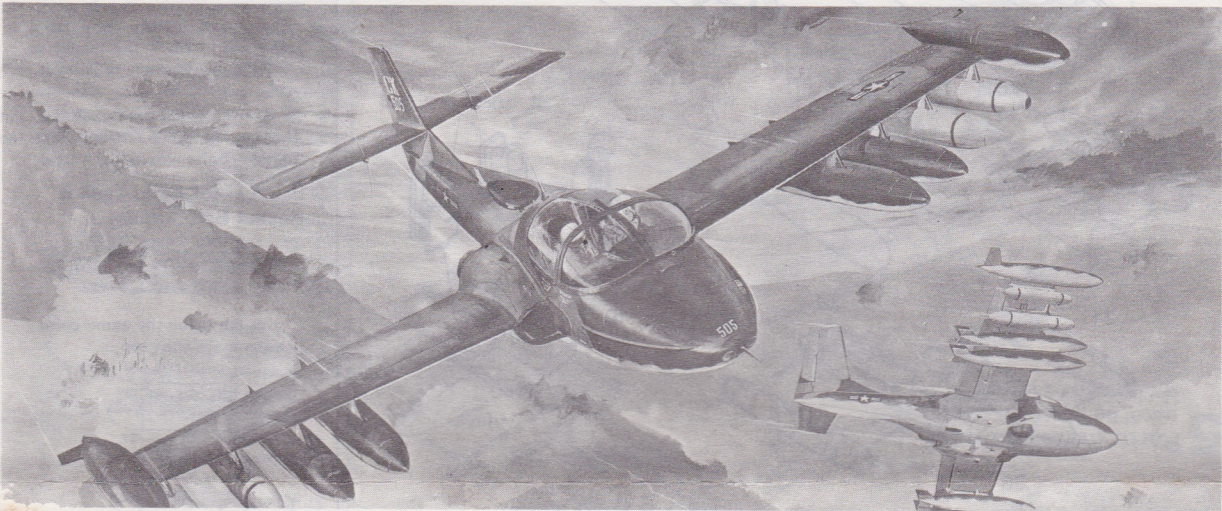


# A-37A/B CESSNA



Kit No. 036

1/72 Scale Series Kit No. JS-072



## HISTORY

Commented by: T. Nozawa

Intended by the U.S. Air Force for armed counter-insurgency (COIN) operations, to be able to take-off from short unimproved airstrips, the Cessna A-37A/B was developed from the T-37 jet trainer. This turbojet, with side by side seats, is light in weight and provides wide visibility. The prototype was the XT-37, which made its first flight in 1954; and the YAT-37D an improved model, flew for the first time on October 22, 1963. From the experience gained in the Vietnam War, the combat arms (rockets, bombs, napalm bombs, etc.) are carried on the pylons. The YAT-37D specialized in attacking enemy forces and truck convoys from low altitudes. A GAU-2, 7.62 mm mini-gun, with 1500 rounds, is installed in the forward fuselage for ground attacks. The rockets, bombs, napalm bombs and other arms are carried on the 8 pylons under the wing. In spite of its small size, the load capacity is increased, and it is capable of carrying arms to a maximum weight of 2,550 kg., and when necessary can be converted to carry auxiliary fuel tanks instead of arms. The A-37B, with an increased power plant, is the

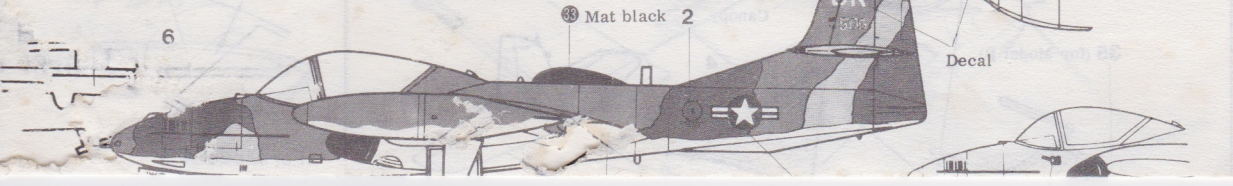
production model which served in the Vietnam War succeeding the A-37A. The radome is situated between the canopy and the tail wing.

The aircraft is painted in the typical Vietnam camouflage patterns. The armament control panel is in front of the left seat, when the aircraft is operated by one pilot.

Crew	: 1 - 2
Power plant	: General Electric J85-GE-17A Turbojet Engine; Thrust, 1,290 kg. x 2
Wing span	: 10.93 m
Overall length	: 8.93 m
Wing area	: 17.1 m <sup>2</sup>
Weight	: Empty; 2,650 kg., Equipped; 6,350 kg.
Max. speed	: 815 km/h.
Cruising speed	: 785 km/h.
Service ceiling	: 12,730 m
Range	: 920 km (standard) - 1,630 km (maximum)
Take-off run	: 620 m
Landing run	: 1,265 m

## Marking & Color Painting Guide

• 604th Special Tactical Squadron (A-37A)

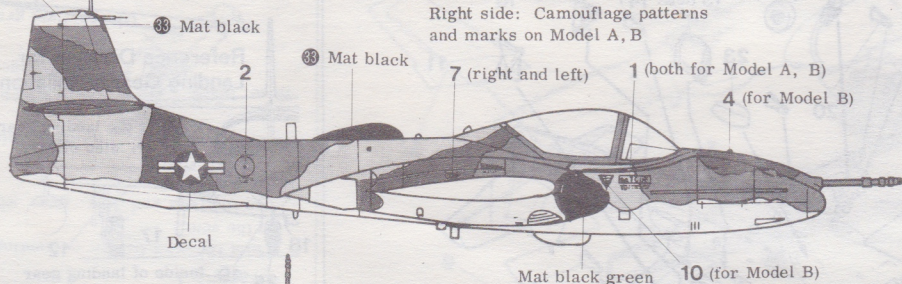




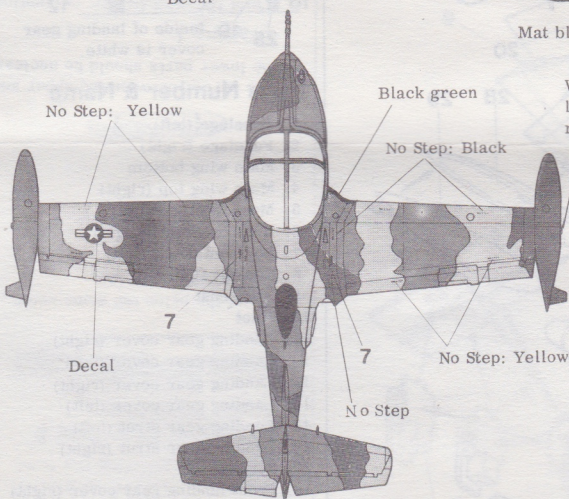
# 434th Special Tactical Regiment (A37-B)

Tip: (39) Black

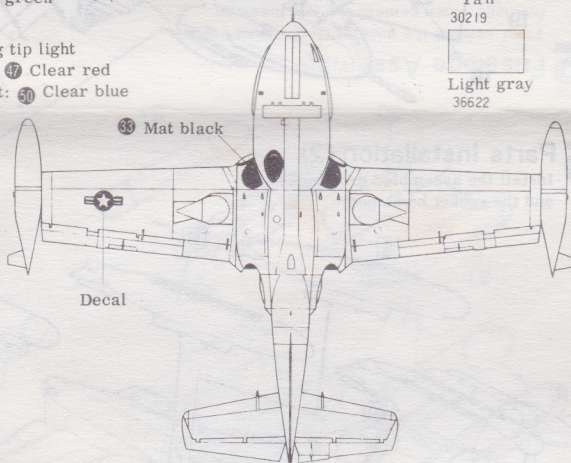
Cobalt blue



Right side: Camouflage patterns and marks on Model A, B



Wing tip light  
left: (47) Clear red  
right: (50) Clear blue



## Painting

## Decals

## Model Colors

Dark green  
34079

Medium green  
34102

Tan  
30219

Light gray  
36622

The landing gear housing, interior of the cover, and strut are painted white. The pilot seat is gray; head rest, red. In mixing the camouflage colors, first start with a small amount of paint and when you have the desired tone, add more paint. The border between the camouflage colors is unclear.

1. Cut out the decal and remove the film covering.
2. Place in water for 20 seconds.
3. Slide off the decal from the paper and position it at the proper place.
4. Press the transferred decal with a soft cloth and remove the moisture.

Medium green (34102): (34) + a little (1), (39)  
Dark green (34079): (16) + a little (33) + less (4)  
Tan (30219): (43) + (41) ... equivalent + a little (33)  
Light gray (36622): (62) + a little (11)  
Aircraft gray (16473): (11) + a little (20)

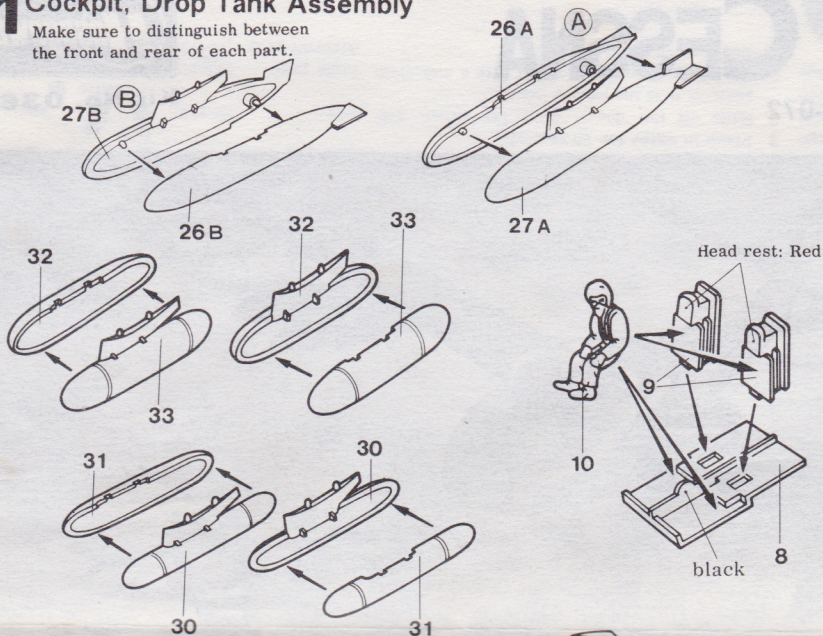


MANUFACTURED IN JAPAN  
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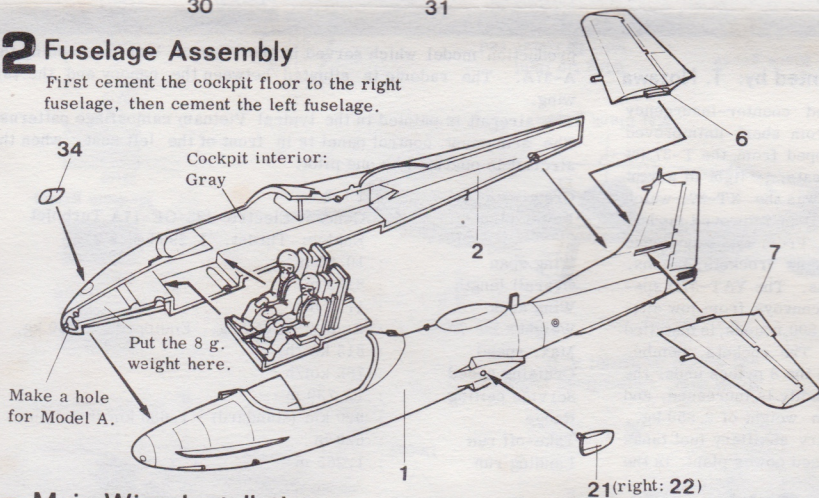
# 1 Cockpit, Drop Tank Assembly

Make sure to distinguish between the front and rear of each part.

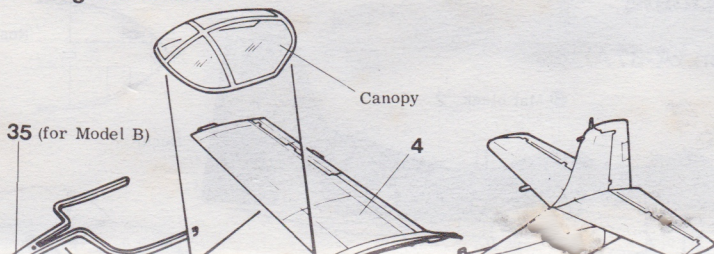


# 2 Fuselage Assembly

First cement the cockpit floor to the right fuselage, then cement the left fuselage.



# 3 Main Wing Installation



## ★ Before Assembling

- First read all the instructions and follow them when working on the model.
- Cut off the parts from the stem with a nipper or cutter. First read all the introductions

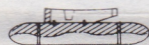
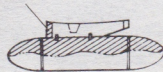
- ★ The model colors are from ① - ②. After the model is completed, be sure to paint it.

\*After the parts are taken out, cut the bag in pieces to prevent the infant from covering it's head.

## Painting for Drop Tank & Rocket Bomb Pod



Paint the pylon the same color as the main wing top.



The border between the upper and the lower parts should be unclear.

## Drawing-1

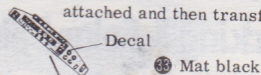
Paint the pilot before cementing to the seat.

Use the light and dark gray when painting the cockpit.

- Mask: green
- Helmet: white
- Hose: black
- Belt: green
- Suit: orange
- Gloves: light gray
- Boots: black

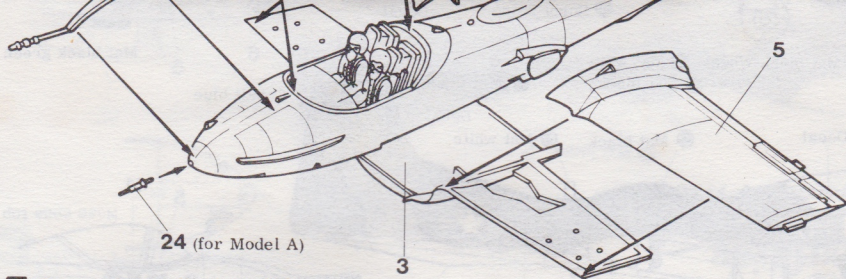
## Drawing-2

Cut the decal with cardboard attached and then transfer.

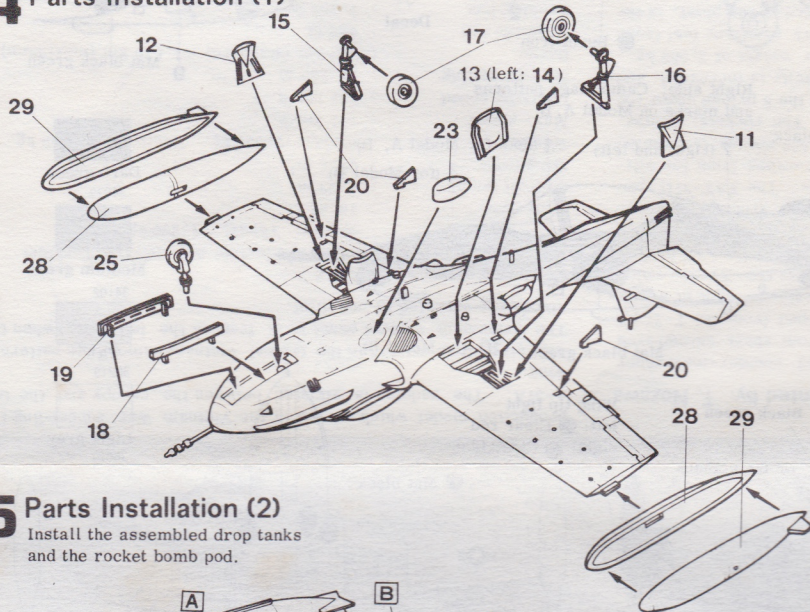


\* For Model A



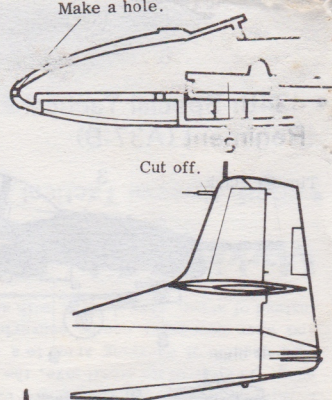
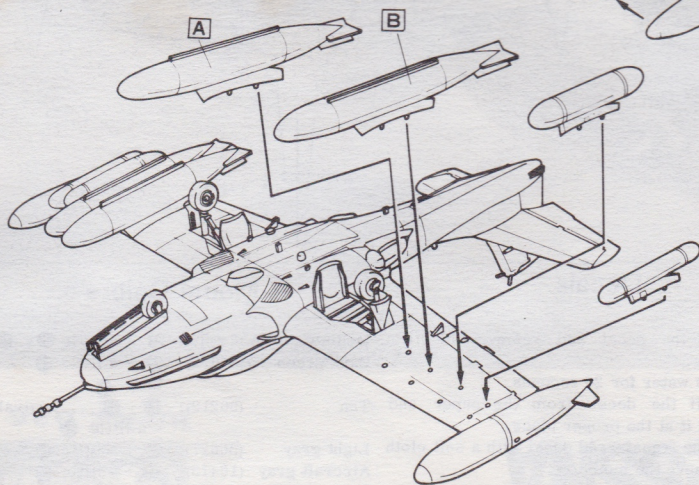


## 4 Parts Installation (1)

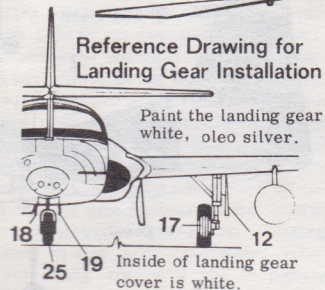


## 5 Parts Installation (2)

Install the assembled drop tanks and the rocket bomb pod.



## Reference Drawing for Landing Gear Installation



## Parts Number & Name

1. Fuselage (left)
2. Fuselage (right)
3. Main wing bottom
4. Main wing top (right)
5. Main wing top (left)
6. Horizontal tail (right)
7. Horizontal tail (left)
8. Cockpit floor
9. Pilot seat
10. Pilot
11. Landing gear cover (right)
12. Landing gear cover (left)
13. Landing gear cover (right)
14. Landing gear cover (left)
15. Landing gear strut (left)
16. Landing gear strut (right)
17. Tire
18. Front landing gear cover (right)
19. Front landing gear cover (left)
20. Hinge
- 21-22. Reduction plate
23. Radome
24. Pitot tube
25. Front wheel
- 26-27. Drop tank
- 28-29. Tip tank
- 30-33. Rocket bomb pod
34. Mini-gun
35. Re-fuelling probe  
Canopy

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