

LOCKHEED P-38 LIGHTNING



H-220-3800

"Two planes, one pilot", is the way that the Japanese very aptly described the radical P-38 fighter during World War II.

Big even by today's standards for single seat fighters, the P-38 was designed originally to be a high speed, high altitude, interceptor fighter. It had both high speed and ceiling, but its forte proved to be long range escort missions that utilized its over 2000 mile range (with drop tanks). It proved adaptable to many roles including those of bombing, photo reconnaissance, and night fighting.

Your Revell model can be built either as a P-38J, or as a P-38M night fighter. The J version was the first of the redesigned Lightnings and differed visually from its predecessors in having the deeper engine nose cowlings. The M added a second cockpit for the radar

operator and airborne intercept radar. Both could carry rockets.

LOCKHEED P-38 LIGHTNING SPECIFICATIONS

- SPAN:52'
- LENGTH:37' 10"
- HEIGHT:9' 10"
- POWER:Two Allison V-1710 turbo-supercharged V-12 engines of 1,425 hp each
- RANGE:Over 2,000 miles with drop tanks
- CEILING:44,000 feet
- TOP SPEED:420 mph at 26,000 feet

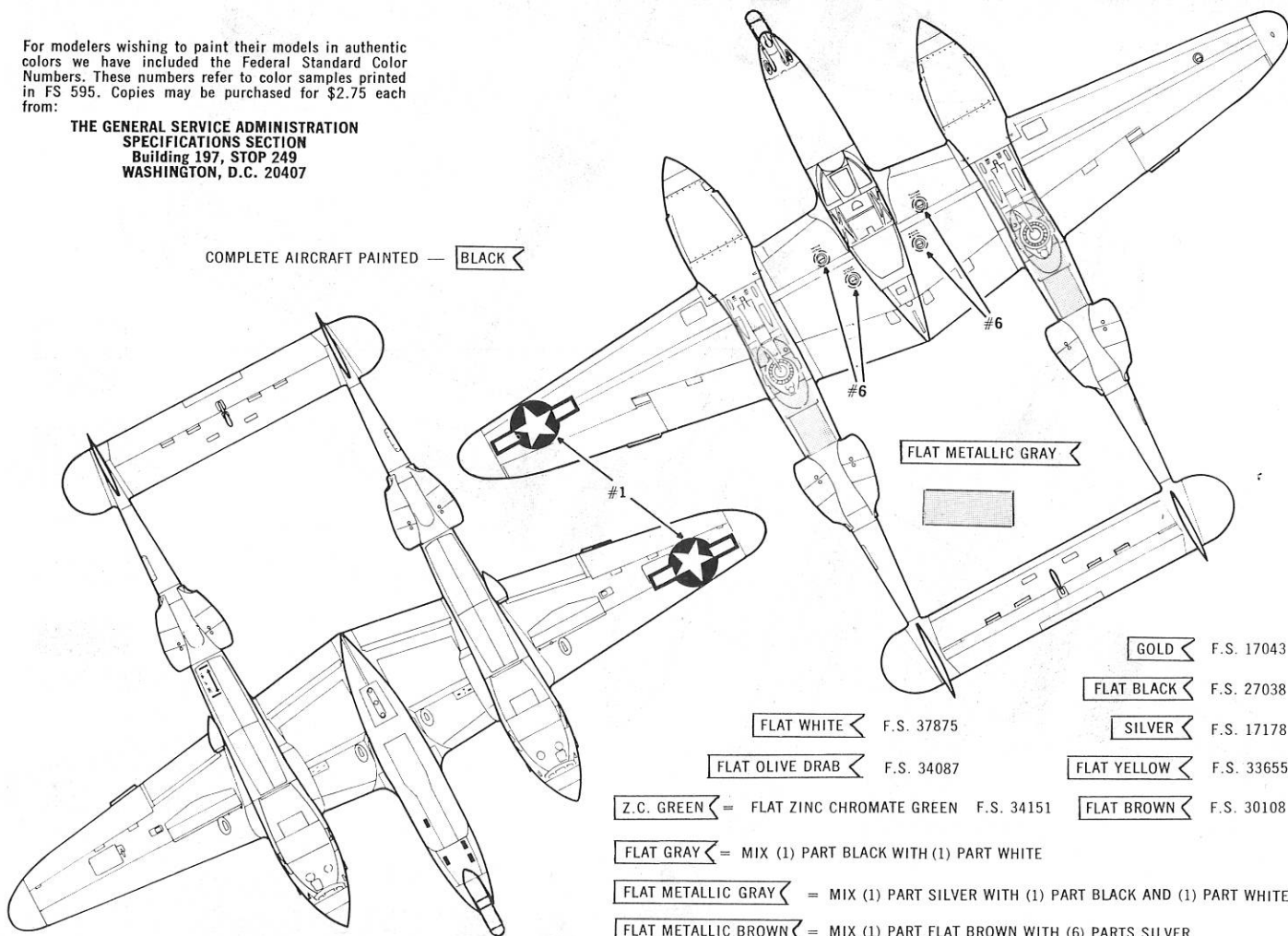
P-38M VERSION

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

COMPLETE AIRCRAFT PAINTED — BLACK



FLAT METALLIC GRAY

GOLD F.S. 17043

FLAT BLACK F.S. 27038

FLAT WHITE F.S. 37875

SILVER F.S. 17178

FLAT OLIVE DRAB F.S. 34087

FLAT YELLOW F.S. 33655

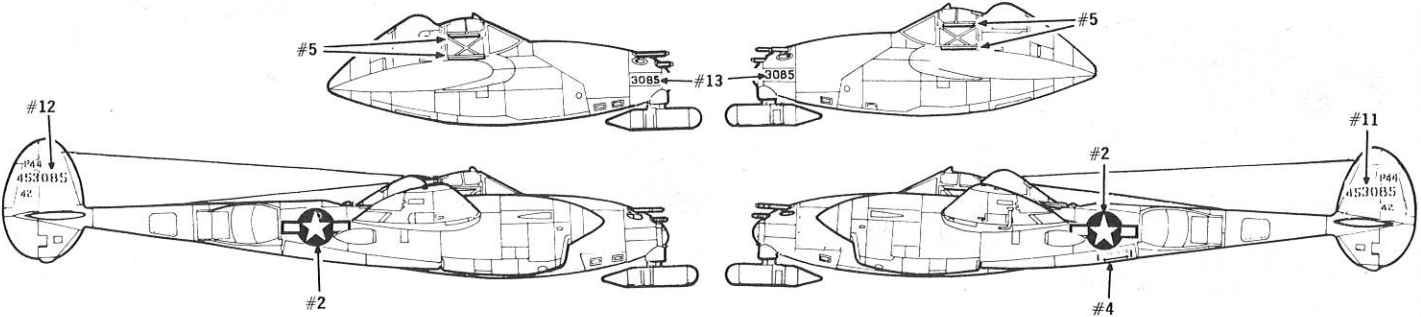
Z.C. GREEN = FLAT ZINC CHROMATE GREEN F.S. 34151

FLAT BROWN F.S. 30108

FLAT GRAY = MIX (1) PART BLACK WITH (1) PART WHITE

FLAT METALLIC GRAY = MIX (1) PART SILVER WITH (1) PART BLACK AND (1) PART WHITE

FLAT METALLIC BROWN = MIX (1) PART FLAT BROWN WITH (6) PARTS SILVER



P-38J VERSION

ADDITIONAL PAINTING AND DECAL PLACEMENT

FLAT METALLIC GRAY <= MIX (1) PART SILVER WITH (1) PART BLACK AND (1) PART WHITE

FLAT METALLIC BROWN <= MIX (1) PART FLAT BROWN WITH (6) PARTS SILVER

FLAT GRAY <= MIX (1) PART WHITE WITH (1) PART BLACK

Z.C. GREEN <= FLAT ZINC CHROMATE GREEN F.S. 34151

FLAT OLIVE DRAB < F.S. 34087

FLAT YELLOW < F.S. 33655

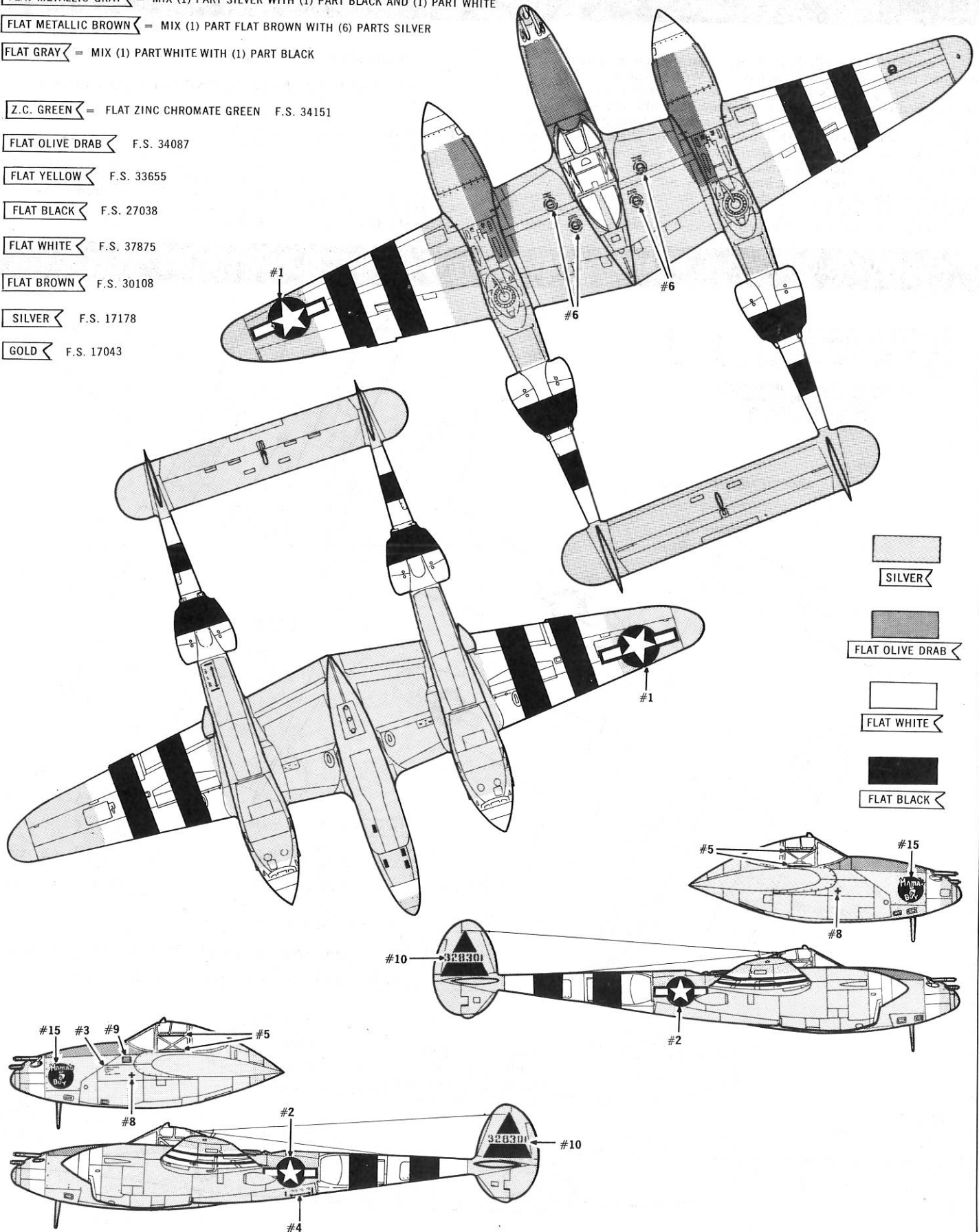
FLAT BLACK < F.S. 27038

FLAT WHITE < F.S. 37875

FLAT BROWN < F.S. 30108

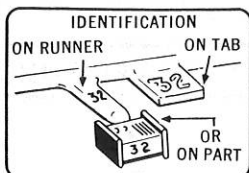
SILVER < F.S. 17178

GOLD < F.S. 17043

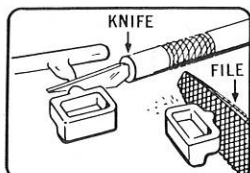


GET YOUR TOOLS READY:

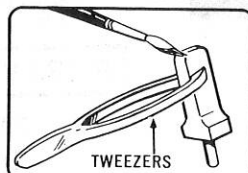
BEFORE YOU BEGIN



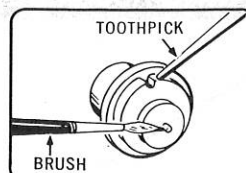
REMOVE PART WHEN CALLED FOR



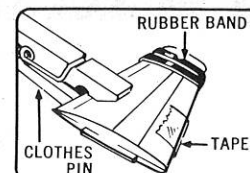
TO REMOVE AND TRIM PARTS



TO HOLD PARTS FOR PAINTING



TO APPLY CEMENT



TO HOLD PARTS AFTER CEMENTING

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. Suggested painting colors are indicated by . 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 DURING THE CONSTRUCTION OF YOUR MODEL, DO SO AT THE END OF AN ASSEMBLY STEP.

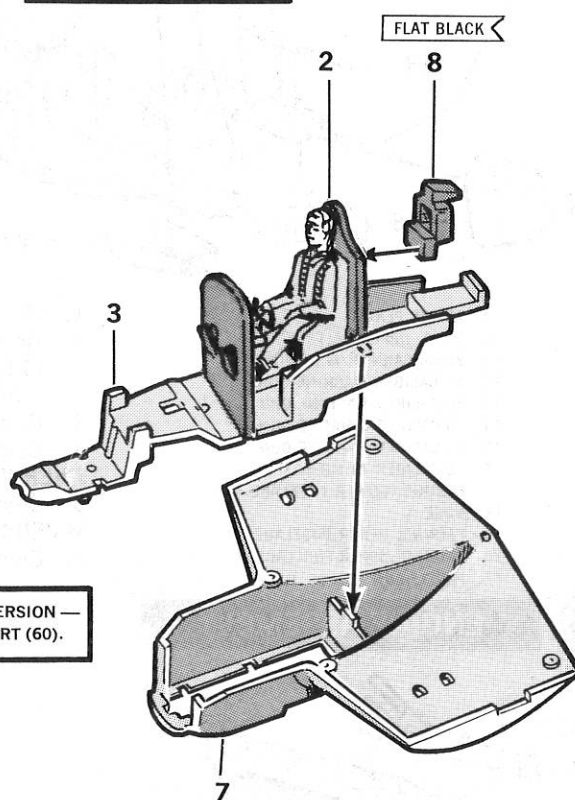
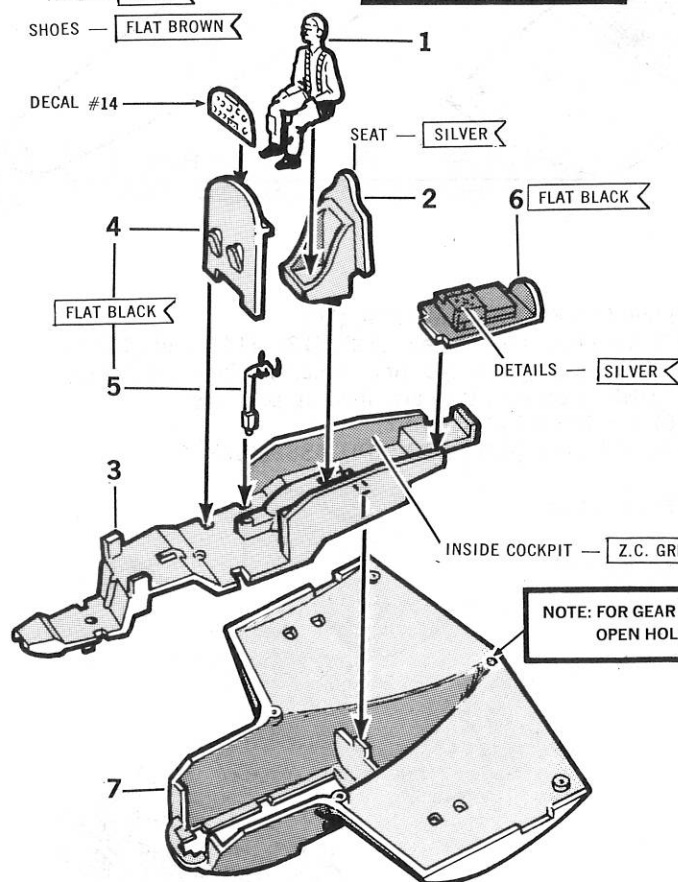
NOTE: THIS KIT IS DESIGNED TO ALLOW YOU TO BUILD EITHER OF TWO VERSIONS: P-38J OR P-38M. CHOOSE NOW BEFORE YOU START BUILDING YOUR MODEL.

1 COCKPIT ASSEMBLY

- UNIFORM — OLIVE DRAB
- FACE — FLESH
- SHOES — FLAT BROWN

P-38J VERSION

P-38M VERSION

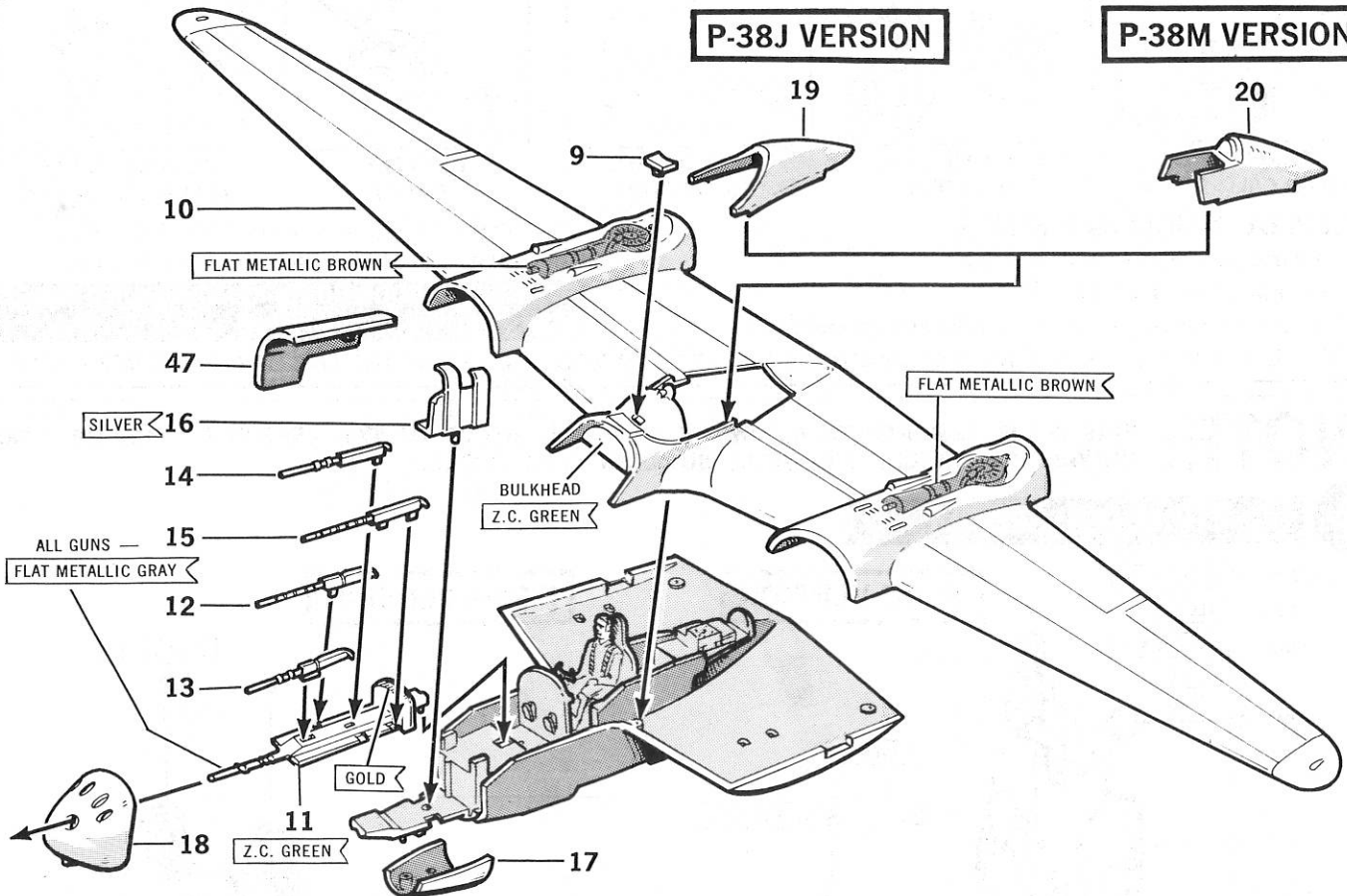


- 1 PILOT
- 2 SEAT
- 3 FLOOR
- 4 INSTRUMENT PANEL
- 5 CONTROL COLUMN
- 6 RADIO EQUIPMENT
- 7 FUSELAGE, LOWER HALF
- 8 RADAR EQUIPMENT

1. Cement (1) to (2); then cement (2) to (3).
 2. Apply DECAL to (4), then cement (4) and (5) to (3).
- J VERSION**
3. Cement (6) to (3); then cement (3) to (7).
- M VERSION**
4. Cement (8) to rear of (2) and cement (3) to (7).

2

FUSELAGE/WING ASSEMBLY

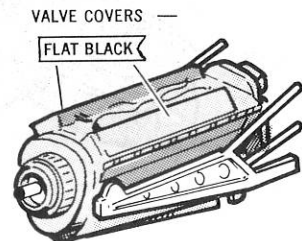
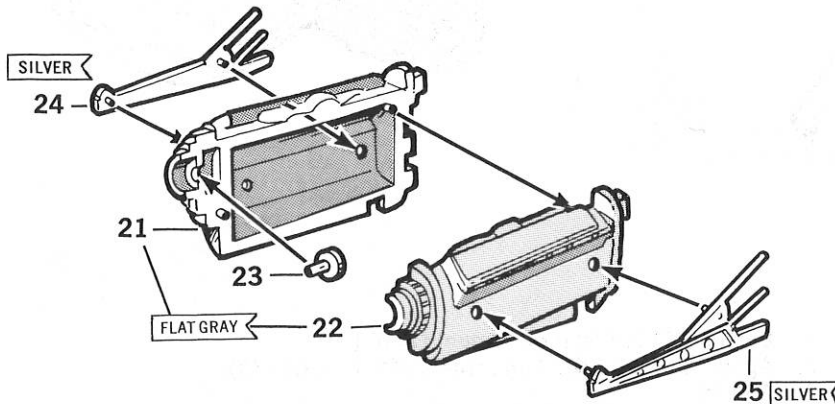


- 9 ARMOR PLATE
- 10 WING, UPPER HALF
- 11 20mm CANNON/M.G. MOUNT
- 12 50 CALIBER MACHINE GUN
- 13 50 CALIBER MACHINE GUN
- 14 50 CALIBER MACHINE GUN
- 15 50 CALIBER MACHINE GUN
- 16 50 CALIBER AMMO BOXES
- 17 FAIRING, LOWER FUSELAGE
- 18 NOSE
- 19 FAIRING, UPPER FUSELAGE J
- 20 FAIRING, UPPER FUSELAGE M
- 47 PANEL, GUN ACCESS, RIGHT

1. Cement (9) and COCKPIT ASSEMBLY to (10).
 2. Cement (11) in place; then cement (12), (13), (14), and (15) to (11). Use (18) as a guide (do not cement) when cementing MACHINE GUNS to be sure they are lined up properly.
 3. Cement (16) to COCKPIT ASSEMBLY.
 4. Cement (17), (18), and (47) to COCKPIT ASSEMBLY.
- J VERSION**
5. Cement (19) as shown.
- M VERSION**
6. Cement (20) as shown.

3

ENGINE ASSEMBLY

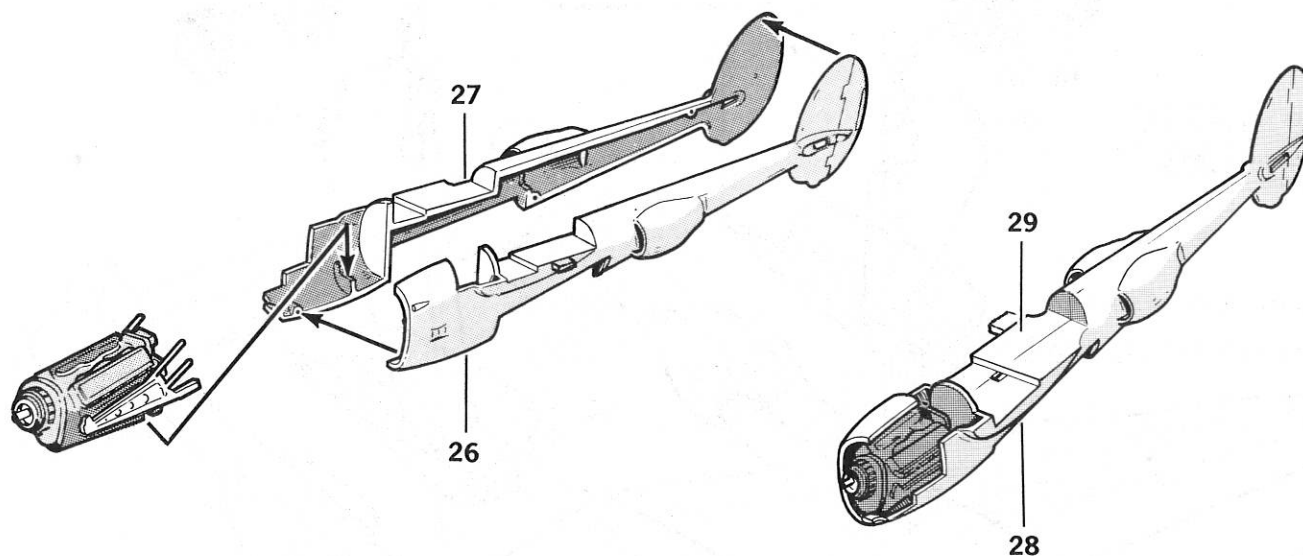


- 21 ENGINE, RIGHT HALF
- 22 ENGINE, LEFT HALF
- 23 SHAFT, PROPELLER
- 24 MOUNT, ENGINE, RIGHT (2 Parts)
- 25 MOUNT, ENGINE, LEFT (2 Parts)

1. Cement (21) and (22) together trapping (23) in between.
2. Cement (24) and (25) to ENGINE.
3. Repeat procedures 1 and 2 for second ENGINE.

4

BOOM/ENGINE ASSEMBLY

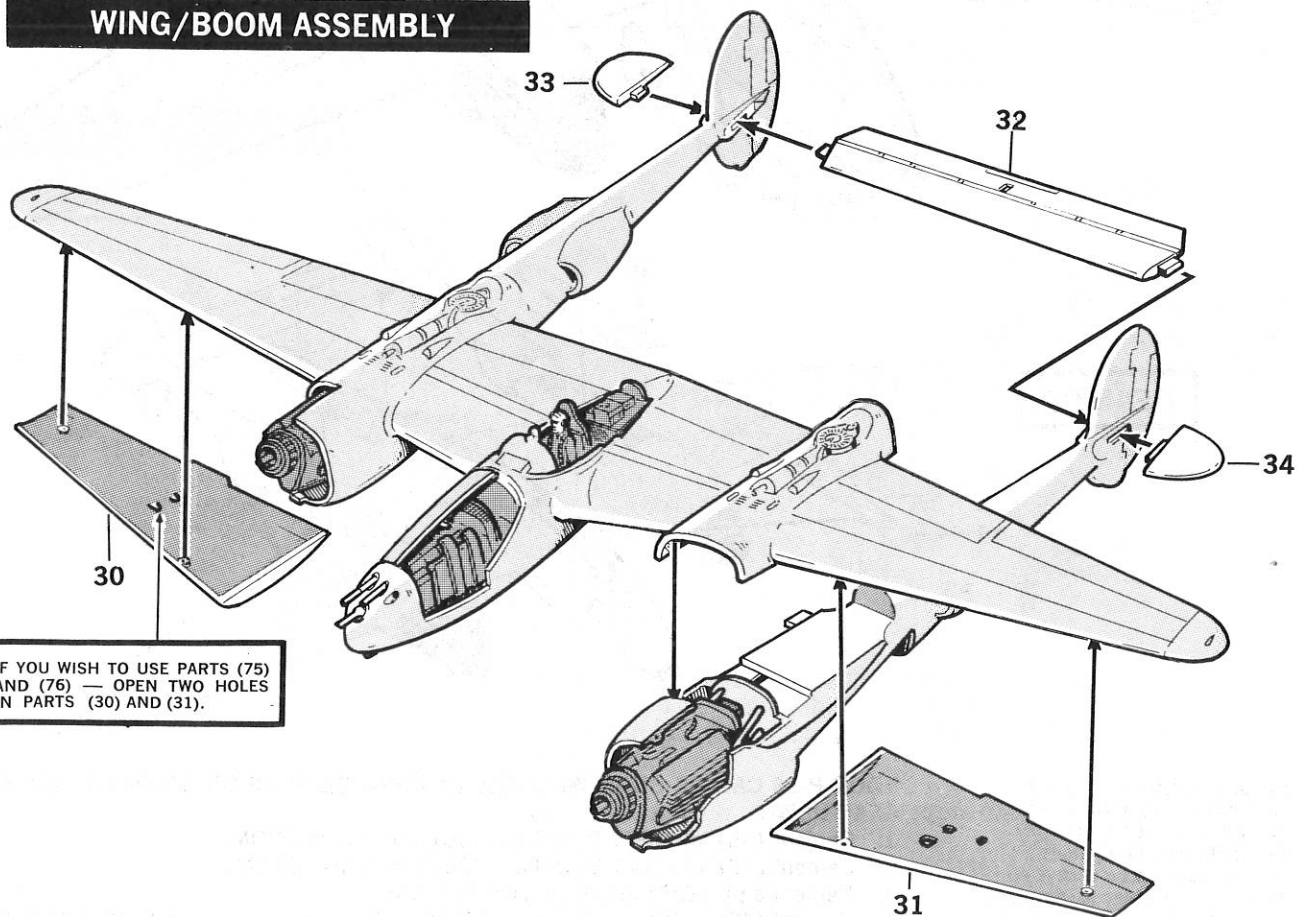


26 BOOM, RIGHT INBOARD
 27 BOOM, RIGHT OUTBOARD
 28 BOOM, LEFT OUTBOARD
 29 BOOM, LEFT INBOARD

1. Cement (26) to (27).
2. Cement (28) to (29).
3. Cement an ENGINE/MOUNT into each BOOM.

5

WING/BOOM ASSEMBLY



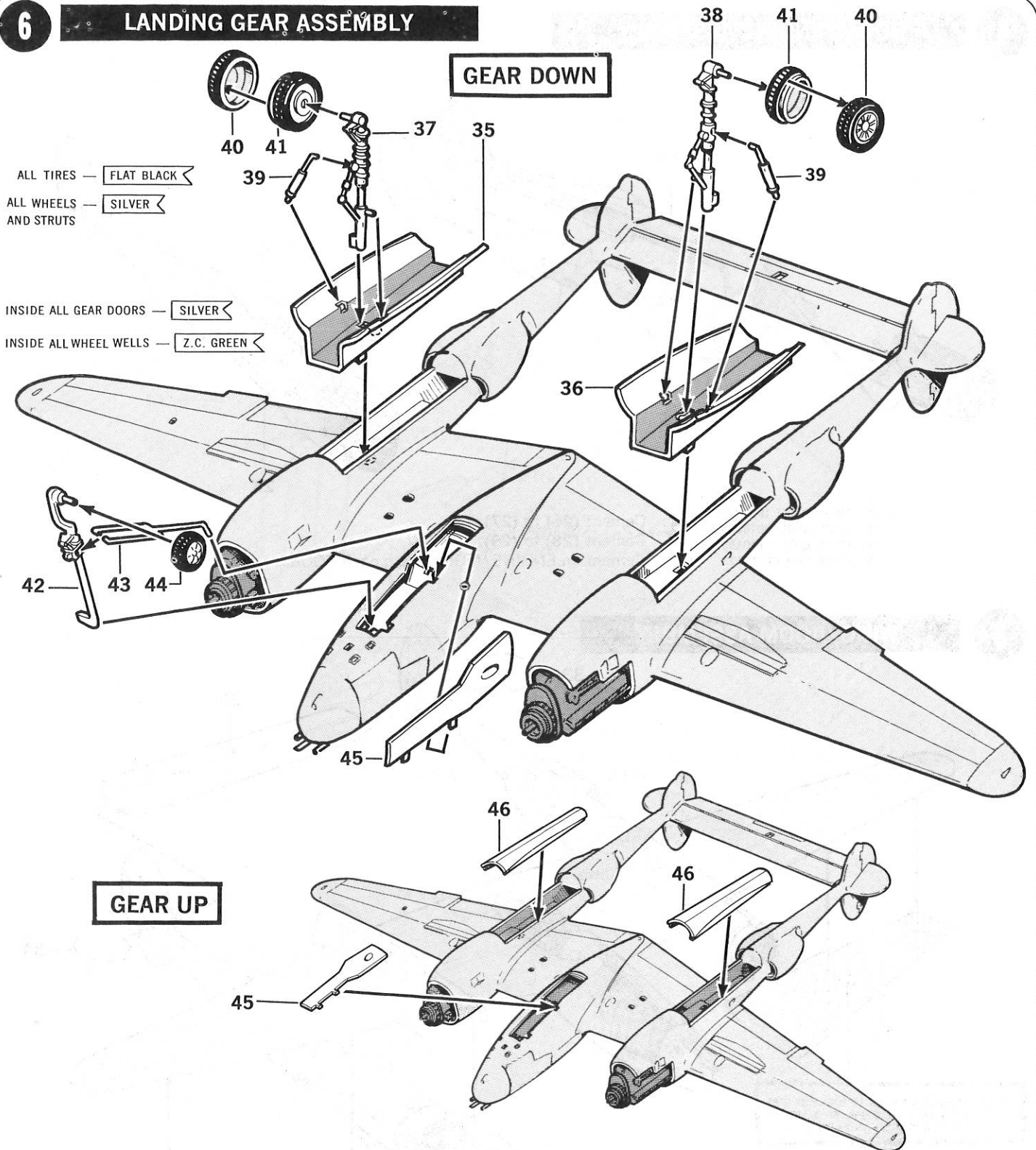
NOTE: IF YOU WISH TO USE PARTS (75) AND (76) — OPEN TWO HOLES IN PARTS (30) AND (31).

30 WING, LOWER RIGHT HALF
 31 WING, LOWER LEFT HALF
 32 STABILIZER, HORIZONTAL
 33 STABILIZER TIP, RIGHT
 34 STABILIZER TIP, LEFT

1. Cement BOOMS to WING.
2. Cement (30) and (31) to WING and BOOMS.
3. Spread BOOMS slightly, insert (32) and cement in place.
4. Cement (33) and (34) as shown.

6

LANDING GEAR ASSEMBLY



GEAR DOWN

GEAR UP

- 35 DOOR ASSEMBLY, OPEN, LEFT
- 36 DOOR ASSEMBLY, OPEN, RIGHT
- 37 STRUT, MAIN GEAR, LEFT
- 38 STRUT, MAIN GEAR, RIGHT
- 39 SIDE BRACE, MAIN GEAR (2 Parts)
- 40 WHEEL, OUTBOARD HALF (2 Parts)
- 41 WHEEL, INBOARD HALF (2 Parts)
- 42 STRUT, NOSE GEAR
- 43 LINK, RETRACT, NOSE GEAR
- 44 WHEEL
- 45 DOOR, NOSE GEAR
- 46 DOOR, MAIN GEAR, CLOSED (2 Parts)

YOUR P-38 CAN BE BUILT WITH THE LANDING GEAR UP OR DOWN AS YOU WISH.
GEAR DOWN

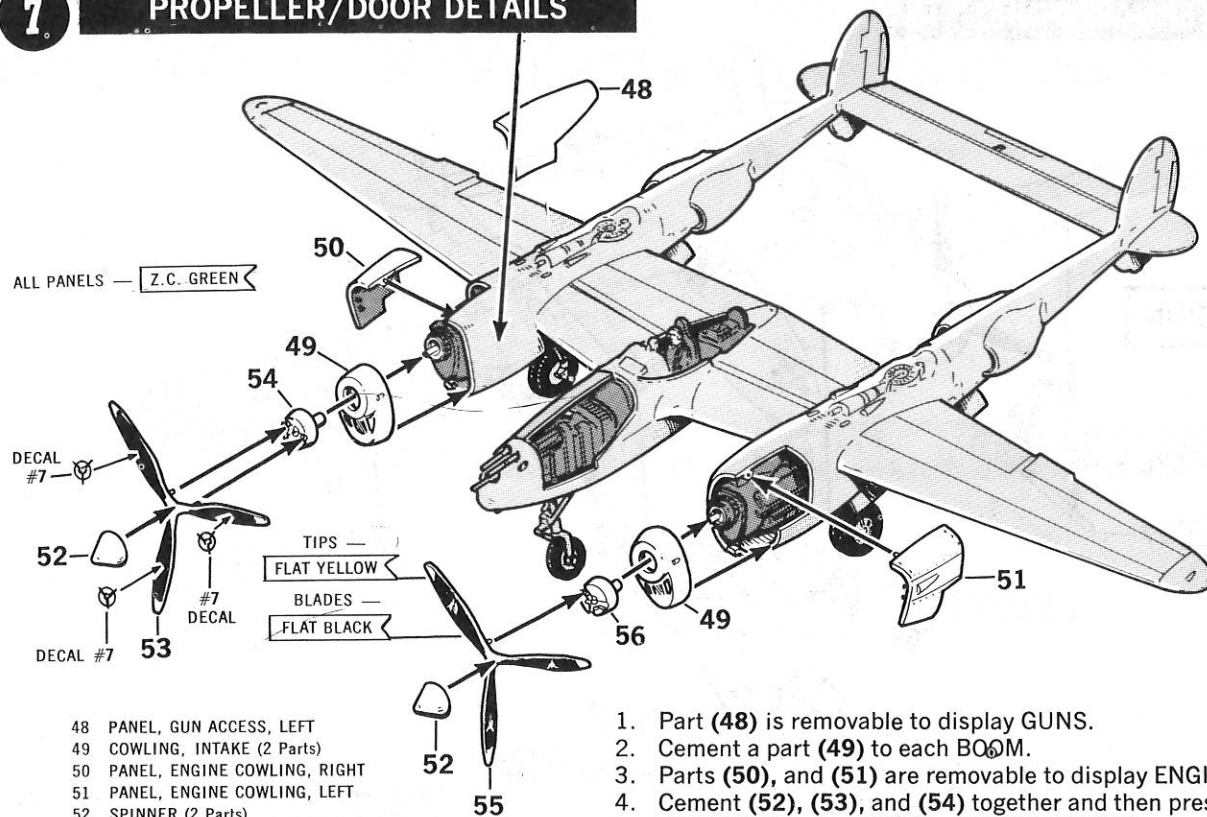
1. Cement (35) into LEFT BOOM and (36) into RIGHT BOOM.
2. Cement (37) into LEFT BOOM and (38) into RIGHT BOOM.
3. Cement a part (39) to each LANDING GEAR.
4. Cement (40) to (41), make two WHEELS and cement one to each LANDING GEAR.
5. Cement (42) and (43) together and then cement them into FUSELAGE.
6. Cement (44) to NOSE GEAR and cement (45) to FUSELAGE in OPEN position.

GEAR UP

7. Cement (45) and two parts (46) to plane in CLOSED position.

7

PROPELLER/DOOR DETAILS



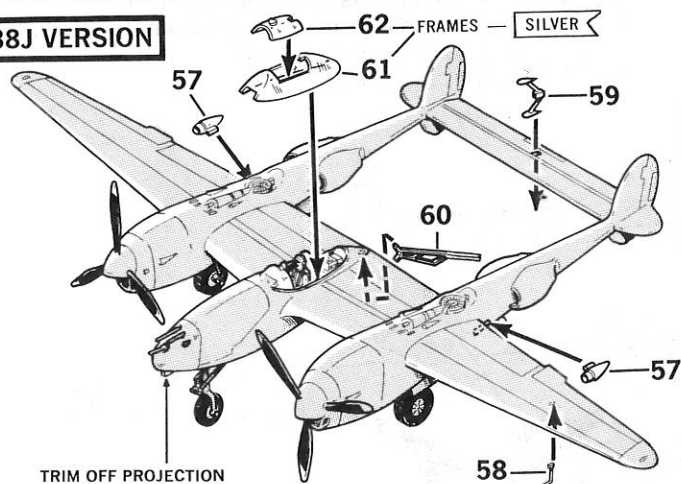
- 48 PANEL, GUN ACCESS, LEFT
 49 COWLING, INTAKE (2 Parts)
 50 PANEL, ENGINE COWLING, RIGHT
 51 PANEL, ENGINE COWLING, LEFT
 52 SPINNER (2 Parts)
 53 PROPELLER, RIGHT (2 Pins on Rear)
 54 PLATE, RIGHT (2 Locating Holes)
 55 PROPELLER, LEFT (1 Pin on Rear)
 56 PLATE, LEFT (1 Locating Hole)

1. Part (48) is removable to display GUNS.
2. Cement a part (49) to each BOOM.
3. Parts (50), and (51) are removable to display ENGINES.
4. Cement (52), (53), and (54) together and then press PROPELLER onto SHAFT of RIGHT ENGINE.
5. Cement (52), (55), and (56) together and then press PROPELLER onto SHAFT of LEFT ENGINE.
6. Apply DECALS to each PROPELLER BLADE.

8

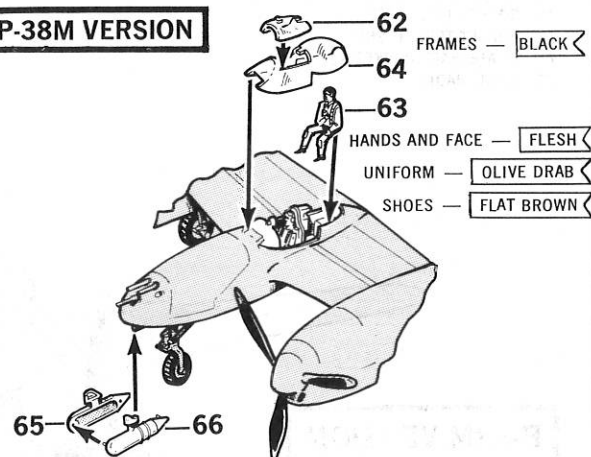
FINAL DETAILS

P-38J VERSION



- 57 AIRSCOOP, CARBURETOR (2 Parts)
 58 PITOT TUBE
 59 MASS BALANCE WEIGHTS
 60 LADDER, BOARDING
 61 CANOPY (Clear)
 62 CANOPY TOP (Clear)
 63 RADAR OPERATOR M
 64 CANOPY (Clear) M
 65 RADOME, RIGHT HALF M
 66 RADOME, LEFT HALF M

P-38M VERSION



1. Cement a part (57) to each BOOM and then cement (58) to the LEFT WING and (59) to the HORIZONTAL STABILIZER.
2. Cement (60) to FUSELAGE only if the LANDING GEAR is in the DOWN position.

J VERSION

3. Cement (61) to FUSELAGE. Cement (62) to CANOPY in OPEN or CLOSED position.
4. Trim off small projection under nose of FUSELAGE.

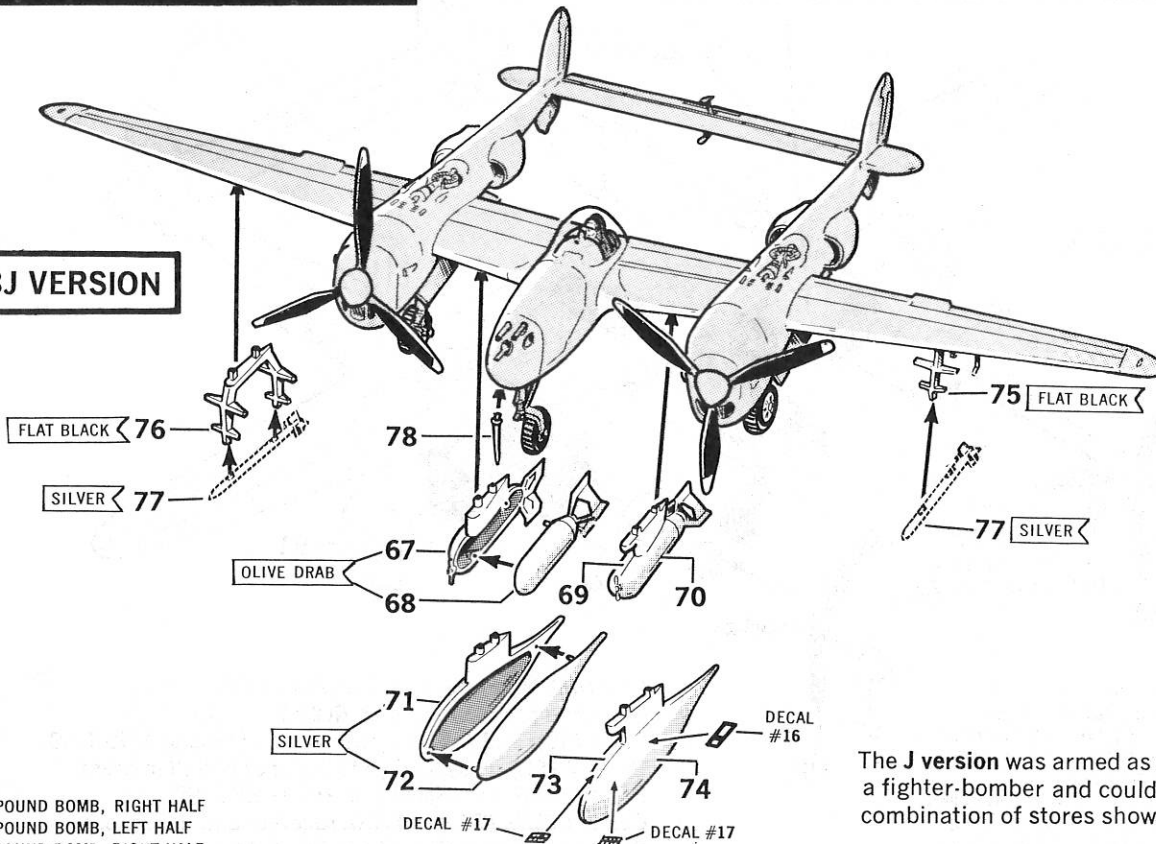
M VERSION

5. Cement (63) into FUSELAGE and (64) onto FUSELAGE.
6. Cement (62) to CANOPY in OPEN or CLOSED position.
7. Cement (65) and (66) together; then cement RADOME to FUSELAGE.
8. See 4-VIEW DRAWINGS of P-38J or P-38M for additional DECAL placement and painting suggestions.

9

EXTERNAL STORES

P-38J VERSION

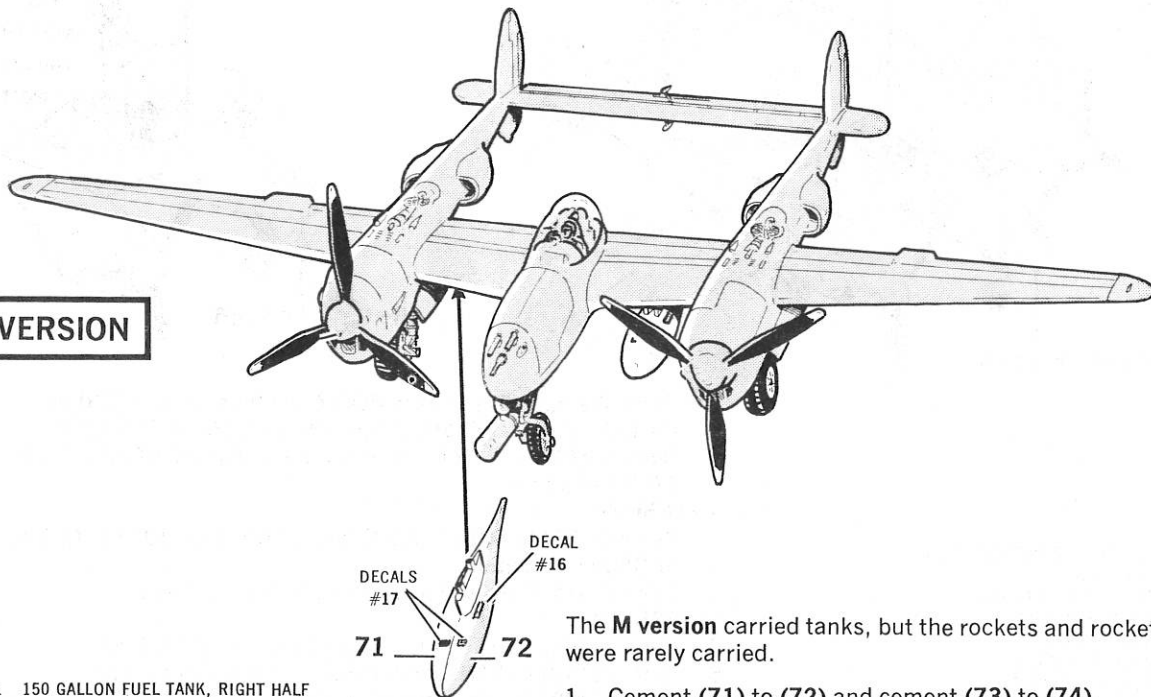


- 67 2000 POUND BOMB, RIGHT HALF
- 68 2000 POUND BOMB, LEFT HALF
- 69 2000 POUND BOMB, RIGHT HALF
- 70 2000 POUND BOMB, LEFT HALF
- 71 150 GALLON FUEL TANK, RIGHT HALF
- 72 150 GALLON FUEL TANK, LEFT HALF
- 73 150 GALLON FUEL TANK, RIGHT HALF
- 74 150 GALLON FUEL TANK, LEFT HALF
- 75 ROCKET TREE, LEFT
- 76 ROCKET TREE, RIGHT
- 77 5" AIRCRAFT ROCKET (10 Parts)
- 78 MAST, RADIO

The **J version** was armed as a fighter or as a fighter-bomber and could carry any combination of stores shown.

1. Cement (67) to (68) and cement (69) to (70).
2. Cement (71) to (72) and cement (73) to (74).
3. Apply DECALS to TANKS as shown.
4. Cement desired stores on model as shown.
5. Cement (75) and (76) to WING as shown. Ten parts (77) can be cemented to trees if you wish.
6. Cement (78) to FUSELAGE.

P-38M VERSION



- 71 150 GALLON FUEL TANK, RIGHT HALF
- 72 150 GALLON FUEL TANK, LEFT HALF
- 73 150 GALLON FUEL TANK, RIGHT HALF
- 74 150 GALLON FUEL TANK, LEFT HALF

The **M version** carried tanks, but the rockets and rocket launchers were rarely carried.

1. Cement (71) to (72) and cement (73) to (74).
2. Apply DECALS to TANKS as shown.
3. Cement TANKS to WING as shown.