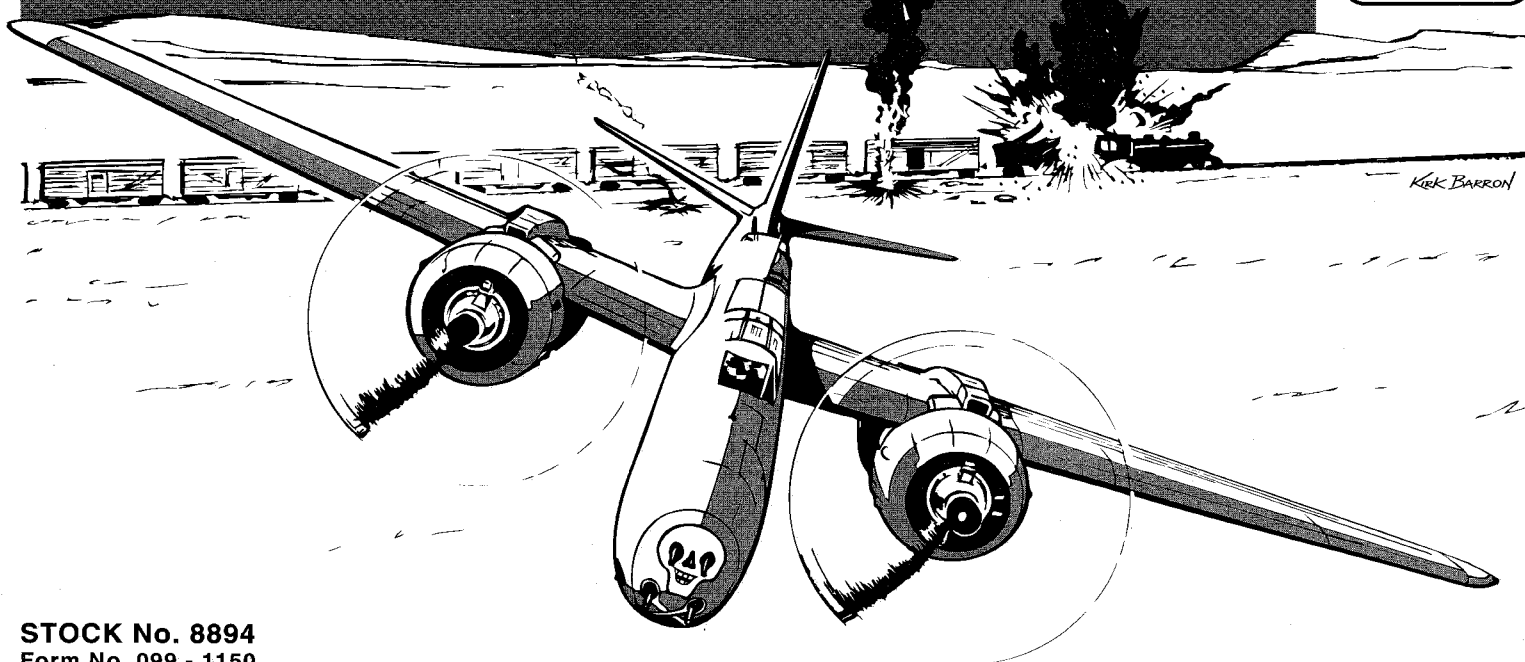
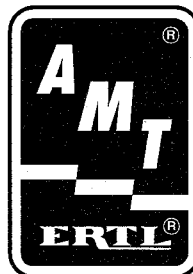


DOUGLAS A-20G "HAVOC"



STOCK No. 8894
Form No. 099 - 1150

The Douglas A-20 Havoc's full story has yet to be told. The brainchild of three of aviation's true immortals - Donald Douglas, Sr., Ed Heinemann and Jack Northrop - the A-20 arrived at a time of rapid growth and change in the late 1930's as the world prepared for war.

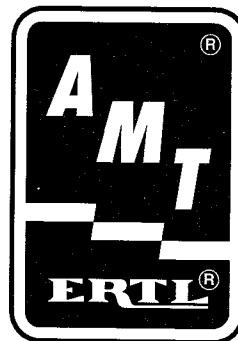
The A-20's predecessor/prototype, the 7B, created an international furor when, during a flight demonstration carrying an unauthorized passenger in the form of a member of the French Purchasing Commission, the aircraft crashed. Still, the French were very impressed by the aircraft and, desperately preparing for war, ordered 100. The aircraft was substantially redesigned to fix a number of problems, but retained the unique interchangeable noses that enabled it from the start to built as a bomber or attack plane. Following redesign the 7B became the DB-7 and it was this aircraft that the U.S. Army Air Corps became interested in, ordering over 200 of the now-designated A-20 and A-20As. The British soon became interested and ordered the aircraft as the Boston. It was combat experience gained by the British that was in many ways to turn the A-20 in its subsequent versions into the fast, heavily-armed attack ship we know.

Your AMT kit represents the ultimate gunship version of the A-20, the A-20G. American combat crews in Tunisia and the Pacific, seeking ways to enhance the firepower of their aircraft, field-modified their planes by getting rid of the bombardier position and filling the glass nose with .50 caliber machine guns. It was decided to manufacture a solid "gun-nose" version, thus the G. The first 250 aircraft (G-1s), had four 20mm cannons plus two .50 caliber machine guns. This setup was not as effective as hoped and most were sent to Russia. All subsequent aircraft had six .50 caliber nose guns. Beginning with the A-20G-20, the older single-gun, hand-operated, open rear defensive position was replaced by a power-operated twin .50 caliber Martin turret.

Nearly 3000 Gs were produced, making it the most-manufactured version of this aircraft. Production ceased in September, 1944, and was replaced by a bigger, heavier, faster, more powerful big brother, the A-26 Invader.

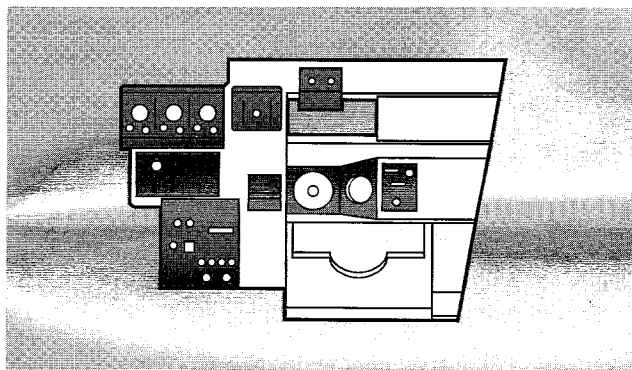
This AMT/Wings kit provides markings for two aircraft with proud combat records in the Pacific Theater of Operations. "Little Joe", 389BS/312BG, and "Little Isadore", 89BS/3BG both flew with the Fifth Air Force. "Little Joe" is known to have served in the Philippines and "Little Isadore" may have as well. We hope you enjoy this kit of A-20G Havoc.

DOUGLAS ██████████ A-20G "HAVOC"

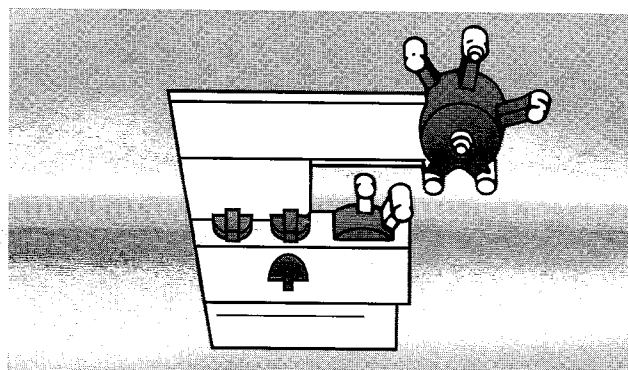


STOCK No. 8894
Form No. 099 - 8894

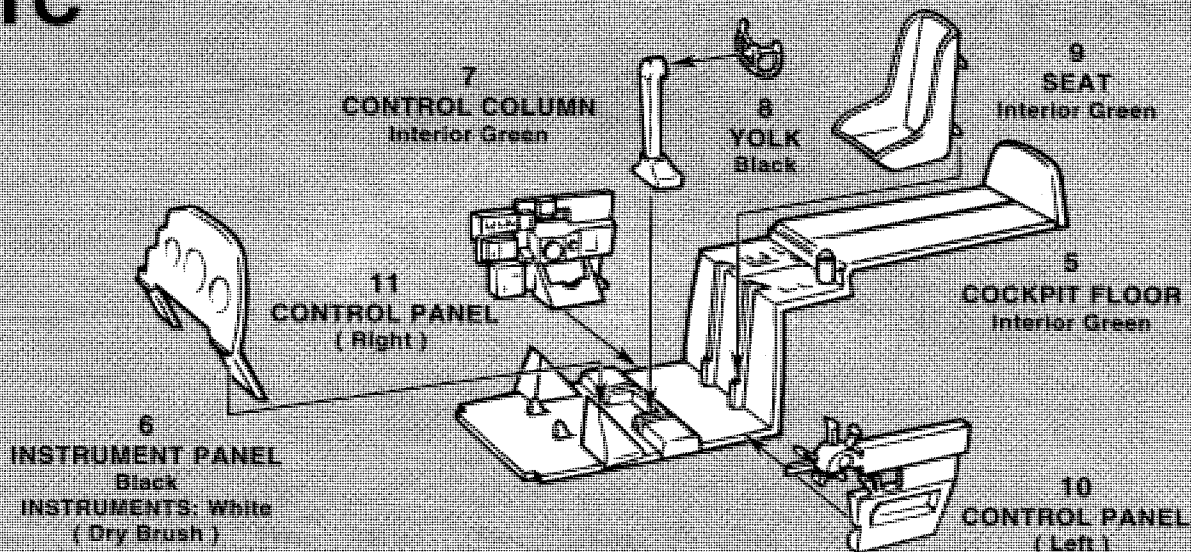
1A 11: CONTROL PANEL (Right)
OVERALL: Interior Green
BOXES (Shaded Areas): Black
DETAIL ALL DIALS: White



1B 10: CONTROL PANEL (Left)
OVERALL: Interior Green
LEVERS / DETAIL (Shaded Areas): Black
DETAIL ALL KNOBS: White



1C



1D

3
NOSE BULKHEAD
Interior Green

NOTE: The bottom edge of the NOSE GEAR WELL should align with the bottom edge of the NOSE BULKHEAD.

ASSEMBLED
COCKPIT INTERIOR

4
NOSE GEAR WELL
INSIDE: Green Zinc Chromate
OUTSIDE: Interior Green

NOTE: Interior Green = FS - 34151

2

95
TWIN 50 CAL. MACHINE GUNS
Gun Metal

Flat Black
Interior Green

94 / 93
REAR GUNNERS
ARMORED TURRET

BULLETS: Brass
Flat Black
Interior Green

3

78
UPPER BOMB HALVES
Dark Olive Drab 41

NOTE: BOMBS are optional.
Do not use if you plan to
build your model with the
BOMB BAY DOORS closed.

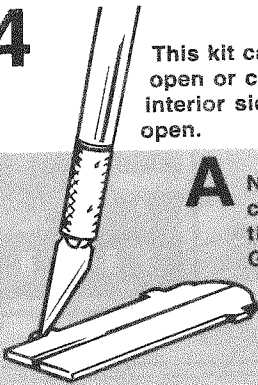
77
BOMB RACK / LOWER
BOMB HALVES
RACK: Green Zinc Chromate
BOMBS: Dark Olive Drab 41

NOTE: Green Drab = FS - 34086

4

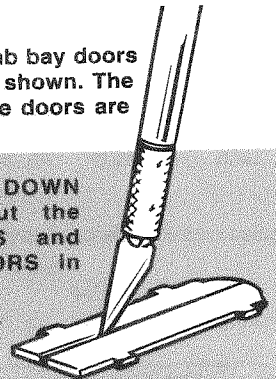
IMPORTANT

This kit can be built with either the landing gear up or down and the bomb bay doors open or closed. Decide which version you want to build and proceed as shown. The interior side of these parts should be painted Green Zinc Chromate if the doors are open.



A NOTE: For GEAR UP display, carefully cut the 'TABS' from the sides of the LANDING GEAR DOORS.

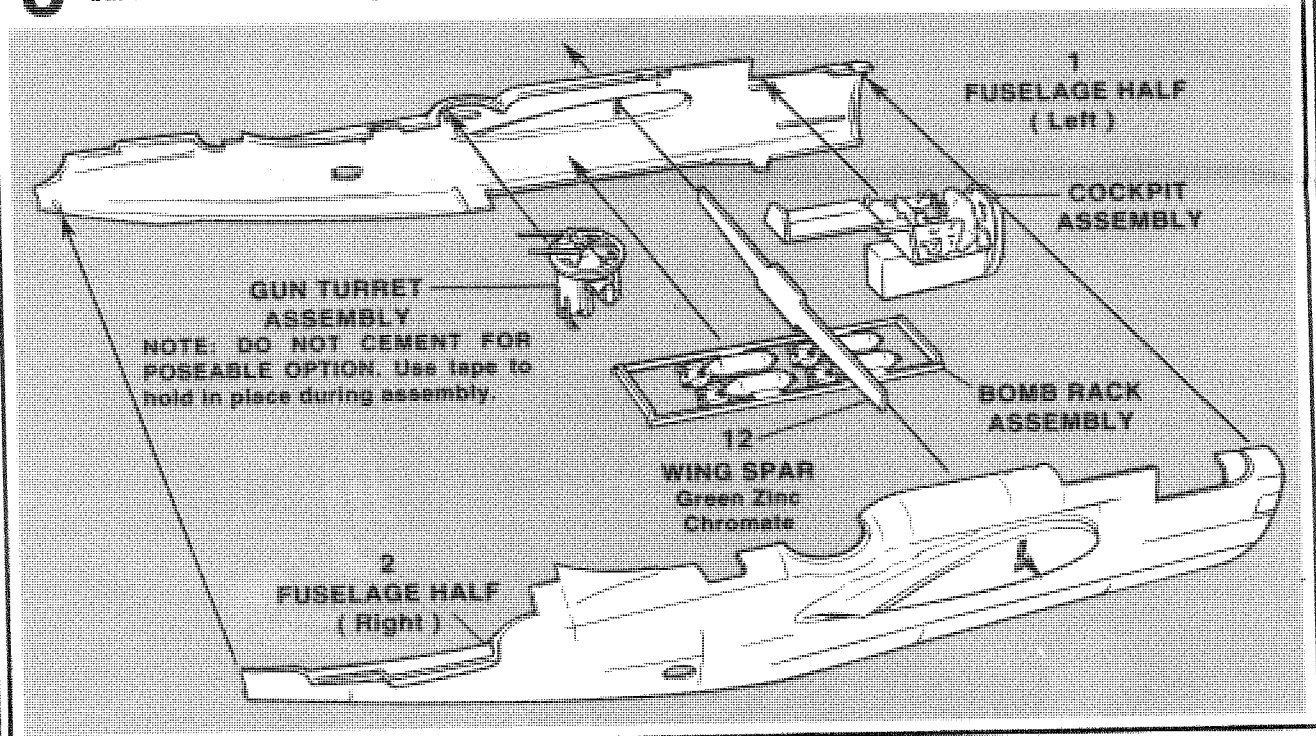
B NOTE: For GEAR DOWN display, carefully cut the BOMB BAY DOORS and LANDING GEAR DOORS in half.



If you plan to use the LONG RANGE FUEL CELL (shown in STEP 18) the BOMB BAY DOORS must be in the closed position.

5

NOTE: Paint the inside of both FUSELAGE HALVES Interior Green. After assembly, use tape or rubber bands to hold the fuselage together while the cement is allowed to dry thoroughly.



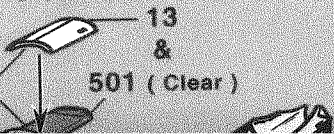
6

CANOPY
(2pcs. Cement together)

13 &

501 (Clear)

BOTTOM: Interior Green



WINDSCREEN
(Clear)

Interior Green

FUSELAGE
ASSEMBLY

NOTE: Add 10 grams
of weight to inside
of NOSE SECTION.

10G

88 / 87 / 86
NOSE SECTION
(3pcs. Cement together)

7

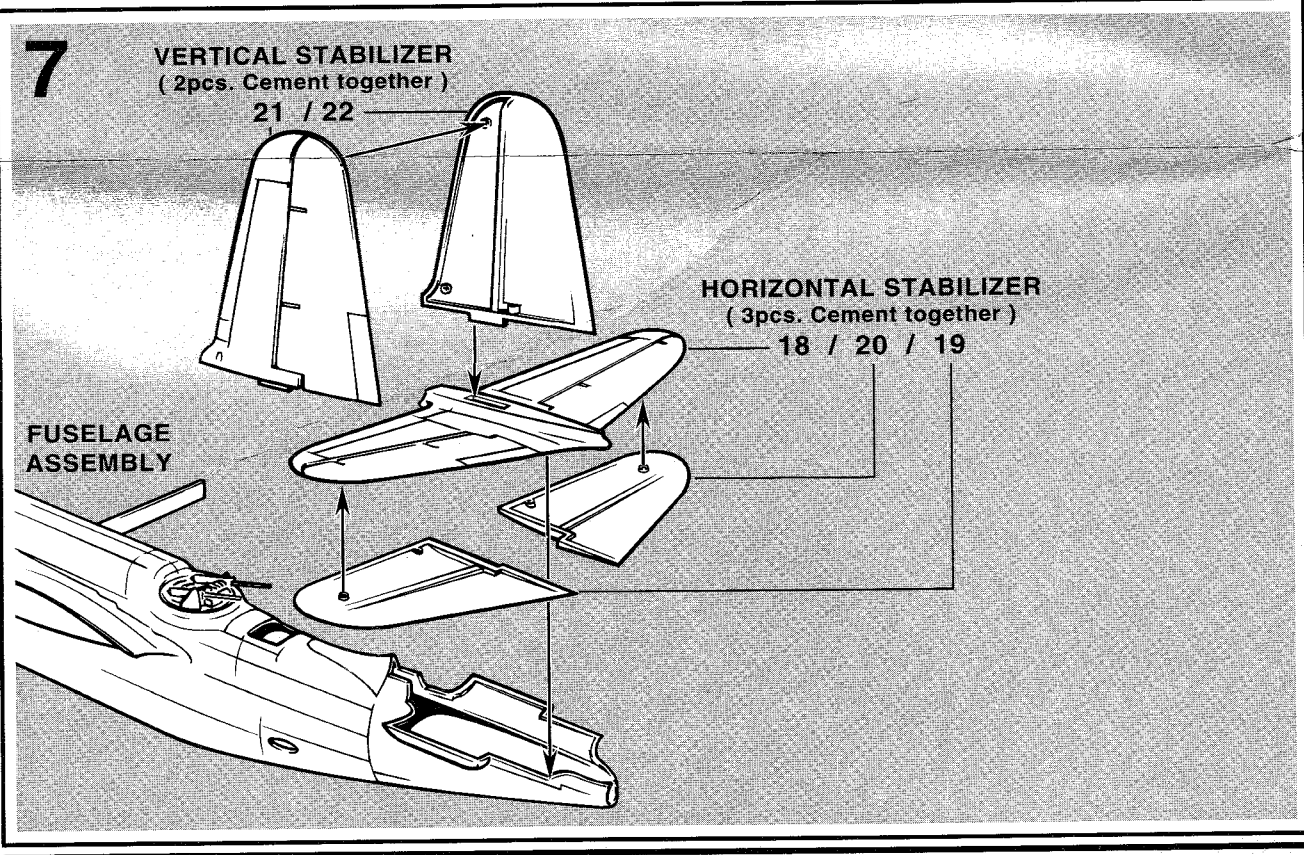
VERTICAL STABILIZER
(2pcs. Cement together)

21 / 22

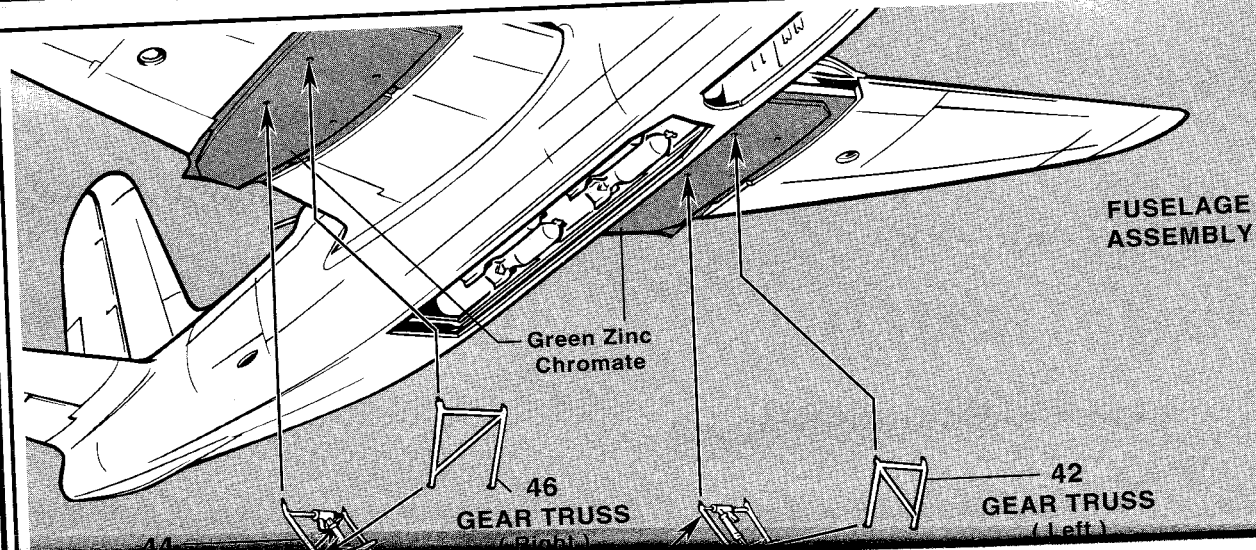
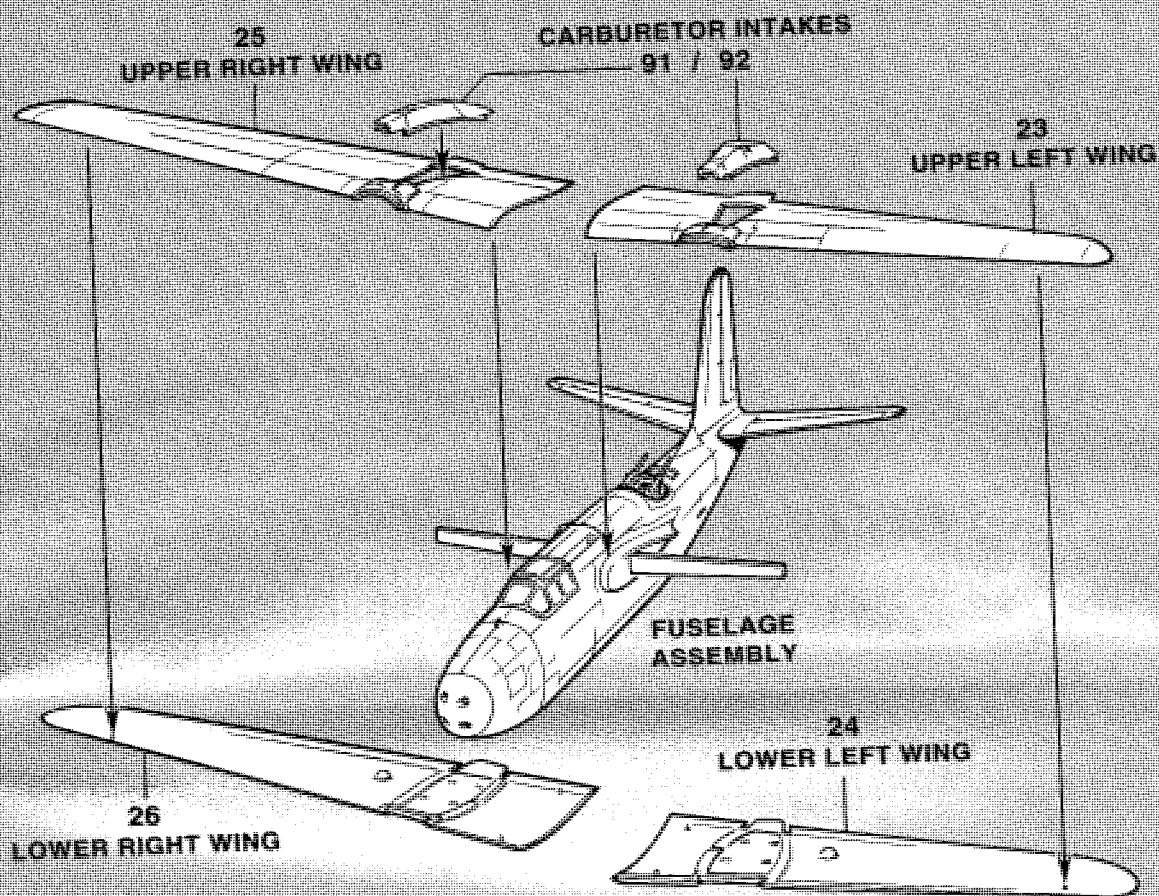
HORIZONTAL STABILIZER
(3pcs. Cement together)

18 / 20 / 19

FUSELAGE
ASSEMBLY



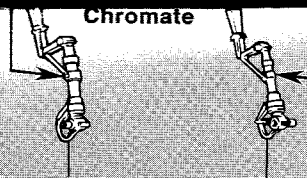
8



Green Zinc
Chromate

Chromate

Green Zinc
Chromate

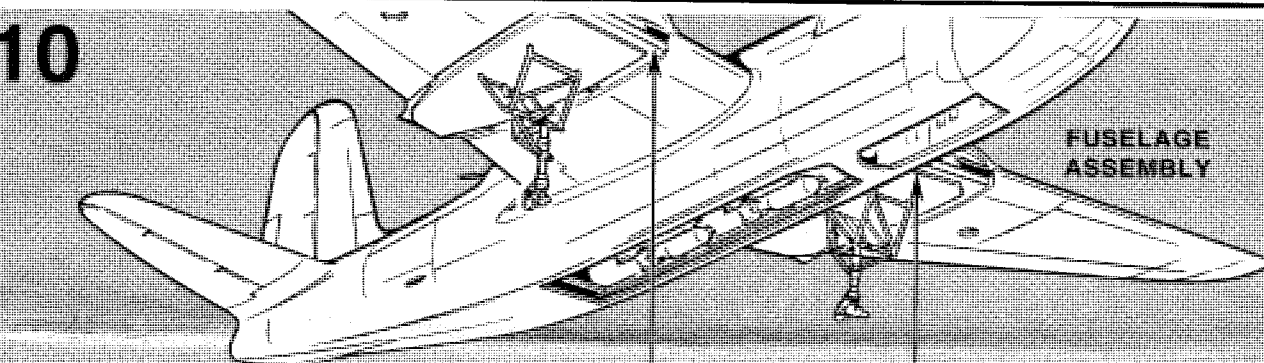


40
GEAR CHASSIS
(Left)
Green Zinc
Chromate

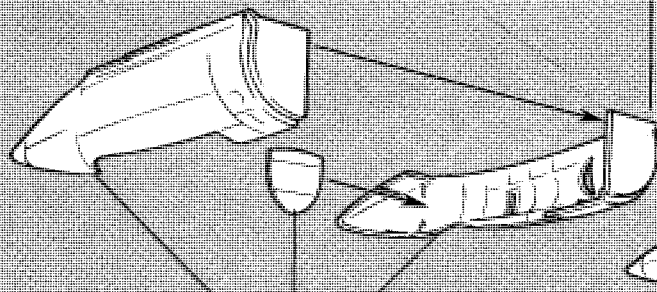
41 (Right) / 45 (Left)
LANDING GEAR STRUTS
Neutral Gray
Paint BRAKE LINES Black

NOTE: LANDING GEAR is optional. Do not use if you plan to build your model with the LANDING GEAR DOORS in the closed position.

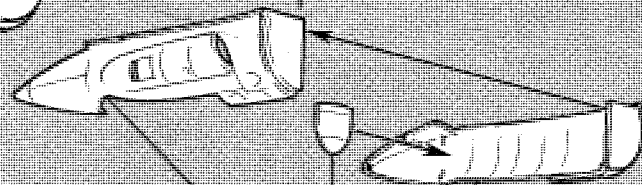
10



FUSELAGE
ASSEMBLY



30 / 29 / 31
RIGHT ENGINE NACELLE
(3pcs. Cement together)



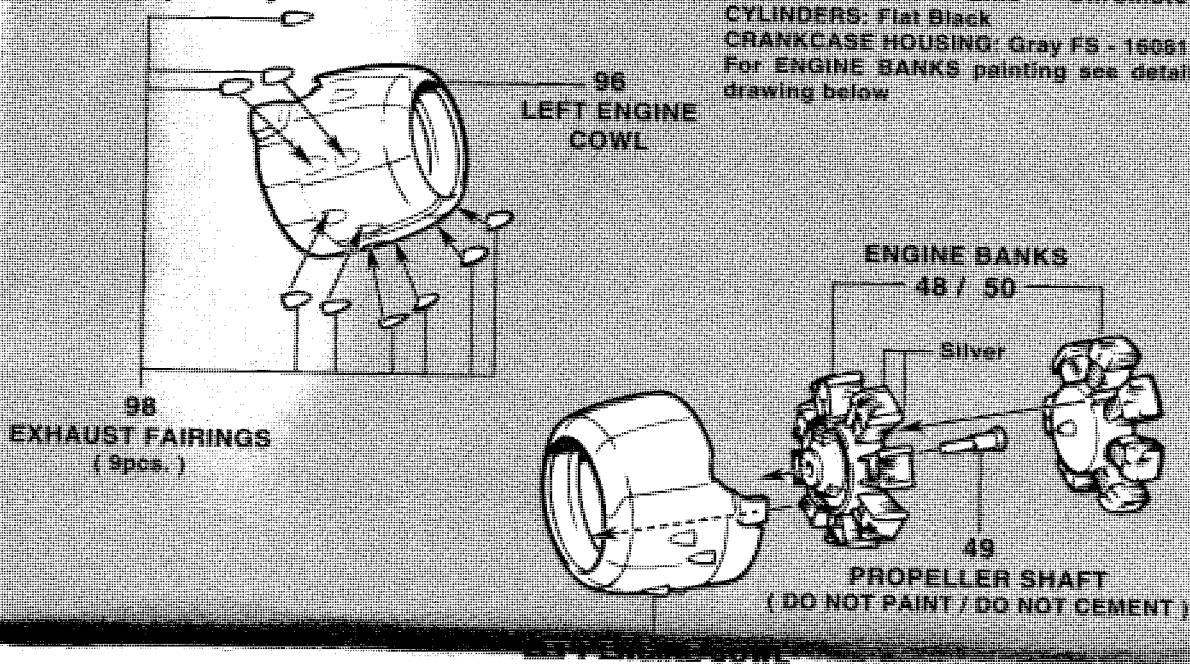
28 / 32 / 27
LEFT ENGINE NACELLE
(3pcs. Cement together)

NOTE: Paint the inside of both ENGINE NACELLES Green Zinc Chromate.

11

(Left)

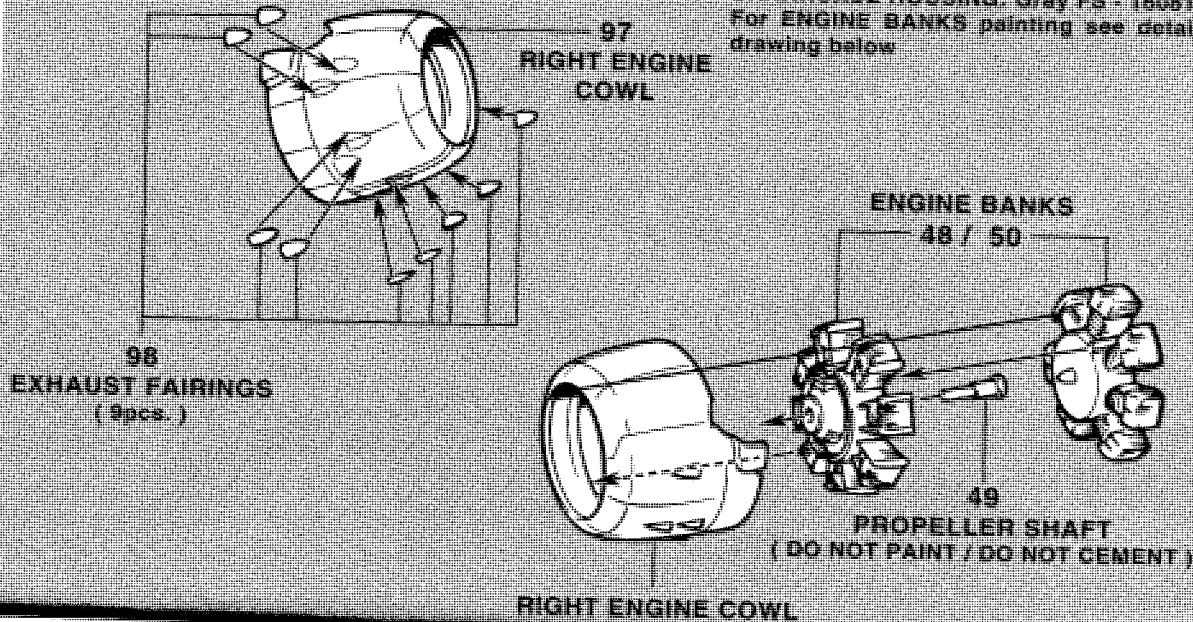
NOTE: Paint the inside of LEFT ENGINE COWL Green Zinc Chromate.
 CYLINDERS: Flat Black
 CRANKCASE HOUSING: Gray FS - 15081
 For ENGINE BANKS painting see detail drawing below



12

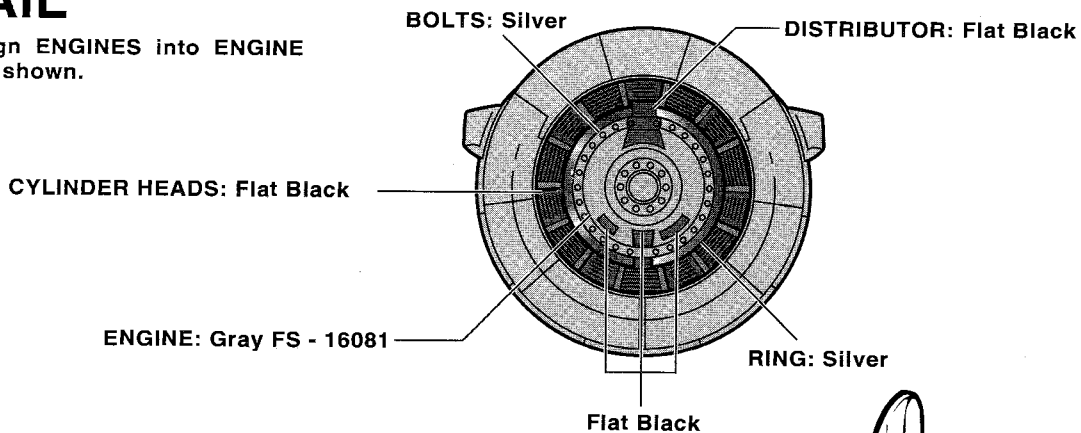
(Right)

NOTE: Paint the inside of RIGHT ENGINE COWL Green Zinc Chromate.
 CYLINDERS: Flat Black
 CRANKCASE HOUSING: Gray FS - 15081
 For ENGINE BANKS painting see detail drawing below

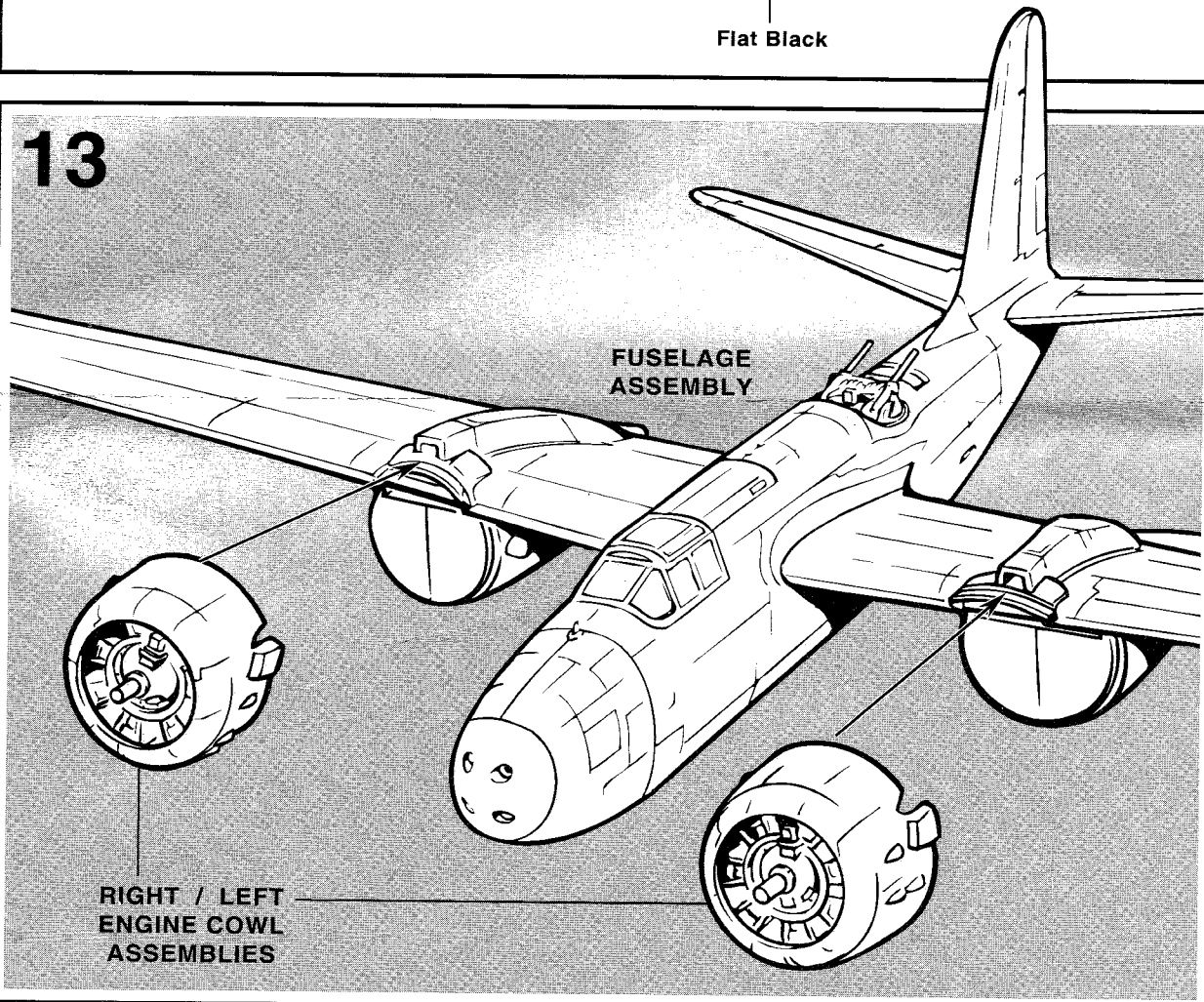


DETAIL

NOTE: Align ENGINES into ENGINE COWLS as shown.

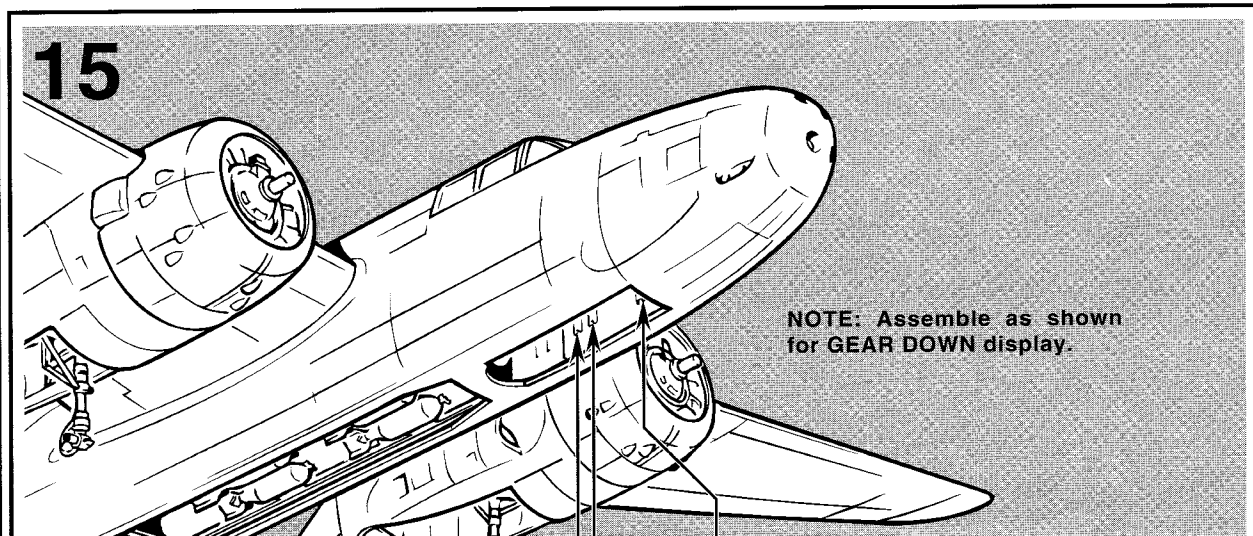
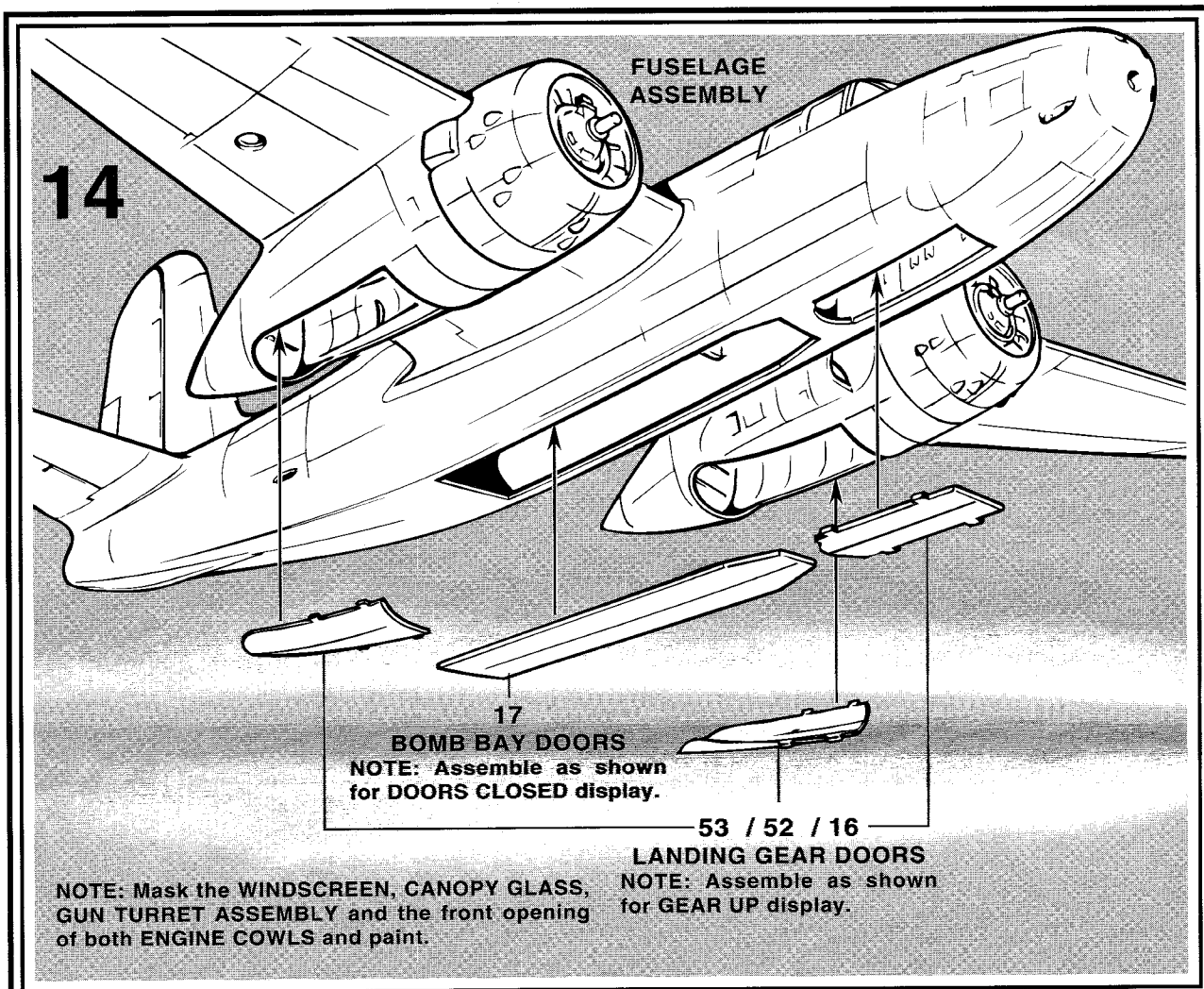


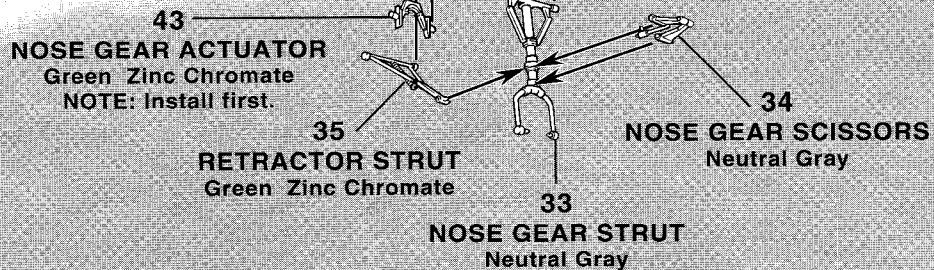
13



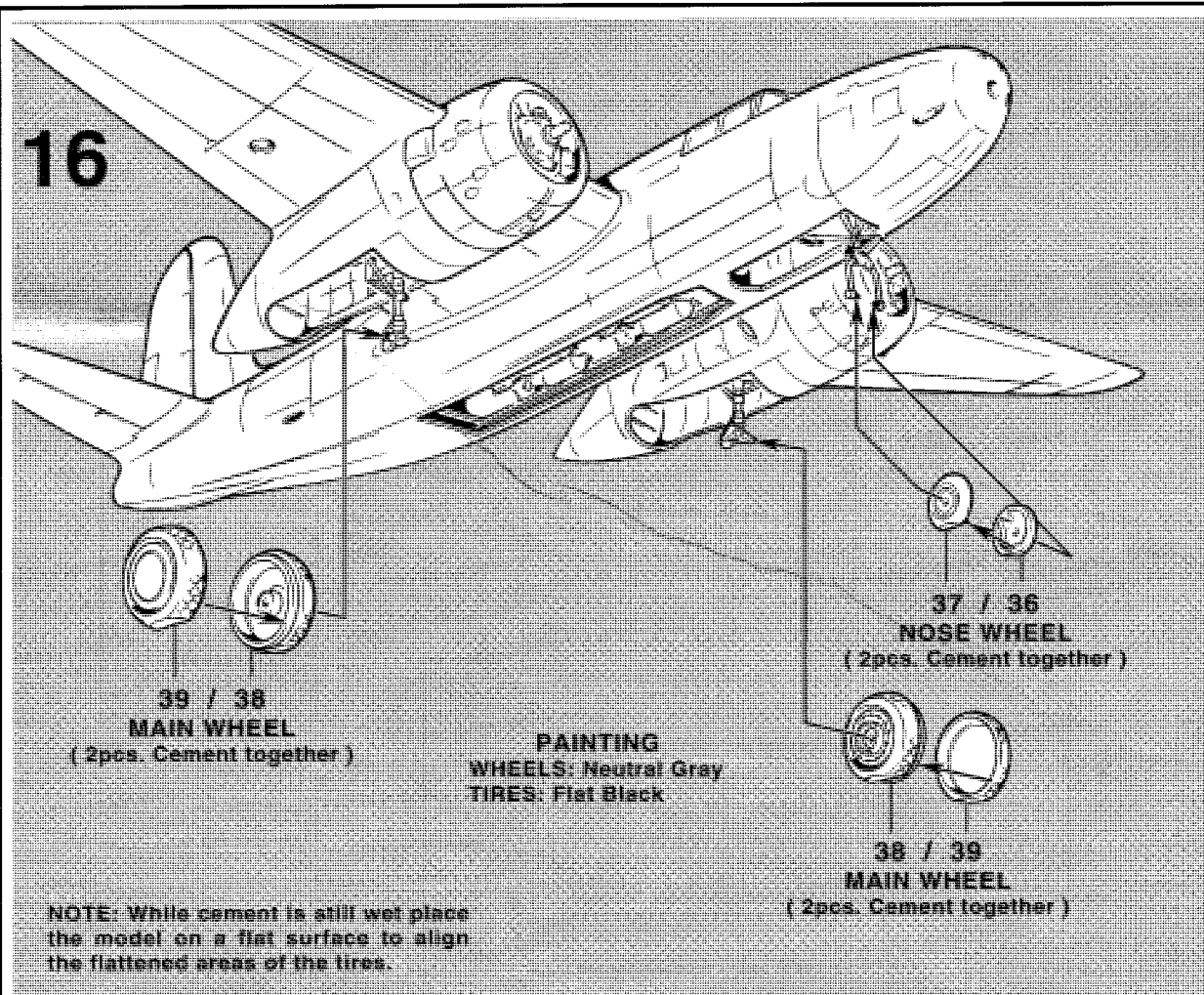
A-20G "HAVOC"

Form No. 099 - 8894

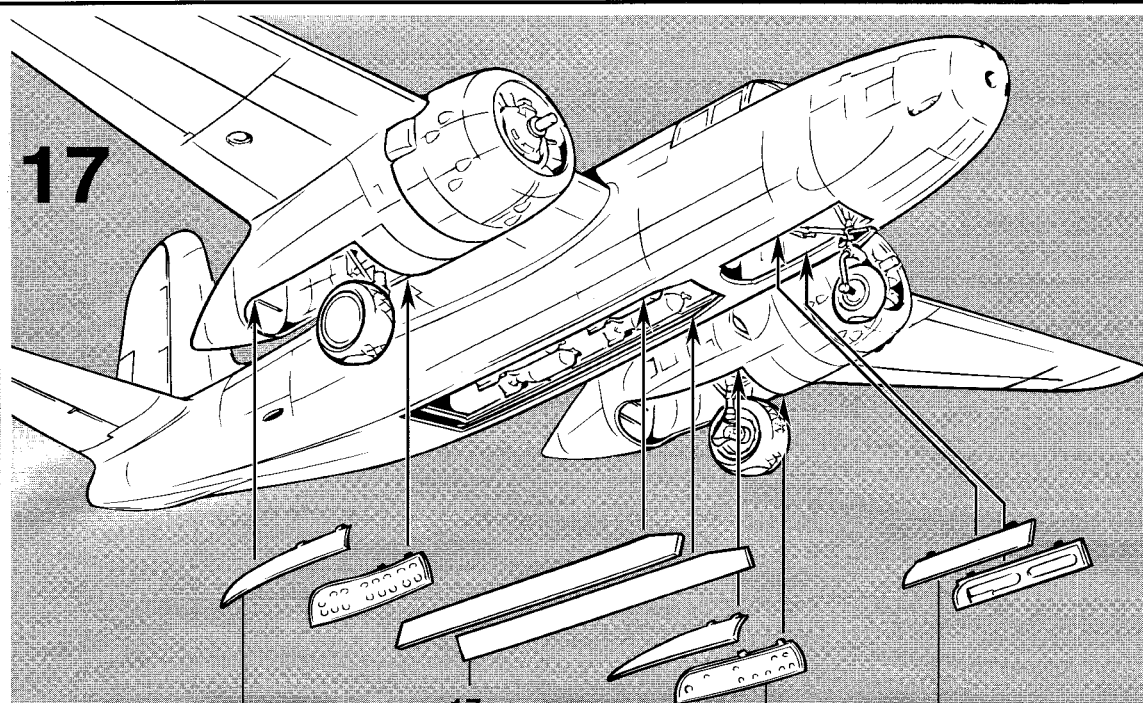




NOTE: Mask the WINDSCREEN, CANOPY GLASS, GUN TURRET ASSEMBLY, BOMB BAY opening, both LANDING GEAR openings and the front opening of both ENGINE COWLS and paint.



17



17

BOMB BAY DOORS

NOTE: Assemble as shown
for DOORS OPEN display.

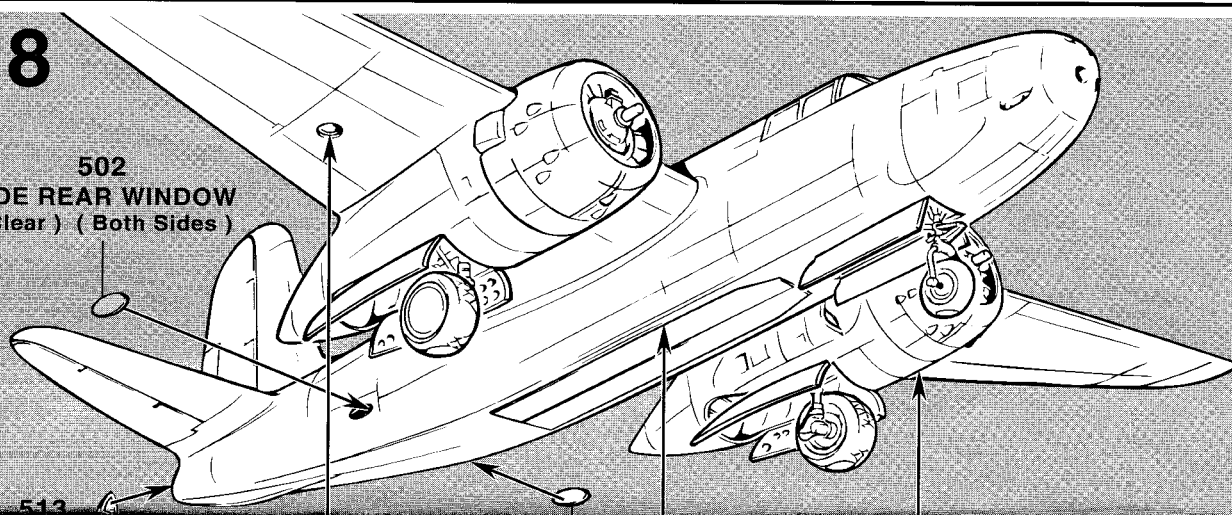
53 / 52 / 16

LANDING GEAR DOORS

NOTE: Assemble as shown
for GEAR DOWN display.

18

502
SIDE REAR WINDOW
(Clear) (Both Sides)



513

WHEEL
(Clear)

503
LANDING LIGHTS
(Clear)

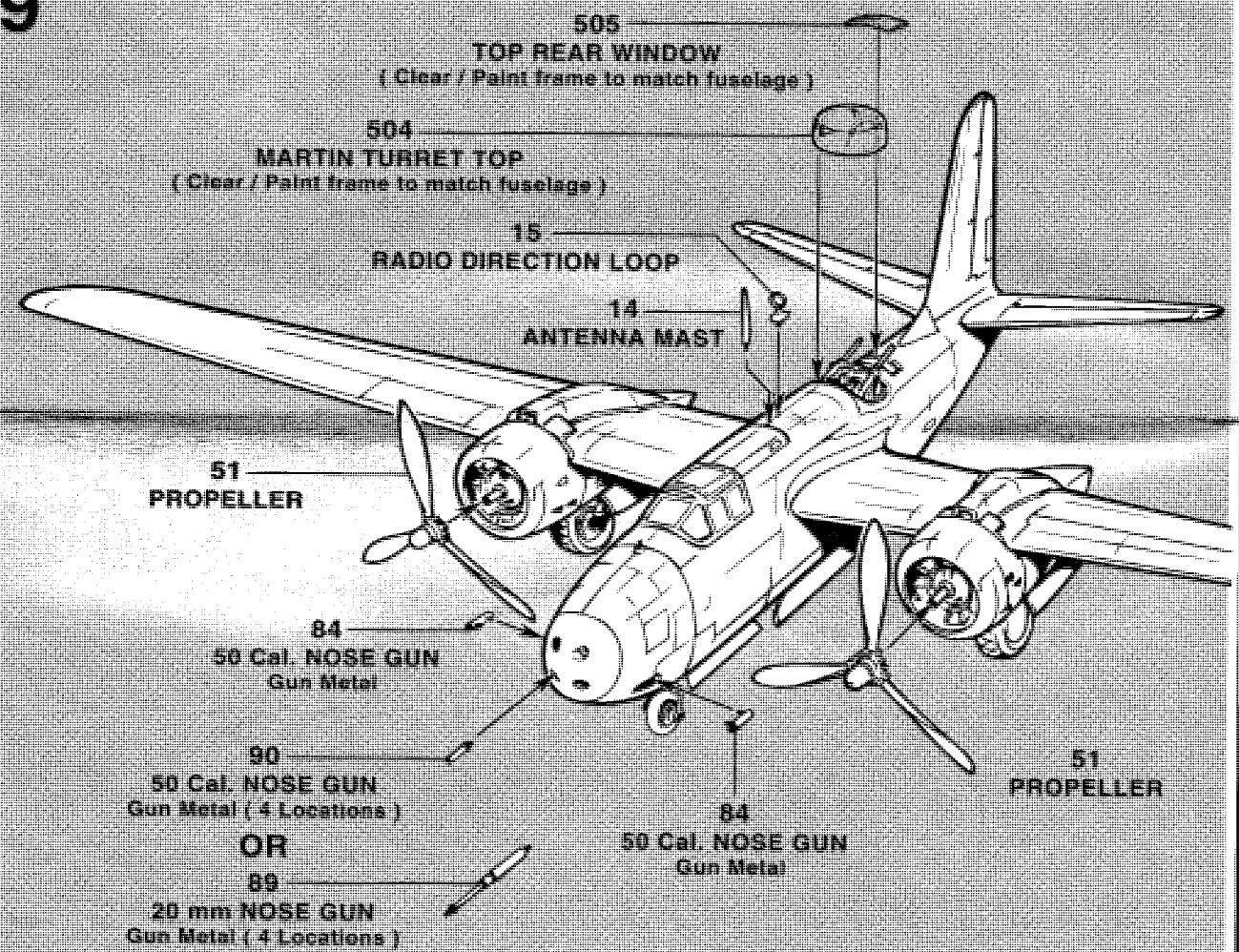
502

54

LONG RANGE
FUEL CELL
TANK: Neutral Gray

503
LANDING LIGHT
(Clear)

19

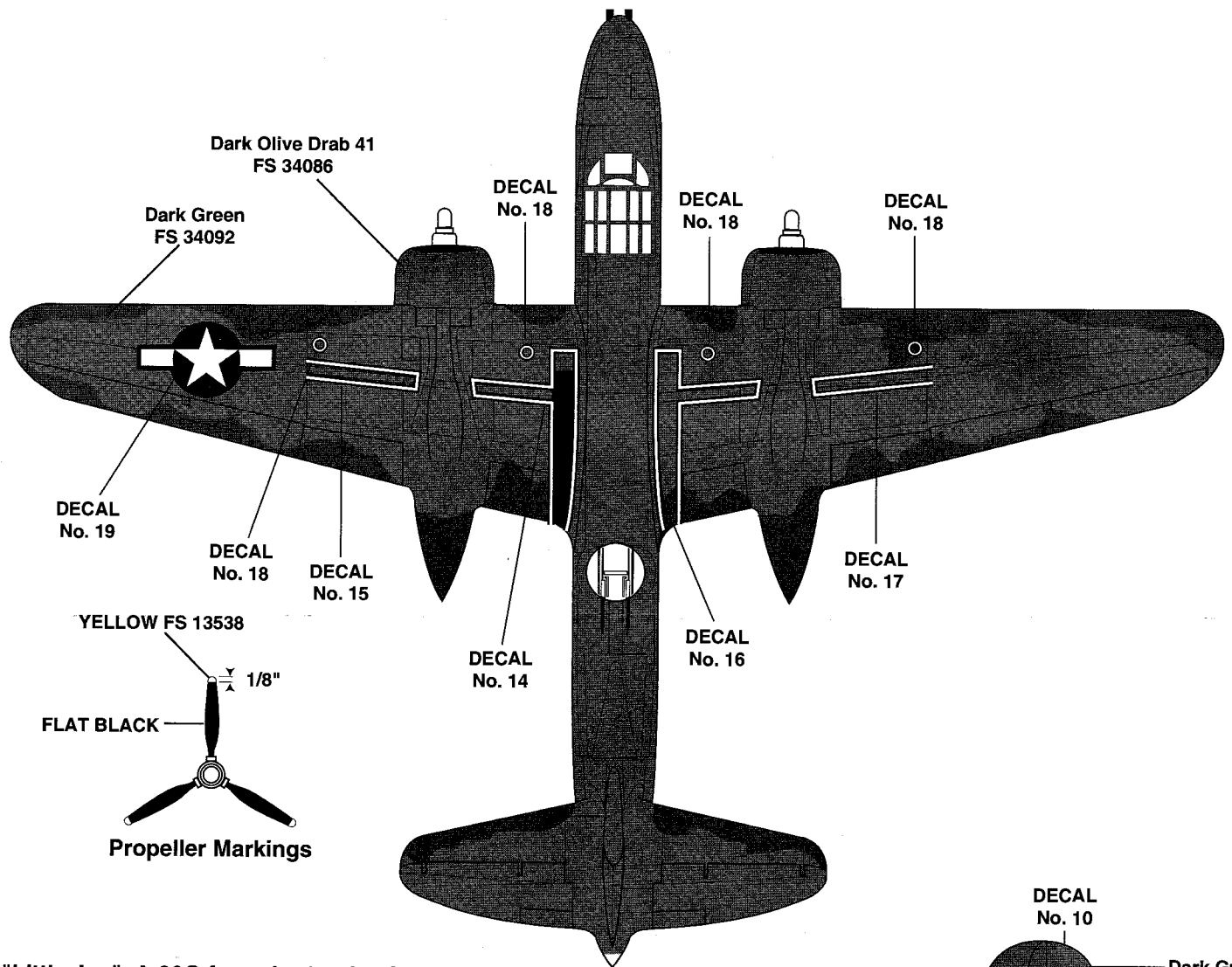


NOTE: 20 mm NOSE GUN used only on very early models. These are not appropriate for the two versions represented on the decal sheet.

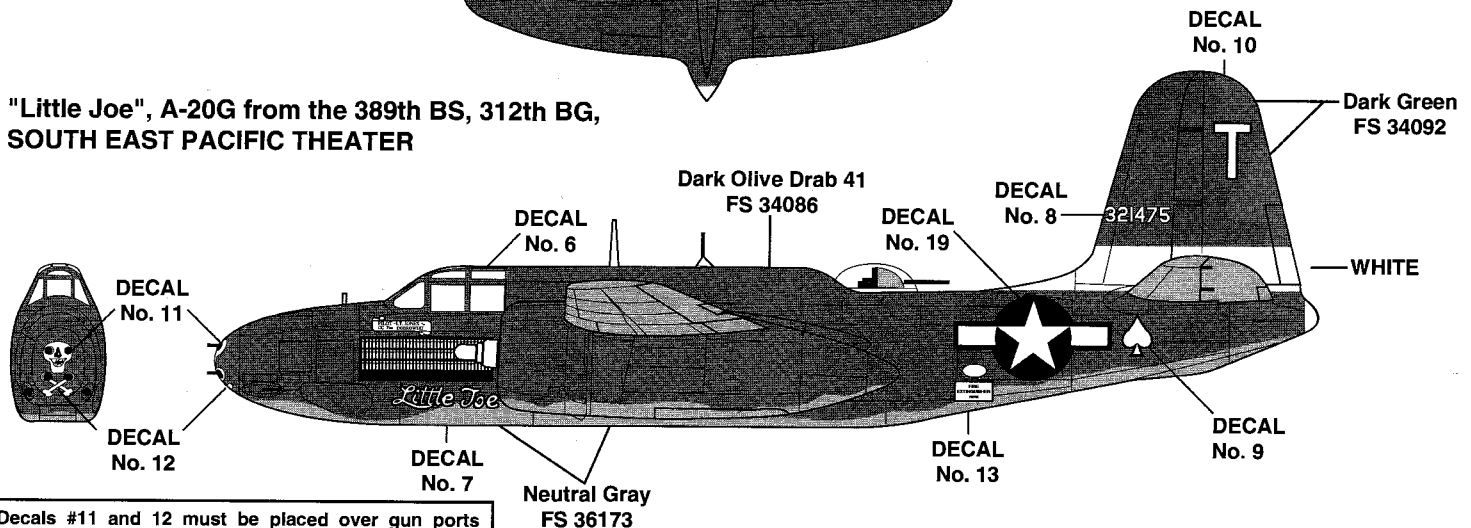
NOTE: Paint parts 14 and 15 to match the aircraft.

PAINTING / DECAL APPLICATION

- Cut the desired decal from the decal sheet.
- Dip decal in warm water to loosen decal from backing paper.
- Place decal in position and slide off backing paper.
- Remove air bubbles by wiping gently with damp cloth.

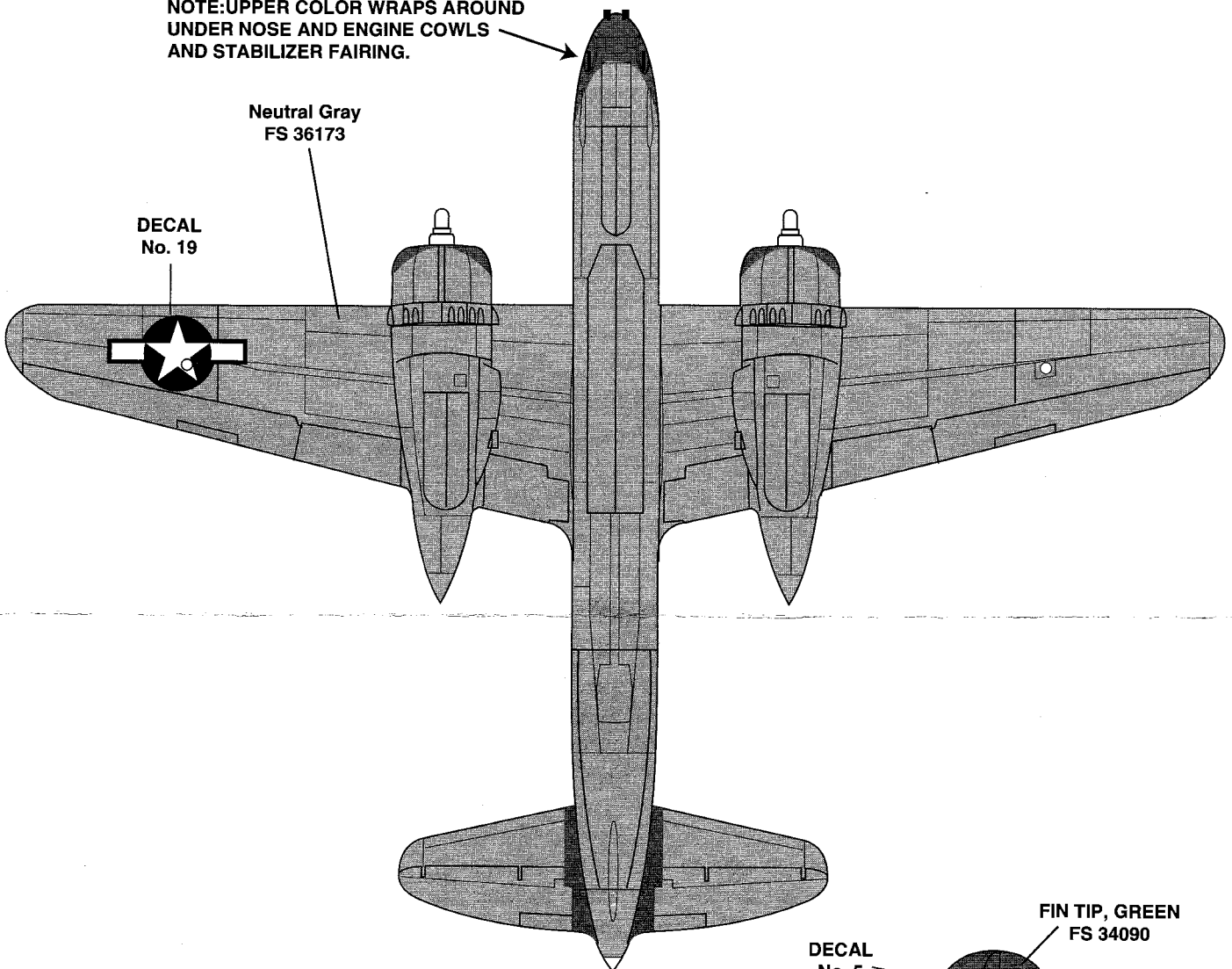


"Little Joe", A-20G from the 389th BS, 312th BG, SOUTH EAST PACIFIC THEATER



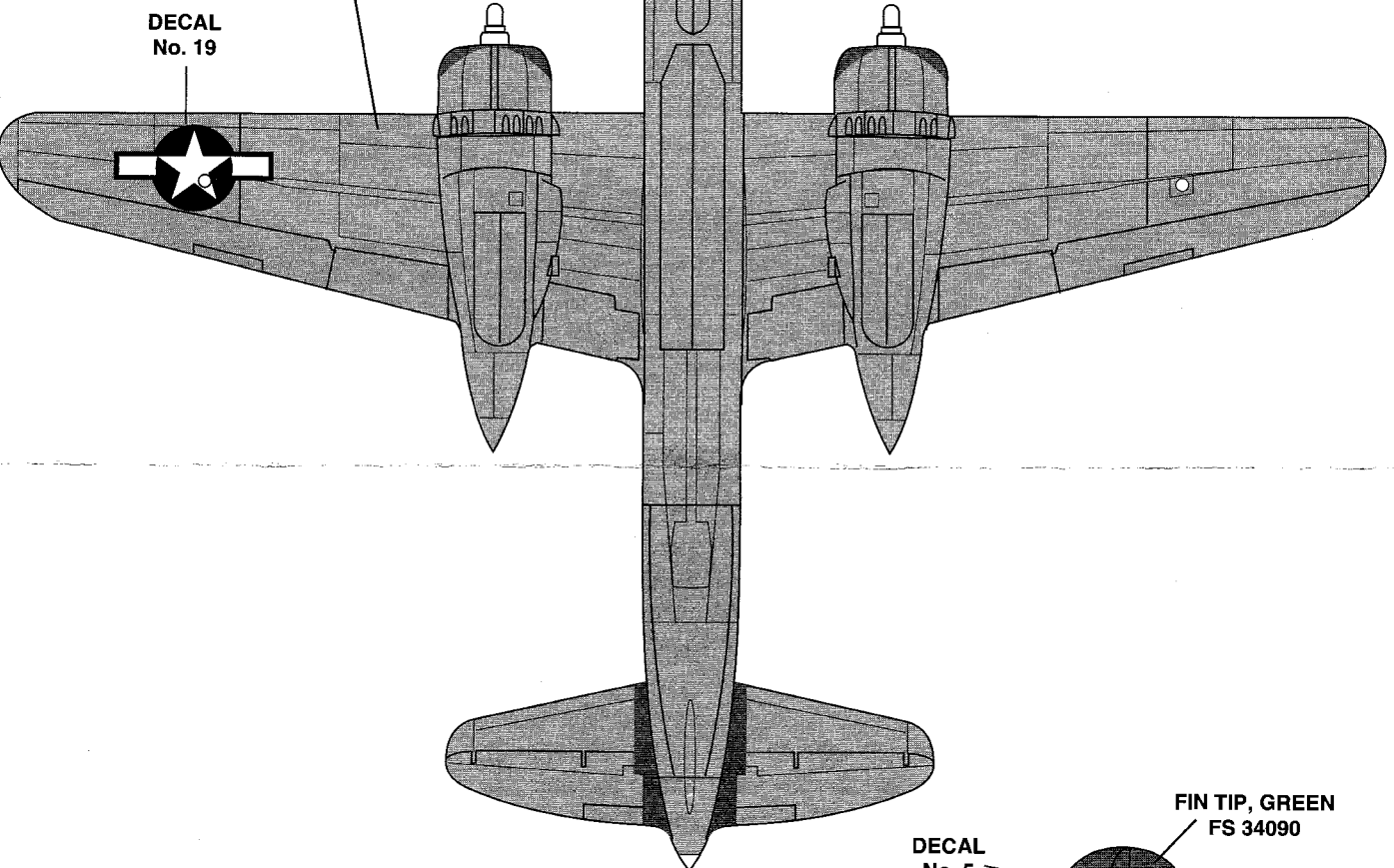
Decals #11 and 12 must be placed over gun ports before the guns are inserted. Locate clear holes over the openings and let dry. When dry carefully remove clear with a sharp knife, then cement guns into place.

NOTE: UPPER COLOR WRAPS AROUND UNDER NOSE AND ENGINE COWLS AND STABILIZER FAIRING.

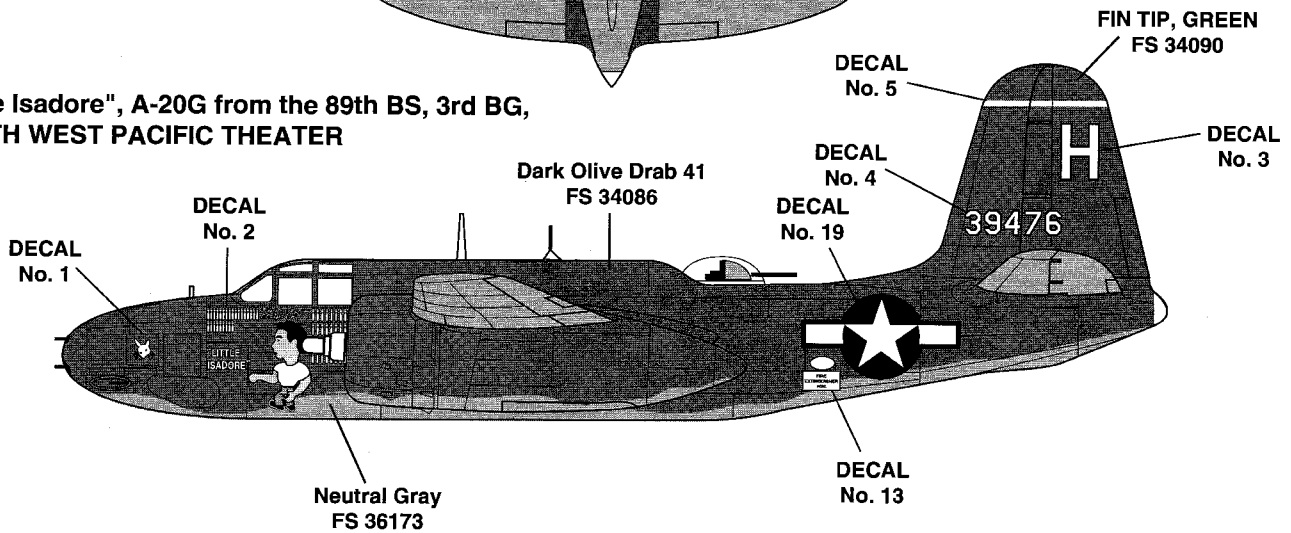


Neutral Gray
FS 36173

DECAL
No. 19



"Little Isadore", A-20G from the 89th BS, 3rd BG,
SOUTH WEST PACIFIC THEATER



FIN TIP, GREEN
FS 34090

DECAL
No. 5

DECAL
No. 3

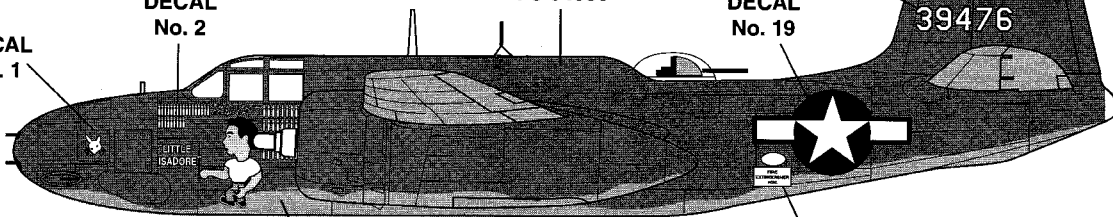
DECAL
No. 4

DECAL
No. 19

Dark Olive Drab 41
FS 34086

DECAL
No. 2

DECAL
No. 1



Neutral Gray
FS 36173

DECAL
No. 13

IMPORTANT

Before you begin to assemble your model kit, study the instructions carefully. This will help you to familiarize yourself with the part locations as you proceed. Prior to cementing parts together, be sure to "TEST FIT" them in order to assure proper alignment and also to check for excess "FLASH" that may occur along parting lines. Use a sharp hobby knife or file to remove flash if necessary.

If you wish to paint your model, various sub-assemblies and components should be painted before any parts are attached. During assembly, you may note that the recommended color is stated after the part name.

This model kit is molded from the finest high-impact styrene plastic. Use only paints and cements which are specifically formulated for styrene. Read all labels and warnings carefully.

Because the cement will only adhere to bare plastic, it is necessary to remove any paint or "plating" from the area to which the cement is to be applied.

BUILDING TIPS FOR THE ADVANCED MODELER

For the best possible finish, your kit should be painted, even if molded in color. Paint should be applied evenly, in several thin coats rather than one heavy coat. The first coat should not completely cover the surface. Each layer should be allowed to thoroughly dry before the next is applied.

It is important to keep your hands clean when working with your model and wash parts thoroughly before painting to remove any mold release agent that may have been used during manufacture, body oil from your hands, sanding residue, and dust, which is naturally attracted to plastic by static electricity. Use a mild solution of dishwashing detergent and water. A tack rag should be used to dry the parts, DO NOT use paper towels or tissues, since they will leave lint on the part.

Parting lines and glue joints should be sanded or filed prior to painting. Because paint has a tendency to draw away from sharp edges, they should be lightly filed. Use filler putty designed for plastic to fill small gaps that may occur between parts and to blend contours. This should be done only after the first, or "primer," coat of paint is applied.

When painting a multi color scheme, the lightest color should be painted first. Use frosted, or "magic," tape to mask off the area you do not want painted. After the second color is dry to the touch, the tape can be removed. Use a very fine brush to touch up edges if necessary. If decals are to be added, do so before adding any gloss coat. A gloss coat will help even out the edges between the two colors as well as set the decals.

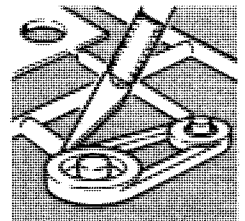
NOTE

NOTE: Federal standard colors The military services use standardized colors, each receiving a specific five digit identification number. Grays, for instance, are all 6000, and gloss paints begin with a 1, semi-gloss 2, flats 3. Thus a gray color can be gloss (16251), semi-gloss (26251) or flat (36251)

RECOMMENDED TOOLS

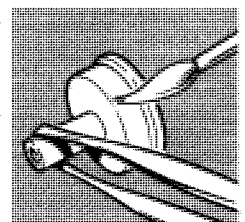
HOBBY KNIFE

Use a sharp hobby knife to remove parts from the trees. The knife may also be used to remove parting lines and flash.



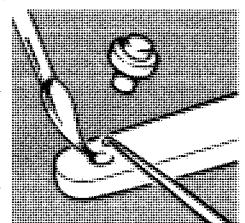
TWEEZERS

Use tweezers to hold small parts during assembly, painting and when applying cement.



BRUSH

We recommend the use of liquid polystyrene cement. Apply with a fine brush. Use sparingly or a sloppy job will result.



READ ALL LABELS AND WARNINGS CAREFULLY

We take great pride in providing the finest model kits available, giving strong attention to detail and craftsmanship. Should you have any difficulty with assembly or missing parts, please call the appropriate number listed below between the hours of 8:00 am to 4:30 pm central time, Monday through Friday.

In the U.S.A. call toll free

800 - 553 - 4886

Outside of the United States call

1 - 319 - 875 - 2000

When in the Midwest, please visit the ERTL Company for a tour of the AMT production facilities, 10am & 1pm weekdays. Reservations suggested.