

F6F-5 HELLCAT

Until the arrival of the Hellcat in the Pacific the Mitsubishi Zero-Sen enjoyed a definite advantage over the U.S. carrier based fighters. The Hellcat made its appearance late in the summer of 1943 and almost overnight the situation changed. By 1944 the Hellcat was the mainstay of the U.S. carrier force. Eventually the carrier based Hellcats were to be credited with 4,947 of the 6,477 enemy planes claimed to have been destroyed in the air by carrier pilots.

The Hellcat had its beginning when the U.S. Navy requested that the Grumman Aircraft Engineering Corporation improve the Grumman Wildcat. The designers found the changes to be so many that they designed an entirely new plane. The first XF6F-1 was flown on June 26, 1942 and it was designed to use a more powerful engine. This newer model was the XF6F-3. Production of the Hellcat had been ordered in May of 1942 and by October 4, 1942 the first F6F-3 was flying. The Hellcat was flown into combat for the first time on August 31, 1943 by fighter squadron VF-5 from the deck of the USS Yorktown for a strike on Marcus Island.

The F6F-5 from which Monogram developed its model was first flown on April 4, 1944. This newer Hellcat differed from the F6F-3 because of a number of changes. Some of which were, improved windshield, new ailerons and additional armor behind the pilot. This increased the total weight of armor from 212 to 242 lbs. The power of the F6F-5 is supplied by a Pratt and Whitney 2000 hp aircooled engine with a water injection system that gave emergency power of 2200 hp. The propeller is a three bladed Hamilton Standard. The Hellcat's wing span is 42 ft. 10 in. and its length is 33 ft. 6 1/2 in.

Like any good fighter, the Hellcat had several kinds of "Sunday Punches" it could throw. They consist six .50 cal. machine guns, two 1000 lb. bombs or one 2150 lb. torpedo or six 5 in. high velocity aerial rockets. The large belly tank slung beneath the fuselage, as depicted on your Monogram model, was used to extend the range of the Hellcat. Capacity of the tank was 150 gallons. Acknowledgement is made for assistance in developing an authentic Hellcat model to: The Marine Corps Museum, Navy Bureau of Aeronautics, and the Smithsonian Institution.



* REPEAT SEVERAL TIMES
* A REPETER PLUSIEURS FOIS



* OPTIONAL PARTS
* PIECES EN OPTION



* DECAL
* DECAL COMANIE



* ALTERNATIVE ASSEMBLY
* ENSEMBLAGE ALTERNATIVE



* CEMENT TOGETHER
* A COLLER



* REMOVE AND THROW AWAY
* A RETIRER ET JETER



* DO NOT CEMENT
* NE PAS COLLER

READ THIS BEFORE YOU BEGIN

- * Study the assembly drawings.
- * Each plastic part is identified by a number.
- * In the assembly drawings, some parts will be marked by a star (★) to indicate chrome plated plastic.
- * For better paint and decal adhesion, wash the plastic parts in a mild detergent solution. Rinse and let air dry.
- * Check the fit of each piece before cementing in place.
- * Use only cement for polystyrene plastic.
- * Scrape plating and paint from areas to be cemented.
- * Allow paint to dry thoroughly before handling parts.
- * Any unused parts may be discarded.

DECAL APPLICATION INSTRUCTIONS

(If applicable)

1. Cut desired decal from sheet.
2. Dip decal in water for a few seconds.
3. Place wet decal on paper towel.
4. Wait until decal is movable on paper backing.
5. Place decal in position on model, face up and slide backing away.
6. Press out air bubbles with a soft damp cloth.
7. Milkiness that may appear is for better decal adhesion and will dry clear. Wipe away any excess adhesive.
8. Do not touch decal until fully dry.
9. Allow the decals 48 hours to dry before applying clear coat.

LIRE CE QUI SUIT AVANT DE COMMENCER

- * Etudier les schémas de montage.
- * Chaque pièce en plastique est identifiée par un numéro.
- * Sur les schémas de montage, certaines pièces sont marquées d'une étoile (★) pour indiquer qu'elles sont en plastique chromé.
- * Pour une meilleure prise de la peinture et des autocollants, laver les pièces en plastique avec une solution détergente peu concentrée. Les rincer et les laisser sécher à l'air.
- * Vérifier que chaque pièce s'ajuste bien avant de la coller en place.
- * N'utiliser que de la colle pour polystyrène.
- * Gratter les parties à coller pour enlever le chrome et la peinture.
- * Laisser la peinture bien sécher avant de manipuler les pièces.
- * Toute pièce inutilisée peut être jetée.

DIRECTIVES D'APPLICATION DES AUTOCOLLANTS

1. Découper l'autocollant désiré de la feuille.
2. Tremper l'autocollant dans de l'eau pendant quelques secondes.
3. Placer l'autocollant mouillé sur une serviette en papier.
4. Attendez que l'autocollant puisse être déplacé sur son support en papier.
5. Mettre l'autocollant en position sur le modèle face sur le dessus et faire glisser le support pour l'enlever.
6. Appuyer avec un chiffon doux humide pour éliminer les bulles d'air.
7. La substance laiteuse qui peut apparaître est destinée à améliorer l'adhésion de l'autocollant et devient incolore au séchage. Essuyer pour enlever tout excédent d'adhésif.
8. Ne pas toucher l'autocollant tant qu'il n'est pas bien sec.
9. Laisser l'autocollant sécher pendant 48 heures avant d'appliquer une couche transparente.

This paint guide is provided to complete this kit as shown on the box.

Ce guide de peinture est fourni pour reproduire le modèle réduit qui apparaît sur la boîte.

Flat Black	Noir mat
White	Blanc
Yellow	Jaune
Flesh	Chair
Interior Green	Vert intérieur
Blue	Bleu
Olive Drab	Gris olivâtre
Dark Blue	Bleu foncé
Dark Gray	Bleu-gris
Tan	Havane
Aluminum	Aluminium
Metallic	Metallic

If you have any questions or comments, call our hotline at: **(800) 833-3570**
or, please write to:

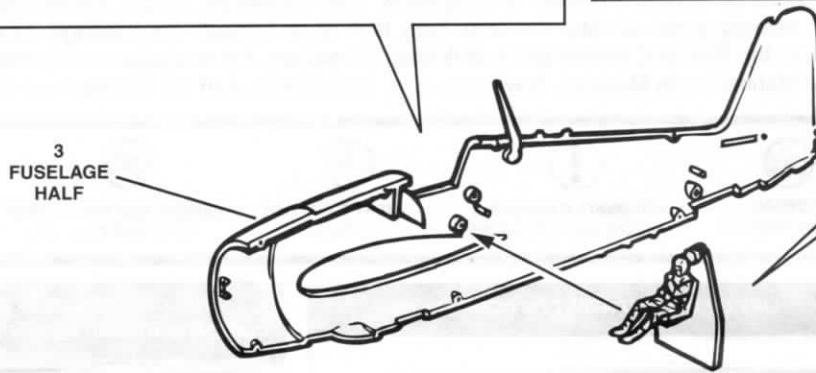
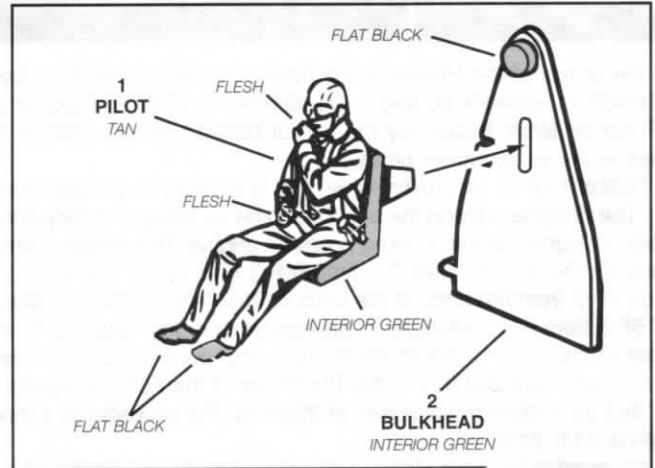
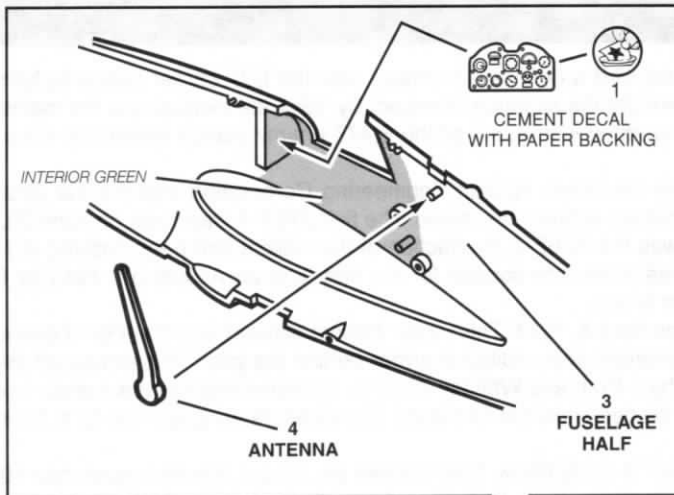
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Be sure to include the plan number (85008000200), part number, description, your return address and phone number.

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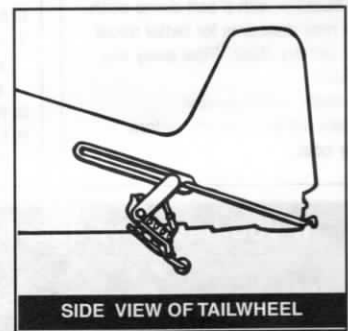
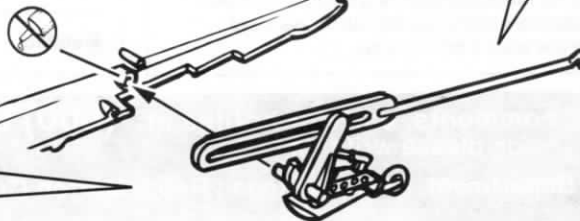
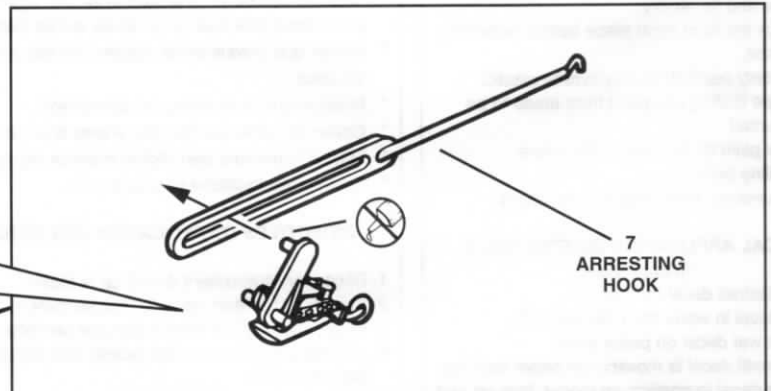
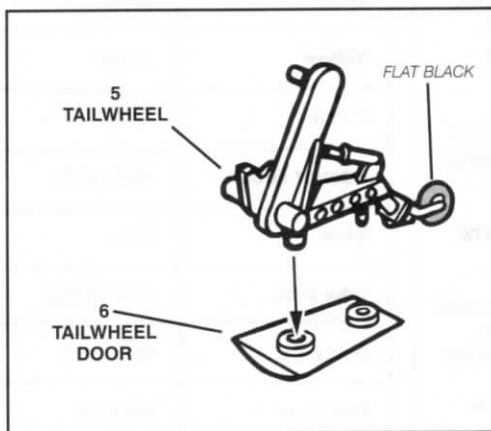
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FUSELAGE / PILOT ASSEMBLY



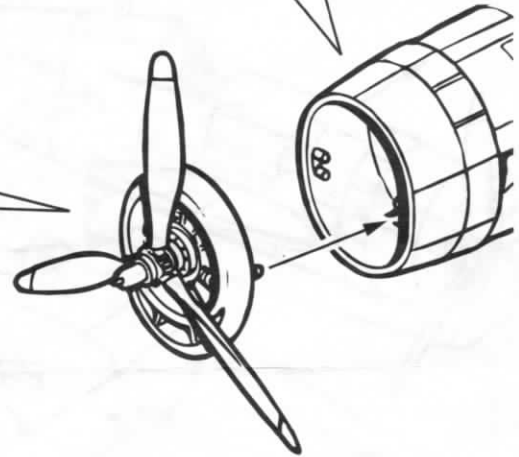
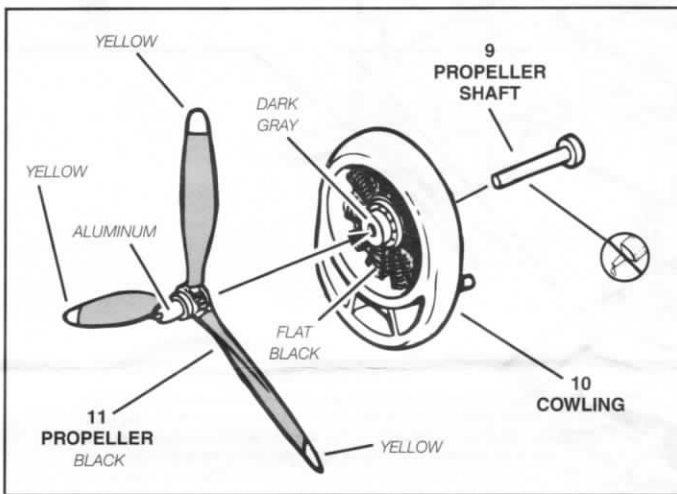
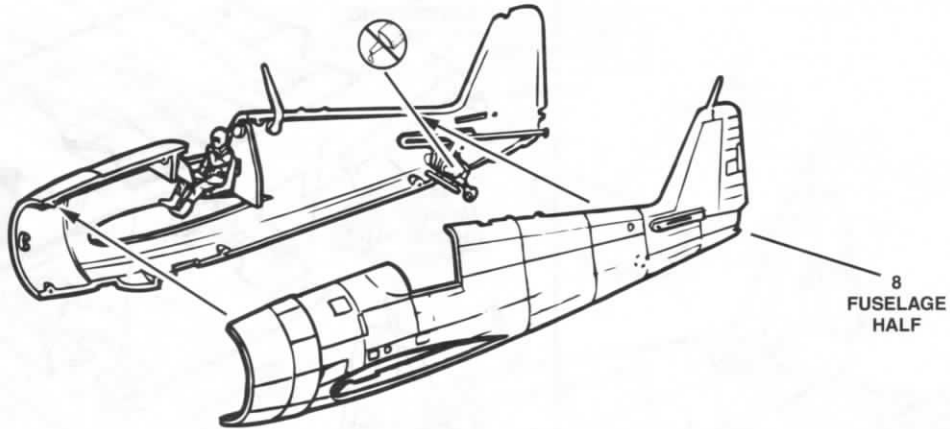
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TAILWHEEL ASSEMBLY



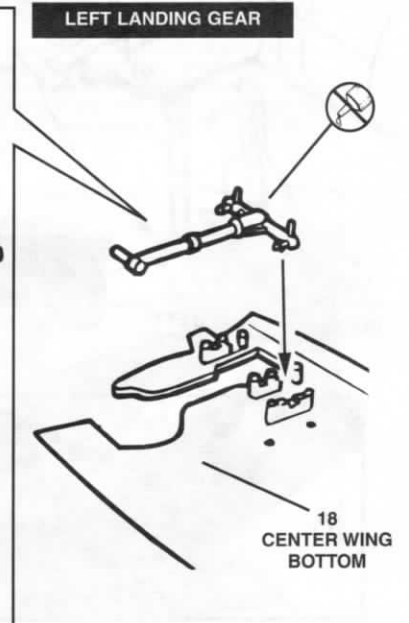
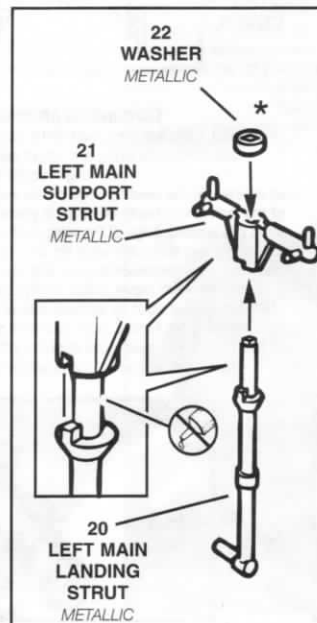
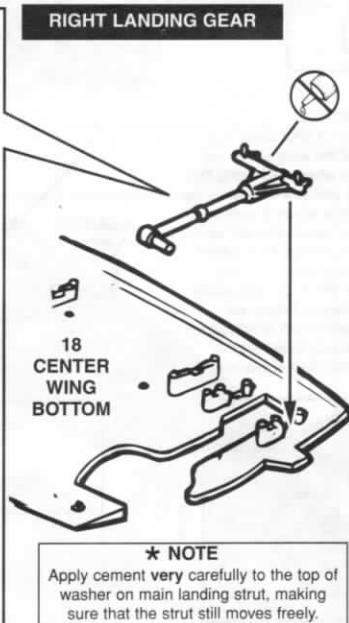
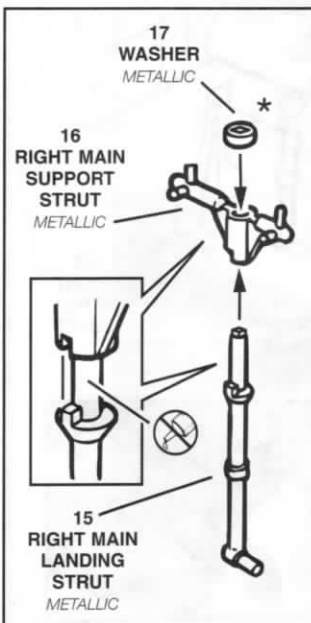
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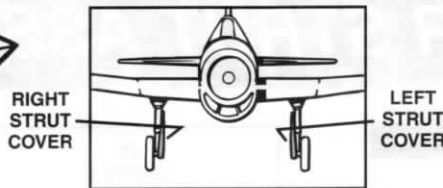
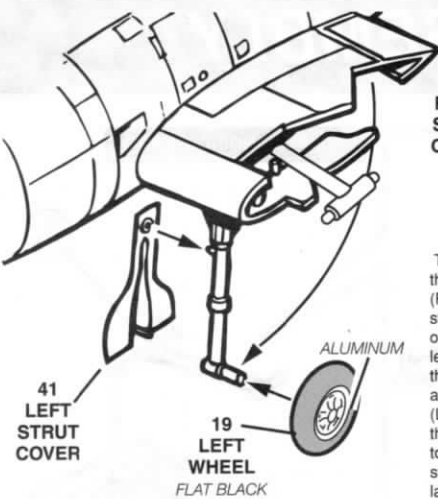
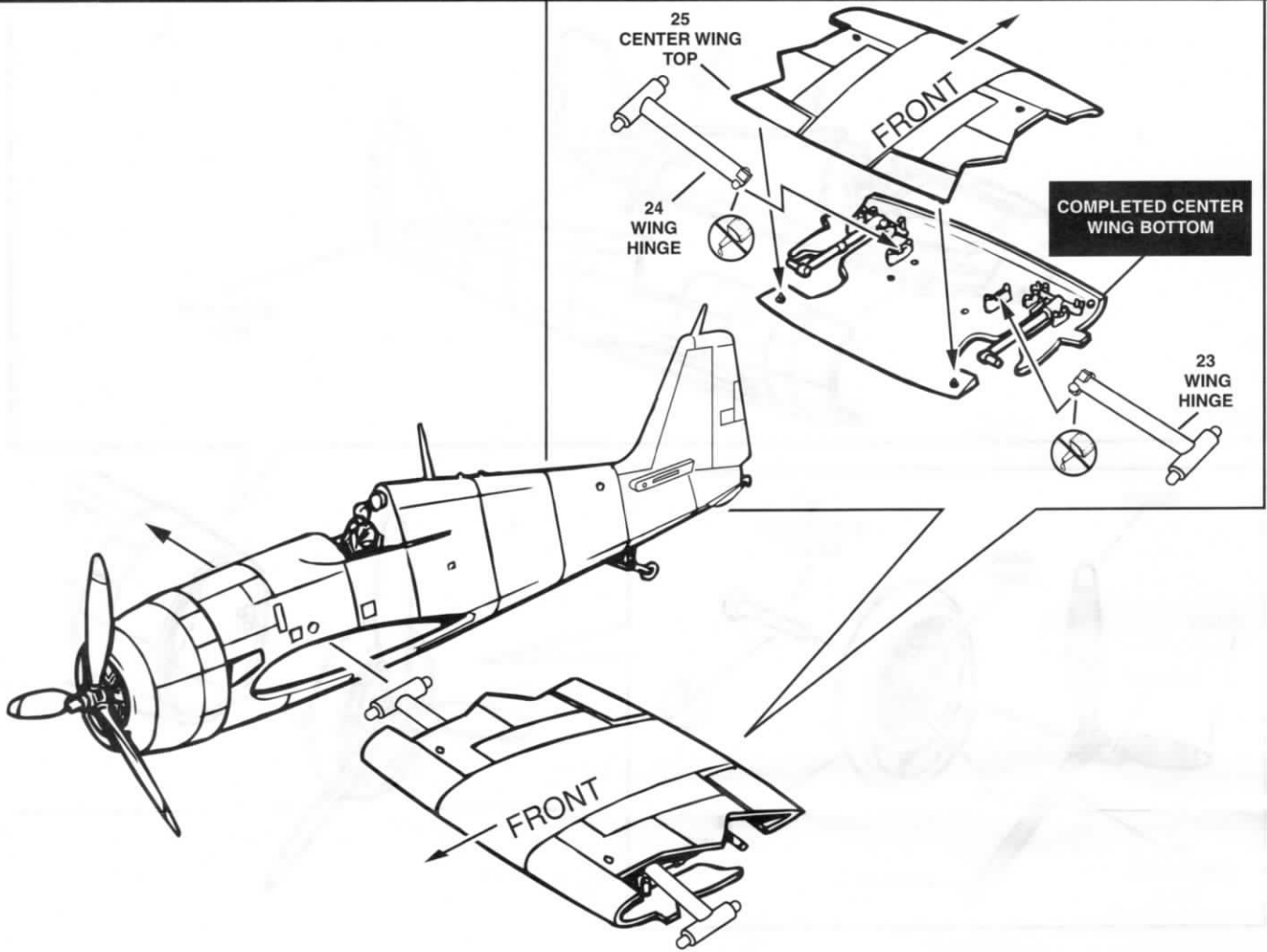
FUSELAGE / ENGINE ASSEMBLY



4

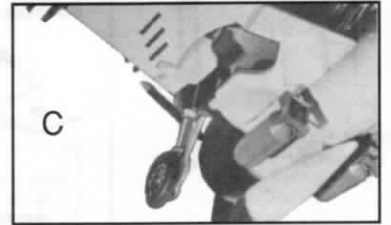
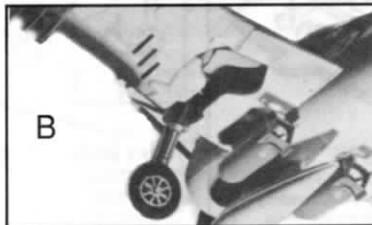
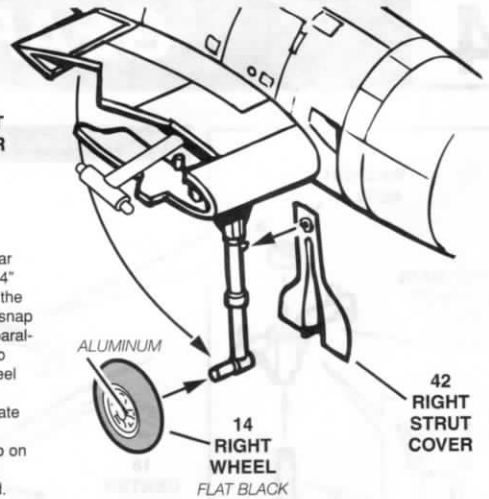
GEAR STRUT ASSEMBLY

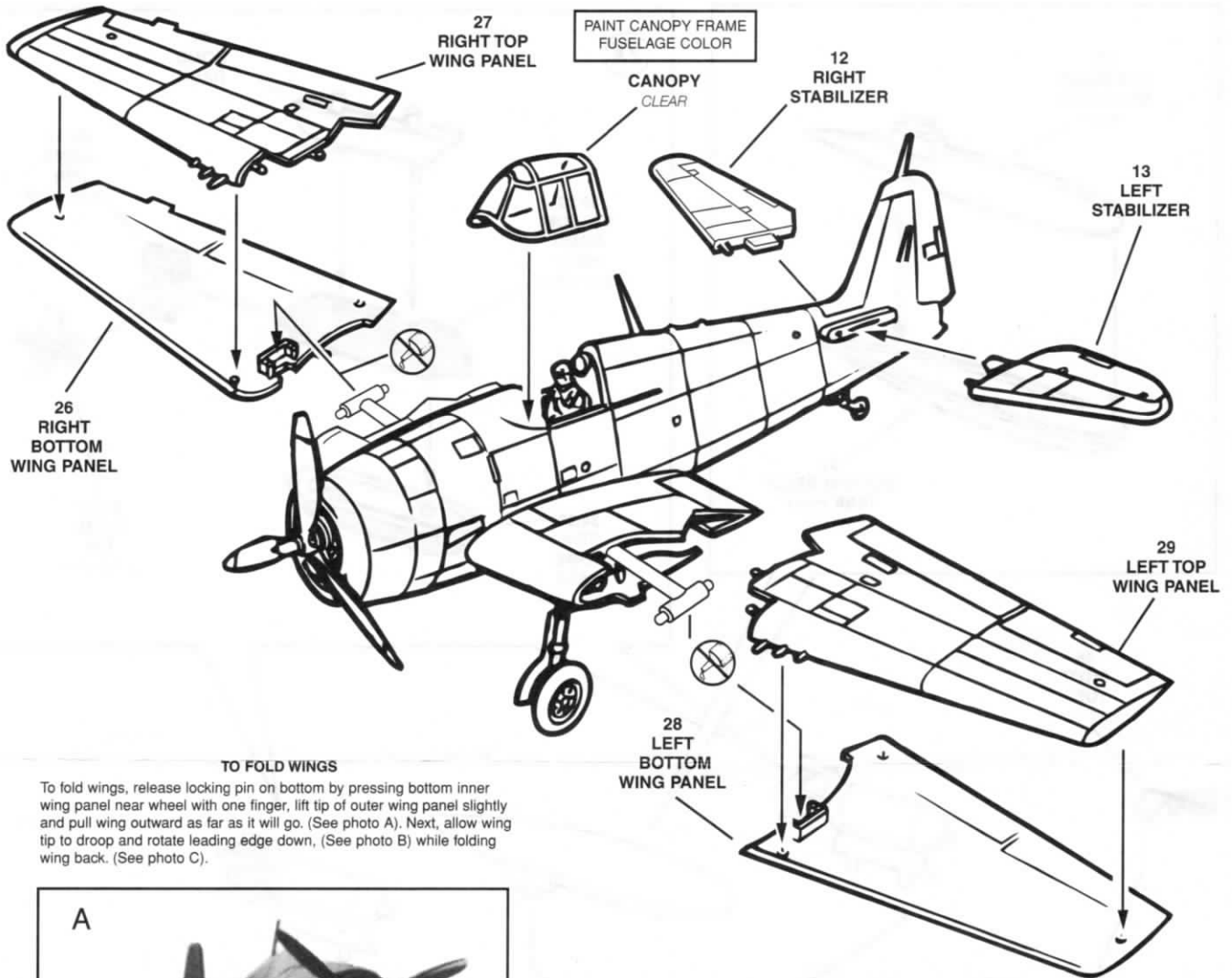




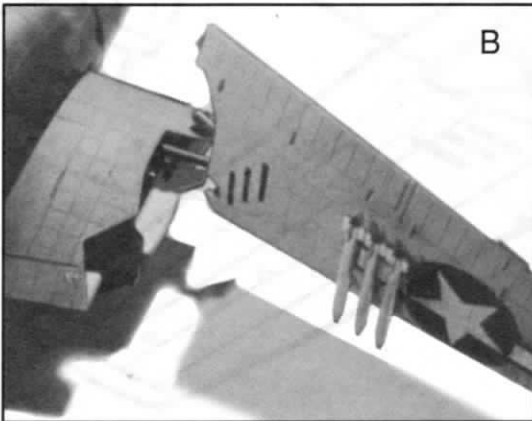
LANDING GEAR OPERATION

To extend a landing strut, just lift up on end of strut cover near the wheel to bring the wheel out of the wing about 1/4" (Photo A) Next, place your finger under the wheel and swing the strut towards the leading edge of the wing until you hear the snap of the lock which holds the strut in place. Your wheel is now parallel to the leading edge of the wing and must be rotated 90° so that the wheel faces the wing tip. Do this as follows: Hold wheel and strut cover between fingers and pull away from the wing (Landing strut will move about 1/16") (See Photo B) Now rotate the landing gear strut so spoked side of wheel is facing out towards wing tip. Finally, push the strut down to lock small tab on strut into notch in main strut support. (Photo C) To retract the landing strut into the wing, the opposite procedure is followed.

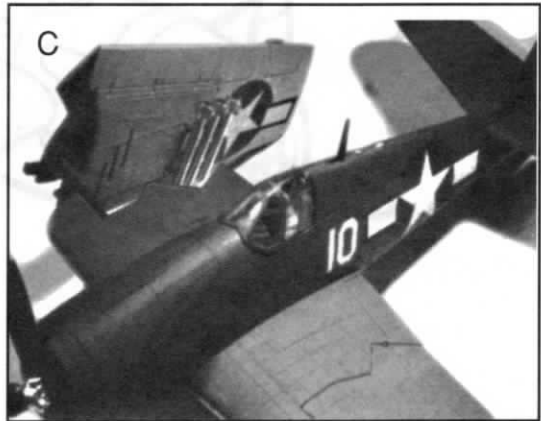


**TO FOLD WINGS**

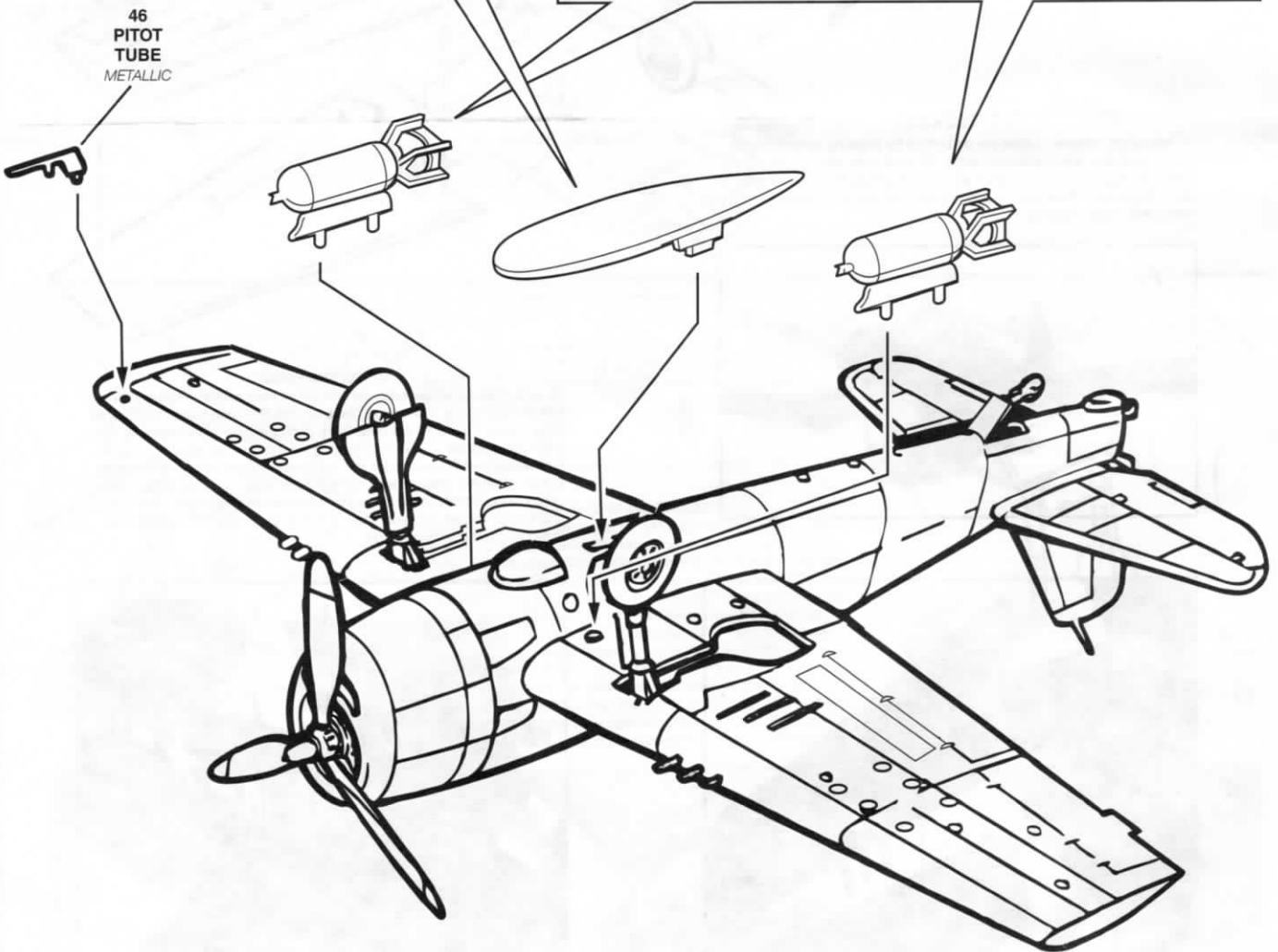
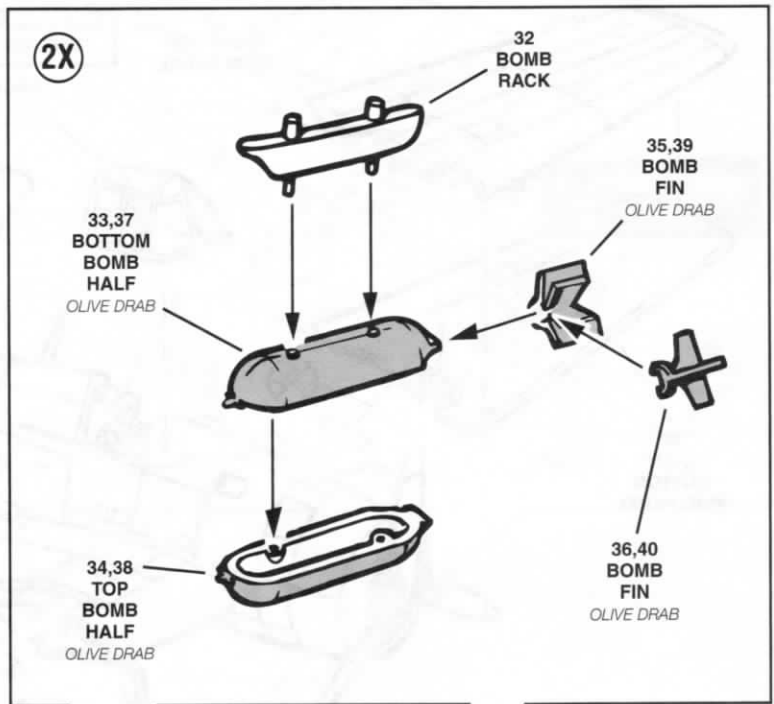
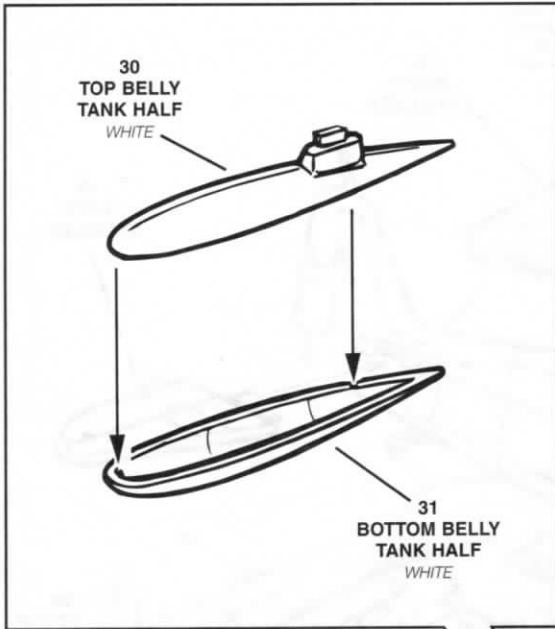
To fold wings, release locking pin on bottom by pressing bottom inner wing panel near wheel with one finger, lift tip of outer wing panel slightly and pull wing outward as far as it will go. (See photo A). Next, allow wing tip to droop and rotate leading edge down, (See photo B) while folding wing back. (See photo C).

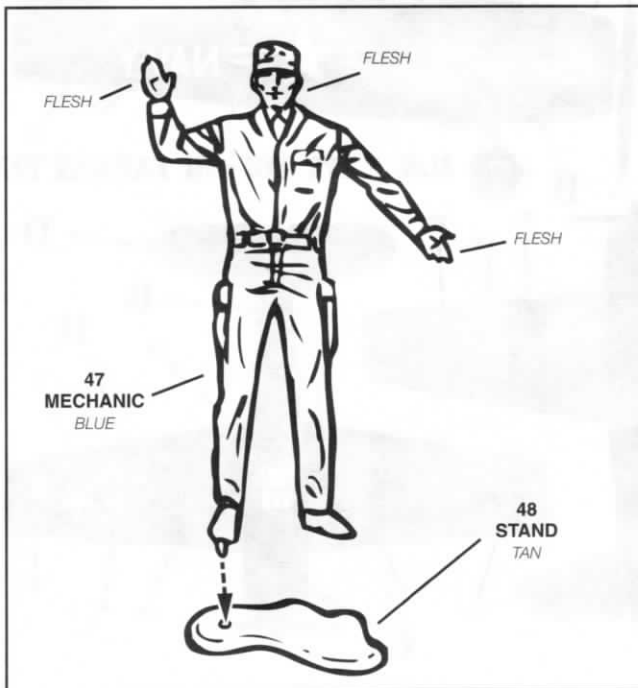
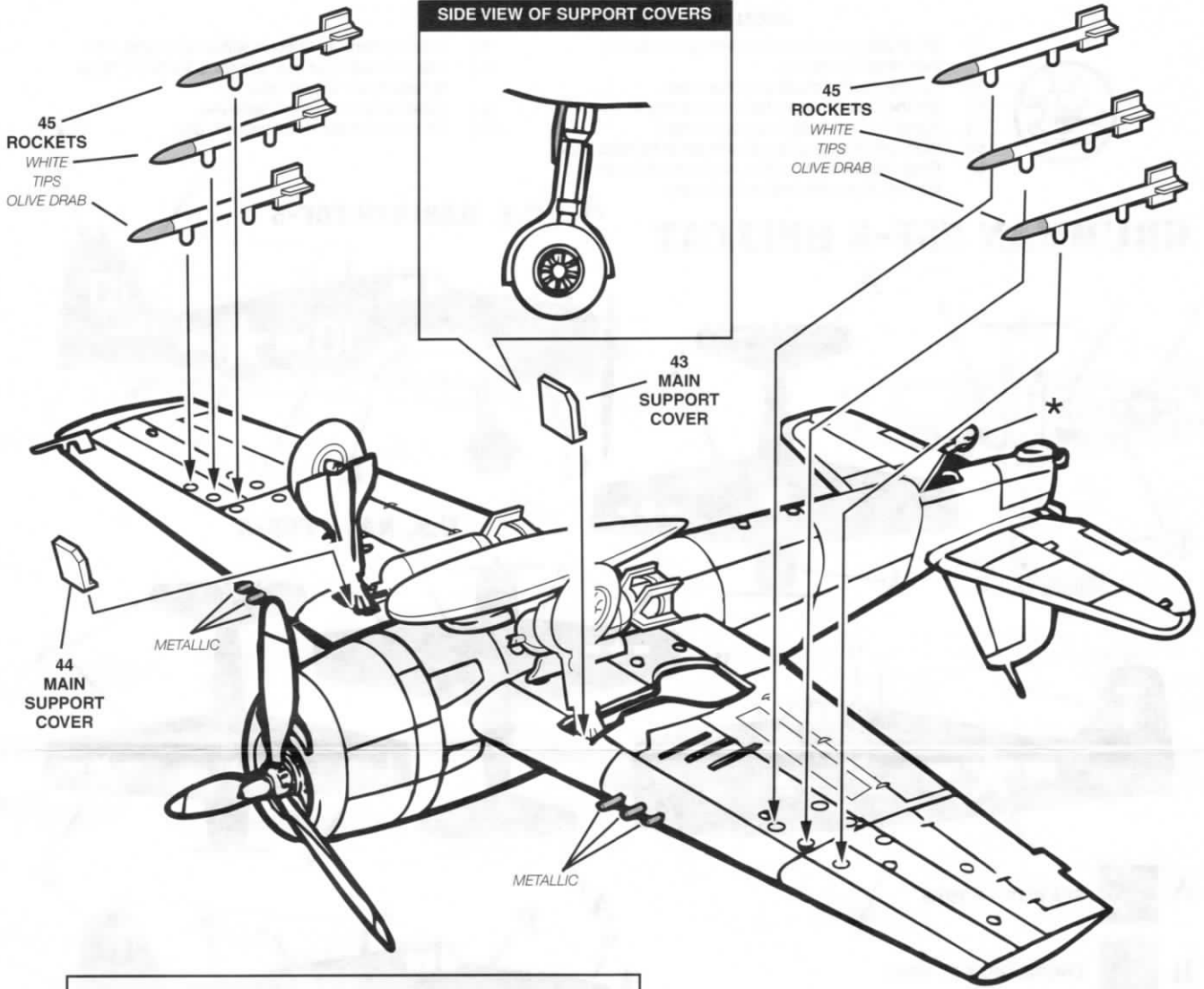
**TO EXTEND WINGS**

To extend wings, follow opposite procedure from folding wings and when just about in place, turn model upside down. With one hand on the inner wing and one hand on the outer wing push the outer panel towards the inner panel as far as it will go, making certain that the edge of the bottom wing panel fits just under the tiny plastic button on the center wing bottom. Also the small lock pin on the outer wing panel fits to the hole in center wing bottom. After a few careful practices, you will be able to fold and extend the wings easily. Use care in every movement, and do not strain or bend any hinge parts.



TANK / BOMBS ASSEMBLY





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TAILWHEEL AND TAIL HOOK OPERATION

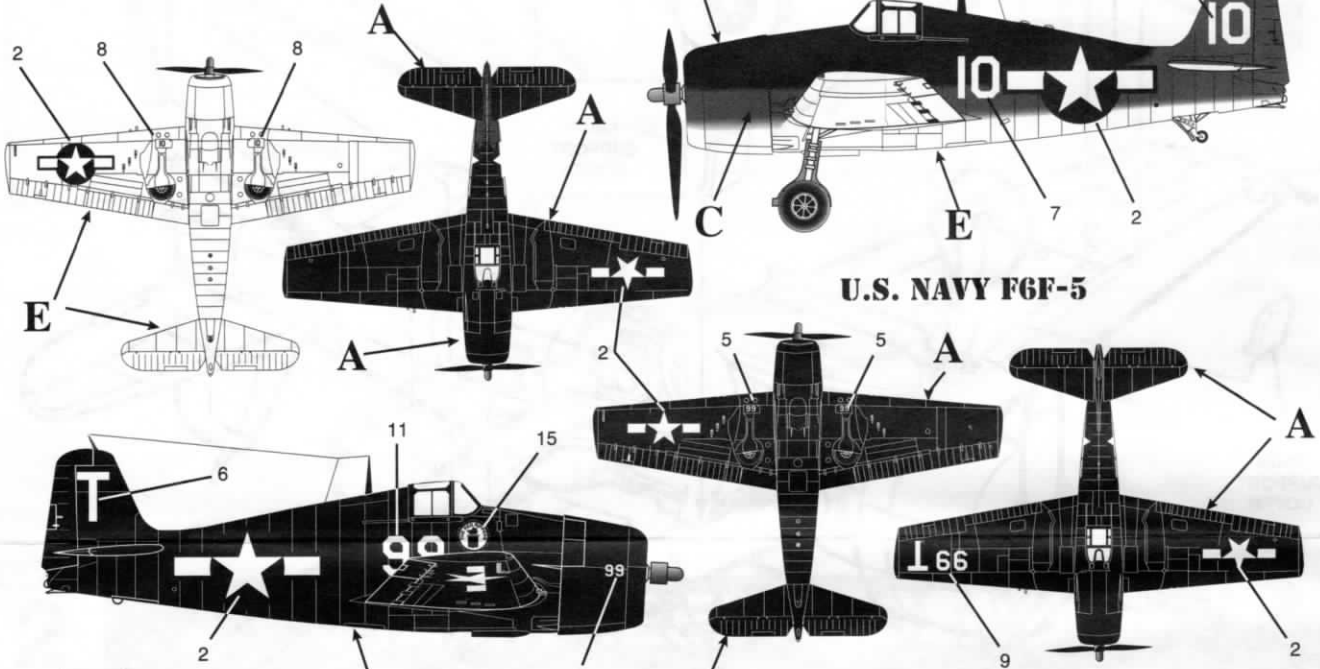
Your Helcat was assembled with the tailwheel in the "down" position. To **retract** the tailwheel, press up against the tailwheel door with the tip of your finger. To **extend** tailwheel, hold fuselage in one hand and gently pull out on tail hook until the tailwheel extends. After tailwheel is down push tail hook back into the fuselage.

DECAL APPLICATION INSTRUCTIONS



- 1.) Wash plastic parts in mild detergent solution, then rinse and let dry.
- 2.) Cut the desired decal from the sheet.
- 3.) Dip the decal in water for a few seconds.
- 4.) Place the wet decal on a paper towel.
- 5.) Wait until the decal is movable on its backing paper.
- 6.) Place the decal in position on the model with its face up, then slide the backing away.
- 7.) Press out any air bubbles with a soft damp cloth.
- 8.) The milkiness that may appear is for better decal adhesion, but will dry clear.
- 9.) Wipe away any excess adhesive.
- 10.) Do not touch the decal until it is dry.

GRUMMAN F6F-5 HELLCAT

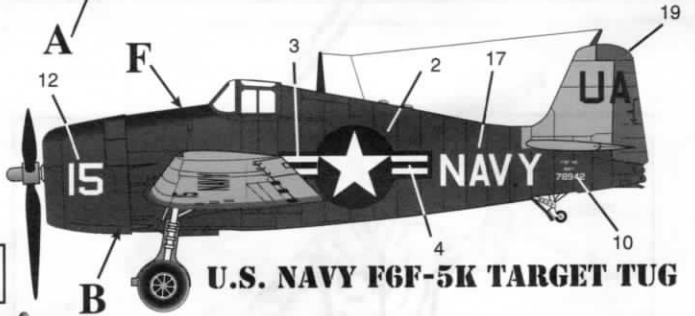


U.S. MARINES F6F-5

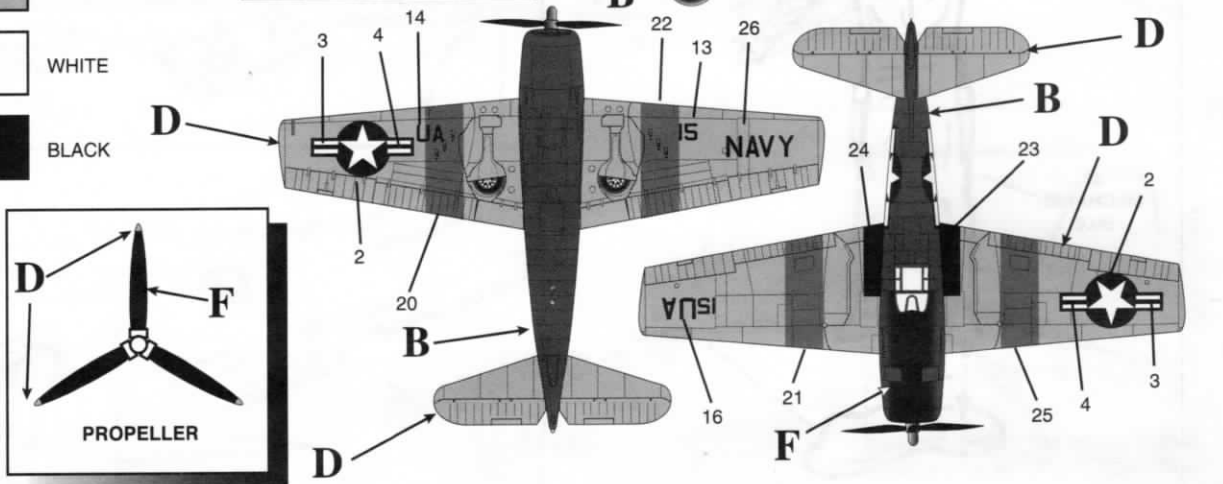
U.S. NAVY F6F-5

- A** SEA BLUE FS 35045
- B** ENGINE GRAY FS 16081
- C** INTERMEDIATE SEA BLUE FS 35164
- D** YELLOW FS 13538
- E** WHITE
- F** BLACK

NOTE: DELETE GUNS FROM F6F-5K



U.S. NAVY F6F-5K TARGET TUG



PROPELLER

