

V.T.O.

VERTICAL TAKE-OFF

XFV-1 "POGO" ASSEMBLY INSTRUCTIONS

BEFORE ASSEMBLING THE V.T.O. CAREFULLY STUDY SKETCH AND PLACE ALL PARTS ON WORK TABLE AS INDICATED.

IMPORTANT: — APPLY CEMENT TO INSIDE SURFACES ONLY. AVOID GETTING CEMENT ON OUTER SURFACES OF PLANE SECTIONS. USE CEMENT VERY SPARINGLY AND AVOID GETTING CEMENT ON HANDS, SO AS NOT TO MAR OR SMEAR PLASTIC SURFACES.

IN ORDER TO OBTAIN MAXIMUM STRENGTH AND NEATNESS, IT IS SUGGESTED THAT ALL CEMENTED SUB-ASSEMBLIES BE GIVEN AMPLE TIME TO DRY BEFORE FURTHER HANDLING.

DO NOT HURRY — WORK CAREFULLY AND PATIENTLY.

FOR BEST RESULTS ASSEMBLE PLANE EXACTLY IN THE ORDER INDICATED.

1. Assemble COUNTER-ROTATING PROPELLERS together as follows:

- Place SPUR GEARS onto PROPELLER SHAFT with GEAR END pointing towards center of shaft as indicated in Figure 1.
- Insert PROPELLER SHAFT into corresponding hole in LOWER PROPELLER so that GEARS mesh with pegs on inside of LOWER PROPELLER.
- Slip UPPER PROPELLER onto upper end of PROPELLER SHAFT in proper position so that pegs on inside of UPPER PROPELLER mesh with SPUR GEARS.
- Hold UPPER and LOWER PROPELLERS in mesh with internal SPUR GEARS by grasping same between thumb and index finger as shown in Figure 2. Then apply a very small drop of cement to UPPER end of PROPELLER SHAFT and slip cone-shaped CAP over UPPER end of PROPELLER SHAFT, pushing CAP down as far as it will go.
Important: — CONE-SHAPED CAP is on TOP, FLANGED CAP is on the bottom. See Figure 2.
- Similarly apply a very small drop of cement to LOWER END of PROPELLER SHAFT and slip FLANGED CAP onto LOWER END of SHAFT, pushing down as far as it will go. Caution: — Use very little cement so as not to fuse PROPELLERS and SHAFT together.

Check assembly by holding either CAP between thumb and index finger and turn one of the PROPELLERS — other PROPELLER should turn freely in opposite direction.

f. Attach SPINNER to upper PROPELLER. This is a tight fit. No cement is necessary.

PROPELLER ASSEMBLY is now complete. Set aside until ready to attach to ASSEMBLED FUSELAGE.

2. Cement LEFT WING TANK HALF (one with half-round hole in nose for PITOT TUBE) to MATING HALF of TANK (also with half-round hole) attached to LEFT WING by applying cement to inside edges of WING-TANK. Place together and allow to dry.

3. Using same procedure, cement RIGHT WING TANK HALF to MATING HALF attached to RIGHT WING. Allow to dry.

4. Cement PITOT TUBE to LEFT WING TANK by applying cement to back end of PITOT TUBE and inserting same into corresponding hole in nose of TANK on LEFT WING.

5. Cement LEFT WING and TANK ASSEMBLY to LEFT FUSELAGE by applying cement to edges of slot in fuselage as shown in Figure 3, and insert WING TAB into slot. Allow to dry.

6. Using same procedure, cement RIGHT WING ASSEMBLY to RIGHT FUSELAGE.

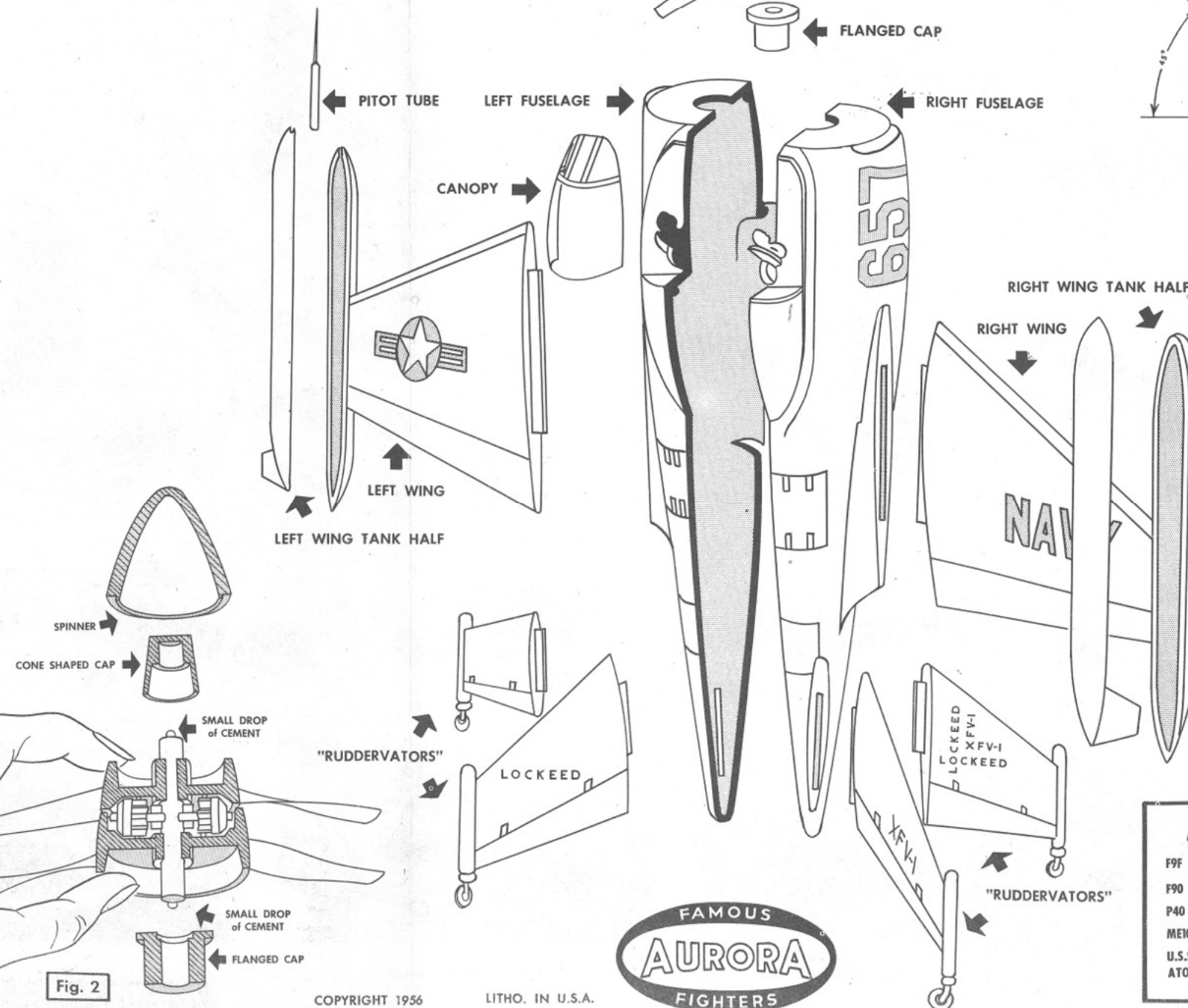
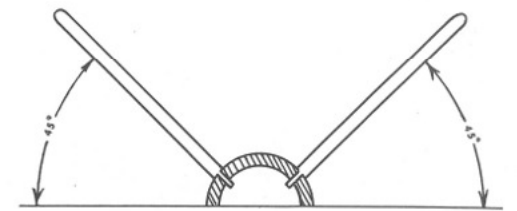
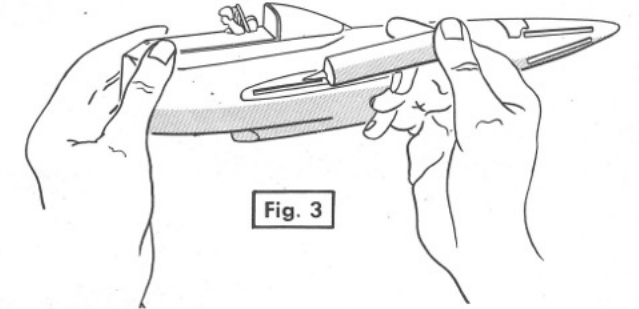
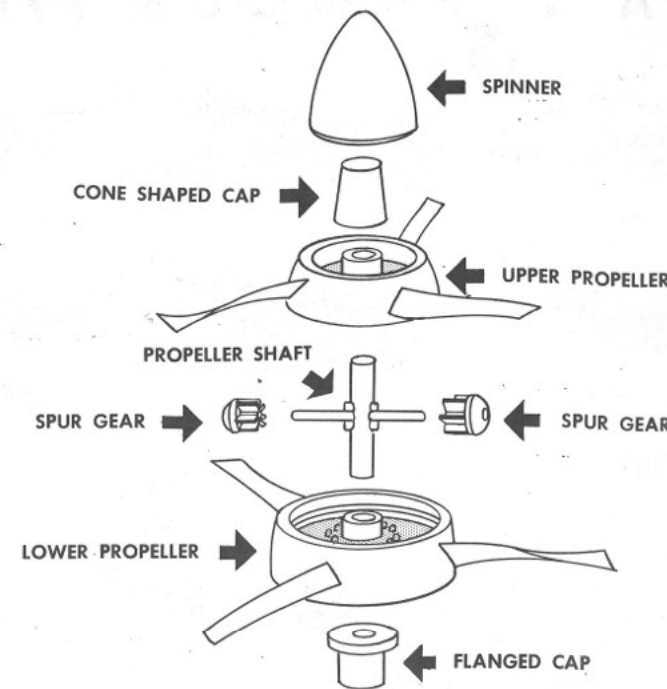
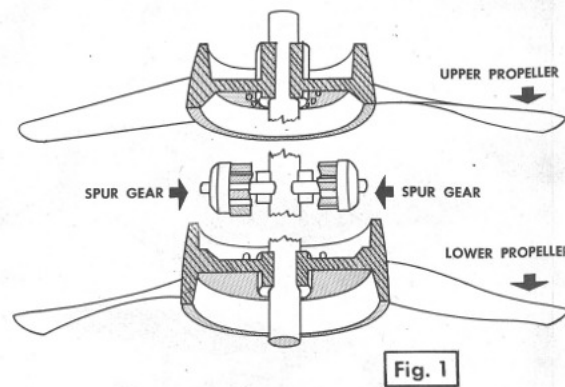
7. Cement "RUDDERVATORS" to LEFT and RIGHT FUSELAGE HALVES by applying cement to edges of slot in TAIL END of FUSELAGE and inserting TABS of "RUDDERVATORS" into slots. "RUDDERVATORS" must form an angle of 45° with center line of FUSELAGE. See Figure 4. Allow a few minutes for cement to dry before any further handling.

8. Cement FUSELAGE HALVES together by applying cement to inside edges of FUSELAGE HALVES. Join HALVES together and hold firmly for at least one minute to allow cement to dry.

9. Cement COUNTER-ROTATING PROPELLER ASSEMBLY to FUSELAGE by applying cement very sparingly to FLANGED HUB of PROPELLER ASSEMBLY and inserting same into corresponding hole in NOSE of FUSELAGE ASSEMBLY. Allow to dry.

10. Apply cement very sparingly to edges of COCKPIT CANOPY and press firmly into proper position over COCKPIT.

11. Cut out sections of decals to correspond with markings on plane. Read directions on back of DECALS before applying.



LOOK FOR OTHER AURORA KITS

F9F PANTHER JET	RUSSIAN MIG 19 <small>FORMERLY IDENTIFIED AS THE</small>	BRITISH SPITFIRE
F90 LOCKHEED	F86D SABRE JET	FOCKE-WULF 190
P40 FLYING TIGER	P38 LIGHTNING	F6F HELLCAT
ME109 MESSERSCHMITT	JAP ZERO	B26D BOMBER
U.S.S. NAUTILUS ATOMIC SUBMARINE	U.S.S. HALFORD DESTROYER	PIRATE SHIP BLACK FALCON

AURORA'S FAMOUS FIGHTERS

All Plastic Scale Model



KIT NO. 490
F-100 SUPER SABRE



KIT NO. 20
BRITISH SPITFIRE



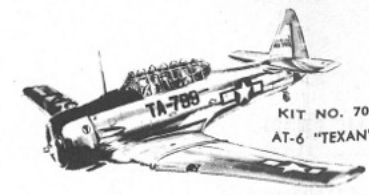
KIT NO. 30
FOCKE-WULF



KIT NO. 44
P40 FLYING TIGER



KIT NO. 55
ME109 MESSERSCHMITT



KIT NO. 70
AT-6 "TEXAN"



KIT NO. 80
SNJ NAVY TRAINER



KIT NO. 22
F9F PANTHER JET



KIT NO. 40
HELLCAT



KIT NO. 66
RUSSIAN MIG 19



KIT NO. 77
F86D SABRE JET



KIT NO. 33
F90 LOCKHEED



KIT NO. 99
P38 LOCKHEED LIGHTNING



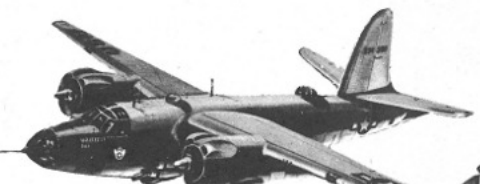
KIT NO. 115
BOEING P-26A



KIT NO. 116
CURTISS "HAWK" P-6E



KIT NO. 374
PBY "CATALINA"



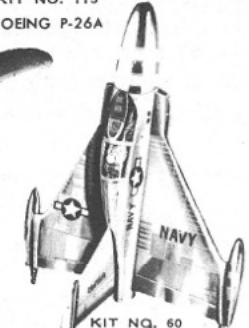
KIT NO. 371
B26 MARTIN "MARAUDER" BOMBER



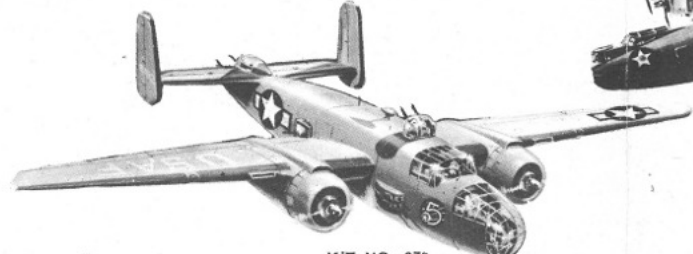
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CURTISS SBC-3 "HELLDIVER"



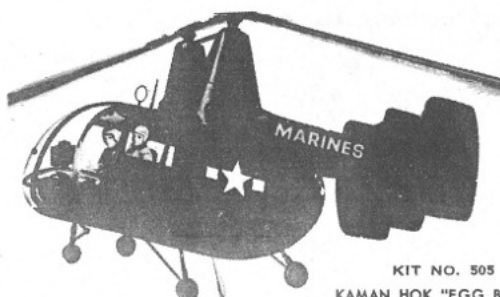
KIT NO. 372
B29 SUPERFORTRESS BOMBER



KIT NO. 60
CONVAIR VERTICAL TAKEOFF



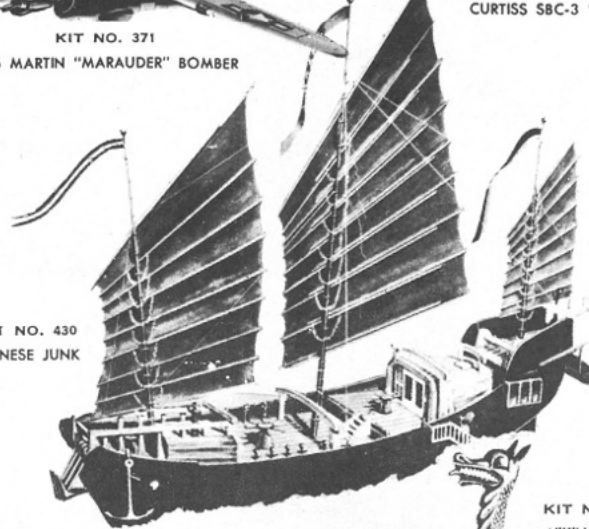
KIT NO. 373
B25 MITCHEL BOMBER



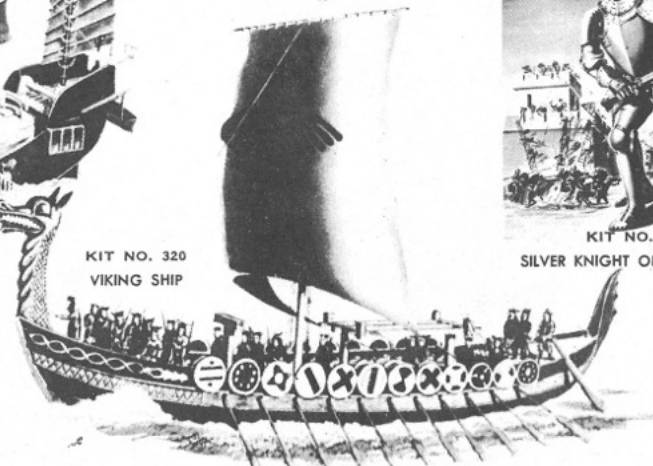
KIT NO. 505
KAMAN HOK "EGG BEATER"



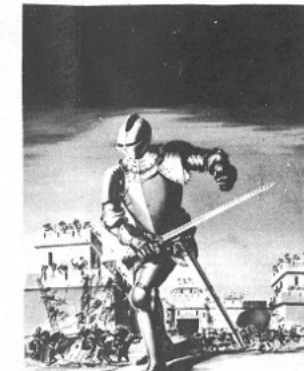
KIT NO. 501
HILLER RAM JET HELICOPTER



KIT NO. 430
CHINESE JUNK



KIT NO. 320
VIKING SHIP



KIT NO. K1
SILVER KNIGHT OF AUGSBURG



KIT NO. 103
BRITISH SE-5 SCOUT



KIT NO. 301
M-46 "PATTON" TANK



KIT NO. 101
FRENCH NIEUPORT



KIT NO. 106
FOKKER D-7



KIT NO. 104
GERMAN ALBATROSS D-3



KIT NO. 102
SOPWITH CAMP



KIT NO. 302
GERMAN "PANTHER" TANK



KIT NO. 303
RUSSIAN "STALIN" TANK



KIT NO. 502
PIASECKI H-25A "ARMY MULE"



KIT NO. 503
SIKORSKY S-55 "WINDMILL"



KIT NO. 504
PIASECKI H-21 "WORK HORSE"