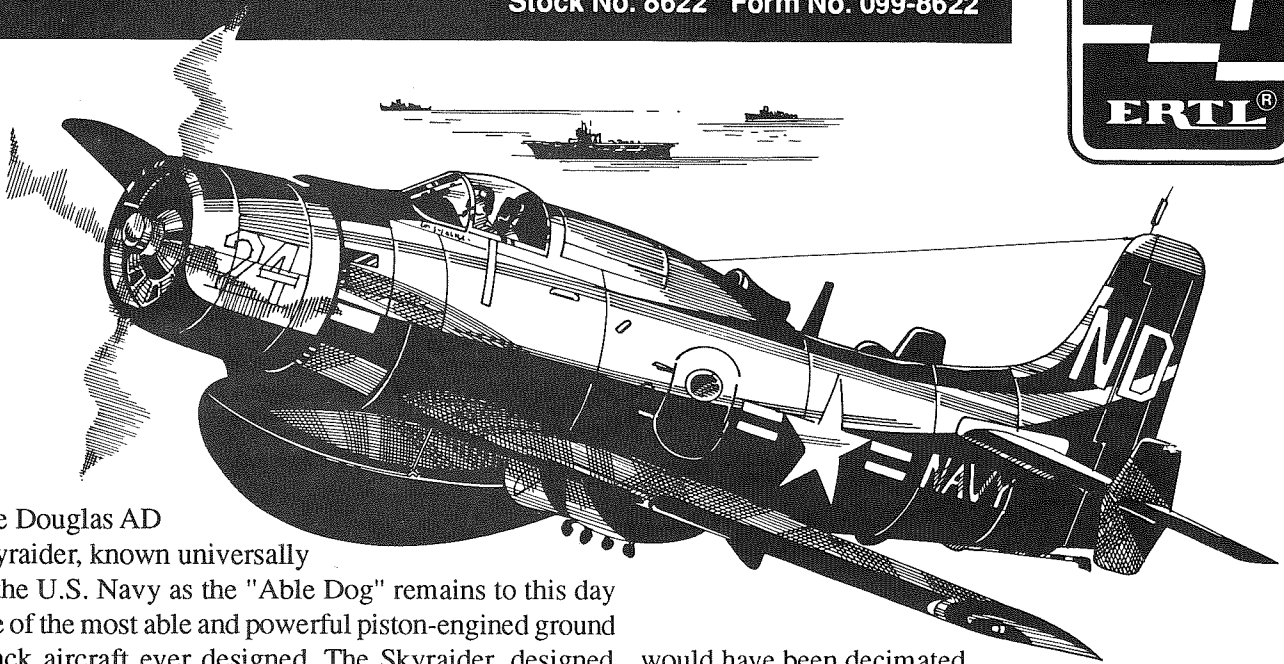
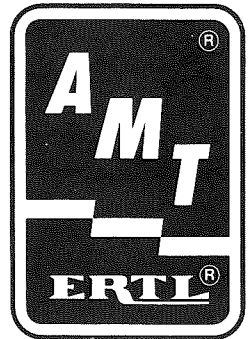


# Douglas AD-4W Skyraider

Stock No. 8622 Form No. 099-8622



The Douglas AD Skyraider, known universally in the U.S. Navy as the "Able Dog" remains to this day one of the most able and powerful piston-engined ground attack aircraft ever designed. The Skyraider, designed by the legendary Ed Heinemann, began its life as a tricycle-landing gear, inverted gull-winged, twin remote turreted (a la A-26) monster called the XSB2D that was to replace the SBD Dauntless. Fortunately, Ed Heinemann was able to convince the Navy that they needed something else — and was ordered to come up with a design concept within 18 hours!!

It was only natural that an airframe as commodious as the Skyraider's, powered by an engine as powerful as the R-3350 would find itself modified into other uses. The AD-4W grew out of American experience in WW2. As the U.S. advance grew closer to the home islands of Japan, resistance, especially that of the dreaded kamikaze, grew more ferocious. Radar picket ships, typically destroyers placed far out from the fleet, were receiving a tremendous pounding with terrible losses. The Navy needed a means to elevate a search radar to increase its line-of-sight detecting ability, while able to remain closer to the fleet for safety purposes. Originally, the C-54 transport was considered, but being unarmed

would have been decimated.

Finally, modified B-17G's were used, but entered service too late. Still, the Navy needed something carrier-based to do the job. The TBF Avenger was first used, but it was replaced by the Skyraider mounting the characteristic big fuselage bulge carrying the APS-20 search radar, with two additional crewmen within the fuselage operating equipment.

The "Guppy", as radar-equipped aircraft came to be known, was a very effective aircraft, and was used by Great Britain as well.

Your AMT kit represents three users of this classic aircraft, VMC-1 of the U.S. Marines, VC-11 of the U.S. Navy and a British Royal Navy version.

## Specifications:

Top Speed: 270 knots

Range: 1,110 nautical miles

Engine: Wright R-3350-25W, 3020 horsepower

Wingspan: 50 feet Length: 38 feet 10 inches

# 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. Also, each coat should be "wet sanded", except for the final coat, using No.1200 wet or dry sandpaper which is slightly damp. Be careful not to remove any detail while sanding.

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.

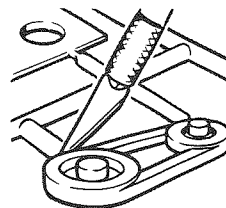
Parting lines and glue joints should be sanded or filed prior to painting and cementing. Because paint has a tendency to draw away from sharp edges, they should be lightly filed. Use filler putty designed for plastic to fill small gaps that may occur between parts and to blend contours. This should be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

When painting a two-tone body, 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.

## RECOMMENDED TOOLS

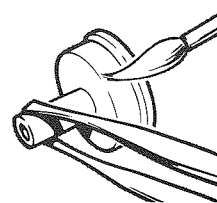
### HOBBY KNIFE

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



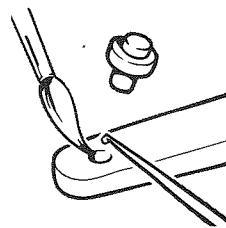
### TWEEZERS

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

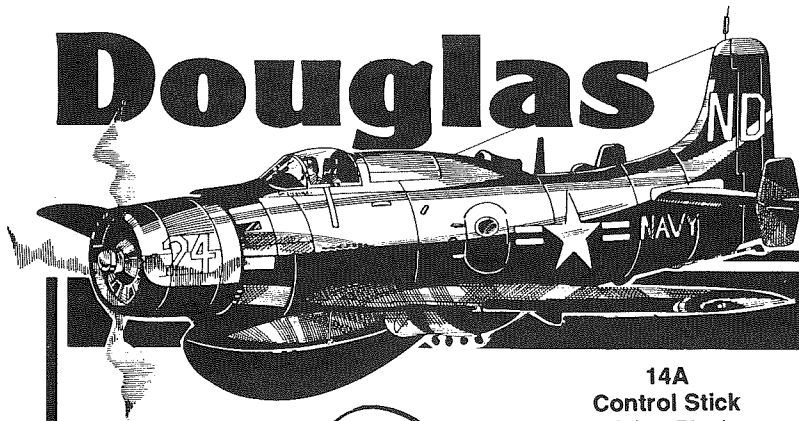
800 - 553 - 4886

Outside of the United States call

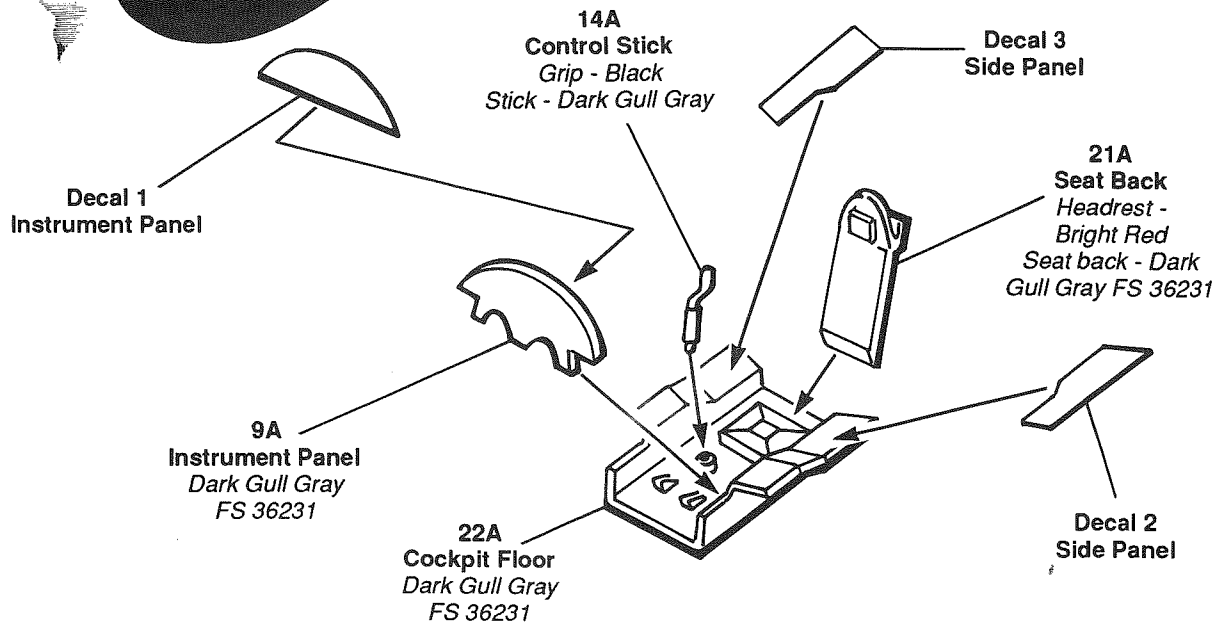
1 - 319 - 875 - 2000

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

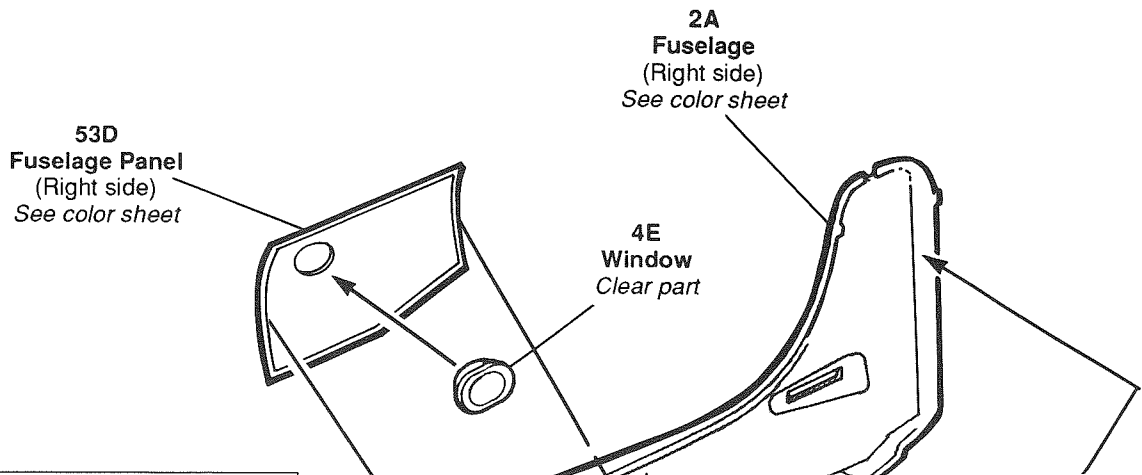
# Douglas AD-4W Skyraider



## 1 Cockpit Assembly



## 2 Fuselage Assembly



**NOTE:** Paint inside of fuselage halves in the cockpit area Dark Gull Gray FS 36231

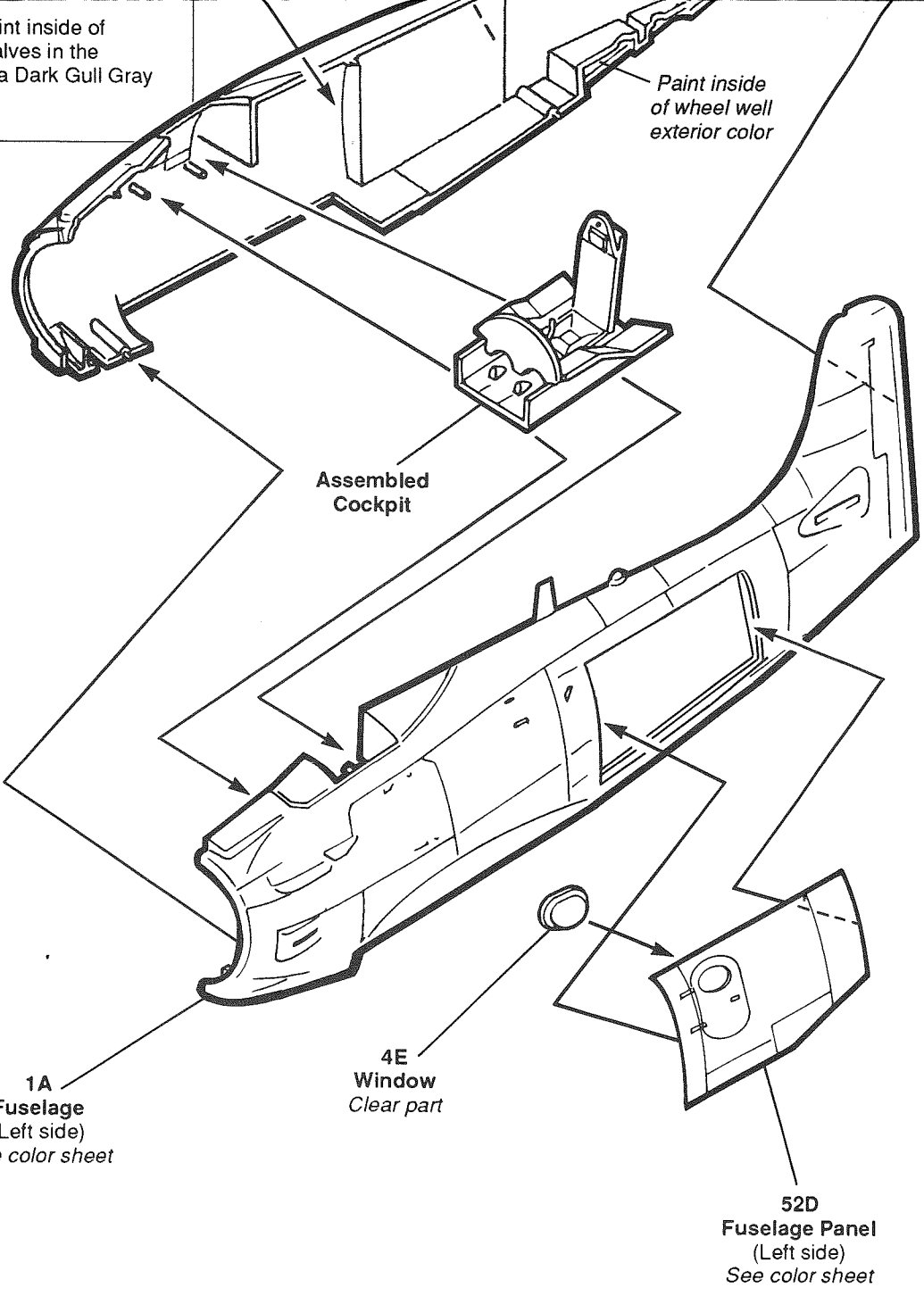
Paint inside of wheel well exterior color

Assembled Cockpit

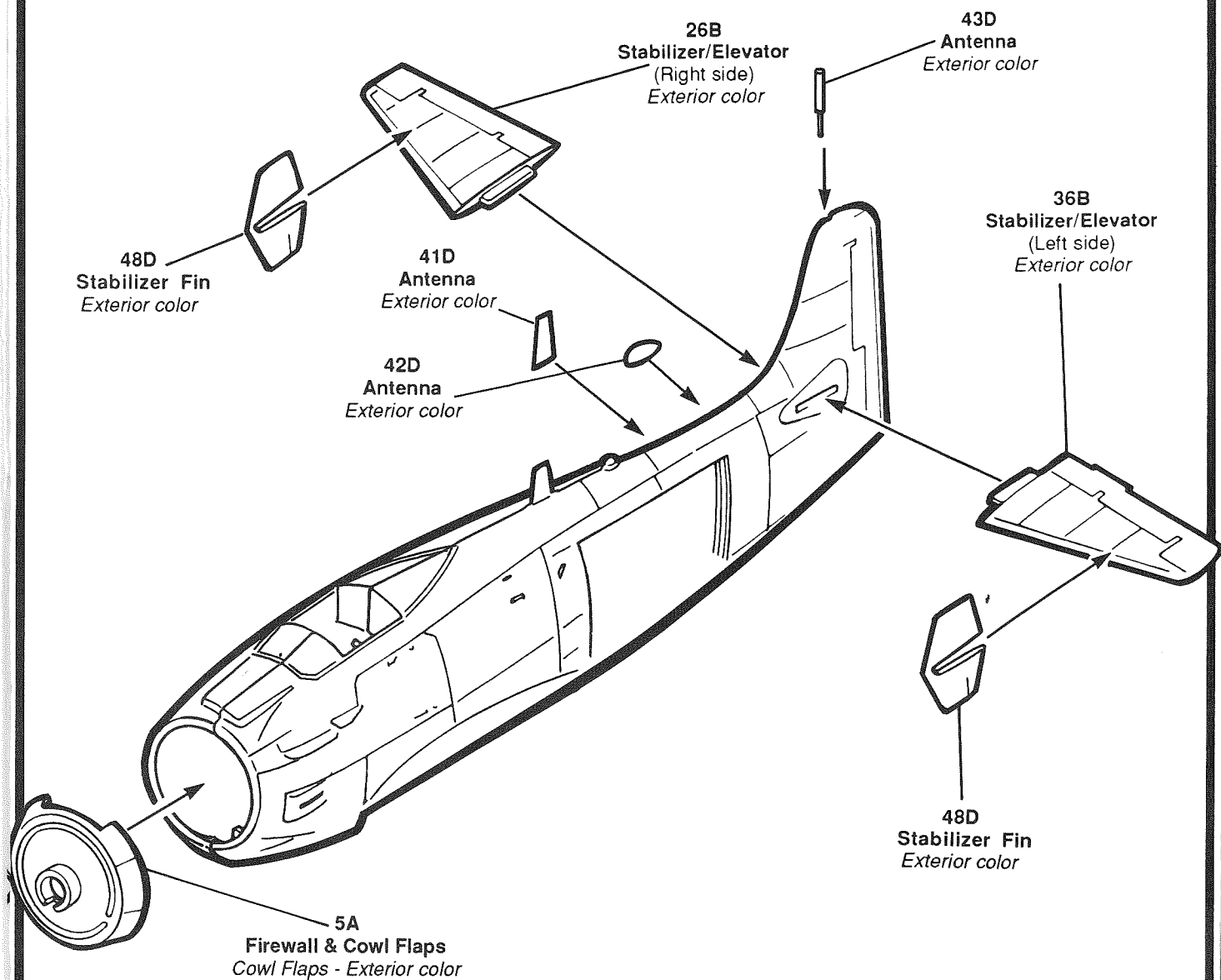
**1A**  
Fuselage  
(Left side)  
*See color sheet*

**4E**  
Window  
Clear part

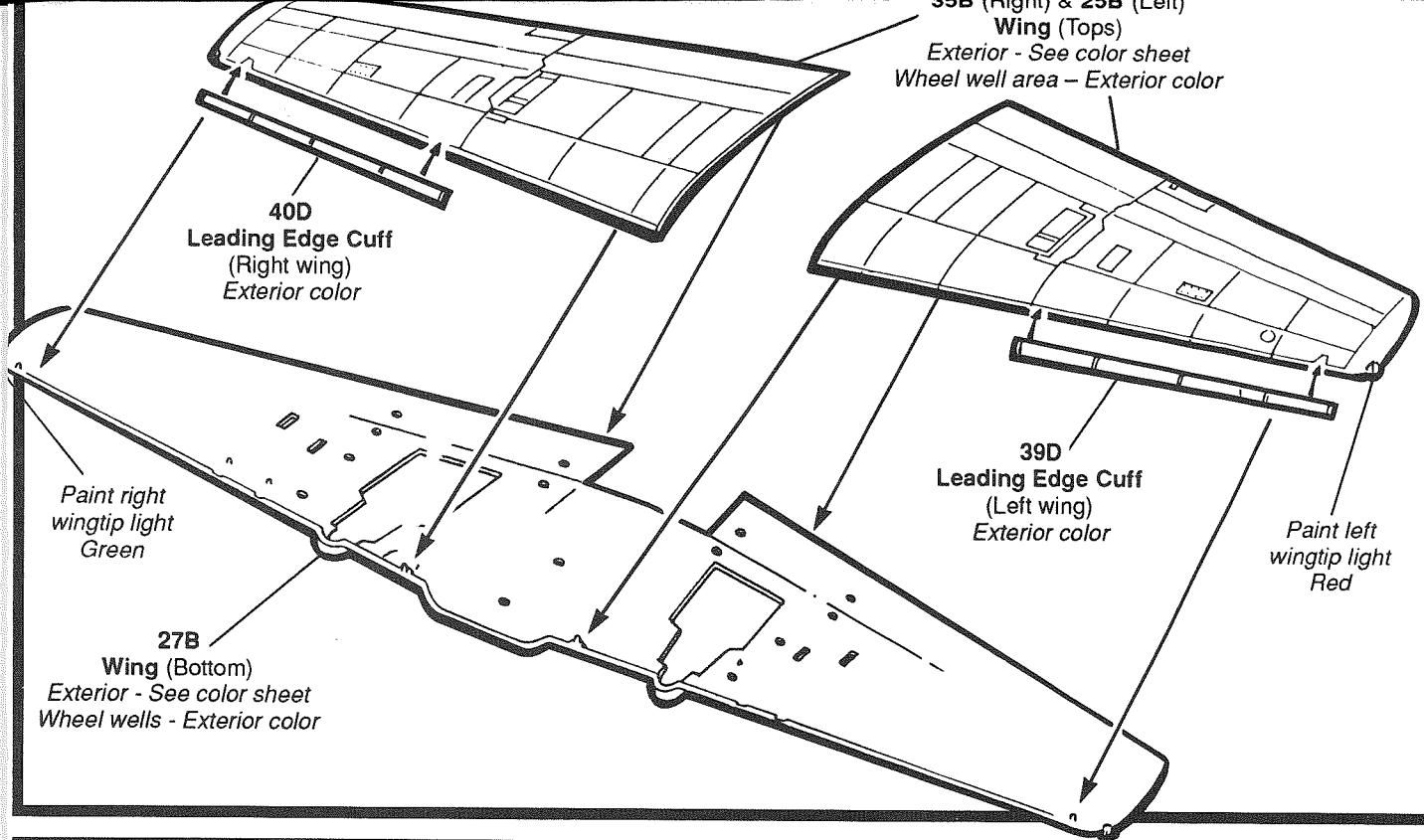
**52D**  
Fuselage Panel  
(Left side)  
*See color sheet*



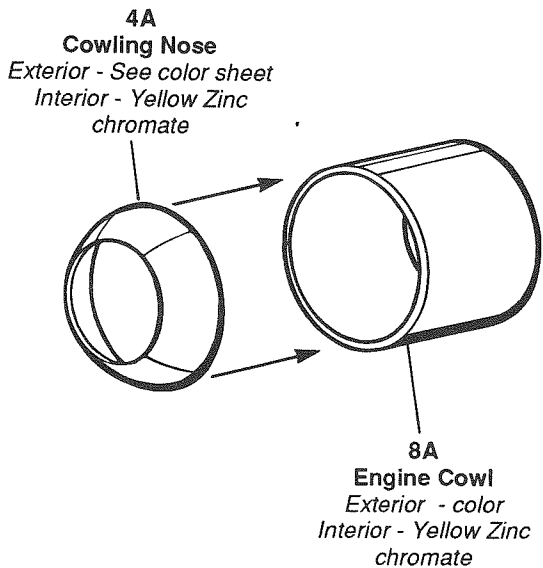
### 3 Empennage Assembly



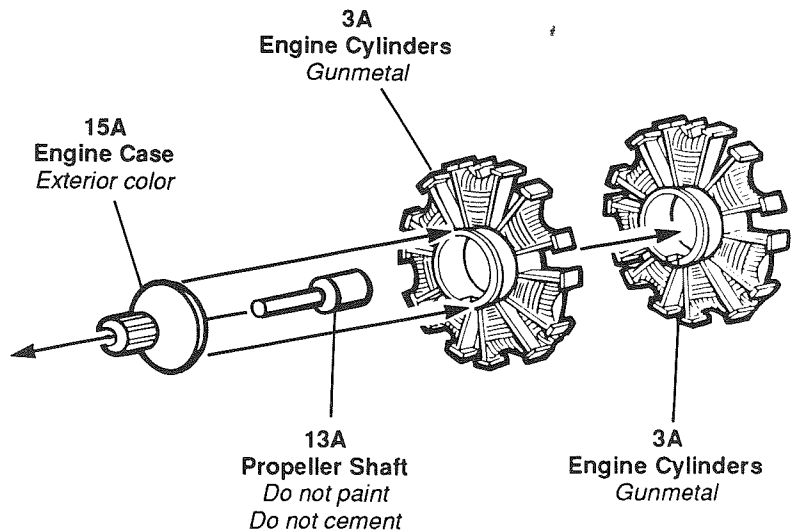
### 4 Wing Assembly



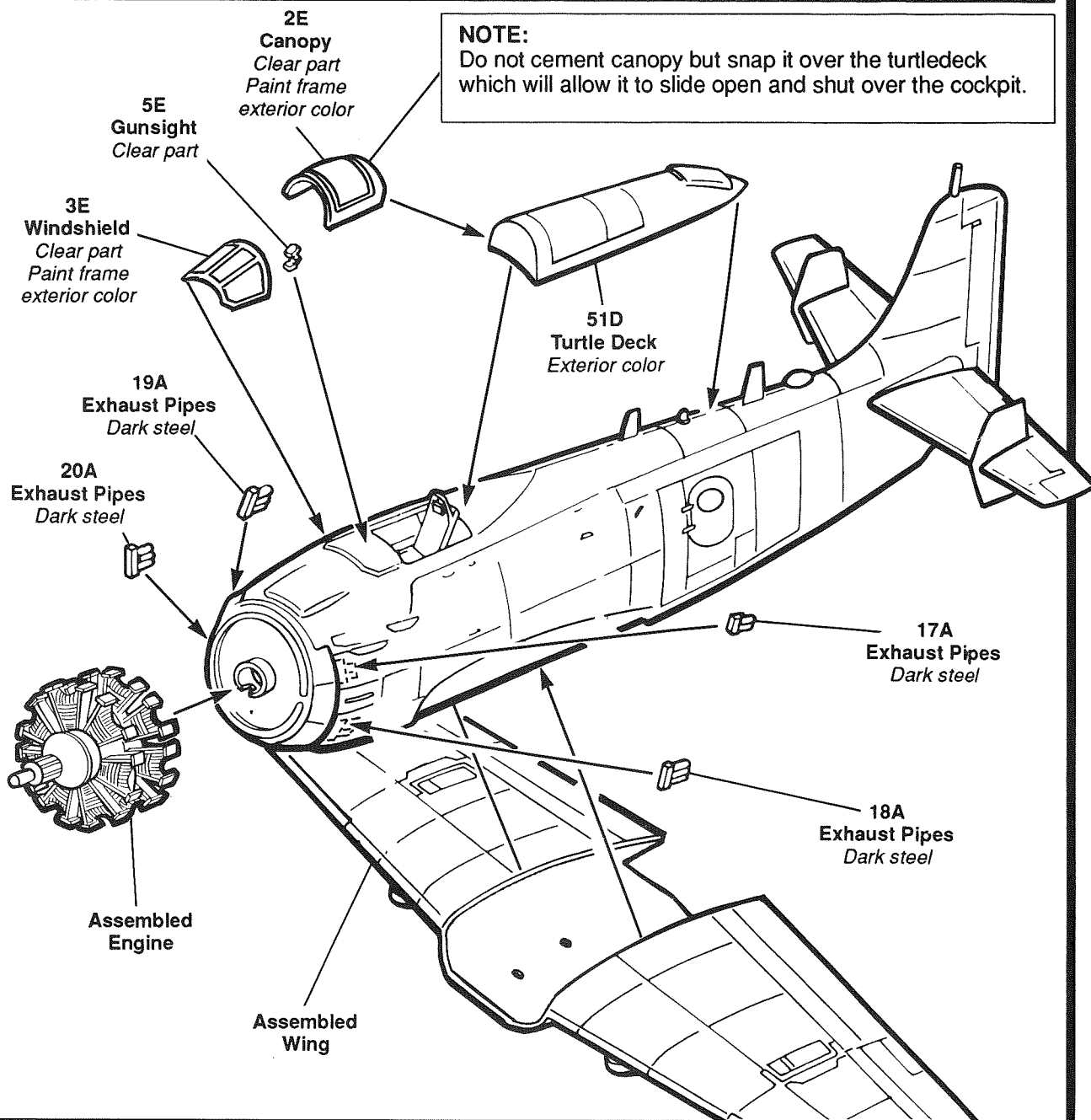
## 5 Cowl Assembly



## Engine Assembly



## 6 Engine, Wing, Installation



## 7 Radome, Prop & Cowling Installation

**37D**  
Search Radar Radome  
(Left half)  
*Exterior color*

**38D**  
Search Radar Radome  
(Right half)  
*Exterior color*

**33B**  
Outboard Aileron Hinge  
*Exterior color*

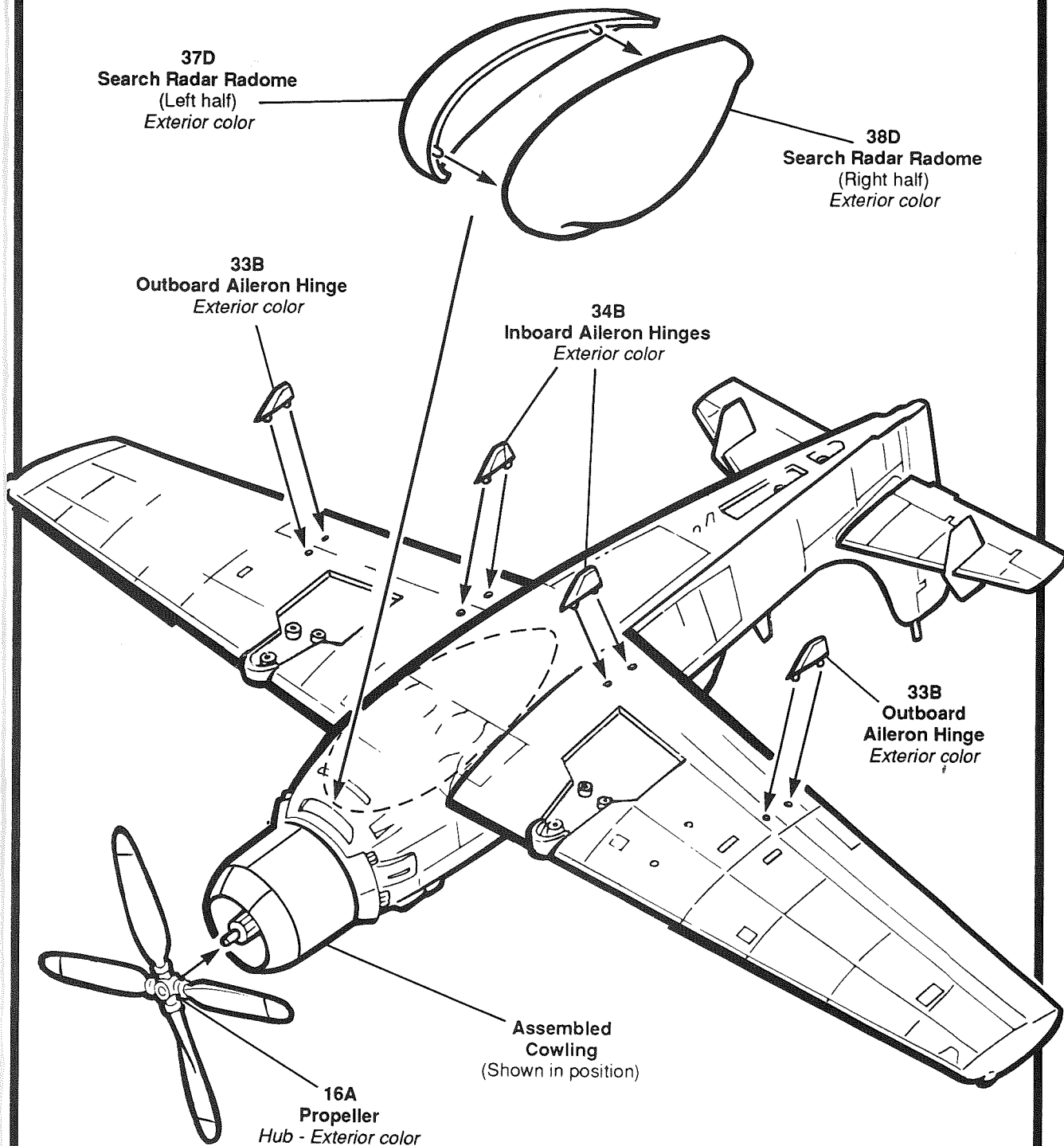
**34B**  
Inboard Aileron Hinges  
*Exterior color*

**33B**  
Outboard  
Aileron Hinge  
*Exterior color*

**Assembled  
Cowling**  
(Shown in position)

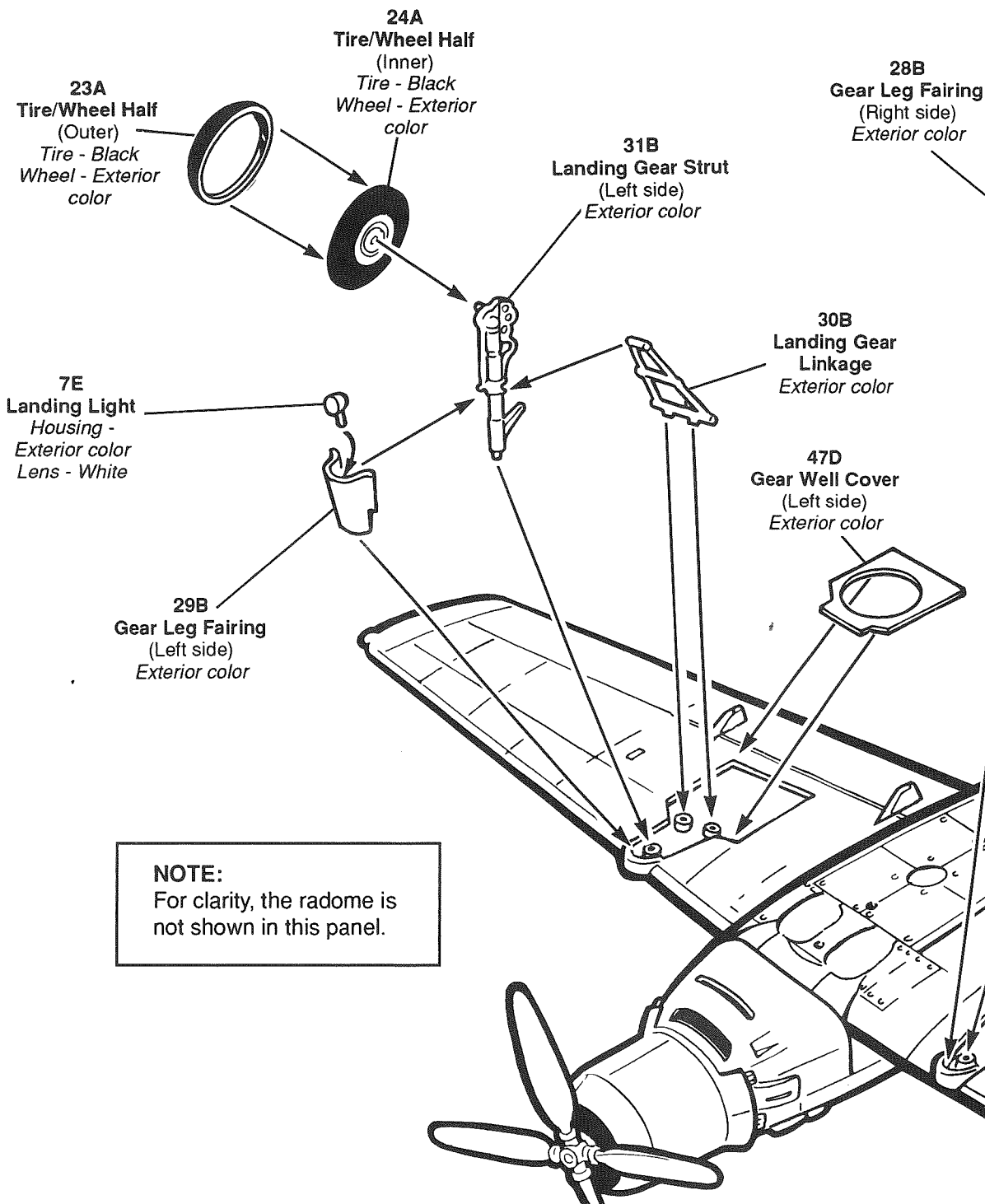
**16A**  
Propeller  
Hub - *Exterior color*  
Blades - *Black*  
Blade tips - *Yellow*

Form No. 099-8622





## 8 Landing Gear Installation



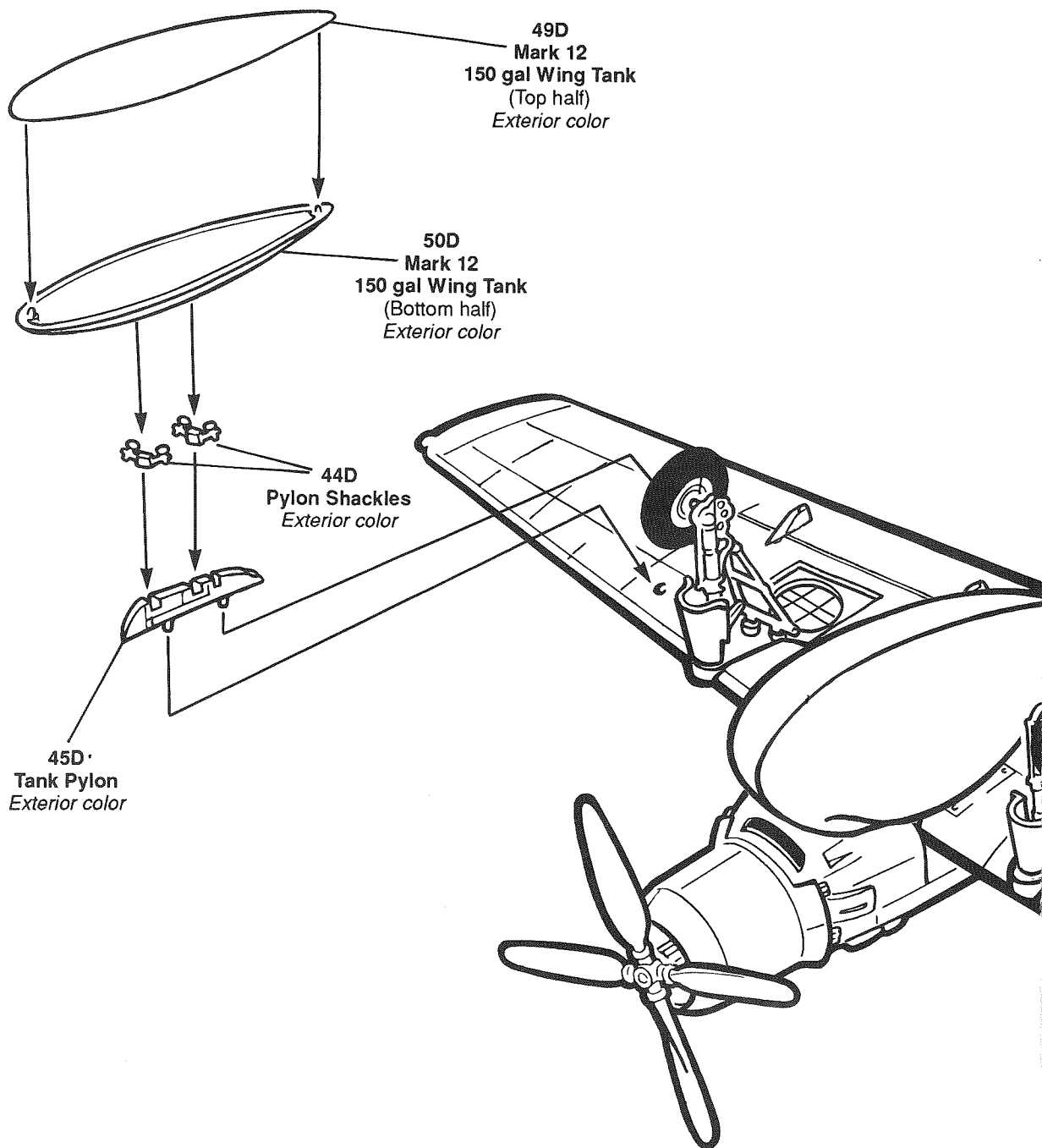
## 9 Armament Installation

49D  
Mark 12  
150 gal Wing Tank  
(Top half)  
*Exterior color*

50D  
Mark 12  
150 gal Wing Tank  
(Bottom half)  
*Exterior color*

44D  
Pylon Shackles  
*Exterior color*

45D  
Tank Pylon  
*Exterior color*



**7E**  
Landing Light  
Housing -  
Exterior color  
Lens - White

**32B**  
Landing Gear Strut  
(Left side)  
Exterior color

**30B**  
Landing Gear  
Linkage  
Exterior color

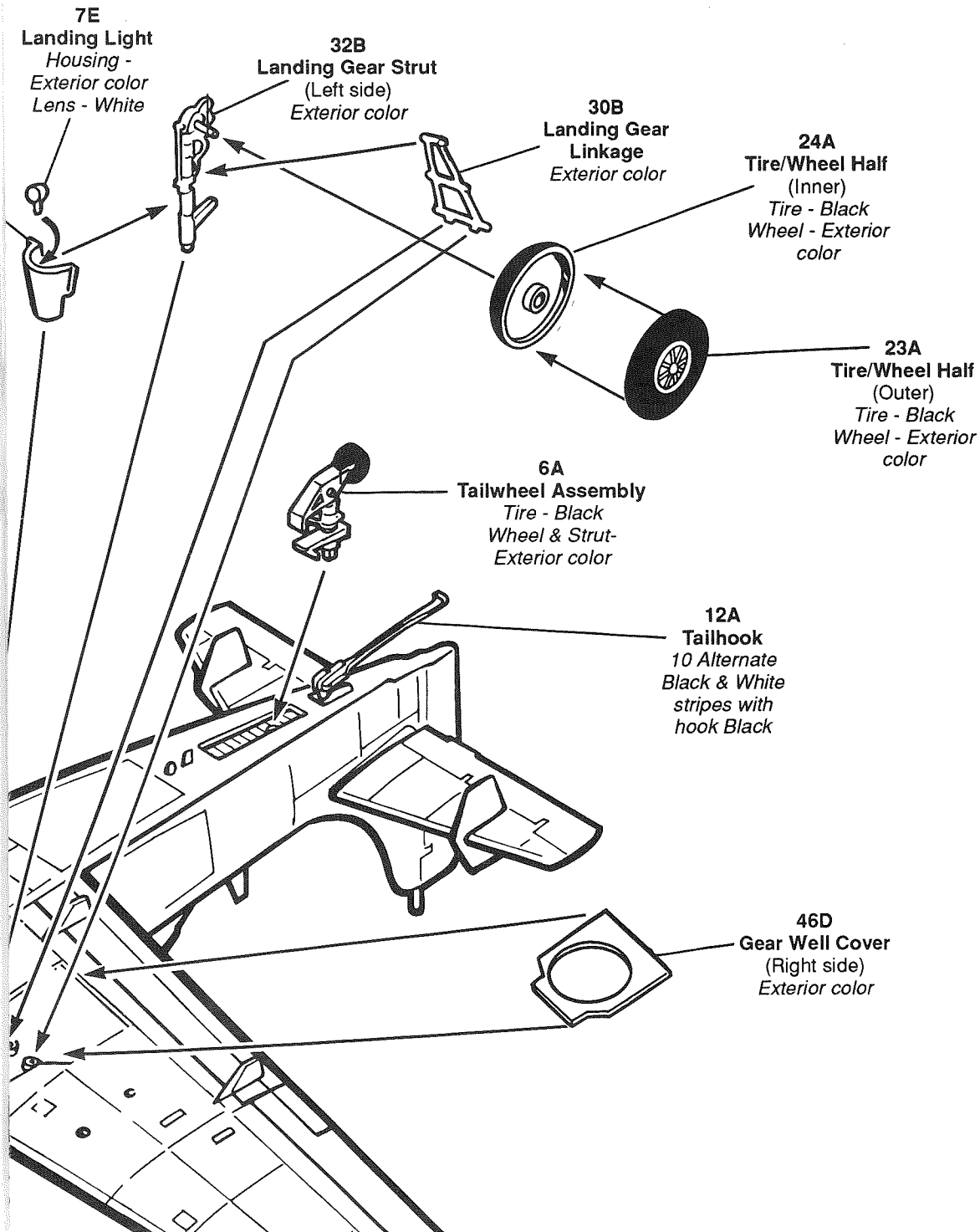
**24A**  
Tire/Wheel Half  
(Inner)  
Tire - Black  
Wheel - Exterior  
color

**23A**  
Tire/Wheel Half  
(Outer)  
Tire - Black  
Wheel - Exterior  
color

**6A**  
Tailwheel Assembly  
Tire - Black  
Wheel & Strut -  
Exterior color

**12A**  
Tailhook  
10 Alternate  
Black & White  
stripes with  
hook Black

**46D**  
Gear Well Cover  
(Right side)  
Exterior color



**11A**  
**Mounting Steps**  
*Exterior color*

**49D**  
**Mark 12**  
**150 gal Wing Tank**  
(Top half)  
*Exterior color*

**50D**  
**Mark 12**  
**150 gal Wing Tank**  
(Bottom half)  
*Exterior color*

**44D**  
**Pylon Shackles**  
*Exterior color*

**45D**  
**Tank Pylon**  
*Exterior color*

