

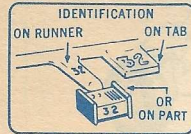


# Cousteau's PBY Flying Boat

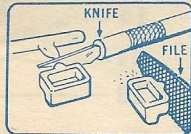


H-576-3800 -A

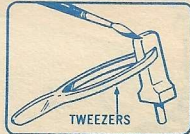
## GET YOUR TOOLS READY:



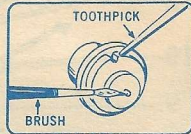
REMOVE PART WHEN CALLED FOR



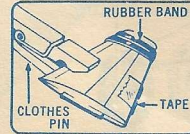
TO REMOVE AND TRIM PARTS



TO HOLD PARTS FOR PAINTING



TO APPLY CEMENT



TO HOLD PARTS AFTER CEMENTING

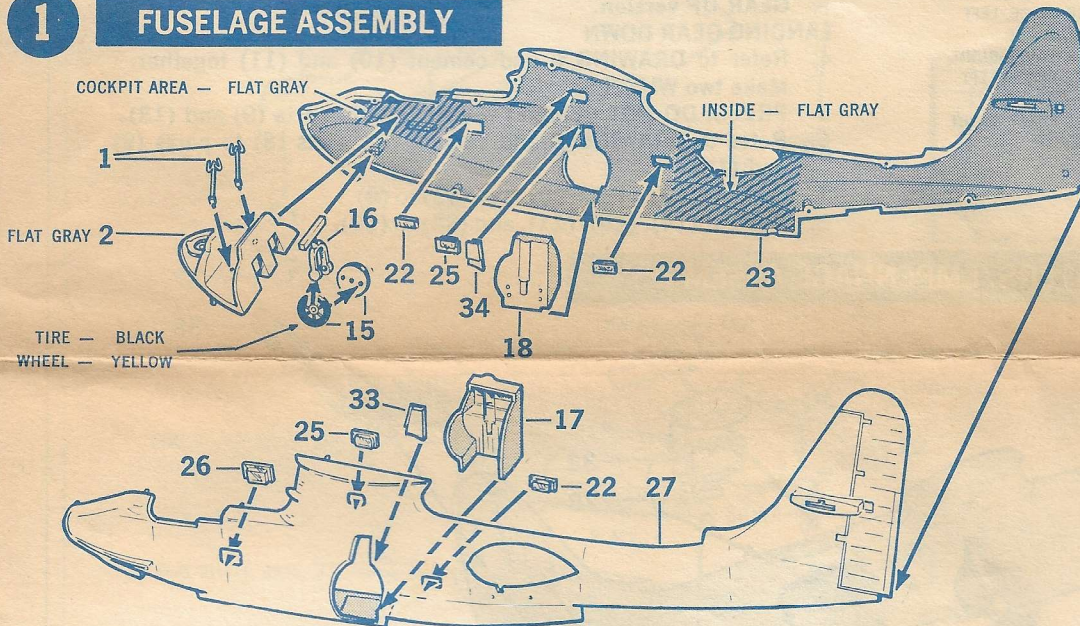
## BEFORE YOU BEGIN

### HELPFUL MODELING HINTS

1. Fit parts together before cementing.
2. Trim away excess plastic.
3. Use cement sparingly; too much will damage your model.
4. Paint small parts before detaching from runner.
5. **TO OBTAIN A GOOD BOND, REMOVE PAINT WHERE PARTS ARE TO BE CEMENTED.**

IF YOU WISH TO STOP AT ANY POINT DURING THE CONSTRUCTION OF YOUR MODEL, DO SO AT THE END OF AN ASSEMBLY STEP.

## 1 FUSELAGE ASSEMBLY



You have the choice of building your PBY with the gear up or down. There are several steps where you must build the model one way or the other. If you want to build the Diorama it will be necessary for your model to have the gear up. Decide now which you want. Simplify your work by reading the instructions.

**NOTE: PARTS (4), (5), (7), AND (68) ARE NOT USED IN THIS KIT.**

- 1 CONTROL COLUMN (2 Parts)
- 2 FLIGHT DECK
- 15 NOSE WHEEL HALF (2 Parts)
- 16 NOSE GEAR STRUT
- 17 WHEEL WELL, LEFT
- 18 WHEEL WELL, RIGHT
- 22 WINDOWS, CLEAR (3 Parts)
- 23 FUSELAGE HALF, RIGHT
- 25 PYLON WINDOW, CLEAR (2 Parts)
- 26 LARGE WINDOW, CLEAR
- 27 FUSELAGE HALF, LEFT
- 33 FAIRING, L.G., LEFT
- 34 FAIRING, L.G., RIGHT

1. Cement two parts (1) to (2) and cement (2) into (23).
2. **FOR GEAR DOWN** cement two parts (15) together and **PRESS, DO NOT CEMENT** WHEEL into (16).
3. Cement NOSE WHEEL into (23) as shown.
4. **FOR GEAR UP** cement (33) into (27) and cement (34) into (23).
5. Cement two parts (22) and part (25) into (23).
6. Cement parts (22), (25), and (26) into (27).
7. Cement (17) to (27) and cement (18) to (23).
8. Cement (23) to (27).
9. Parts (15) and (16) are not used for **GEAR UP** version.



PHILIPPE POINTS THE WAY TO A SAFE MOORING SPOT FOR THE PBY.



PHILIPPE AND WIFE JAN WATCH THE SEA FROM PBY'S SIDE BUBBLE.



CAPTAIN COUSTEAU BRIEFS CAMERAMEN AT PRE-FILMING SESSION INSIDE PBY.



THE CREW ENJOYS A TASTY DINNER AT PBY DINING TABLE.



ZODIAC IS LOWERED FROM WING OF PBY AFTER BEING INFLATED.

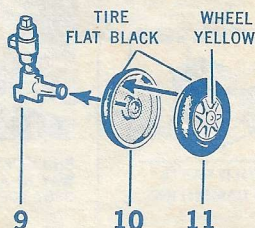


DIVERS PREPARE FOR EXPEDITION WITH ZODIAC INFLATABLE BOAT.

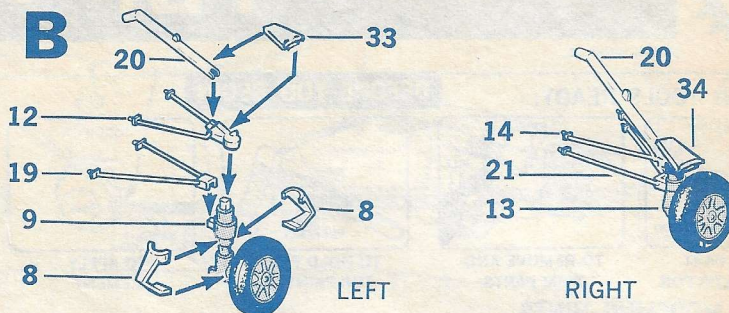
2

## LANDING GEAR ASSEMBLIES

A



B



- 8 OLEO SCISSORS (4 Parts)
- 9 MAIN GEAR STRUT, LEFT
- 10 MAIN WHEEL, INBOARD (2 Parts)
- 11 MAIN WHEEL, OUTBOARD (2 Parts)
- 12 MAIN GEAR UPPER BRACE, LEFT
- 13 MAIN GEAR STRUT, RIGHT
- 14 MAIN GEAR UPPER BRACE, RIGHT
- 19 MAIN GEAR LOWER BRACE, LEFT
- 20 RETRACT LINK (2 Parts)
- 21 MAIN GEAR LOWER BRACE, RIGHT
- 33 FAIRING, L.G., LEFT
- 34 FAIRING, L.G., RIGHT

## LANDING GEAR UP

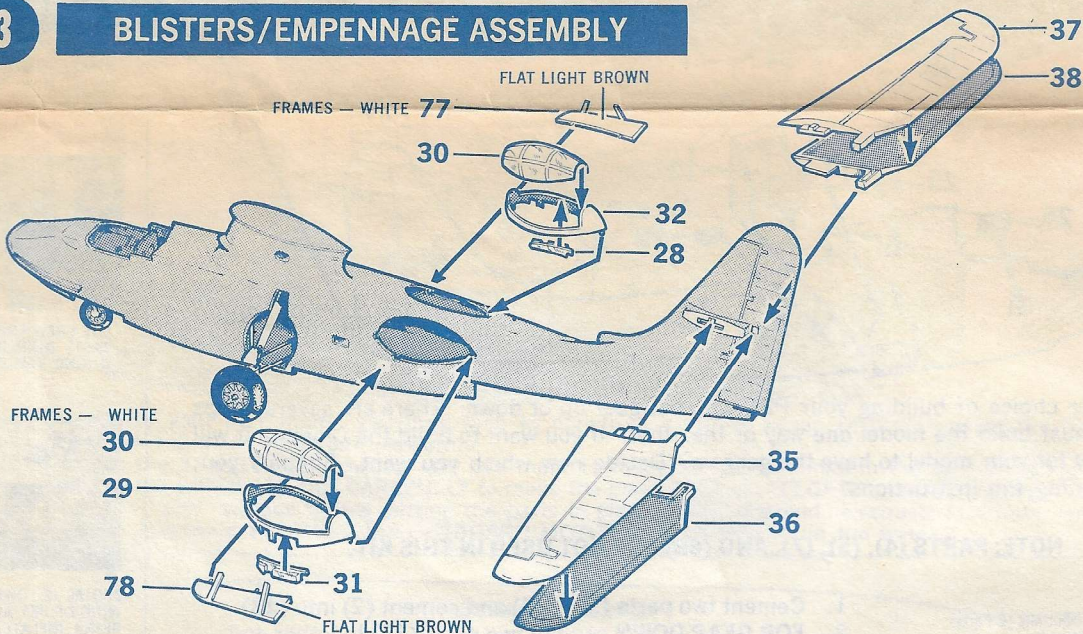
1. Refer to **DRAWING A** and cement (10) and (11) together. **Make two WHEELS.**
2. **PRESS, DO NOT CEMENT** a WHEEL onto parts (9) and (13).
3. **Parts (8), (12), (14), (19), (20) and (21) are not used for GEAR UP version.**

## LANDING GEAR DOWN

4. Refer to **DRAWING A** and cement (10) and (11) together. **Make two WHEELS.**
5. **PRESS, DO NOT CEMENT** a WHEEL onto parts (9) and (13).
6. Refer to **DRAWING B** and cement two parts (8) to parts (9) and (13).
7. Cement (12), (19), (20), and (33) to (9).
8. Cement (14), (20), (21), and (34) to (13).

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## BLISTERS/EMPENNAGE ASSEMBLY

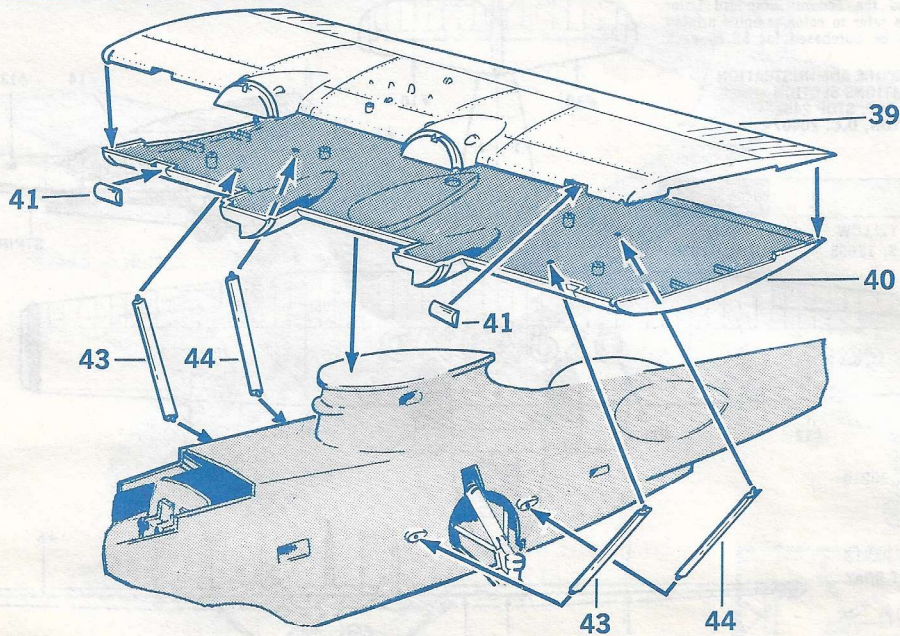


- 28 WINDOWS, RIGHT, CLEAR
- 29 FAIRING, LEFT
- 30 BLISTER, CLEAR (2 Parts)
- 31 WINDOWS, LEFT, CLEAR
- 32 FAIRING, RIGHT
- 35 STABILIZER, TOP LEFT
- 36 STABILIZER, BOTTOM LEFT
- 37 STABILIZER, TOP RIGHT
- 38 STABILIZER, BOTTOM RIGHT
- 77 PLATFORM, RIGHT
- 78 PLATFORM, LEFT

1. Cement (28) to (32); then cement them to **RIGHT** side of FUSELAGE.
2. Cement (31) to (29); then cement them to **LEFT** side of FUSELAGE.
3. Cement a part (30) to (29) and (32).
4. Cement (77) and (78) to FUSELAGE as shown.
5. Cement appropriate **LANDING GEARS** in place as shown.
6. Cement (35) to (36); then cement to **LEFT** side of **VERTICAL STABILIZER**.
7. Cement (37) to (38); then cement to **RIGHT** side of **VERTICAL STABILIZER**.

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WING - CENTER SECTION

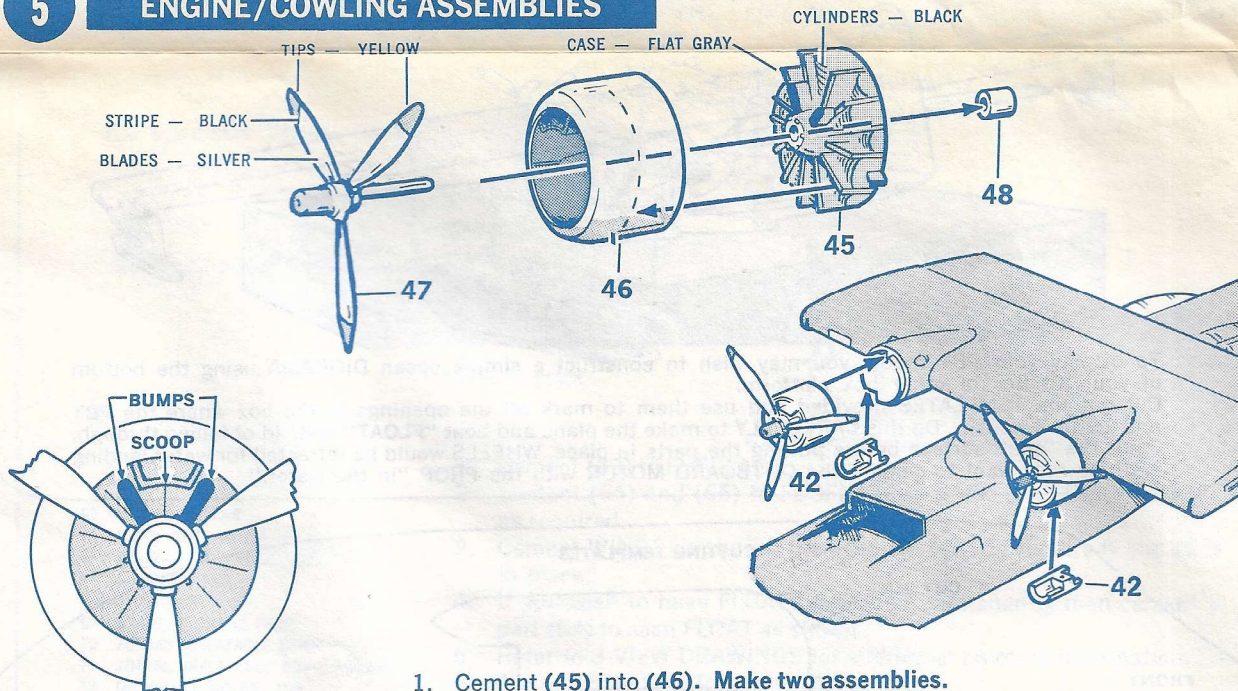


- 39 WING, TOP CENTER
- 40 WING, BOTTOM CENTER
- 41 LANDING LIGHT COVER, CLEAR (2 Parts)
- 43 STRUT, FORWARD (2 Parts)
- 44 STRUT, REAR (2 Parts)

1. Cement (39) to (40); then cement two parts (41) into leading edge.
2. Cement WING SECTION to FUSELAGE.
3. Cement two parts (43) and two parts (44) as shown.

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ENGINE/COWLING ASSEMBLIES

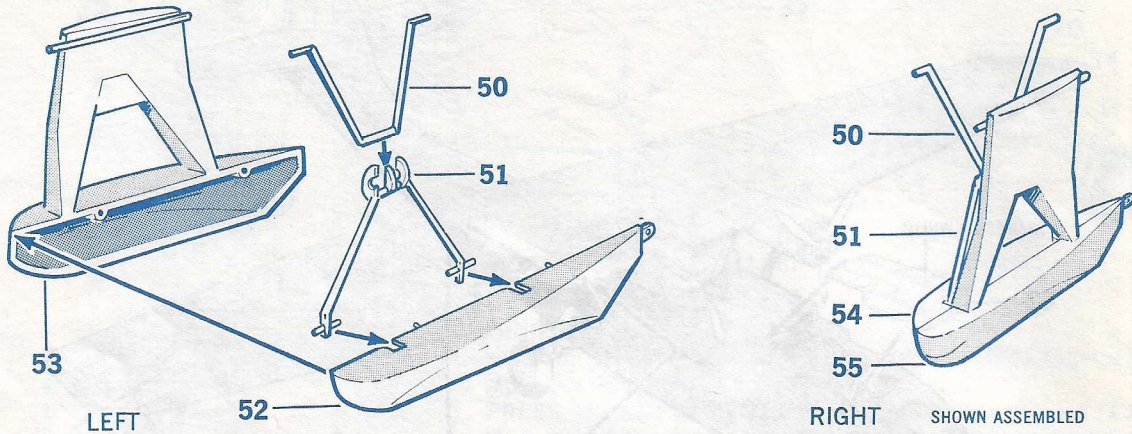


- 42 FAIRING, OIL COOLER (2 Parts)
- 45 ENGINE (2 Parts)
- 46 COWLING (2 Parts)
- 47 PROPELLER (2 Parts)
- 48 RETAINER (2 Parts)

1. Cement (45) into (46). **Make two assemblies.**
2. Slide shaft of (47) through (45); then put a small drop of cement into (48) and place (48) onto shaft. **DO NOT ALLOW CEMENT TO TOUCH ENGINE OR PROPELLER WILL NOT ROTATE. Make two assemblies.**
3. Cement completed assemblies to WING.
4. Cement a part (42) to each ENGINE as shown.

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FLOAT ASSEMBLY

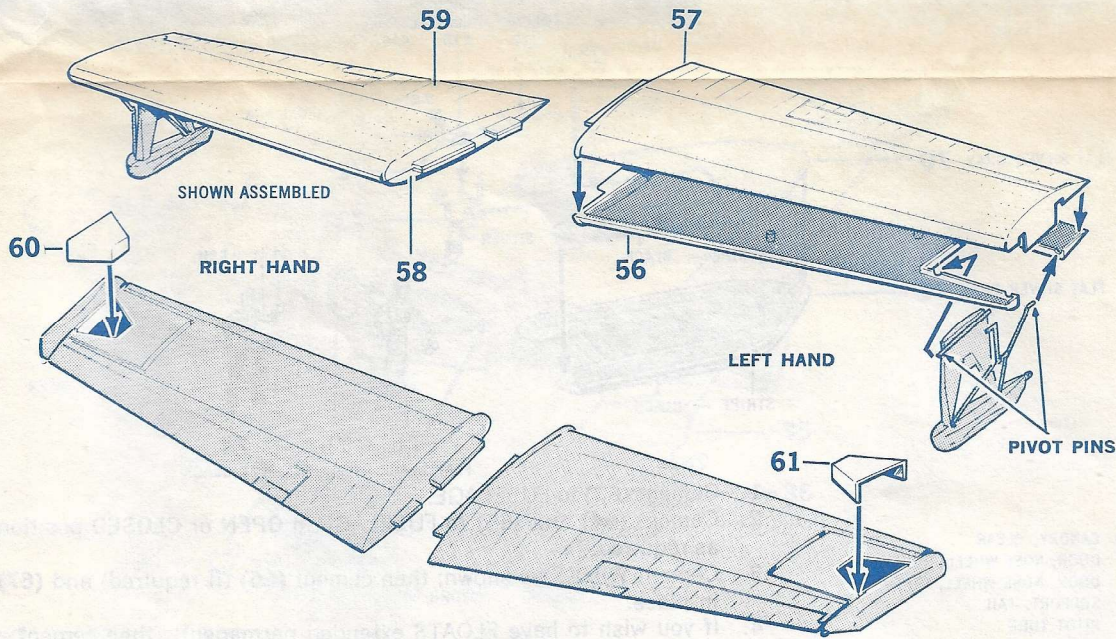


- 50 FLOAT BRACE, UPPER (2 Parts)
- 51 FLOAT BRACE, LOWER (2 Parts)
- 52 FLOAT HALF, LEFT
- 53 FLOAT HALF/STRUT, LEFT
- 54 FLOAT HALF, RIGHT
- 55 FLOAT HALF/STRUT, RIGHT

1. Press (50) into hinge on (51). **Make two assemblies.**
2. Cement (52) to (53) trapping (51) in between. **DO NOT LET CEMENT TOUCH (51) OR FLOAT WILL NOT RETRACT.**
3. Assemble RIGHT FLOAT using BRACE ASSEMBLY and parts (54) and (55).

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WING - OUTER SECTIONS

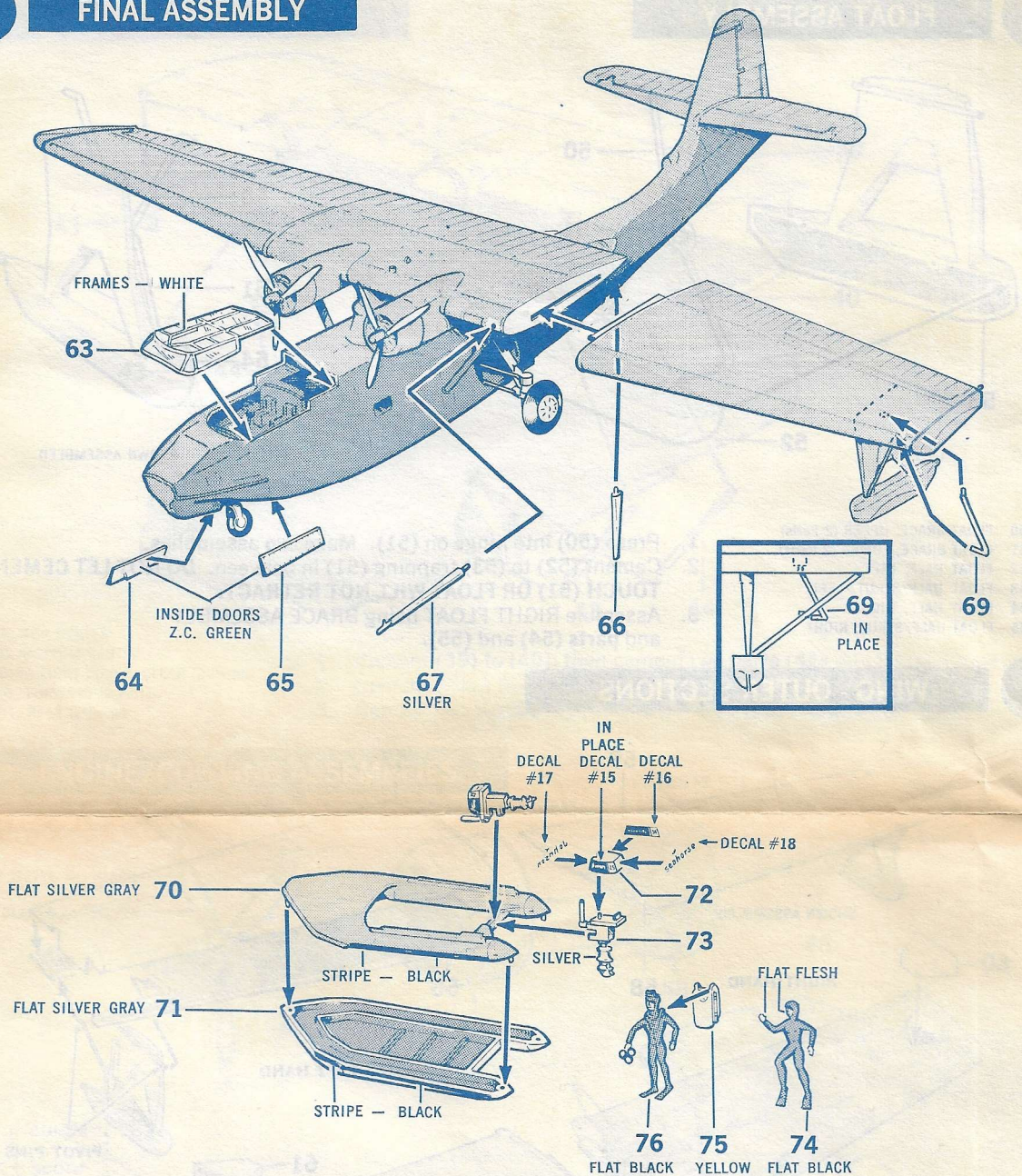


- 56 WING, LOWER LEFT
- 57 WING, UPPER LEFT
- 58 WING, LOWER RIGHT
- 59 WING, UPPER RIGHT
- 60 FAIRING, STRUT, RIGHT
- 61 FAIRING, STRUT, LEFT

1. Engage two sets of HINGE PINS on LEFT FLOAT with two sets of NOTCHES in cutout of (56); then carefully cement (56) to (57). **DO NOT ALLOW CEMENT TO TOUCH HINGE PINS OR FLOAT WILL NOT RETRACT.**
2. Assemble RIGHT WING using parts (58), (59), and RIGHT FLOAT.
3. Retract FLOATS into WINGS and cement (60) and (61) in place as shown. **DO NOT ALLOW CEMENT TO TOUCH ANY PART OF FLOAT ASSEMBLIES OR THEY WILL NOT EXTEND AGAIN.**

## 8

## FINAL ASSEMBLY



- 63 CANOPY, CLEAR
- 64 DOOR, NOSE WHEEL, RIGHT
- 65 DOOR, NOSE WHEEL, LEFT
- 66 SUPPORT, TAIL
- 67 PITOT TUBE
- 69 STRUT, FLOAT (2 Parts)
- 70 ZODIAC INFLATABLE BOAT, TOP
- 71 ZODIAC INFLATABLE BOAT, BOTTOM
- 72 OUTBOARD MOTOR, TOP
- 73 OUTBOARD MOTOR, BASE
- 74 DIVER, KNEELING
- 75 AQUALUNG
- 76 DIVER

1. Cement (63) to FUSELAGE.
2. Cement (64) and (65) to FUSELAGE in **OPEN** or **CLOSED** position as required.
3. Cement WINGS as shown; then cement (66) (if required) and (67) in place.
4. If you wish to have FLOATS extended permanently then cement a part (69) to each FLOAT as shown.
5. Refer to 3-VIEW DRAWINGS for additional painting information.
6. Apply DECALS at locations shown.
7. Cement (70) to (71) and cement (72) to (73); then cement MOTOR to BOAT either in a stowed position or in a running position (see Step 10 Diorama).
8. Cement (75) to (76).
9. Parts (4), (5), (7), and (68) are not used in this kit.

## ADDITIONAL PAINTING AND DECAL PLACEMENT

For modelers wishing to paint their models in authentic colors we have included the Federal Standard Color Numbers. These numbers refer to color samples printed in FS 595. Copies may be purchased for \$2.75 each from:

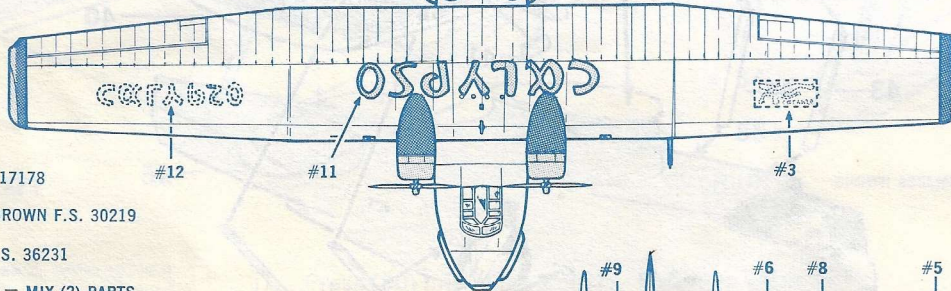
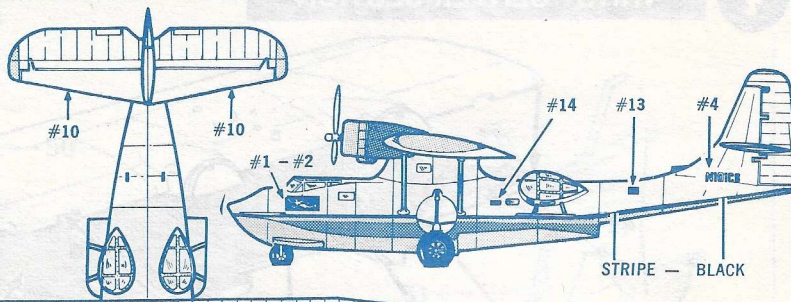
**THE GENERAL SERVICE ADMINISTRATION  
SPECIFICATIONS SECTION  
Building 197, STOP 249  
WASHINGTON, D.C. 20407**

MOLDED COLOR

IF PAINTING USE  
F.S. 17875

YELLOW  
F.S. 13655

BLACK  
F.S. 17038

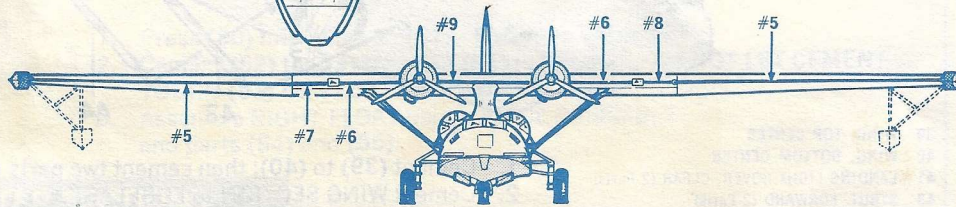


SILVER F.S. 17178

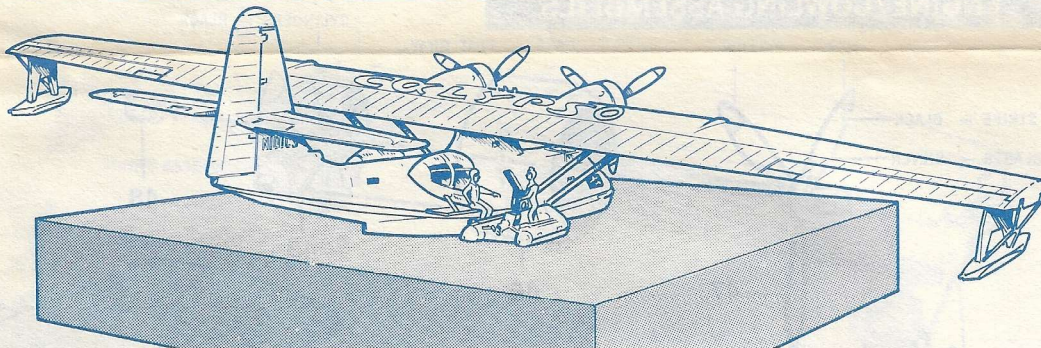
FLAT LIGHT BROWN F.S. 30219

FLAT GRAY F.S. 36231

SILVER GRAY = MIX (2) PARTS  
SILVER TO (1) PART GRAY



## SETTING UP A DIORAMA



To display your PB4Y model you may wish to construct a simple ocean DIORAMA using the bottom of your Kit Box or other box platform. Cut out the TEMPLATES provided and use them to mark off the openings in the box where the PB4Y and ZODIAC will sit. Do this **CAREFULLY** to make the plane and boat "FLOAT" instead of falling through. Paint the "sea" surface before putting the parts in place. WHEELS would be retracted for water landing and you may want to cement the OUTBOARD MOTOR with the PROP "in the water."

CUTTING TEMPLATES

CUT OUT

FRONT

ZODIAC TEMPLATE

PBY TEMPLATE