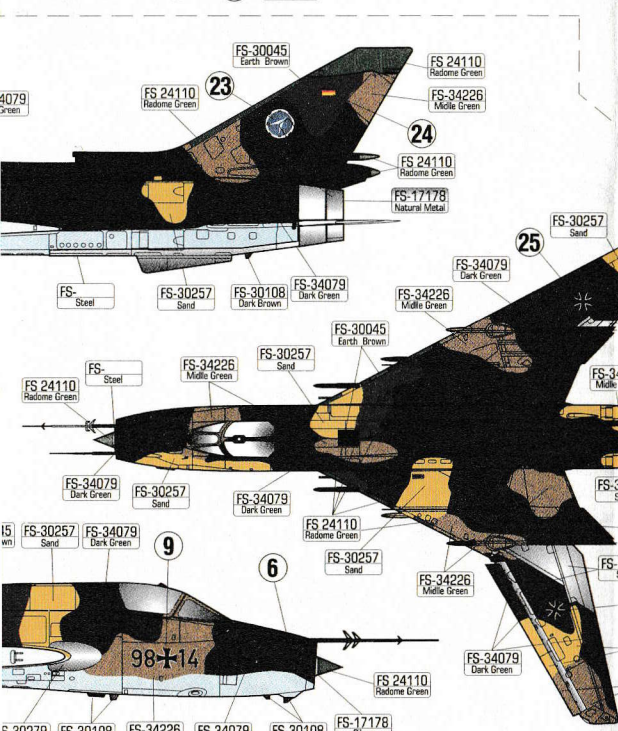
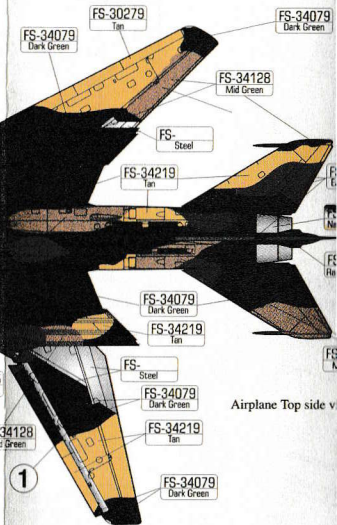
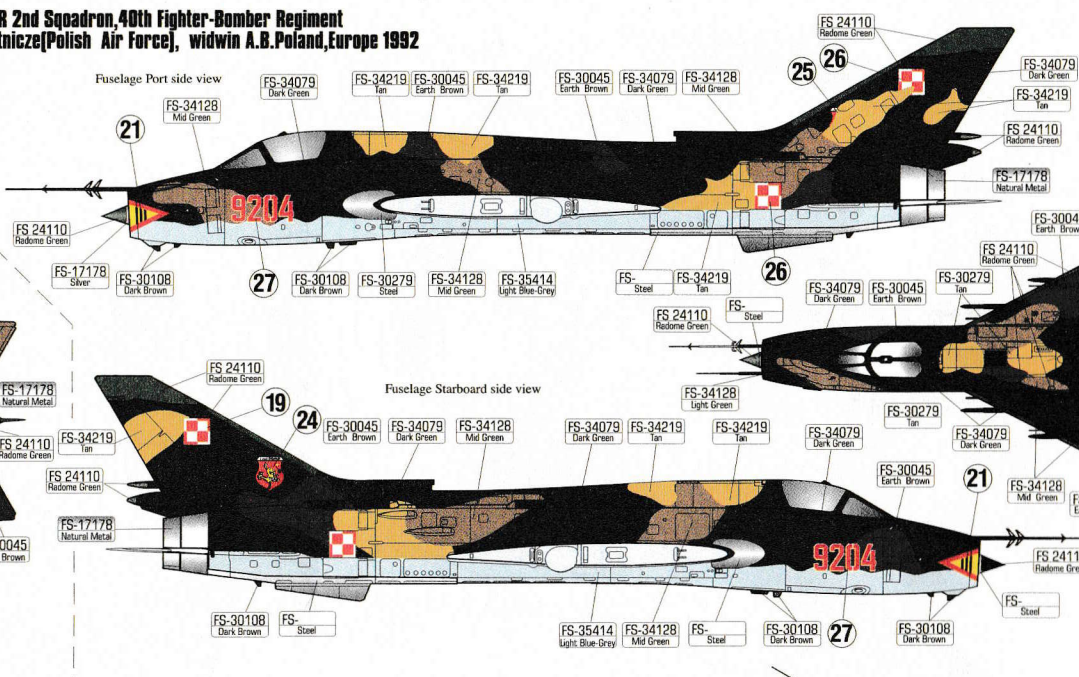
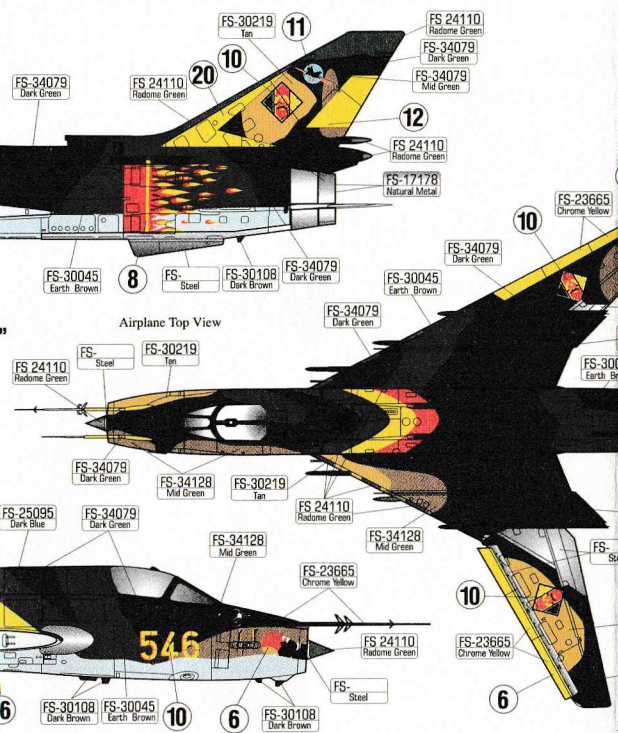
SPS ECM pod  
Port side view  
scale 1/72nd





**2** Su-22M4/R 2nd Squadron, 40th Fighter-Bomber Regiment  
 Wojska Lotnicze [Polish Air Force], widwin A.B. Poland, Europe 1992

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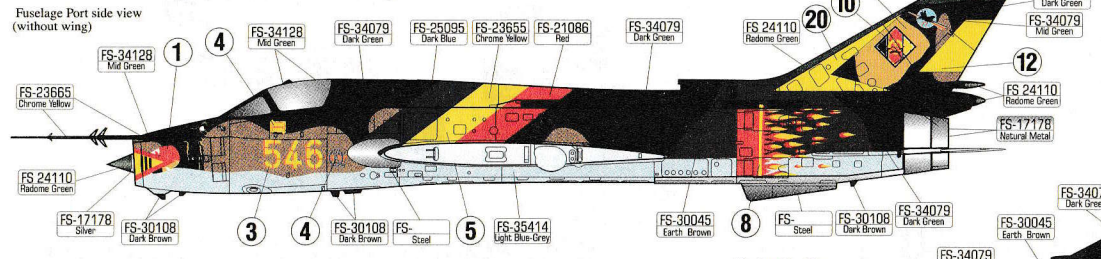


**Markierungen und Bemalung**  
**Decoration et Peinture**  
**Marchio & Pittura**  
**Decoration z Pintura**  
**Malowanie i Oznakowanie**  
**Označení a Kamuflá**



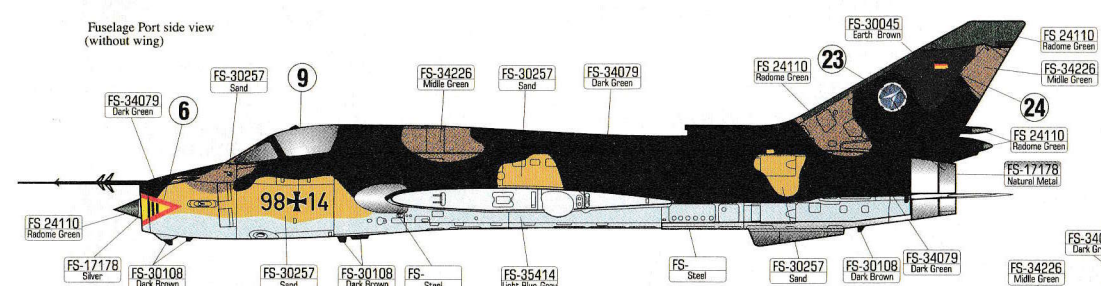
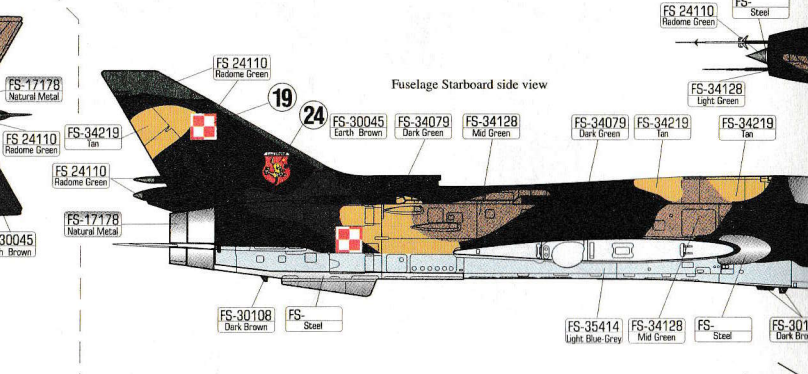
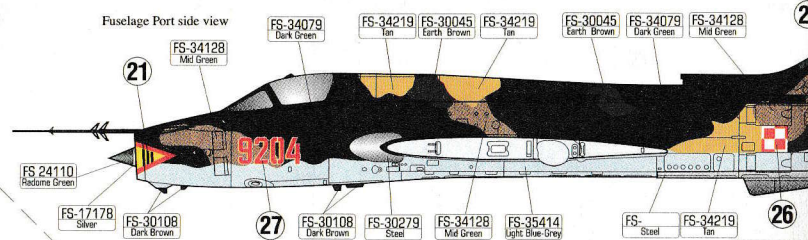
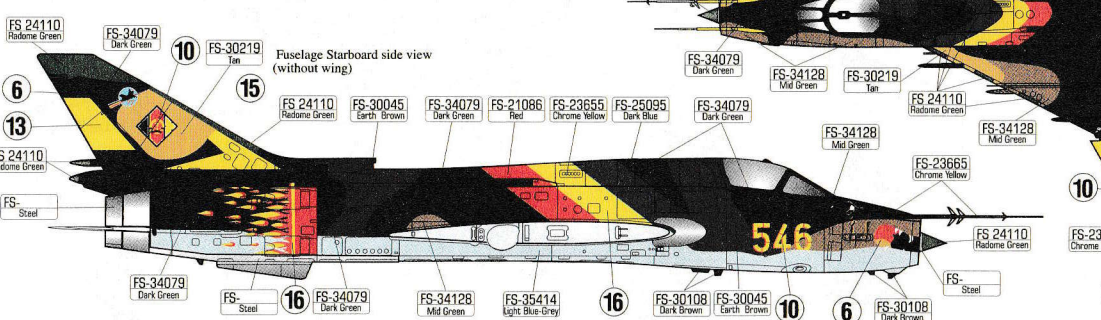
# Marking & Painting

## 2 Su-22M4/R 2nd Squadron, 40th Fighter-Bomber Regiment Wojska Lotnicze [Polish Air Force], widwin A.B. Poland, Europe 1992



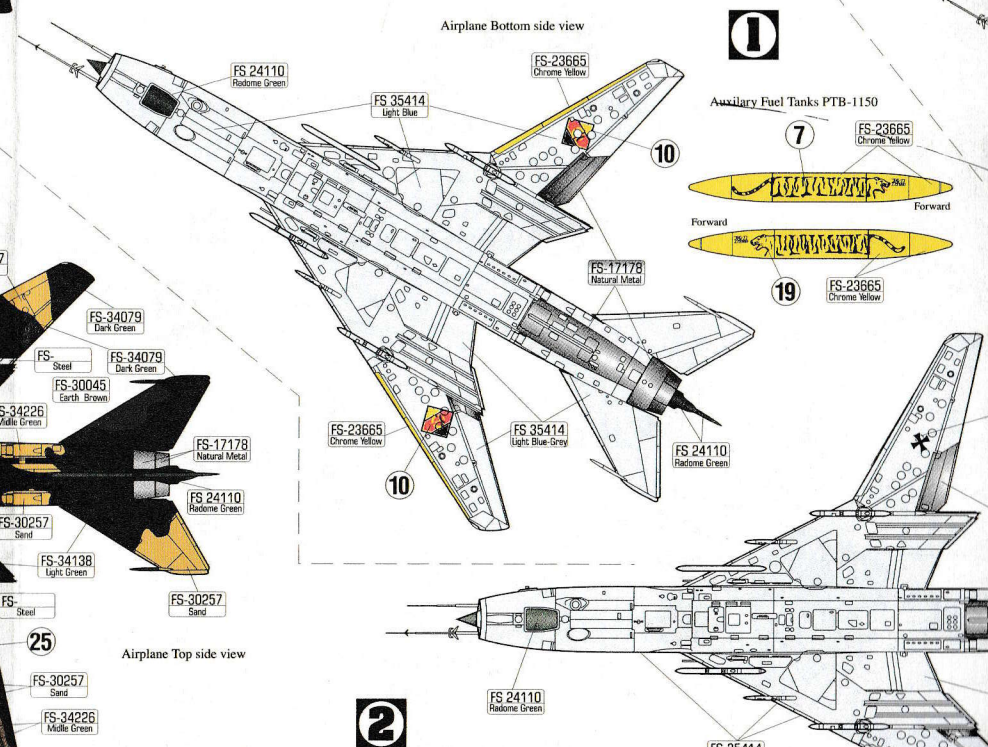
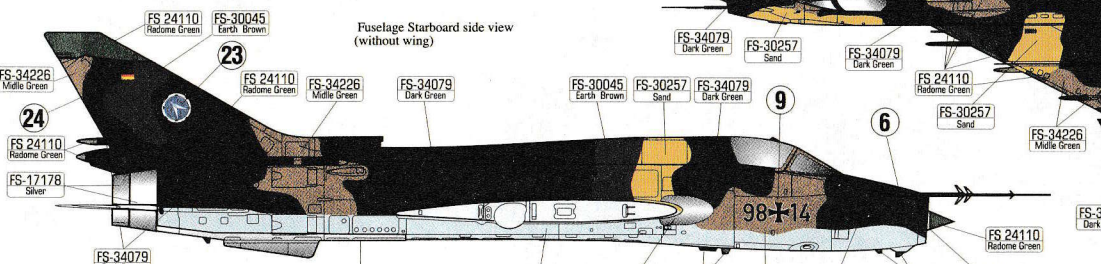
### 1 Su-22M4R JBG 77 Fighter-Bomber Regiment "Gephard Leberecht von Blücher" Luftstreitkräfte/Luftverteidigung, Laage/Mecklenburg A.B., Europe 1990

■ Airplane 546 has special paint scheme commemorated to disbandment of the LSK/LV Jagdbomberfliegereswader (JBG) on September 27th, 1990, just prior to the October 1990 reunification West and East Germany.

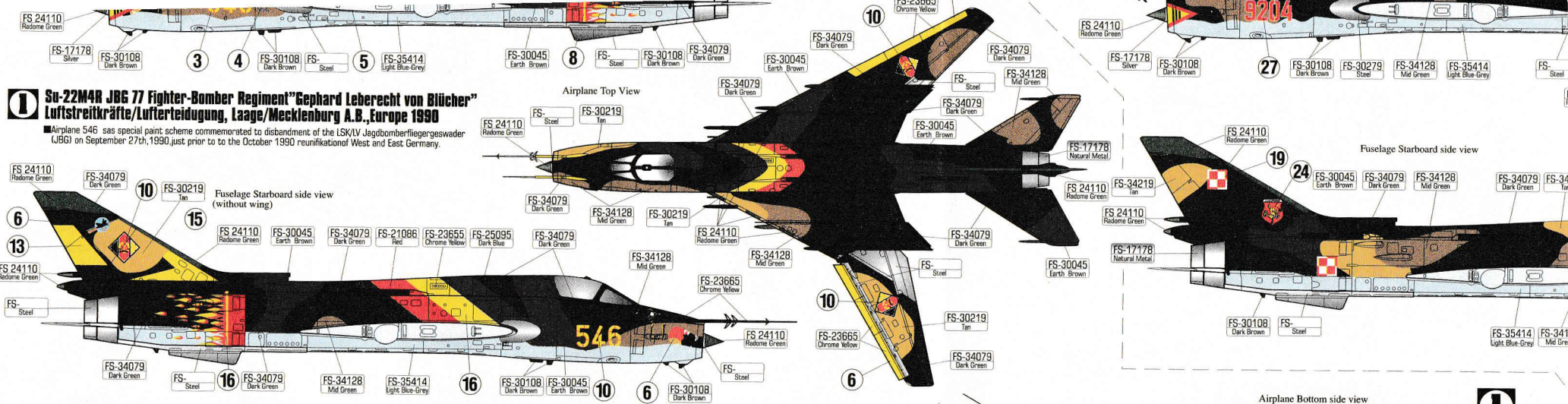


### 3 Su-22M4 Military Trials Unit WTD 61, Luftwaffe Manching A.B. Germany, Europe 1994

■ Some LSK/LV airplanes were on trials at WTD 61 after reunification West and East Germany.  
■ Luftwaffe has given at least 4 Su-22M4 to U.S.A.F. for training "Aggressor" airplanes  
■ Airplane has typical LSK/LV painting scheme including Luftwaffe markings.

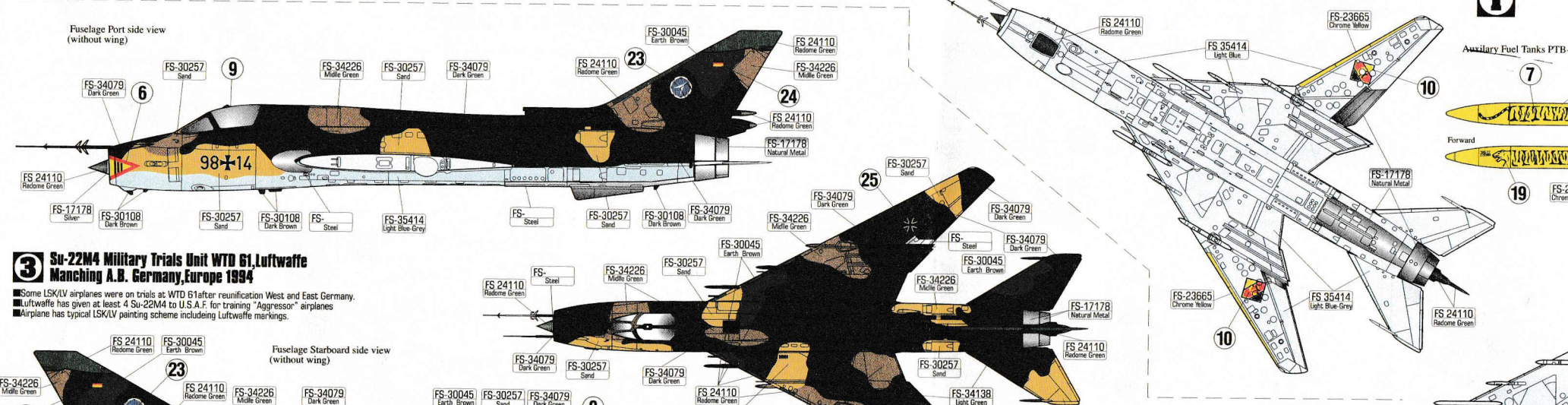






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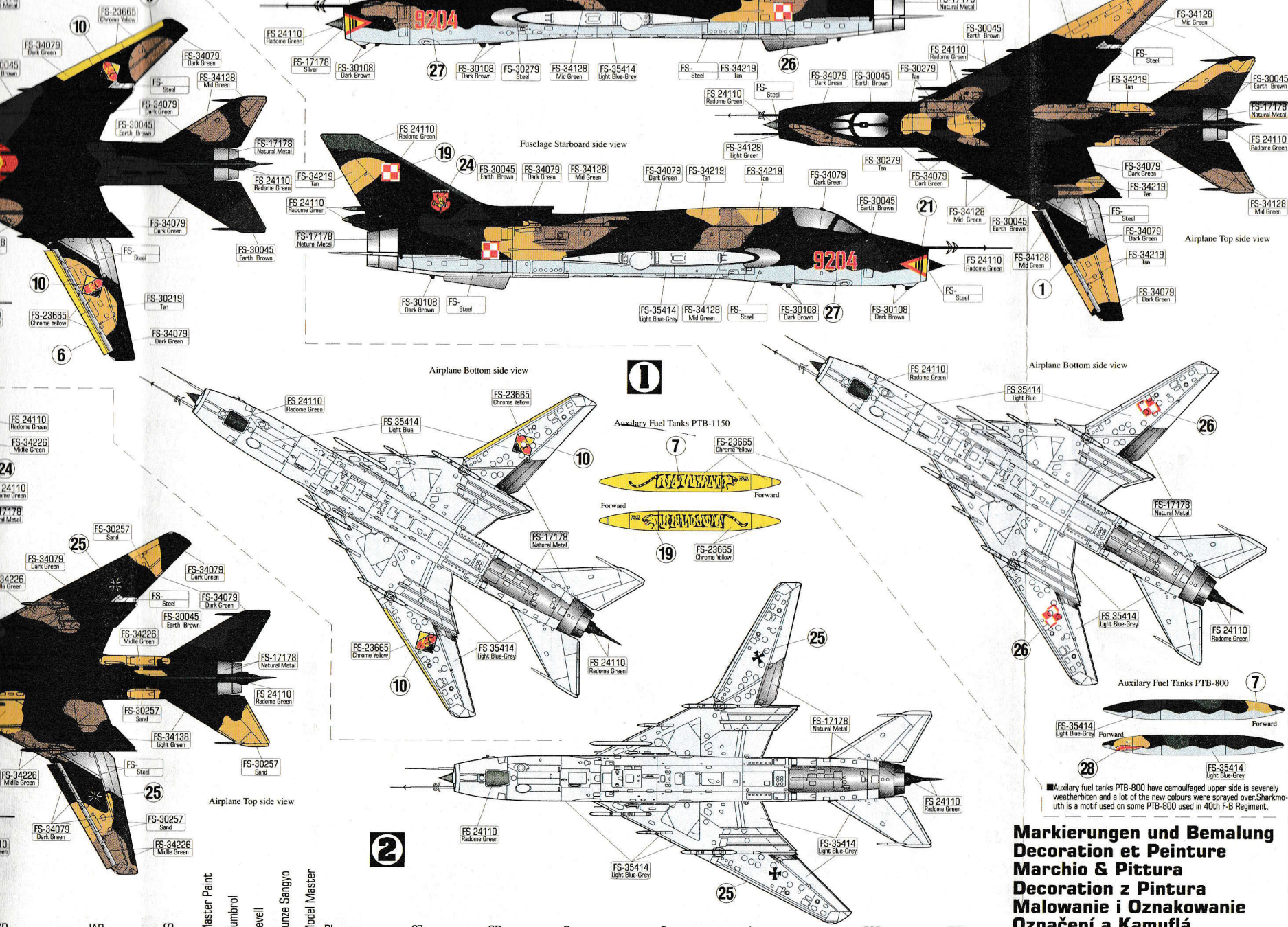


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FS	Master Paint				CZ	GB	D	F	I	ESP	JAP	ES	Master Paint				CZ	GB	D	F	
	Humbrol	Revell	Gunze Sangyo	Model Master									Humbrol	Revell	Gunze Sangyo	Model Master					
11302	153	31	H4	1503	CZERWONY	CERVENÁ	RED	ROT	ROSSO	ROJO	つや消し レッド	30219	118	382	1562	OCHRA	TRISLOVÁ	TAN	HOLZBRAUN	BRUN FONCÉ	
13655	154	12	H4	1708	TY	LUTA	YELLOW	GELB	GIALLO	AMARILLO	イエロ	30108	160			C.BR. ZOWY	CERVENOHNĚDÁ	RED BROWN	TARNBRAUN	BRUN	
11302	153	31	H4	1503	CZERWONY	CERVENÁ	RED	ROT	ROSSO	ROJO	クリアーレッド	34128	78			SREDNI ZIELONY	ZELEN, KOKPITU	MIDDLE GREEN	COCKPITGRÜN	BRUN FONCÉ	
17178	11	90	H8	2734	SREBRNY	STRIBNÁ	SILVER	SILBER	ARGENT	AMARILLO	シルバー	30045	119	310		BR. Z-ZIEMISTY	SVETLÁ ZEMITÁ	EARTH BROWN	HELL ERDE	TERRÉ FONCÉ	
37038	33	8	H12	1749	CZARNY	CERNÁ	BLACK	SCHWARZ	NERO	NEGRO MATE	つや消しブラック	35414	115			J. SZARO-NIEBIES.	RUSKÁ MODRÁ	BLUE GRAY	RUSSISCHBLAU	CIEL	
	MET	91	H18	1780	STALOWY	OCEŁ	STEEL	STAHL	ACCIAIO	ACERO	黒鉄色	15056	122			MODRA	NIEBIES.	BLUE	BLAU	CIEL	
34079	116	61		1710	C.ZIELONY	TMAVÉ ZELENÁ	DARK GREEN	DUNKELGRÜN	VERT FONCÉ	VERDE SCURO	グリーン FS-34079	35526	33	8	H12	1749	CZARNY	CERNA	BLACK	SCHWARZ	NOIR MAT
35414	23	147		1732	J.NIBIESKI	NEBESKÁ MOD.SKY	DUNKELGRÜN	HIMMEL	CIEL	CIELO	クリアーブルー	34138	78			JASNO ZIELONY	ZELEN, KOKPITU	MIDDLE GREEN	COCKPITGRÜN	VERT	
24110	2	61	H46	1524	ZIELONY	SMARAGDOVÁ	RADOME GREEN	SMAGAGDGRÜN	VERT	VERDE	グリーン FS-24110	23655	188	12	H4	1708	TY	LUTA	CHRO.YELLOW	CHROM GELB	JAUNE
30279	62	250	1710		PIASKOWY	PISKOVÁ	SAND	SAND	SABBIA	SABLE	ミドリストーン	25095	96			CIEMNO-NIEBIES.	TMAVÁ MODRÁ	DARK BLUE	DUNKEL BLAU	CIEL FONCÉ	





- Please keep to the following rules:**
- Be sure to read instructions listed below before starting.
  - Adult supervisor should also read instructions listed by children aged 12 or younger.
  - Use modelling scissors to take parts off from the spruing tray and trim any excess plastics with cutters and trim any excess plastics with cutters and trim any excess plastics with cutters.
  - Keep all materials and tools neatly. Wrong use of nippers, cutter, file etc. may hurt. The assembly adhesives, paints, batteries etc. properly after of instructions given in each handling manual.
  - Cut the parts off properly and throw the waste into dustbin at once.
  - Open window for fresh air glue or paint in in a close cup tightly on glue and paint after use hidden from sun light and away from reach of children and most of paints contain volatile solvent water to health if inhaled too much. Do not inhale solvent vapors. Do not put any adhesives and/or paints in eye if mistakenly put into, wash out promptly and consult a doctor.
  - Never use glue and paint near open fire.
  - Do not use paint or glue near fire.
  - Tear up and throw away the plastic bag contents as children may suffocate by swallow or wear.

- Vor dem zusammenbau zu lesen:**
- Bitte lesen Sie die Anleitung vor dem Zusammenbau sorgfältig durch.
  - Verwenden sie nur Kunststoffklebstoff und Klebefarbe. Die geleeerten Plastikteilen sollten weggeworfen werden, um zu verhindern, dass sie im Spielern dann erstickt.
  - Handhaben Sie die Klebstoff und Lackfarben vorsichtig mit offenen Flammen.
  - Mit klebemittel sparsam umgehen und das zusammenbauen für ausreichende ventilaion.

- Lire ceci avant d'effectuer le montage:**
- Etudier attentivement les instructions avant de commencer.
  - N'utiliser que de l'adhésif plastique et de la peinture.
  - Déchirer et jeter les sacs en plastiques vides, car ils peuvent être dangereux d'adhésif ou du vernis près d'une flamme.
  - Utiliser le ciment avec modération et bien ventiler pendant le montage.

- Antes del ensamblaje, lee cuidadosamente las instrucciones:**
- Antes del ensamblaje, estudie cuidadosamente las instrucciones.
  - Emplee solamente cemento plástico y pinturas.
  - Rompa y tire las bolsas de plástico a fin de evitar que los niños o pequeños puedan sofocarse jugando con ellas.
  - Usare l'adesivo moderatamente e ventilare bene la stanza durante la costruzione.

- Leggere questo prima del montaggio:**
- Studiar attentamente le istruzioni prima di cominciare.
  - Usare solo adesivo e vernici per plastica.
  - Strappare e gettare le buste di plastica vuote, il pericolo di soffocamento per bambini piccoli.
  - Non usare mai l'adesivo o la vernice vicino a una fiamma.
  - Utilize suficiente adhesivo y ventile bien la habitación durante la construcción.

- Dozr uj následující záady:**
- Lepidlo a barvy pouívejte mím dosah otevřeného ohně.
  - S lepidlem a barvami pracujte v dobře větraném místnosti.
  - Ujistěte se, že lepidlo a barvy jsou po skončení práce uzavřeny. Uchovávejte je mimo dosah malých dětí.
  - Na přímém slunečním světle lepidlo a včetsina se rozpuštěná, která jsou při vdechnutí nadměrně škodlivá.
  - Pouívejte k oddělení částí z rámečku modelářské lepidlo.
  - Při práci udržujte pořádek.
  - Při práci udržujte pořádek.

**Markierungen und Bemalung  
 Decoration et Peinture  
 Marchio & Pittura  
 Malowanie i Oznakowanie  
 Označení a Kamufliá**

IP	JAP	ES	Master Paint	Humbrol	Revell	Gunze Sangyo	Model Master	PL	CZ	GB	D	F	I	ESP	ESP
ROJO	つや消し レッド	30219		118	382	1562	OCHRA	TRISLOVÁ	TAN	HOLZBRAUN	BRUN FONCE	NOCCIOLA	TOSTADO	ライトブラウン(タン)	
MARILLO	イエロ	30108		160			C.BR. ZOWY	CERVENOHNEDÁ	RED BROWN	TARNBRAUN	BRUN	MARRONE		レッドブラウン	
ROJO	クリアーレッド	34128		78			SREDNI ZIELONY	ZELEN, KOKPITU	MIDDLE GREEN	COCKPITGRÜN	VERT	VERDE	VERDE	グリーン FS-30219	
MARILLO	シルバー	30045		119	310		BR. Z-ZIEMISTY	RUSKÁ ZEMITÁ	EARTH BROWN	HELL ERDE	TERRÉ FONCÉ	TERRA SCURO	TIERRA OSCURO	ダークアース	
NEGRO MATE	つや消しブラック	35414		115			J.SZARÓ-NIEBIESTY	SVETLÁ MODRÁ	BLUE GRAY	HELLISCHBLAU	CIEL	VERDE UOVO DIANITRA	CIELO	ブルー FS-35414	
NERO	黒鉄色	15056		122			NIEBIES.	MODRÁ	BLUE	BLAU	CIEL	VERDE	CIELO	ブルー FS-35056	
VERDE OSCURO	グリーン FS-34079	35526		33	8	H12	1749	CZARNY	CERNÁ	BLACK	SCHWARZ	NERO OPACO	NEGRO MATE	タイヤブラック	
VERDE	クリアーブルー	34138		78			JASNO ZIELONY	ZELEN KOKPITU	MIDDLE GREEN	COCKPITGRÜN	VERT	VERDE	VERDE	グリーン FS-34138	
VERDE	グリーン FS-24110	23655		188	12	H4	1708	TY	LUTA	CHRO. YELLOW	CHROM GELB	GIALLO	AMARILLO	クロームイエロ	
	ミッドストーン	25095		96			CIEMNO-NIEBIES.	TMAVÁ MODRÁ	DARK BLUE	DUNKEL BLAU	CIEL FONCÉ	VERDE SCURO	CIELO OSCURO	ブルー	

■ Auxiliary fuel tanks PTB-800 have camouflaged upper side is severely weathered and a lot of the new colours were sprayed over. Sharkmouth is a motif used on some PTB-800 used in 40th F-8 Regiment.

Stamp of the shop selling Mastercraft kits  
 Pieczętka sklepu sprzedającego modele Mastercraft



