

ACADEMY**HOBBY MODEL KITS**

SUKHOI SU-27 FLANKER B RUSSIAN KNIGHTS

1/48TH SCALE

When the SU-27 performed its "Cobra", maneuver at the 1989 Paris Air Show, the western world suddenly learned that the SU-27 design was very probably the finest fighter plane in the world. To see this very large airplane fly at an attack angle of 120 degrees without crashing, shocked every observer. Since then the routine has been performed as a demonstration feature at most air shows.

From 1977, when the prototype T-10 was spotted by satellite, until 1988, few hard facts and little information were available. It was thought that this twin-engined fighter plane had strong design resemblances to parts of the F-14, F-15 and F-18.

Between October 1986 and December 1988 a specially modified prototype T-10, known as the P-42 was used to establish 27 performance records which were submitted to the FIA for certification. All the records previously established by the F-15 Strike Eagle were wiped out by the P-42. When this information was published, it became general knowledge that this was an aircraft to be considered most seriously.

Some analyst think that the Russian avionics and weapons systems are not quite equal to the western competition, but in terms of speed, range and maneuverability, the SU-27 is superior to any aircraft in the western inventory. Probably until such time that the Lockheed F-22 is operational, the SU-27 must be regarded as the best fighter in the world.

Much of the SU-27's performance must be credited to its superb AL-31F engines which are rated at 12,500Kg(27,550lb) thrust in after-burner stage. The engines which are easy to maintain and interchangeable between left and right, have a tremendous tolerance to severely disturbed air flow. It is this feature that allows the engines to run smoothly while the Flanker performs these unusual maneuvers. Unlike earlier short-lived Soviet jet engines, the AL-31F engines have a life of 3,000 hours based on 100 hour engine checks and 1,000 hour overhauls. This is fully comparable to the best the west can offer.

The SU-27's aerobatic team, Russkiye Vityzi(means Russian Knights), made their first public display during an exchange visit at RAF Leuchars in Scotland on september 1991. The scheme includes the patriotic red, white, and blue colors of russian flag overall paint job. The SU-27's qualities as an air superiority fighter proved to make the aircraft perfect for aerobatic displays.

2167

Cement Parts
Coller
Kleben
Pegar
Incollare
Cola
Kleven



DO NOT cement
Ne pas coller
Nicht kleben
No pegar
Non incollare
Nao colar
Niet kleven



Cut away
Couper
Scheiden
Cortar
Tagliare
Cortar
Snijden

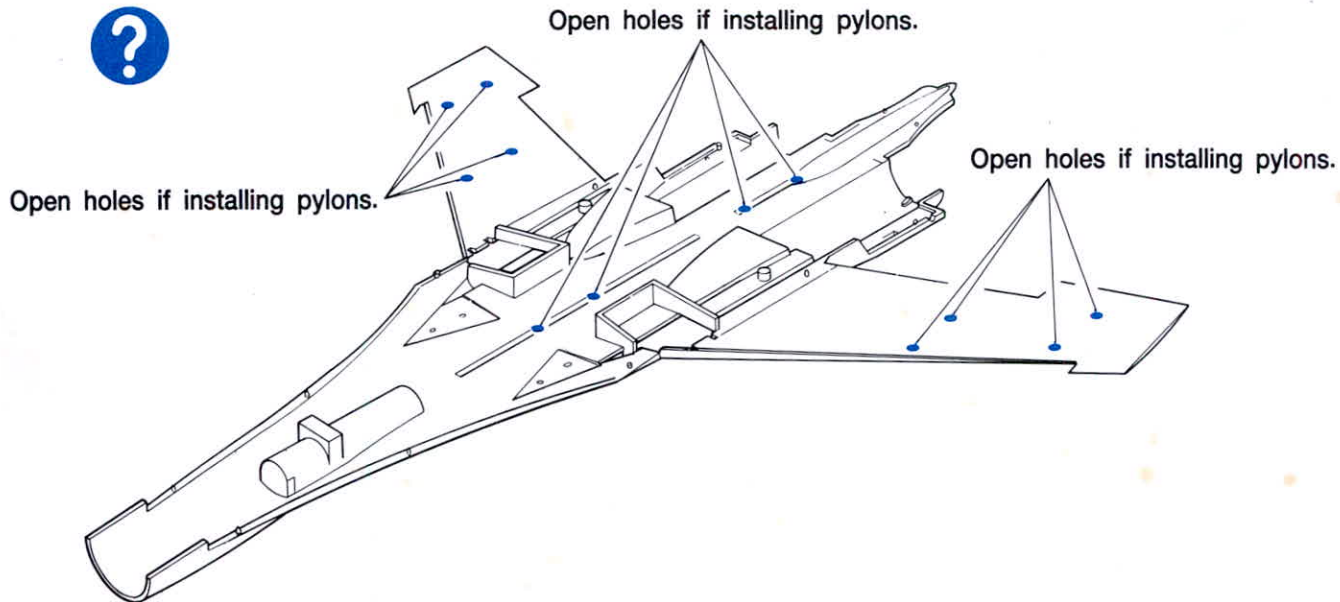


Optional parts
Choix
Auswahlmöglichkeit
Eleccion
Scelta
Opcao
Keuze

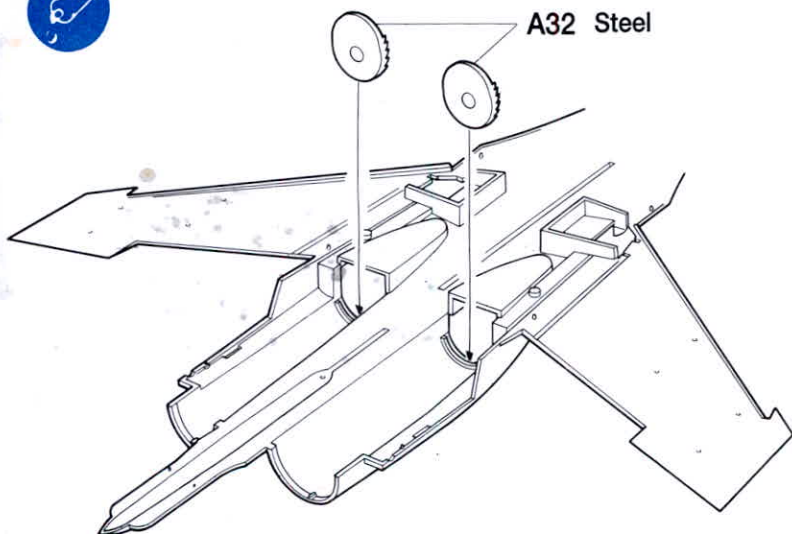
**3**

Repeat operation
Répéter l'opération
Vorgang wiederholen
Repitir la operacion
Ripetere
Repitir a operacão
Herhalen

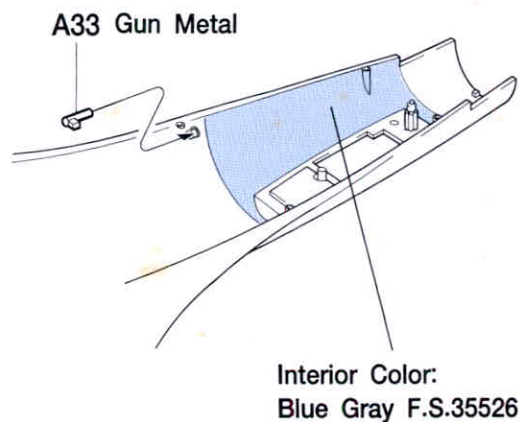
1 LOWER FUSELAGE HALF PREPARATION



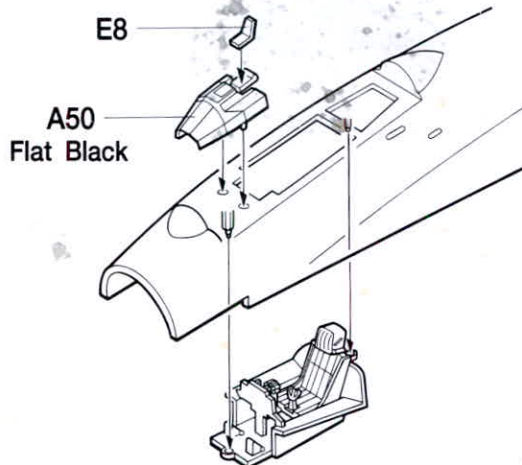
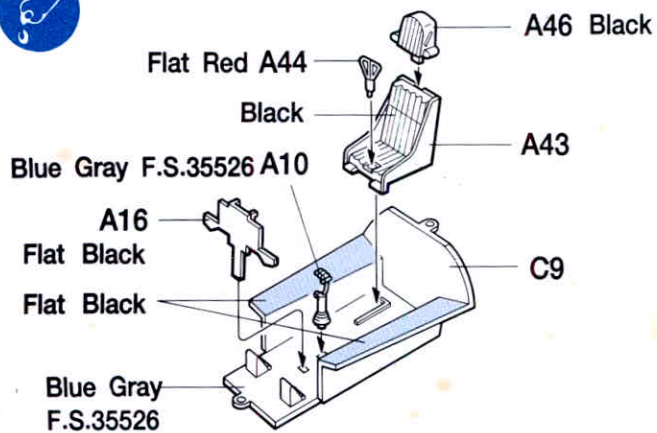
2 FAN BLADE INSTALLATION



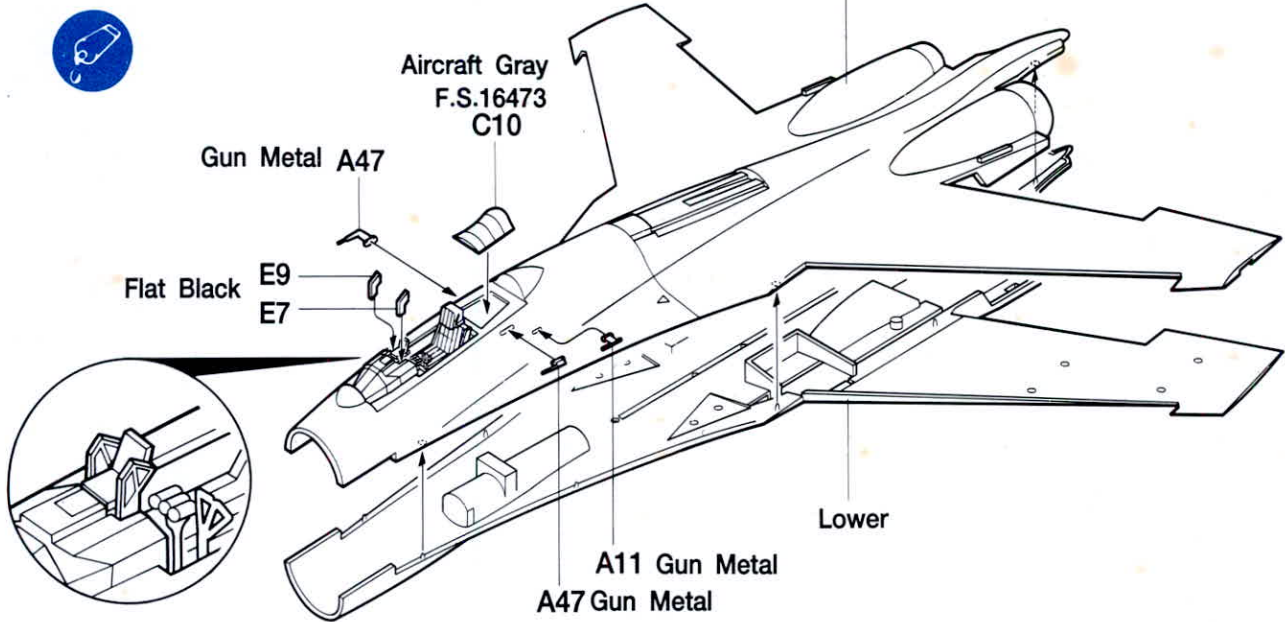
3 UPPER FUSELAGE HALF PREPARATION



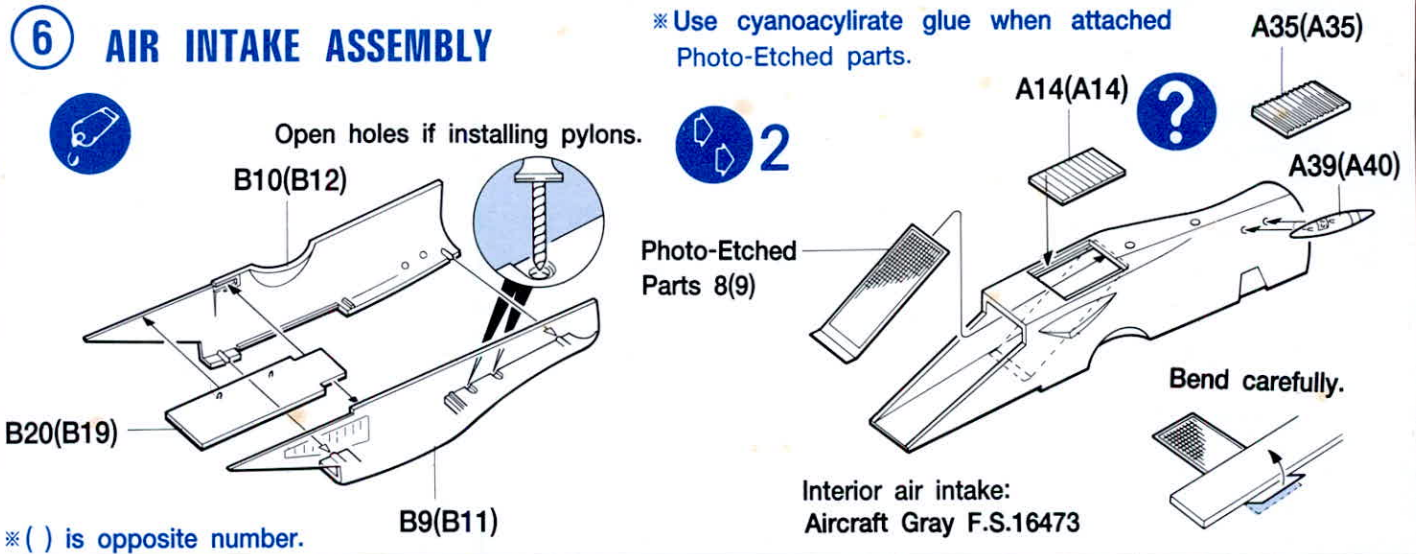
4 COCKPIT ASSEMBLY



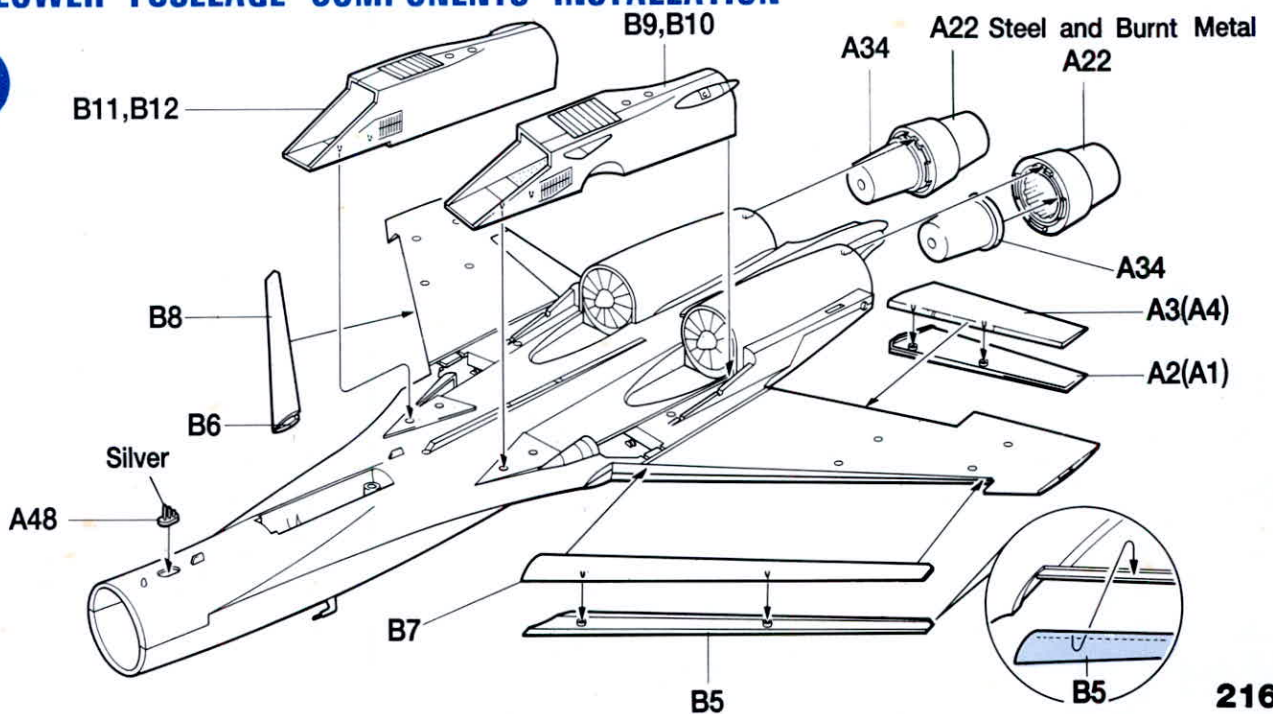
5 FUSELAGE HALVES ASSEMBLY



6 AIR INTAKE ASSEMBLY

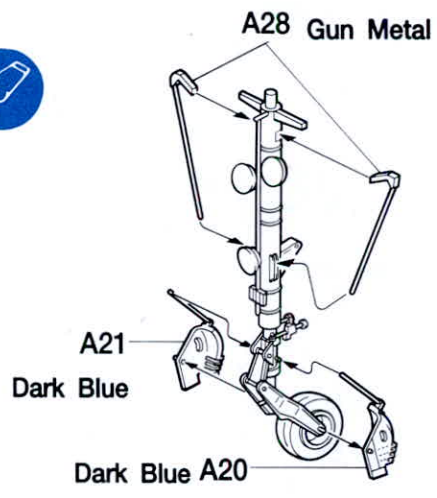
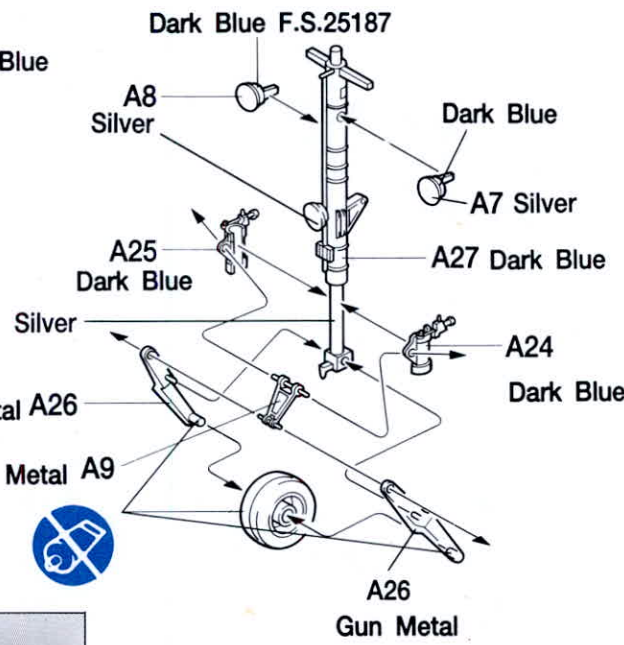
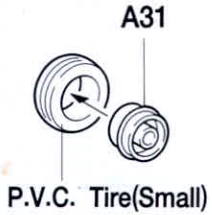


7 LOWER FUSELAGE COMPONENTS INSTALLATION

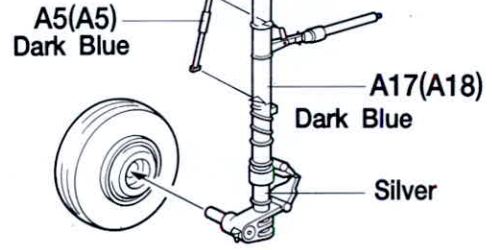
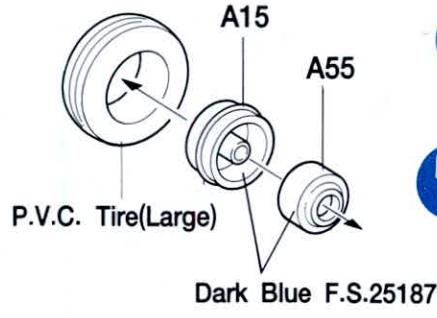
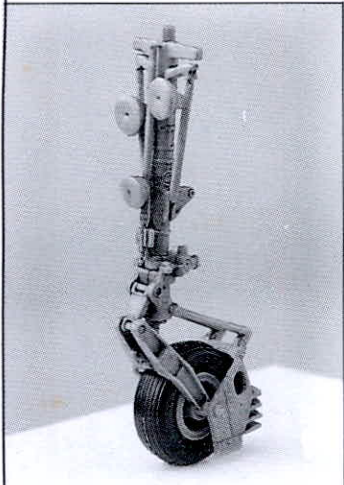
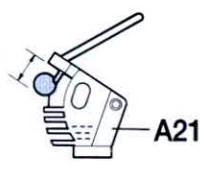


8 LANDING GEAR ASSEMBLY

Wheel hubs: Dark Blue

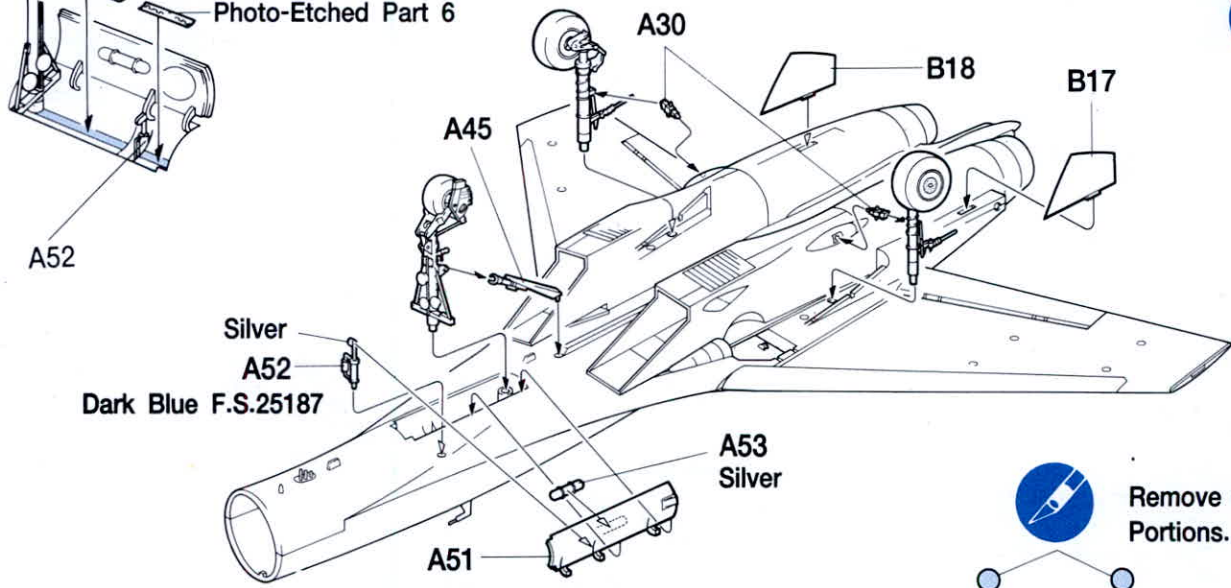
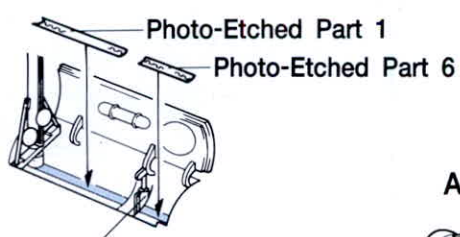


Remove the useless portions.

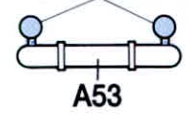


9 LANDING GEAR, DOOR AND FIN INSTALLATION

Interior landing gear wells:
Aircraft Gray F.S.16473

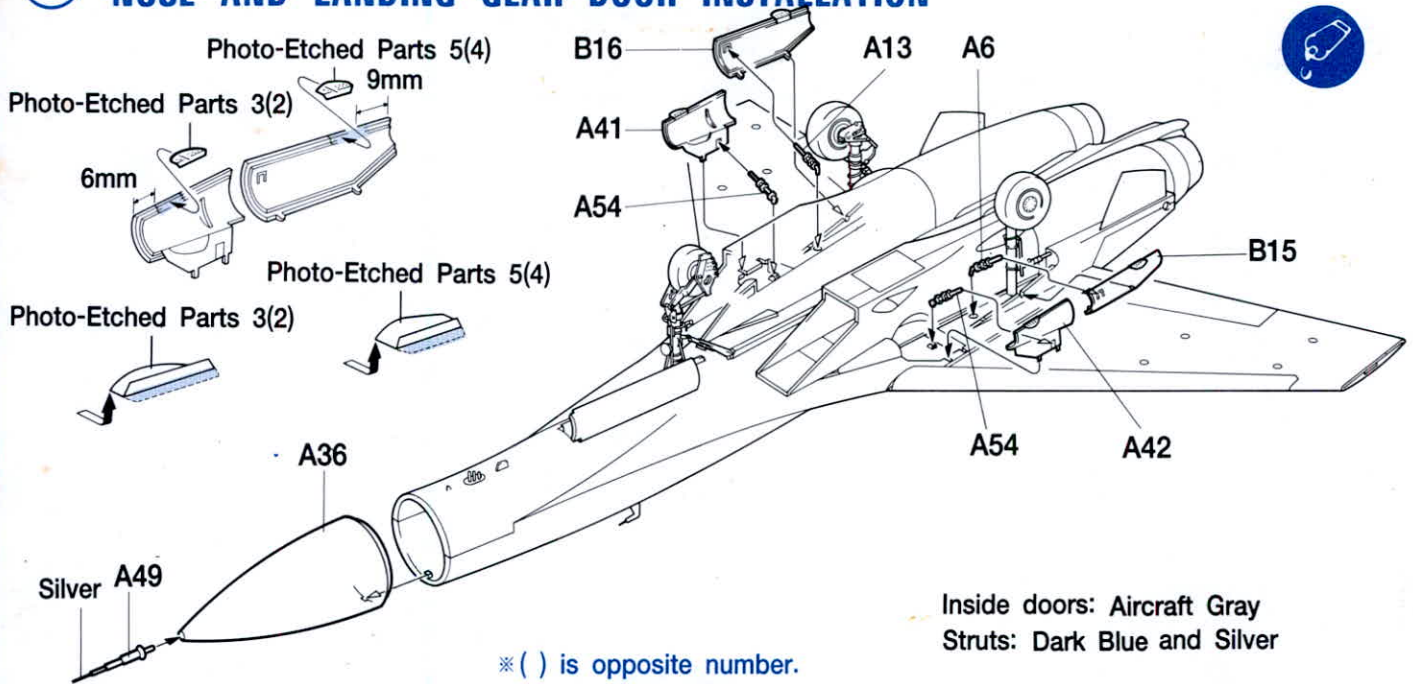


Remove the useless Portions.

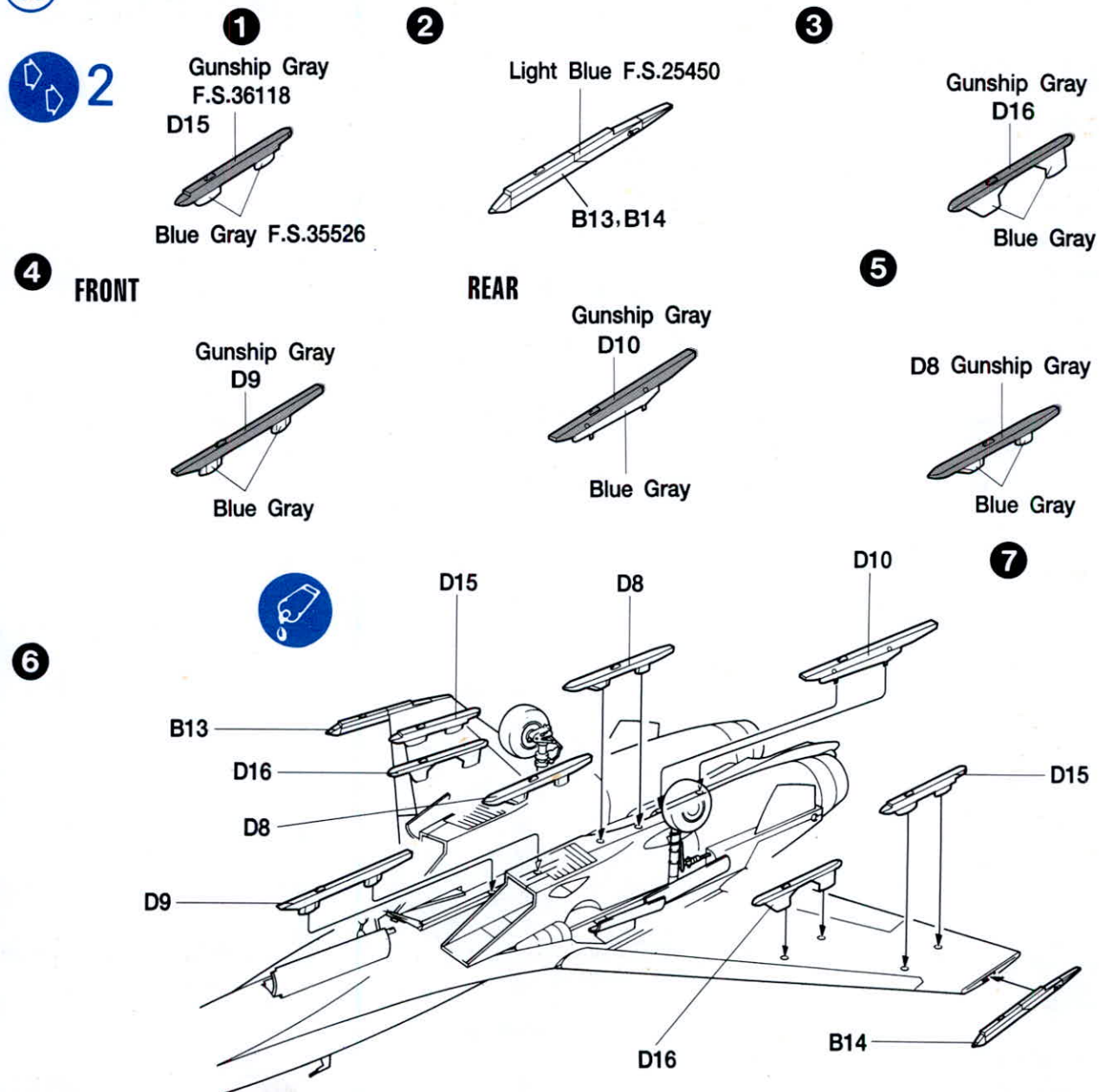


Inside doors: Aircraft Gray
F.S.16473

10 NOSE AND LANDING GEAR DOOR INSTALLATION

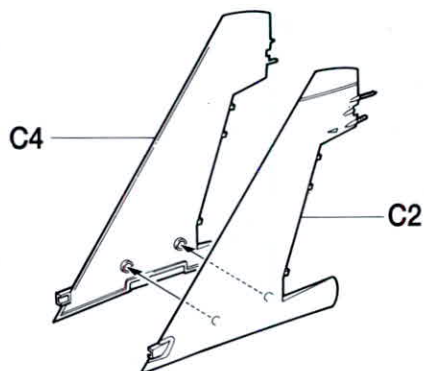


11 PYLONS ASSEMBLY

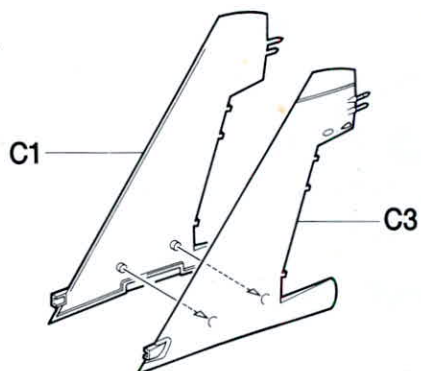


12 RUDDER AND ELEVATOR ASSEMBLY

LEFT



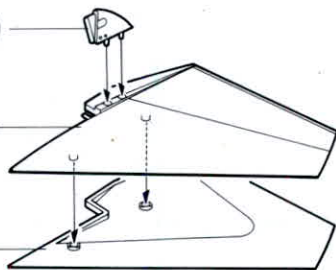
RIGHT



L(A37),R(A38)

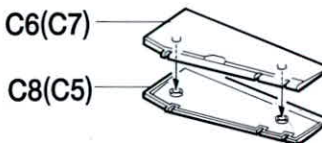
L(B1),R(B2)

L(B3),R(B4)



C6(C7)

C8(C5)



2

13 FINAL ASSEMBLY



Inside air brake:
Yellow Green

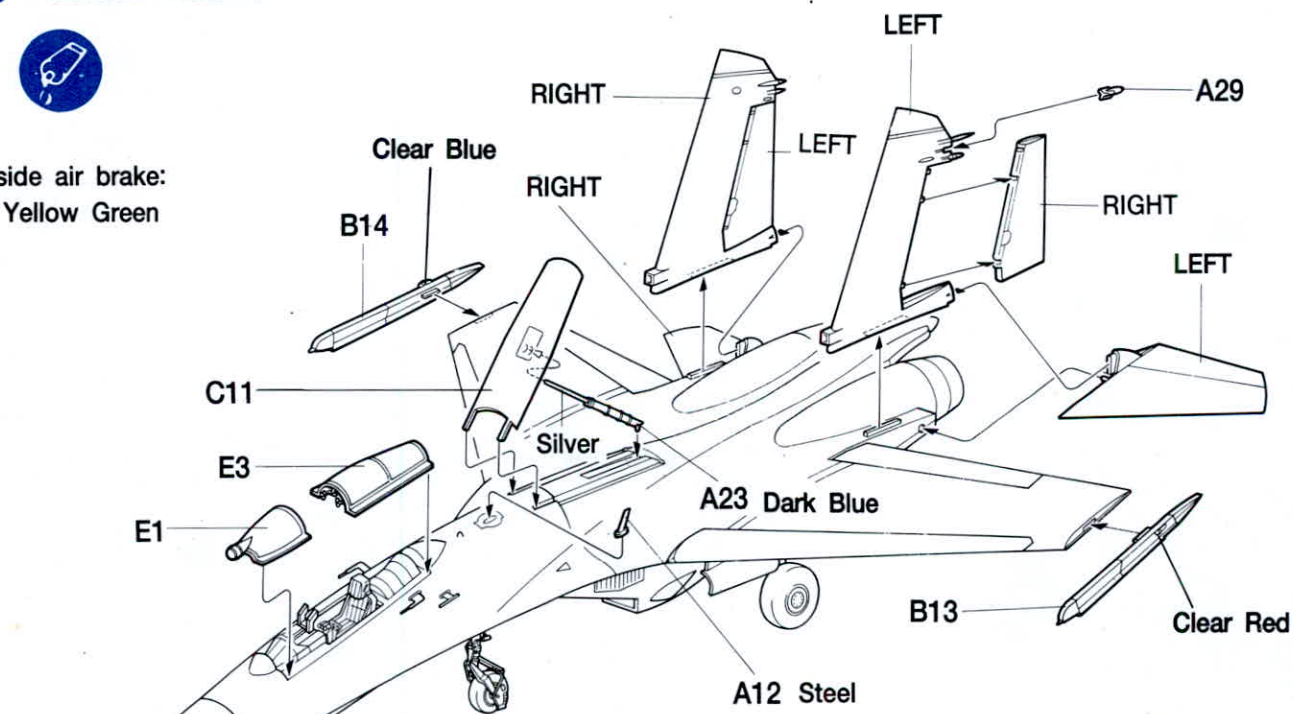
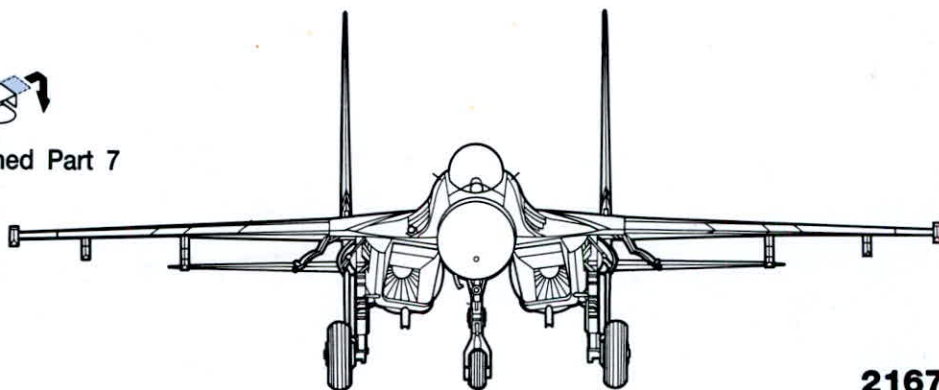


Photo-Etched Part 7

Photo-Etched Parts 7



2167

PAINING AND DECAL PLACEMENT

Gloss White F.S.17925

Steel

Dark Blue F.S.25187

Blue Gray F.S.25526

Light Blue F.S.254500

Aircraft Gray F.S.16473

Insignia White F.S.17875

Radome: Insignia White F.S.17875

● RIGHT

● UPPER

● RIGHT INSIDE

Insignia White F.S.17875

Aircraft Gray F.S.16473

● LOWER

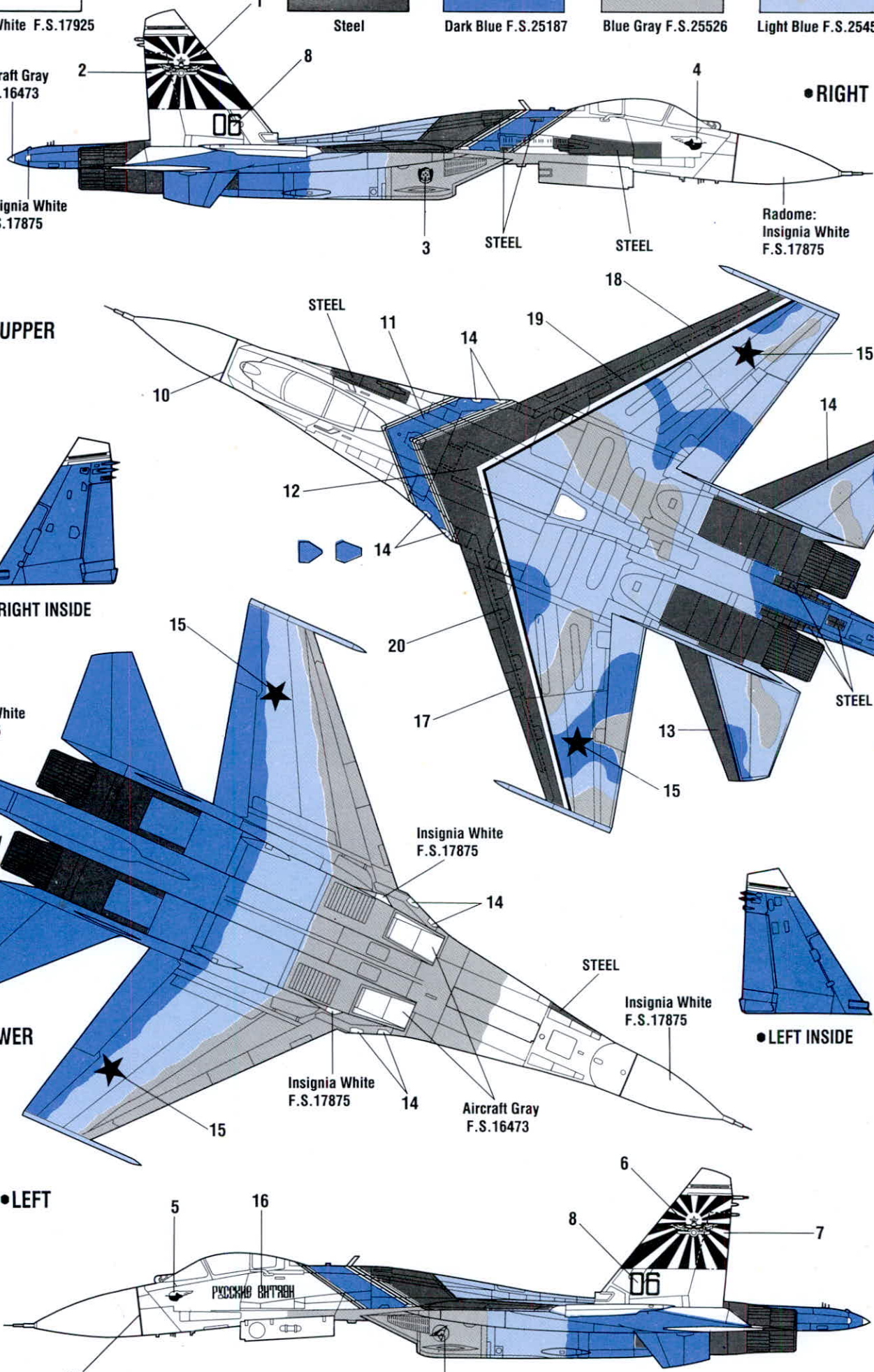
Insignia White F.S.17875

Insignia White F.S.17875

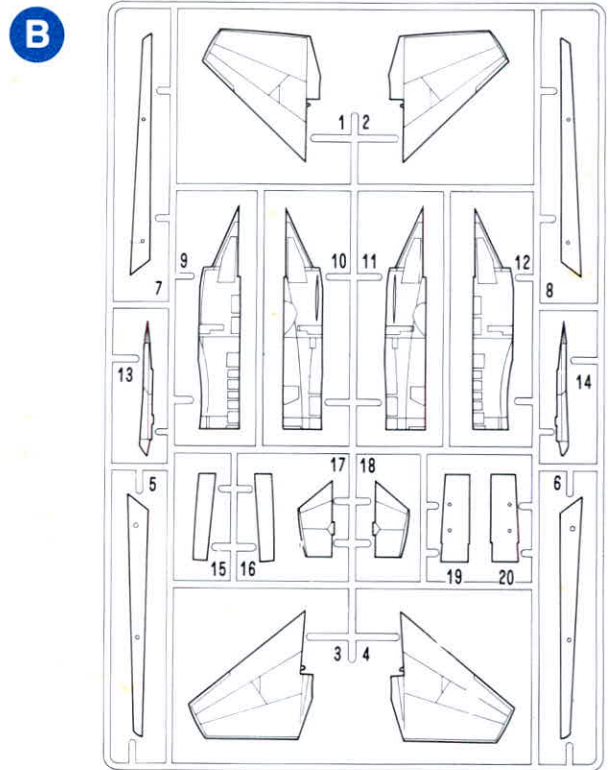
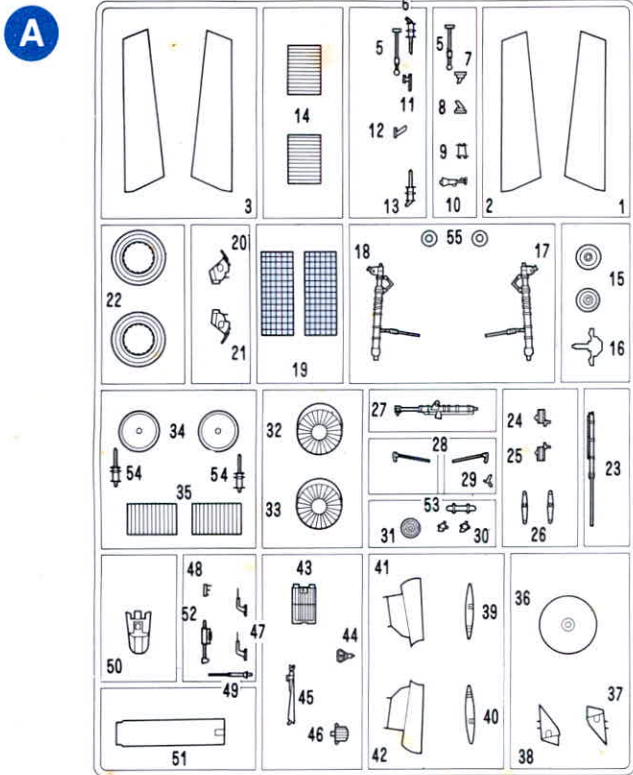
● LEFT INSIDE

● LEFT

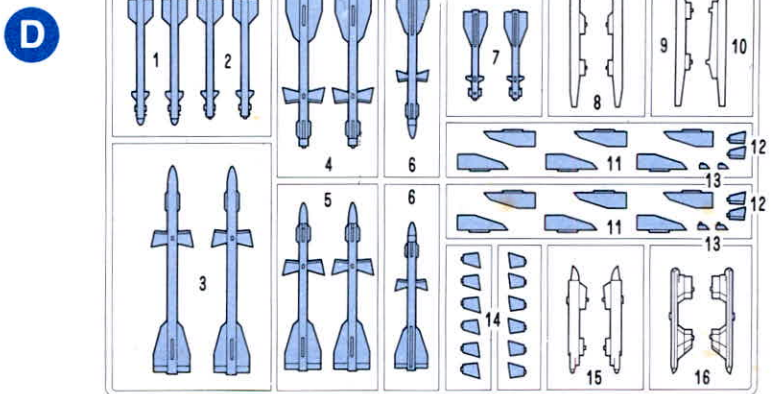
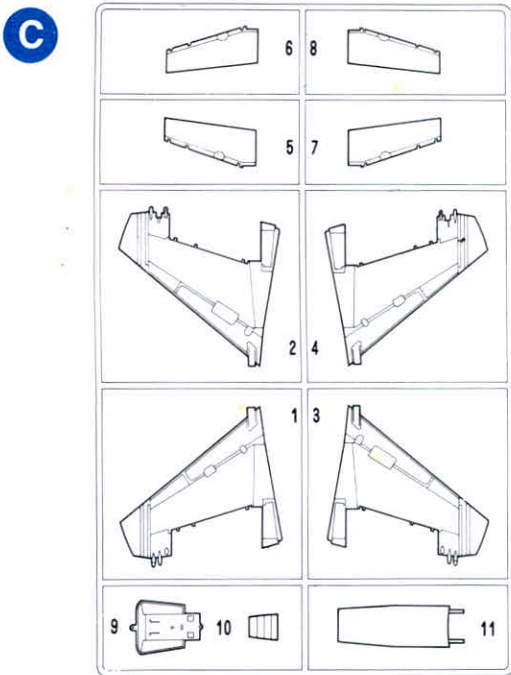
РУССКАЯ ВЪЕТРОВАЯ



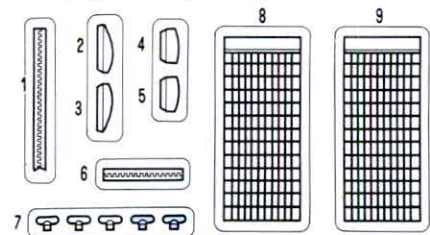
PARTS LOCATING DIAGRAM



● Unused Parts: A19, D1, D2, D3, D4, D5, D6, D7, D11, D12, D13, D14, E10, Photo-Etched Parts 7 × 2



● Photo-Etched Parts



● P.V.C. Tires(Large) × 2, Tire(Small) × 1
● Fuselage Upper × 1, Lower × 1

ENGLISH	FRENCH	GERMAN	SPANISH	ITALIAN
WHITE	BLANCO	WEISS	BLANC	BIANCO
YELLOW	JAUNE	GELB	AMARILLO	GIALLO
RED	ROUGE	ROT	ROJO	ROSSO
BLUE	BLEU	BLAU	AZUL	BLU
GRAY	GRIS	GRAU	GRIS	GRIGIO
GUNMETAL	METALLIC	METALLIC	METALICO	METALLICO
GREEN	VERT	GRUN	VERDE	VERDE
SILVER	ARGENT	SILBERN	PLATA	ARGENTO
BLACK	NOIR	SCHWARZ	NEGRO	NERO
ORANGE	ORANGE	ORANGE	NARANJADO	ARANCIO
AMBER	AMBRE	BERNSTEINFARBEN	AMBAR	AMBRA
ALUMINUM	ALUMINIUM	ALUMINUMFARBEN	ALUMINIO	ALLUMINIO
GLOSS	LUSTRE	GLANZENDES	BRILLANTE	BRILLANTE
FLAT	TERNE	GLANZLOSES	APAGADO	OPACO

ACADEMY
HOBBY MODEL KITS 2167

©1996 ACADEMY PLASTIC MODEL CO., LTD.
273-64, Suyu-dong, Kangbuk-ku, Seoul, Korea
FAX: 82-2-997-3003