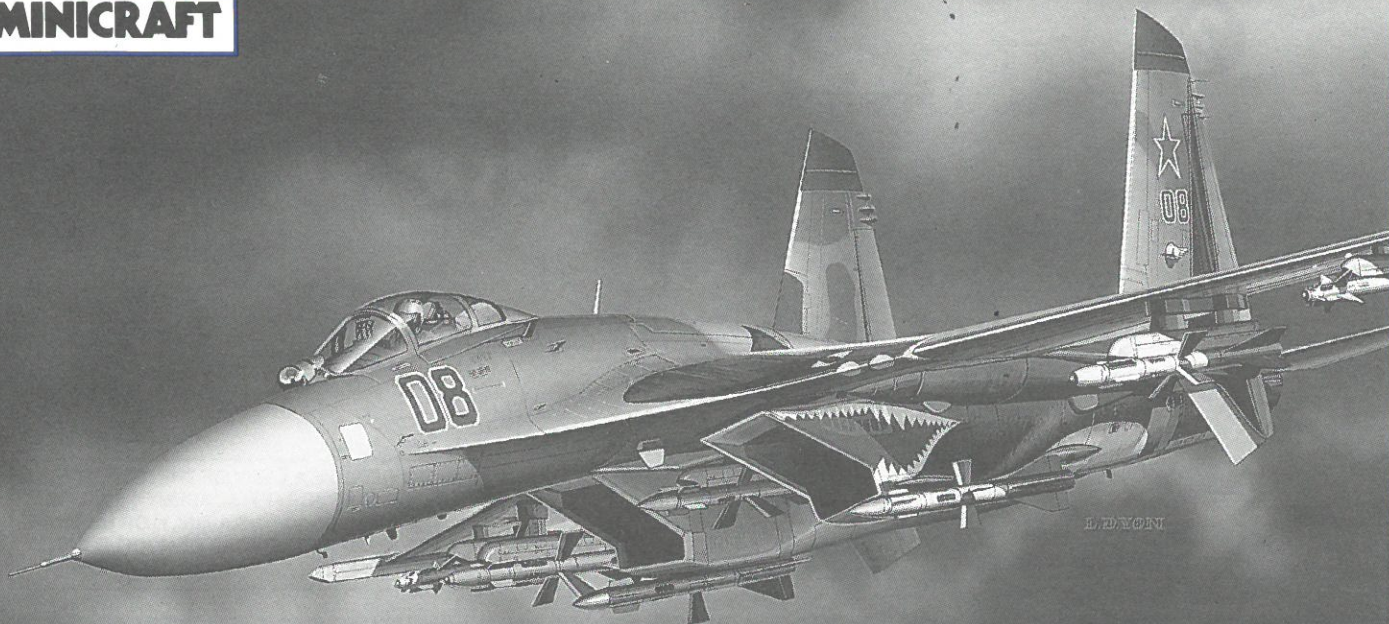


ACADEMY

MINICRAFT



1/48TH SCALE

SUKHOI SU-27 FLANKER B

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 severaly 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.

Armed with four R-73 AA-73 Archer missiles for short range combat and an array of R-27 IR-homing long range missiles, the SU-27 also carries the same internal GSh-30-1 30mm cannon used by the MIG-29, Firing at a rate of 1,500 rounds per minute, the cannon barrels only have a life expectancy of 80 seconds before they must be replaced.

The SU-27 Flanker B, together with the MIG-29 give Russia air combat capability that is certainly equal to but most likely superior to that presently available to the west.

2131



Cement Parts
Coller
Kleben
Pegar
Incollare
Colar
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
Auswahlmoglichkeit
Eleccion
Scelta
Opcao
Keuze



3

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

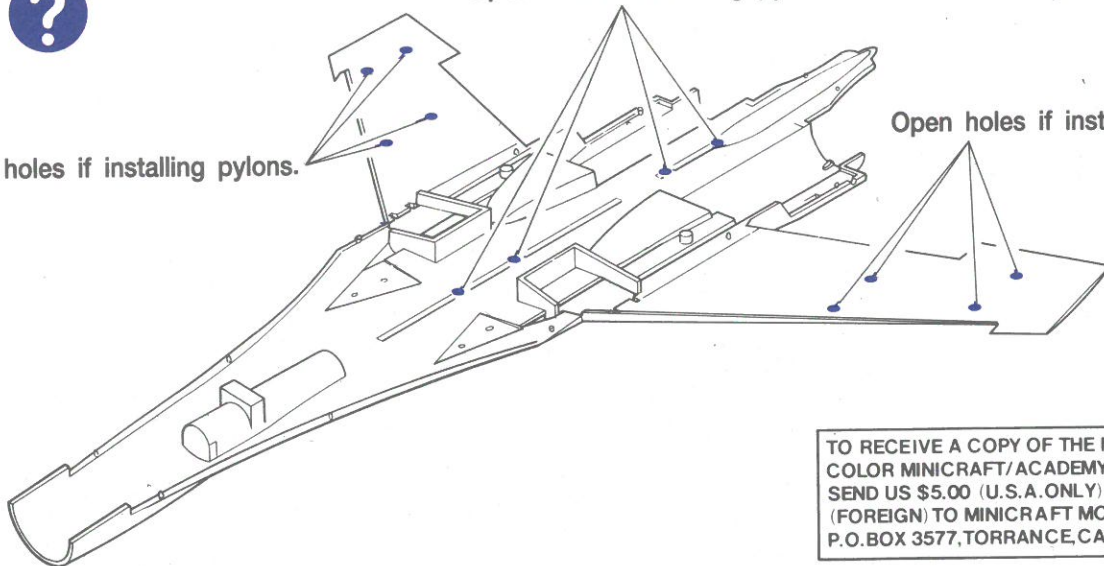
1 LOWER FUSELAGE HALF PREPARATION



Open holes if installing pylons.

Open holes if installing pylons.

Open holes if installing pylons.

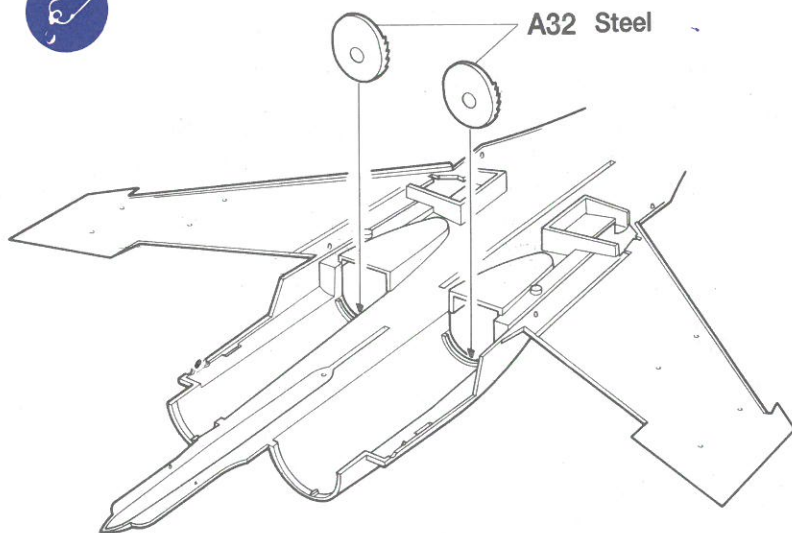


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2 FAN BLADE INSTALLATION



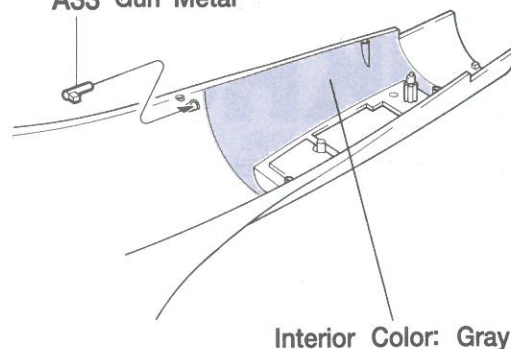
A32 Steel



3 UPPER FUSELAGE HALF PREPARATION



A33 Gun Metal



Interior Color: Gray

4 COCKPIT ASSEMBLY



A46 Black

Flat Red A44

Black

Gray A10

A43

Gray

A16

Flat Black

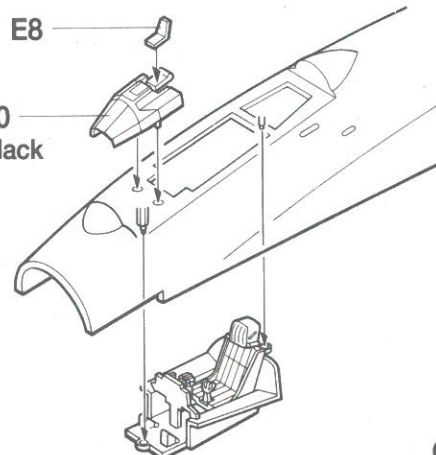
Flat Black

Gray

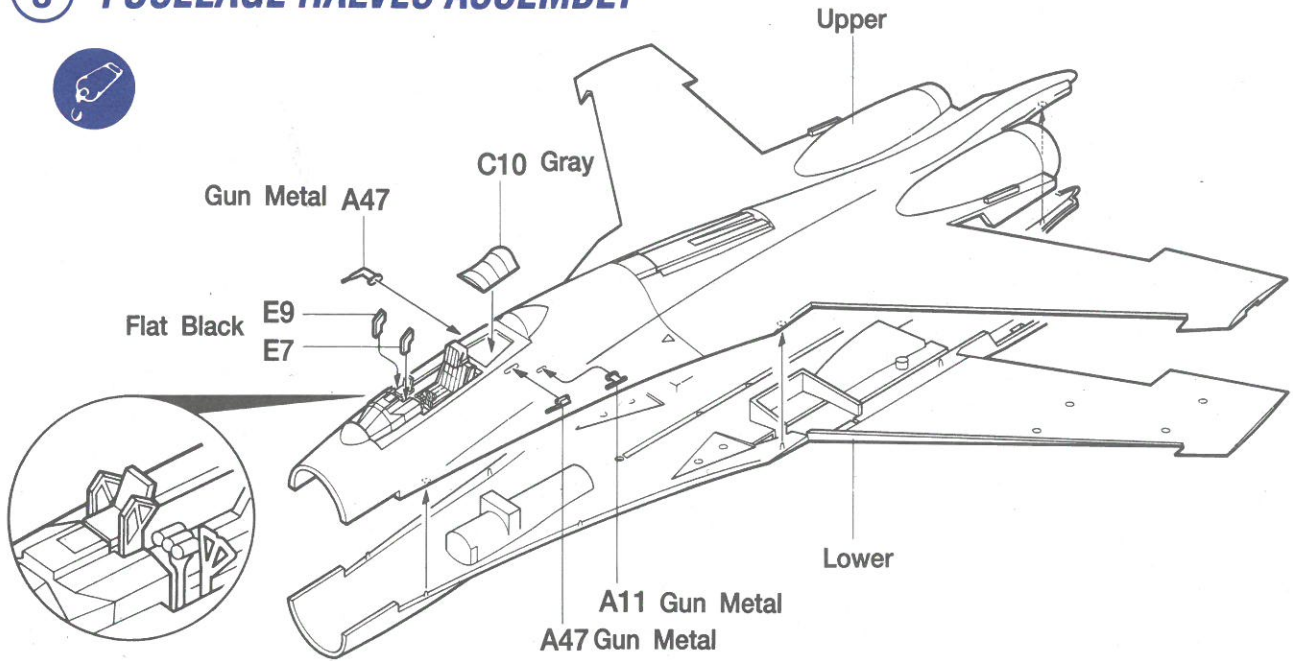
C9

E8

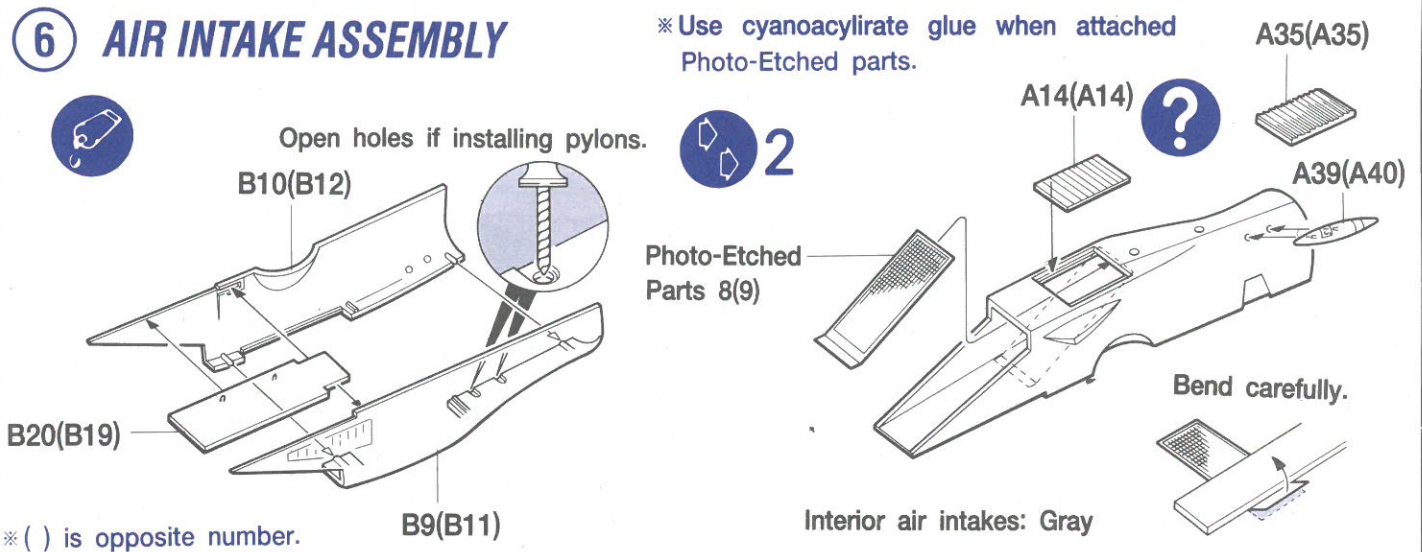
A50
Flat Black



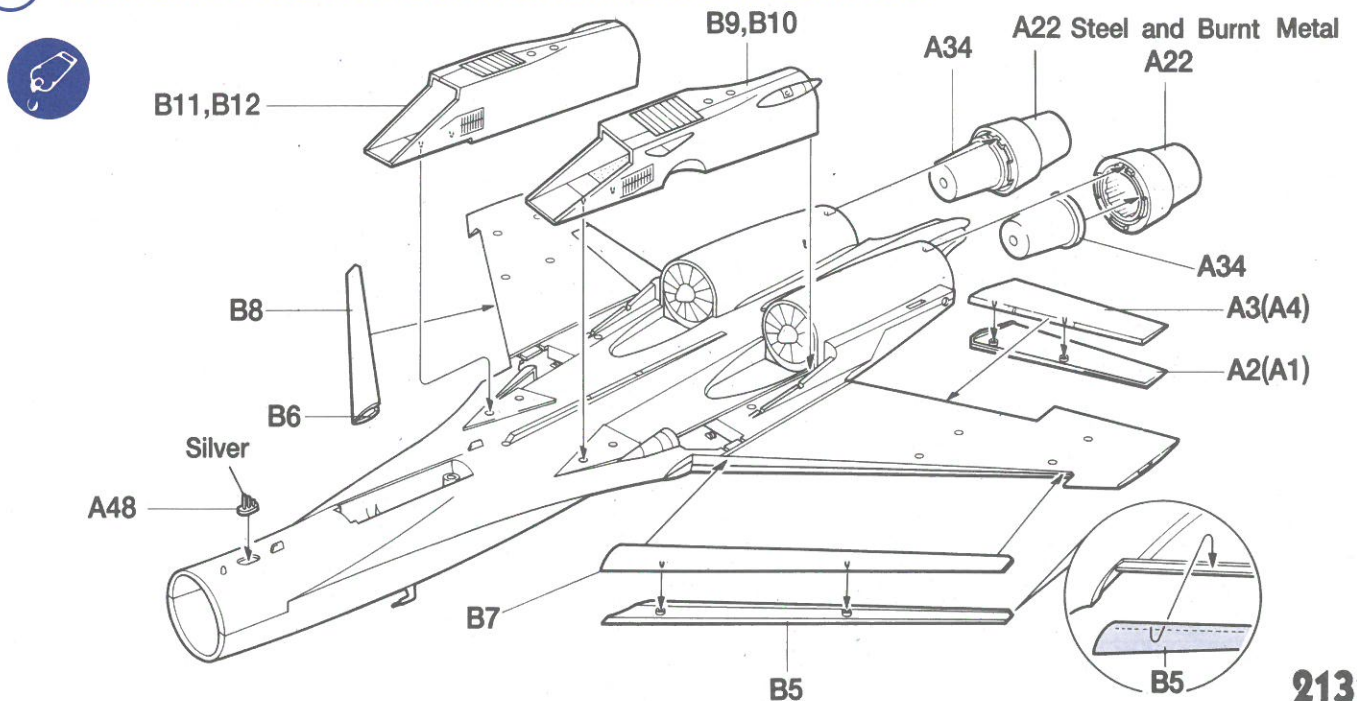
5 FUSELAGE HALVES ASSEMBLY



6 AIR INTAKE ASSEMBLY

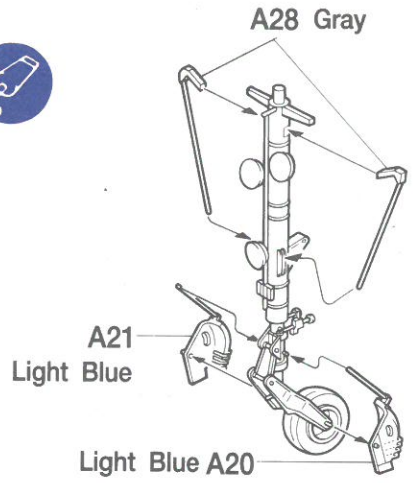
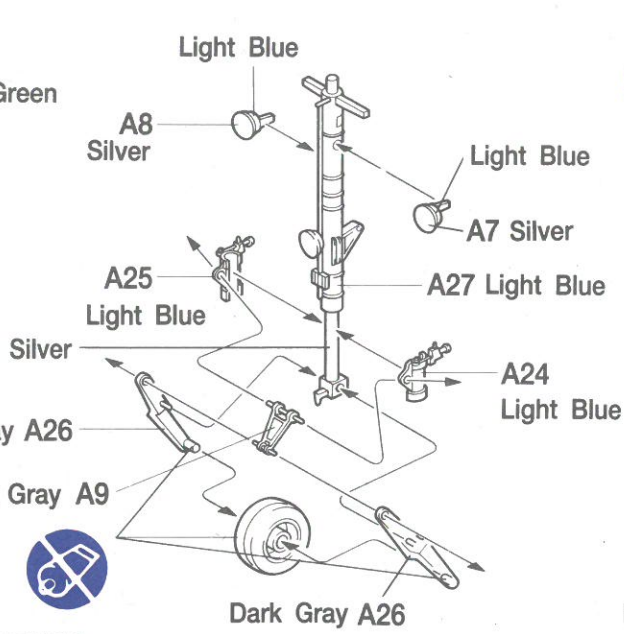


7 LOWER FUSELAGE COMPONENTS INSTALLATION

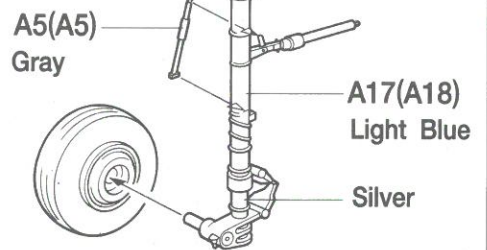
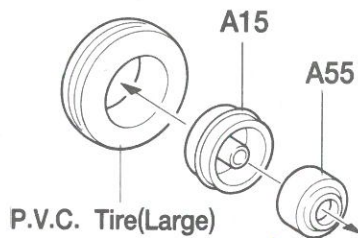
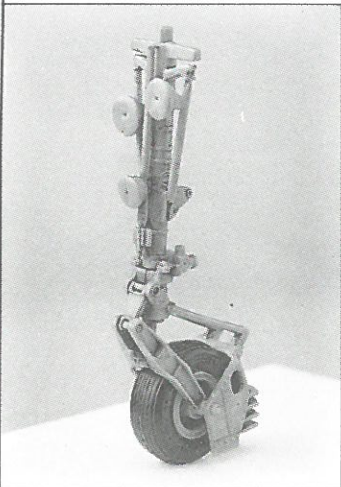
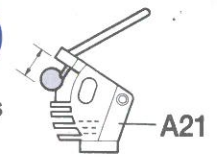


8 LANDING GEAR ASSEMBLY

Wheel hubs:Dark Green

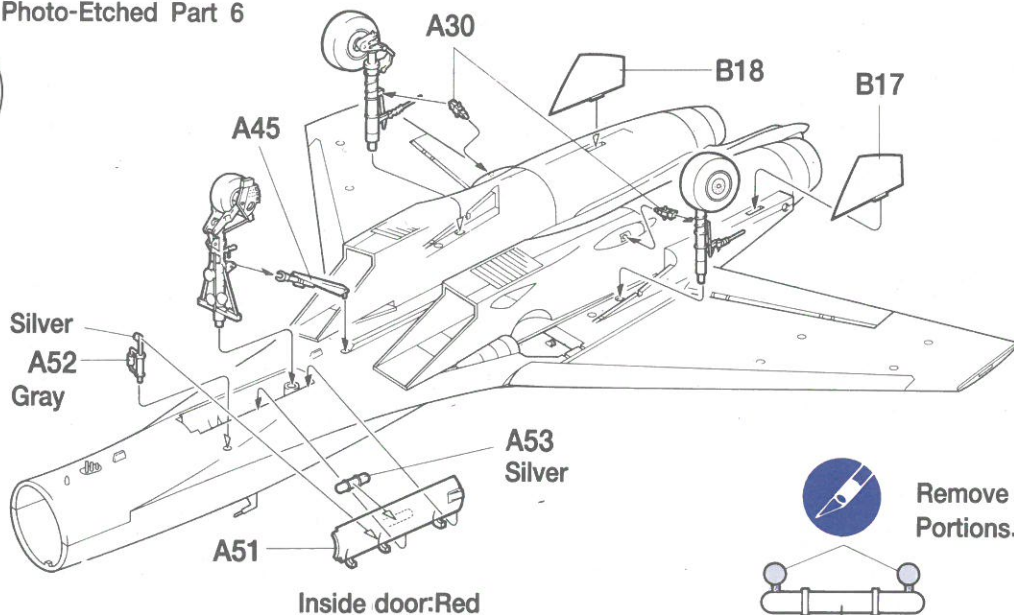
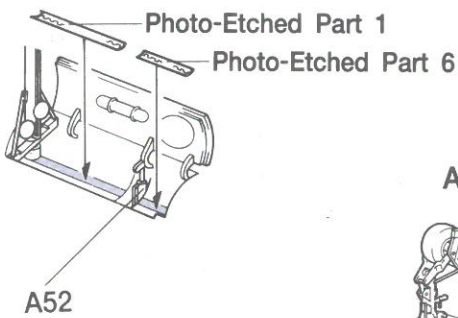


Remove the useless portions.

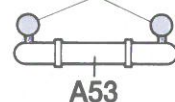


9 LANDING GEAR, DOOR AND FIN INSTALLATION

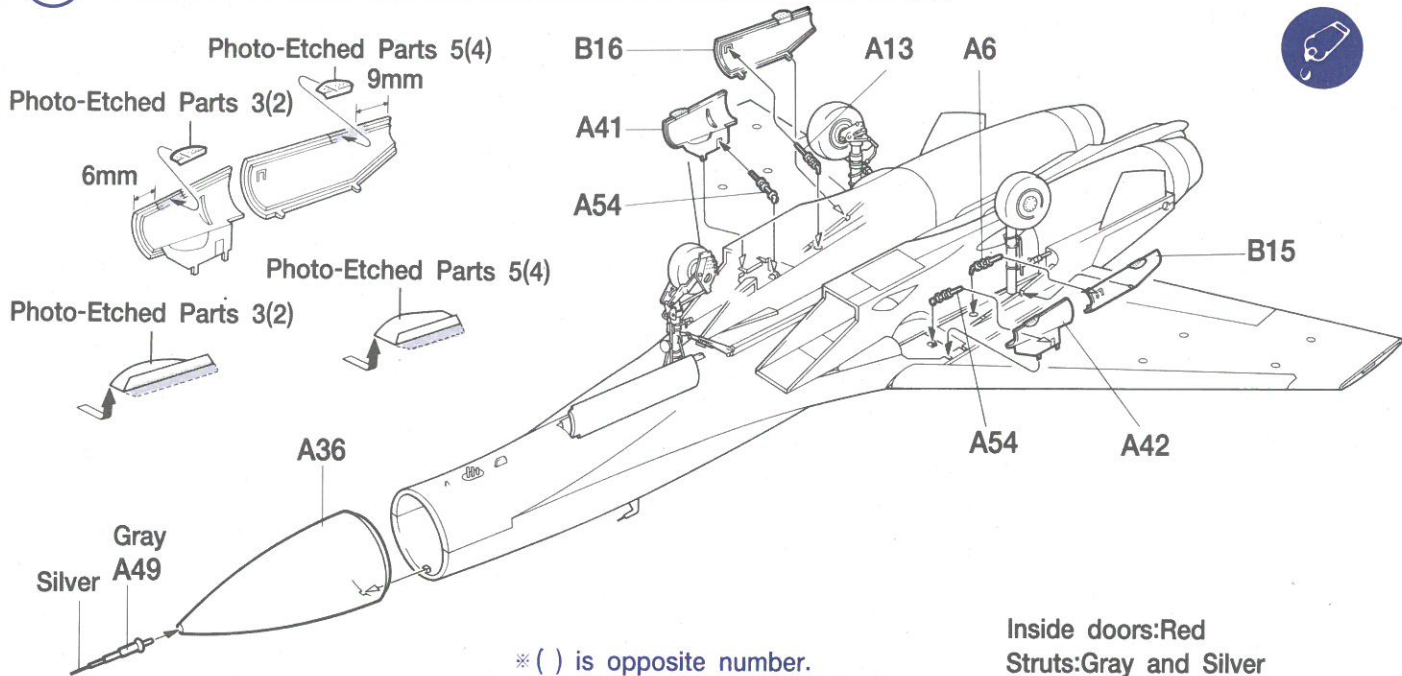
Interior landing gear wells:Gray



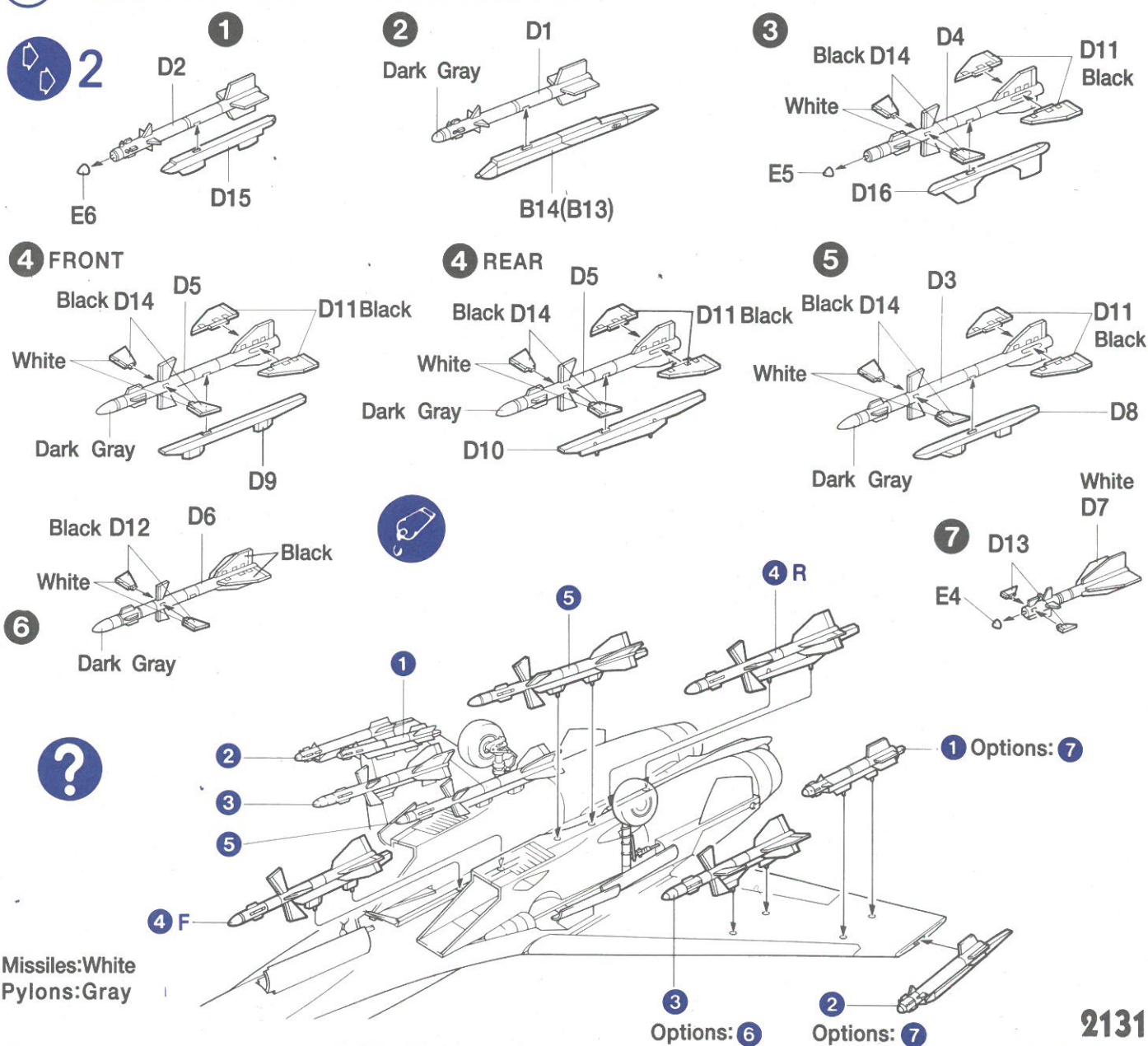
Remove the useless Portions.



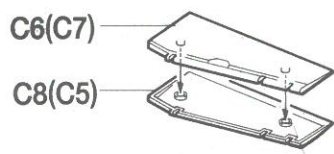
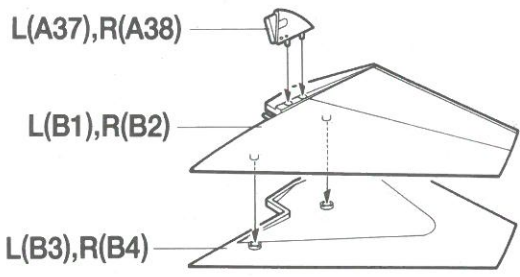
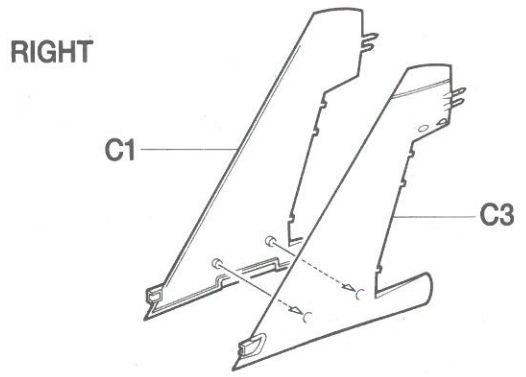
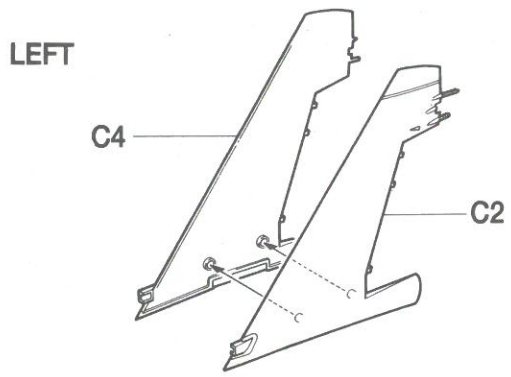
10 NOSE AND LANDING GEAR DOOR INSTALLATION



11 WEAPONS AND PYLONS ASSEMBLY



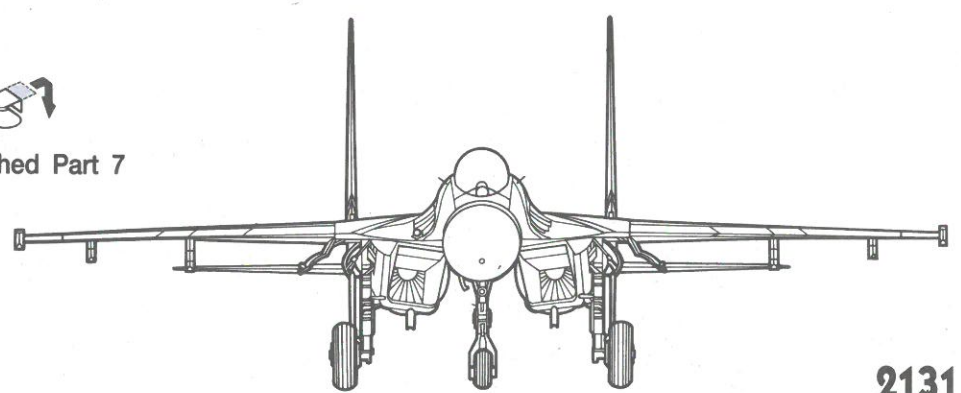
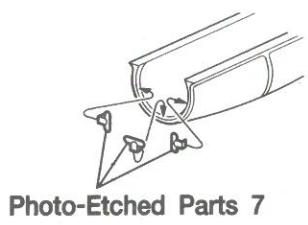
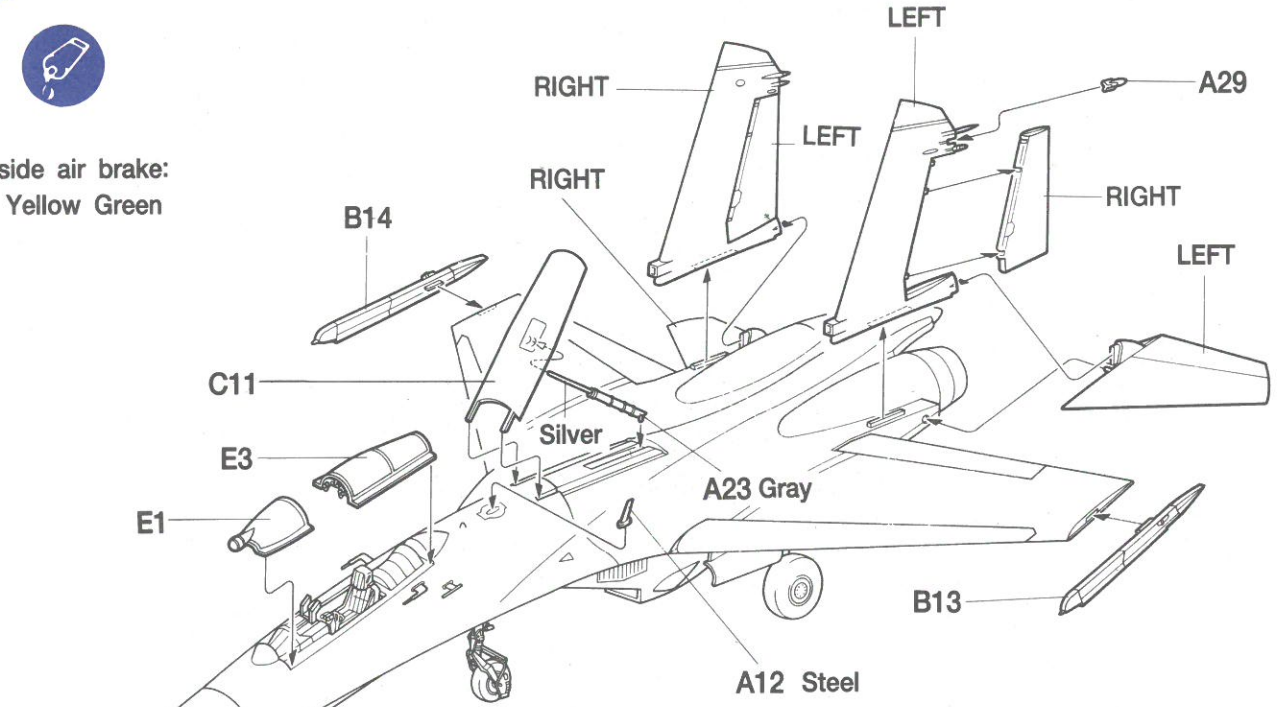
12 RUDDER AND ELEVATOR ASSEMBLY



13 FINAL ASSEMBLY



Inside air brake:
Yellow Green



PAINING AND DECAL PLACEMENT

WHITE F.S.17778

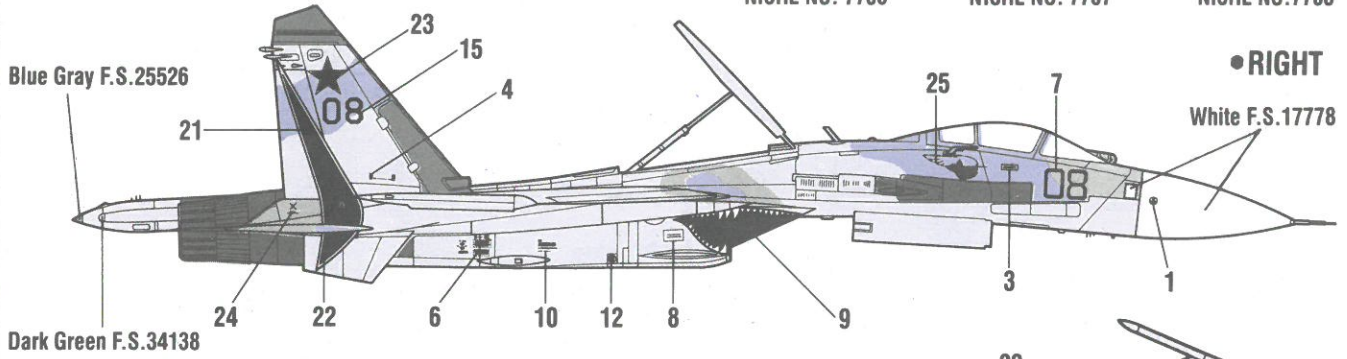
STEEL

DARK GREEN F.S.34138

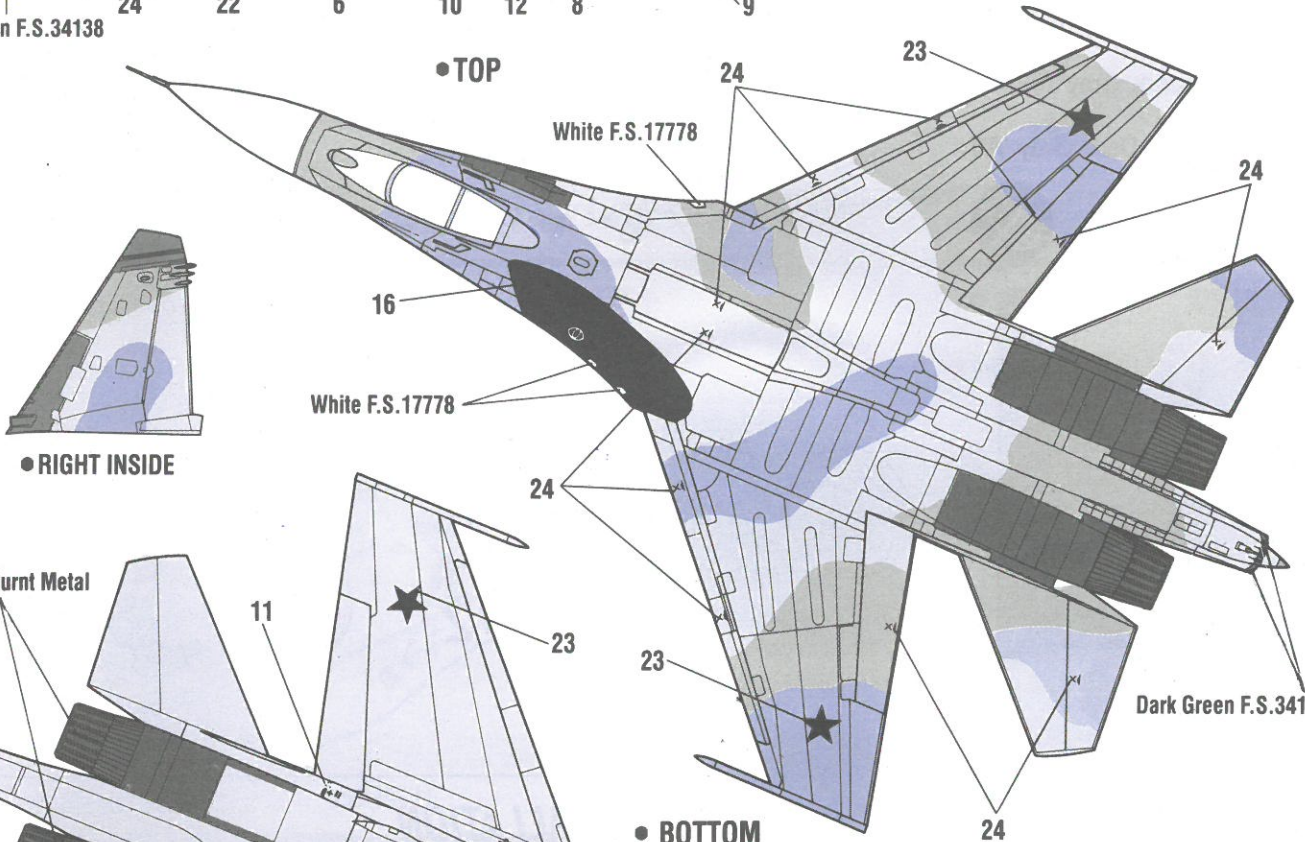
DARK BLUE F.S.25450
NICHE NO. 7706

BLUE GRAY F.S.25526
NICHE NO. 7707

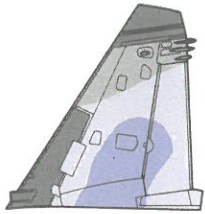
LIGHT BLUE F.S.25550
NICHE NO. 7708



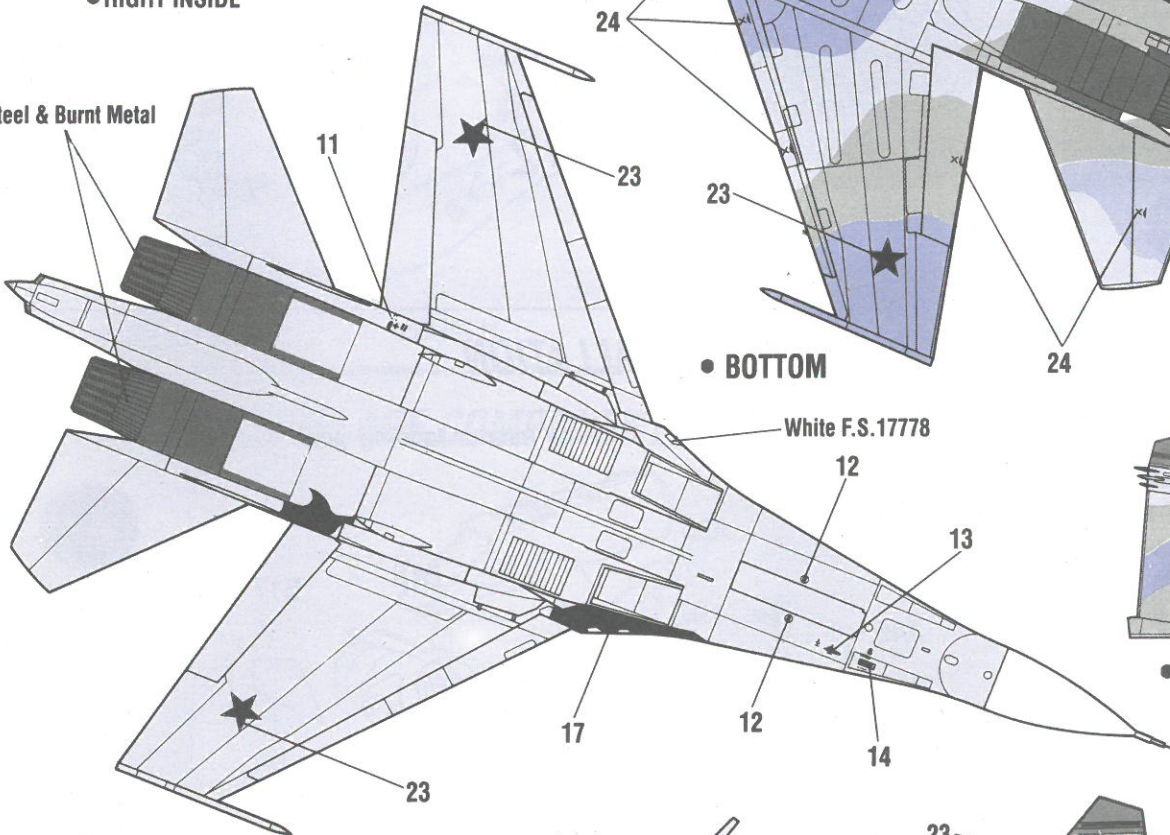
• TOP



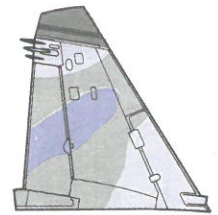
• RIGHT INSIDE



Steel & Burnt Metal

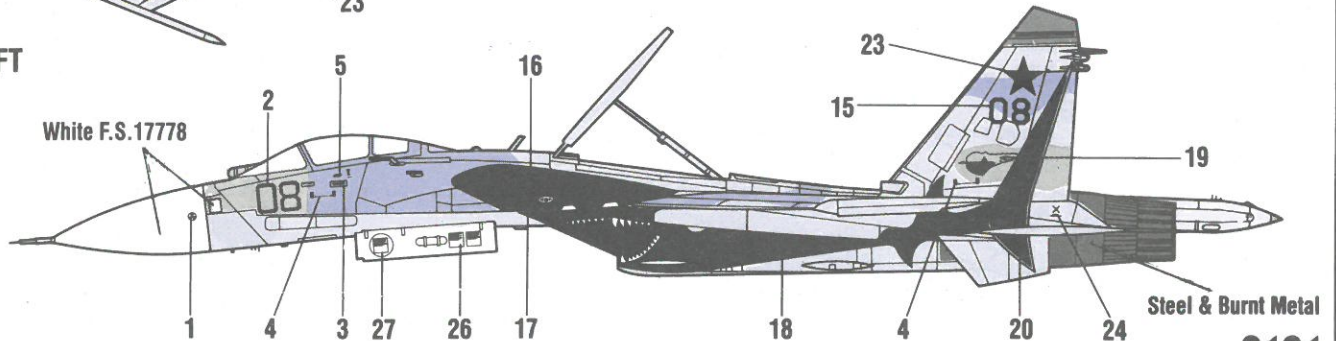


• BOTTOM



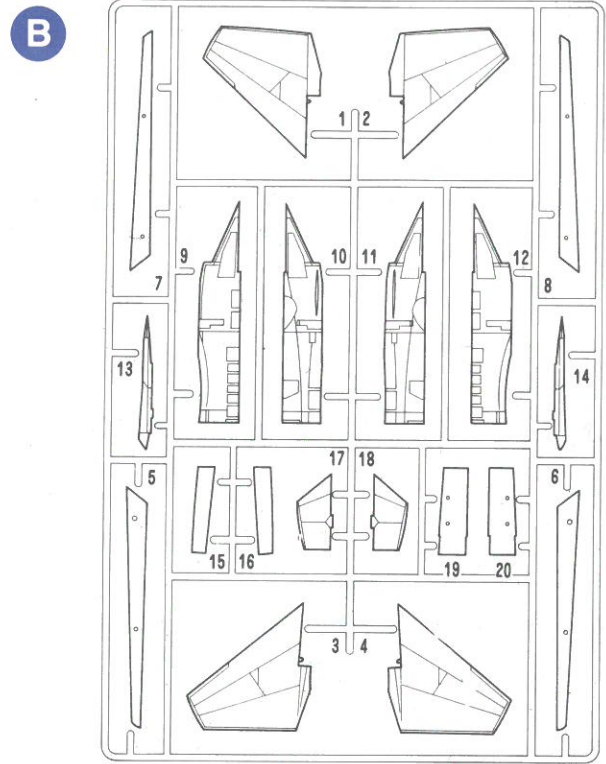
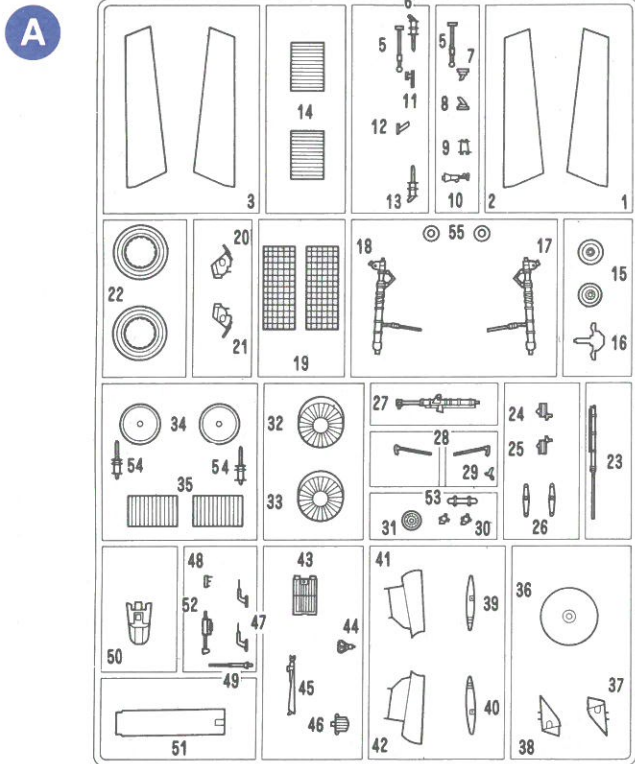
• LEFT INSIDE

• LEFT

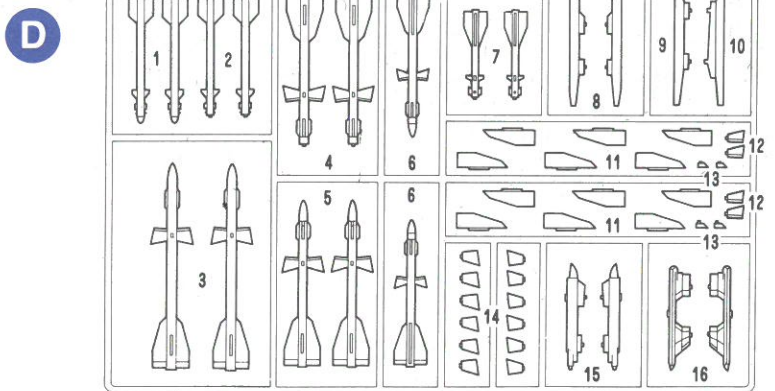
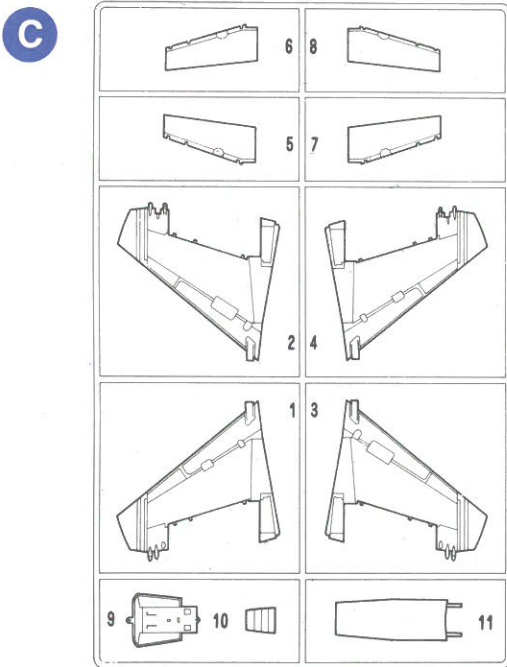


※ Do not use No.10, 12.

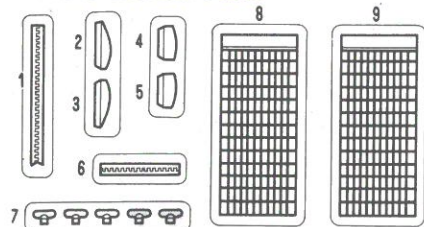
PARTS LOCATING DIAGRAM



● Unused Parts: A19, 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 | BLANC | 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 | ALUMINIUMFARBEN | ALUMINIO | ALLUMINIO |
| GLOSS | LUSTRE | GLANZENDES | BRILLANTE | BRILLANTE |
| FLAT | TERNE | GLANZLOSES | APAGADO | OPACO |

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