# P-47B/D THUNDERBOLT



VQA142DC

VQ No: VQA142DC VQ No: VQA142DT VQ No: VQA142BT

ALL BALSA, PLYWOOD CONSTRUCTION AND ALMOST READY TO FLY

# Instruction manual / Montageanleitung

#### **SPECIFICATIONS**

Radio:.....7 Channel / 7 Servos Function: Ailerons-Elevator-Rudder-Throttle Flaps.

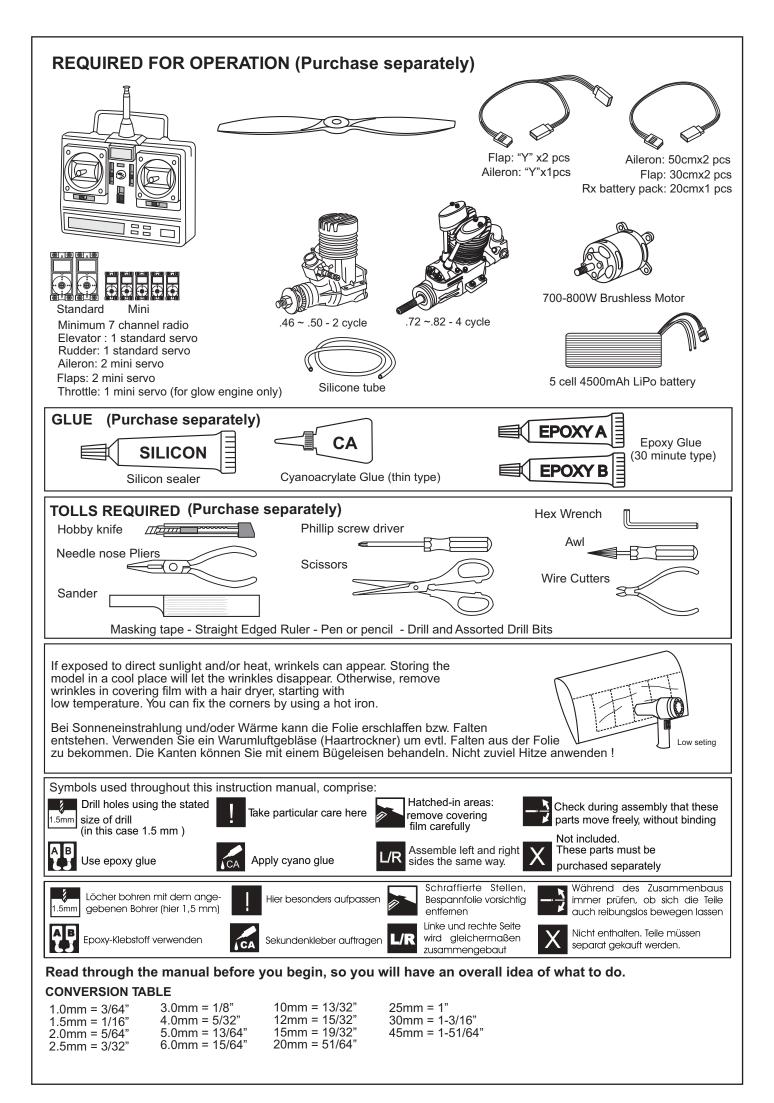
### **TECHNISCHE DATEN**

Spannweite:	1480mm
Länge:	1215mm
Elektroantrieb	.(siehe nächste Seite)
Verbrennerantrieb:	7.45cc - 11.5cc
Fluggewicht:	3.1Kg
Fernsteuerung	7 Kanal / 7 Servos



**WARNING!** This radio controlled model is NOT a toy. If modified or flown carelessly it could go out of controll and cause serious human injury or property damage. Before flying your airplane, ensure the air field is spacious enough. Always fly it outdoors in safe areas and seek professional advice if you are unexperienced.

**ACHTUNG!** Dieses ferngesteuerte Modell ist KEIN Spielzeug! Es ist für fortgeschrittene Modellflugpiloten bestimmt, die ausreichende Erfahrung im Umgang mit derartigen Modellen besitzen. Bei unsachgemässer Verwendung kann hoher Personen- und/oder Sachschaden entstehen. Fragen Sie in einem Modellbauverein in Ihrer Nähe um professionelle Unterstätzung, wenn Sie Hilfe im Bau und Betrieb benötigen. Der Zusammenbau dieses Modells ist durch die vielen Abbildungen selbsterklärend und ist für fortgeschrittene, erfahrene Modellbauer bestimmt.



# P-47 THUNDERBOLT 1- ENGINE MOUNT

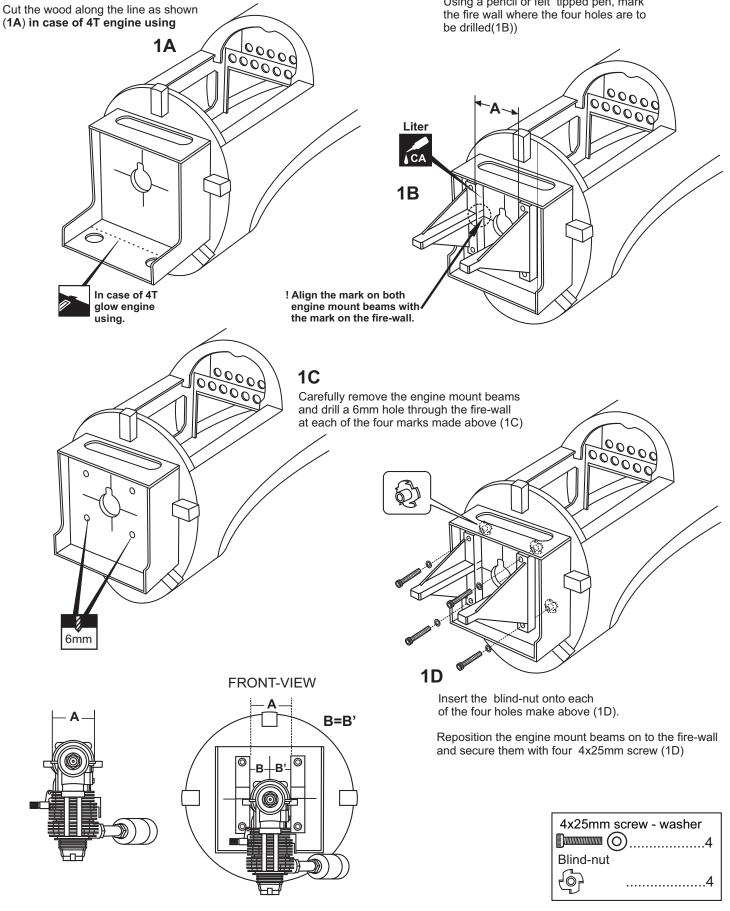
Push left (or right) the magnetic fuel tank hatch and full it out of the fuselage.

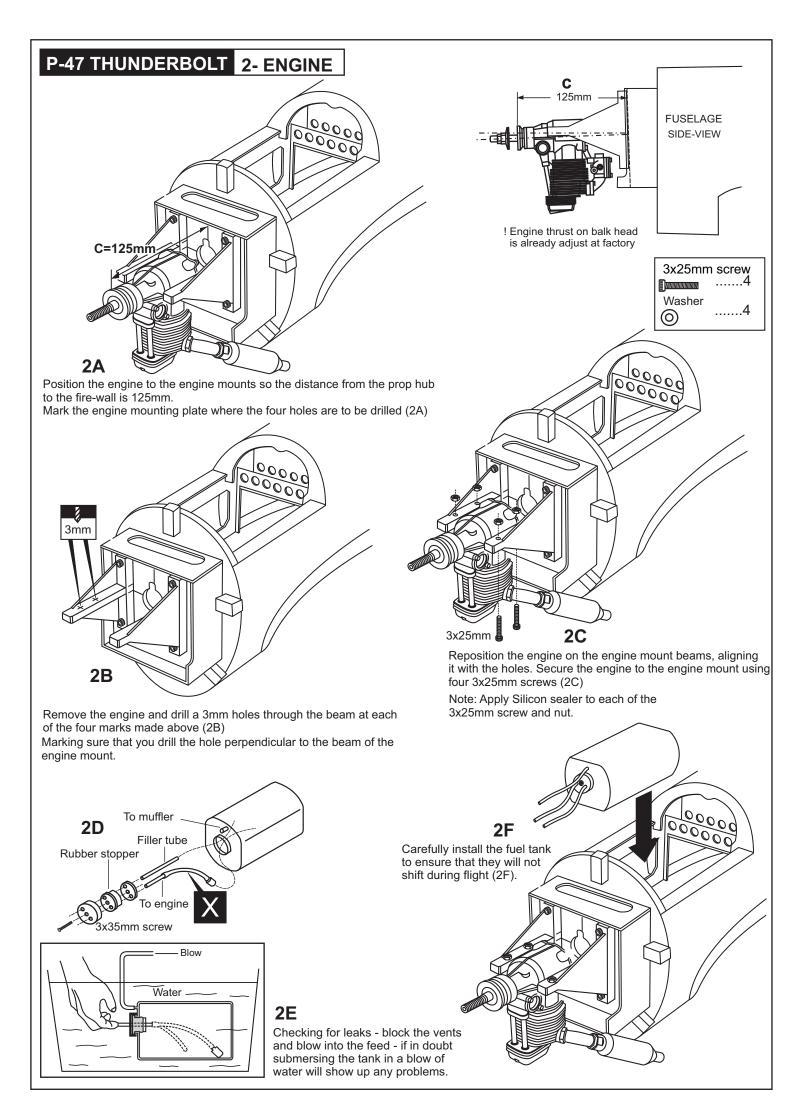
Attach the engine mount beams onto the fire-wall so the distance between of two engine mount beams is "A", and B=B' as show. Secure the engine mount beams onto the fire-wall

with litter CA glue (1B)

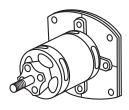
#### ! Align the mark on both engine mount beams with the mark on the fuselage

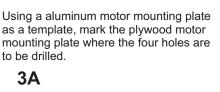
Using a pencil or felt tipped pen, mark the fire wall where the four holes are to be drilled(1B))





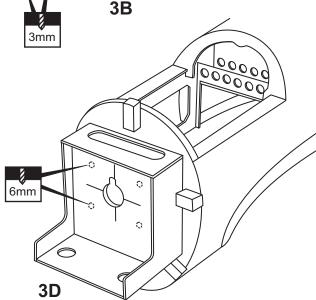
## P-47 THUNDERBOLT 3- ELECTRIC MOTOR





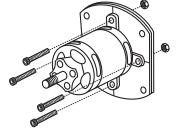


Remove the aluminum motor mounting plate and drill a 1/8"(3mm) hole through the plywood at each of the four marks marked .



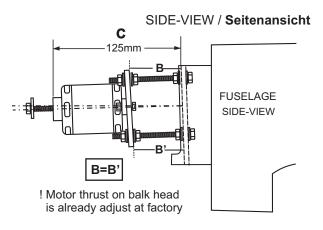
Remove the wooden motor mounting plate and drill a 6mm hole through the fire-wall at each of the four marks marked (3D).

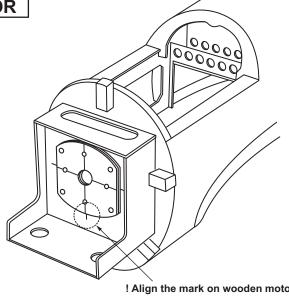
## 3F



Secure the Motor to the wooden motor mounting plate using the four 3mm bolts.



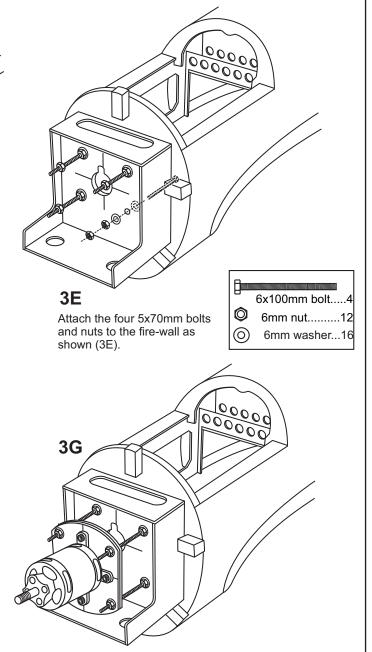


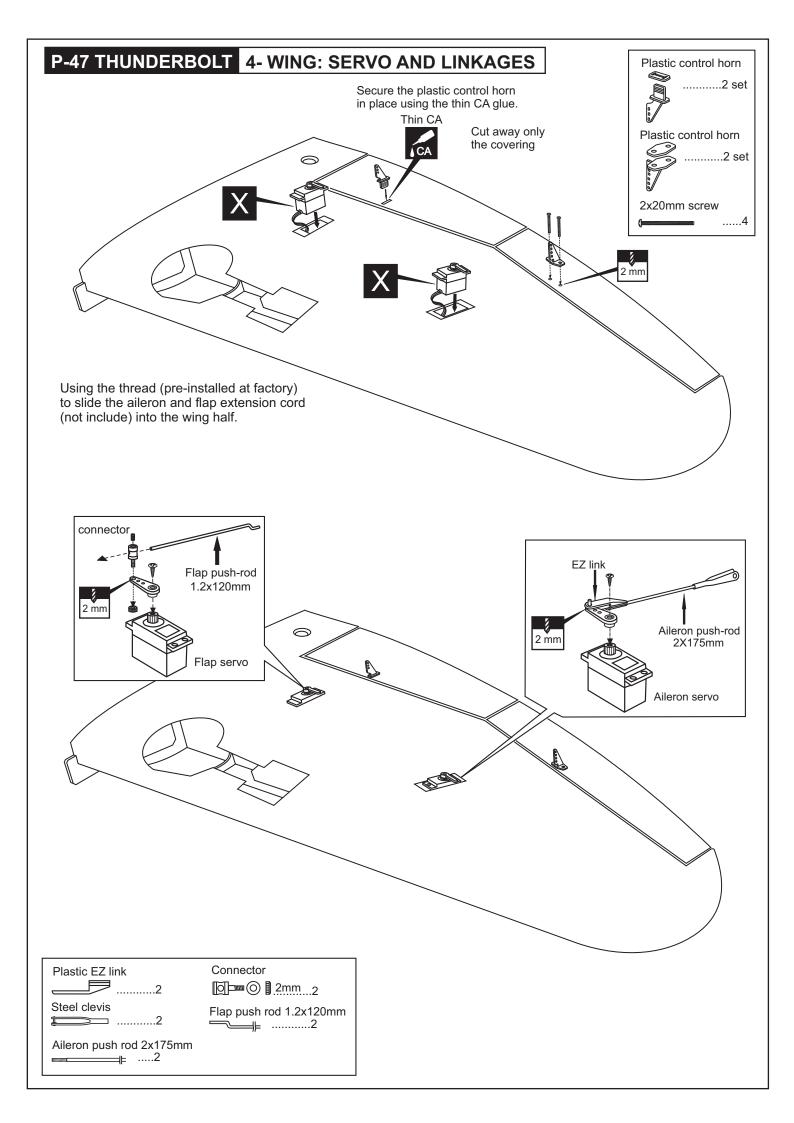


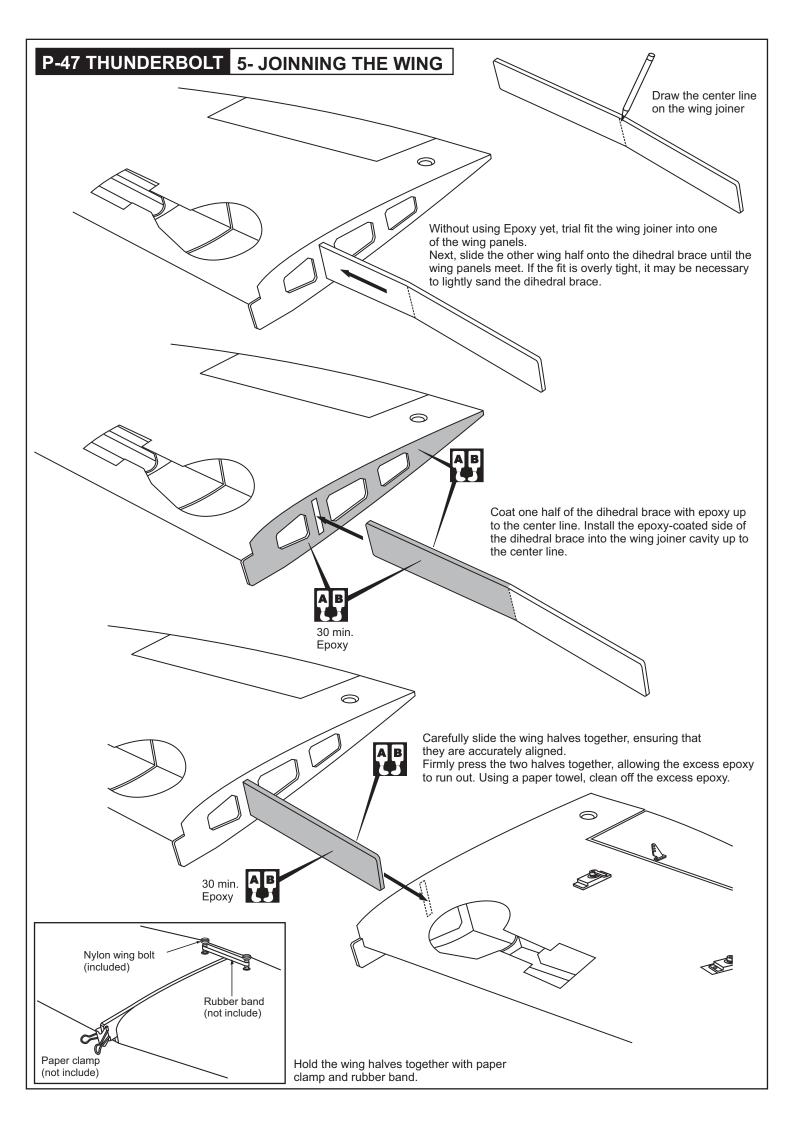
! Align the mark on wooden motor mounting plate with the mark on the fire-wall.

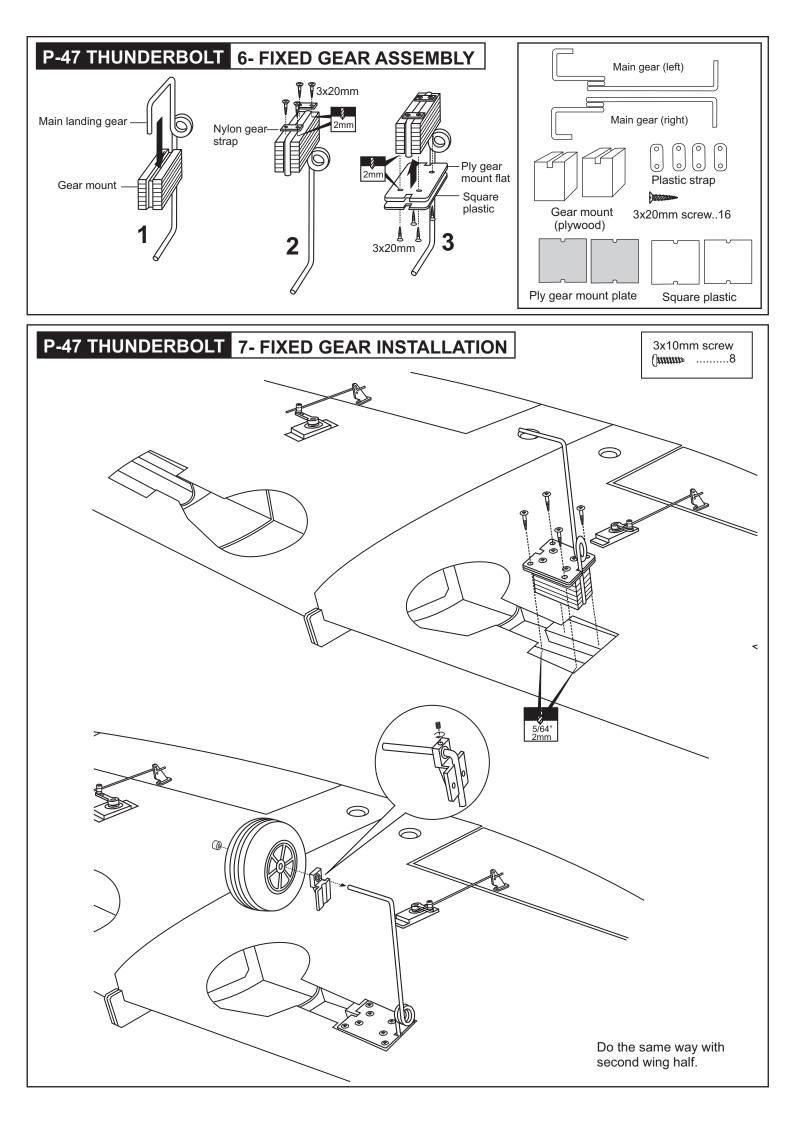
Using a wooden motor mounting plate as a template, mark the fire-wall where the four holes are to be drilled (3C).

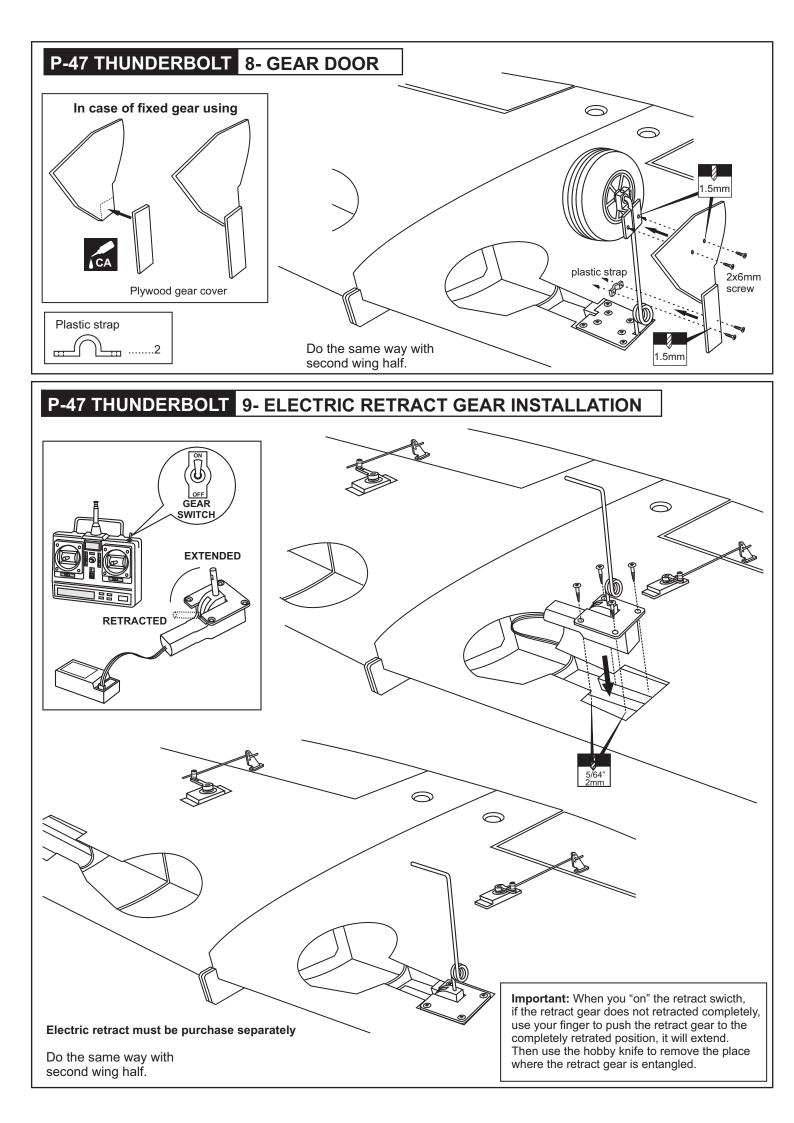
3**C** 











## P-47 THUNDERBOLT 10- STRUT AND GEAR DOOR ASSEMBLY Wheel Cover Parts 3mm 3mm plywood о С<sup>62A</sup> С G2 G1 C.A ٤١ GP2 GP1 Í CA Í CA G3 0 09 G2A Í CA G3 GP2 CA GP1

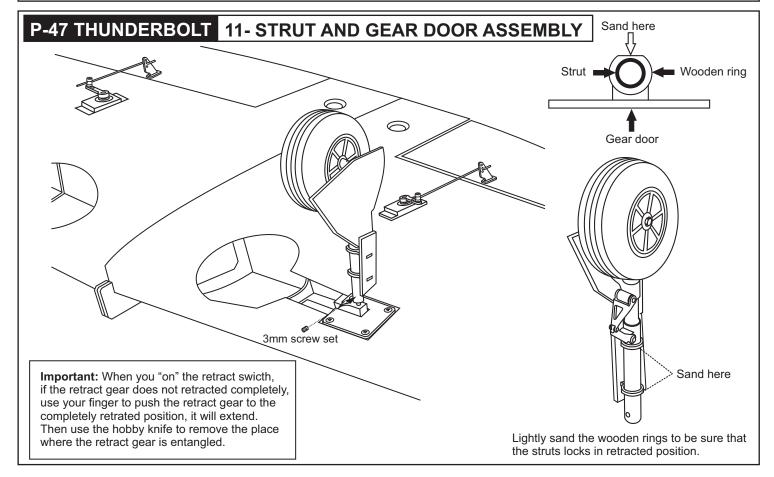
Glue the G2A to the Strut and G2, But **do not glue** the GP2 and GP1 to the Strut in this time.

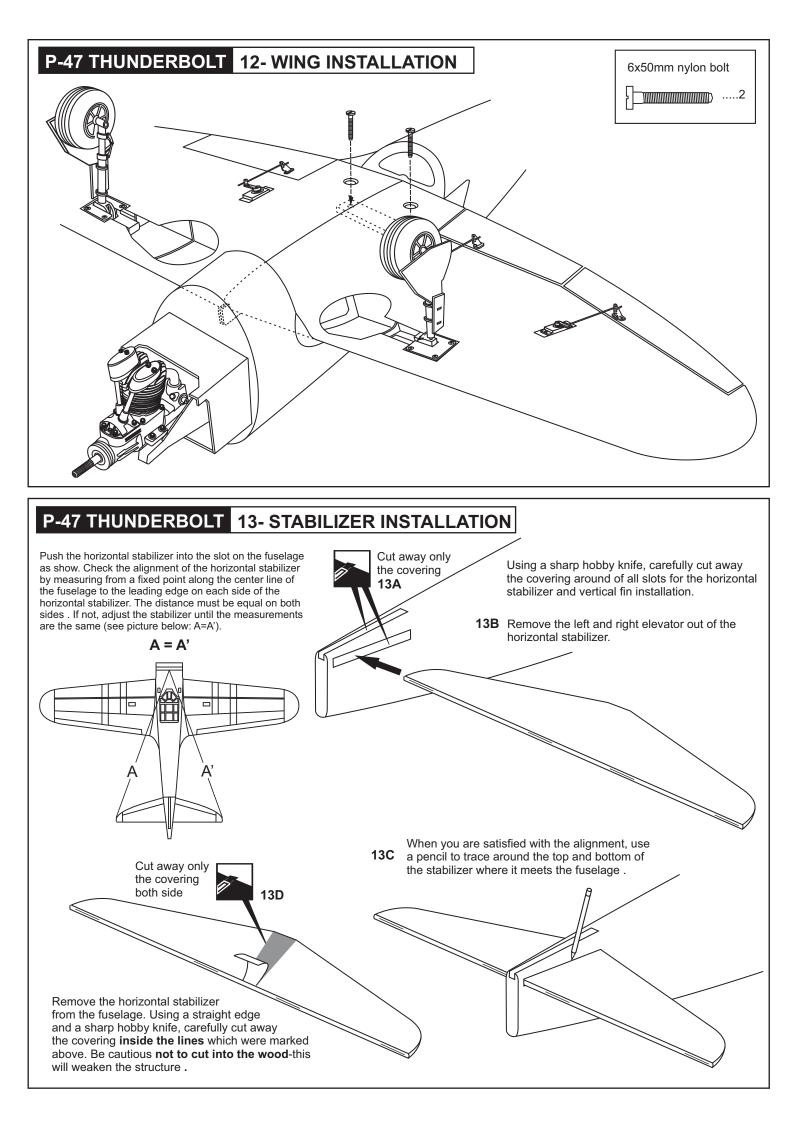
Glue the G3 to the G2A

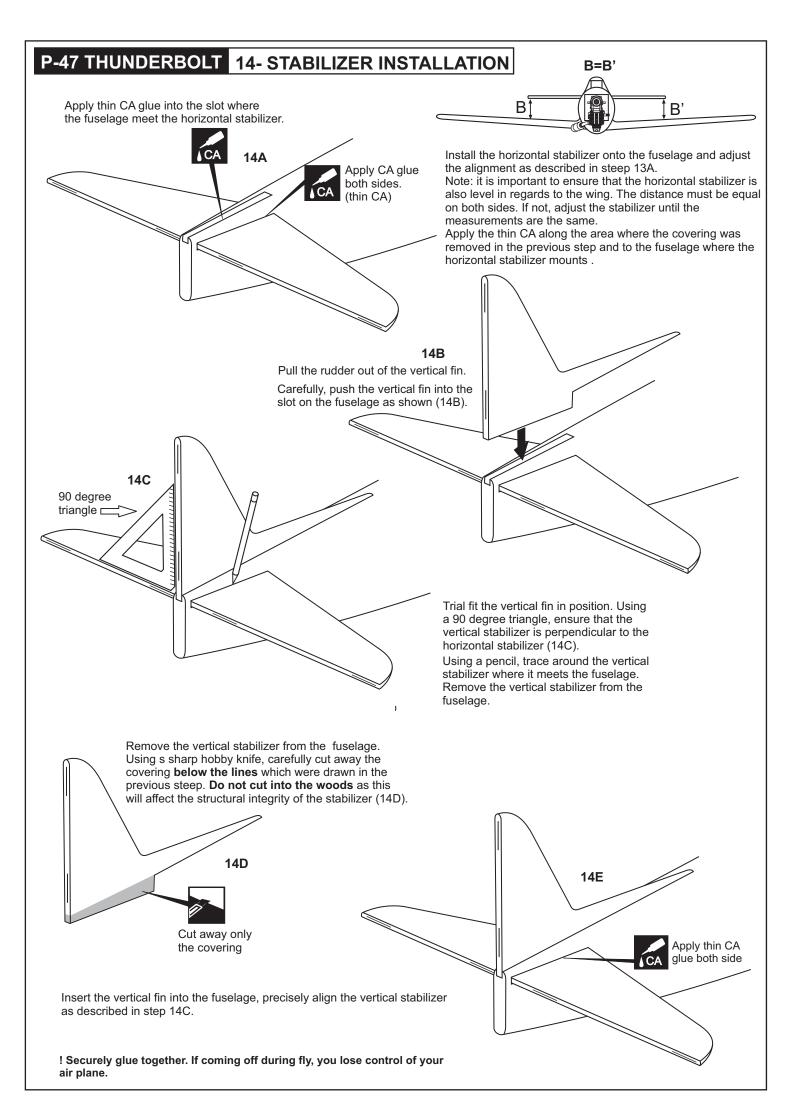
Glue the GP2 and GP1to the Strut.

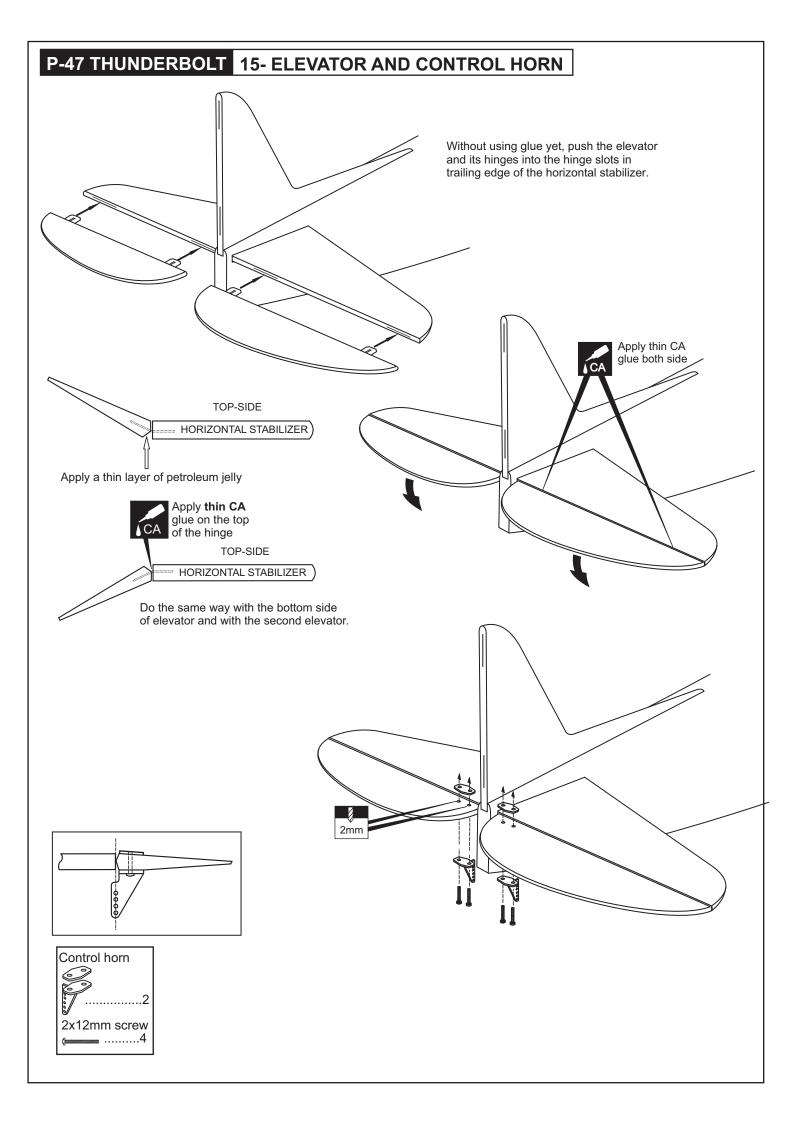
Adjust the GP2 and GP1

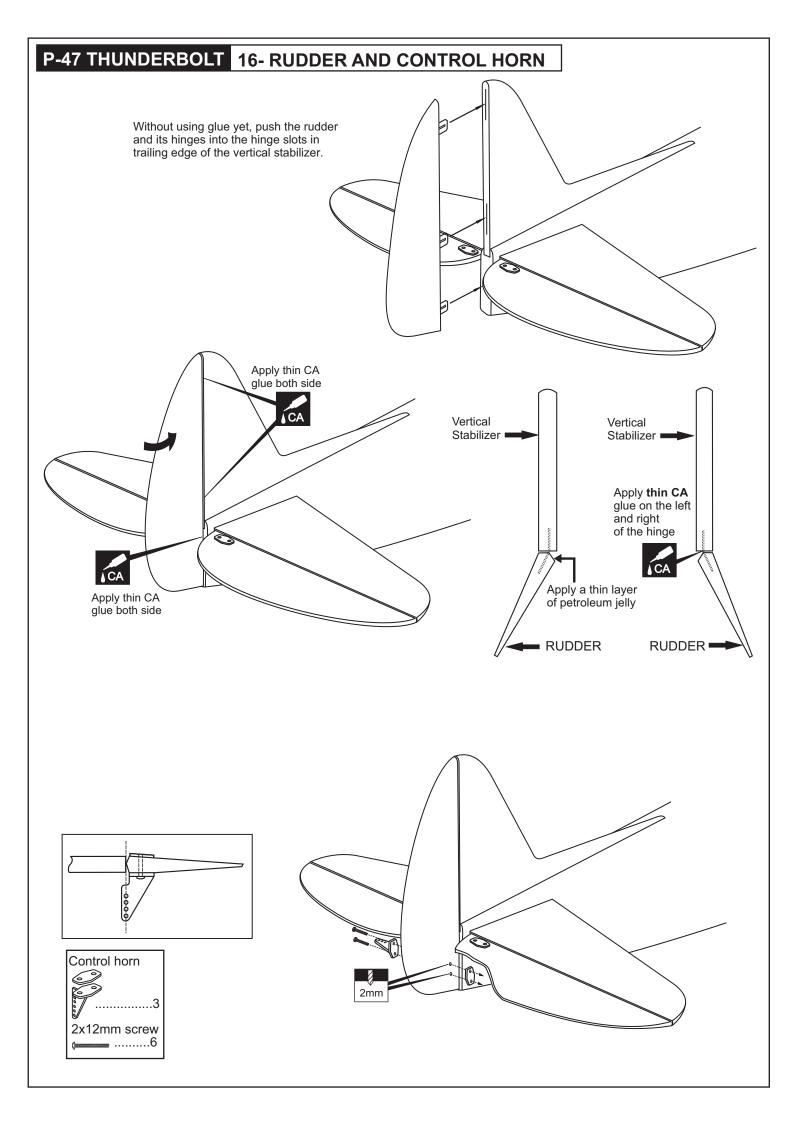
before glue them to the G1.





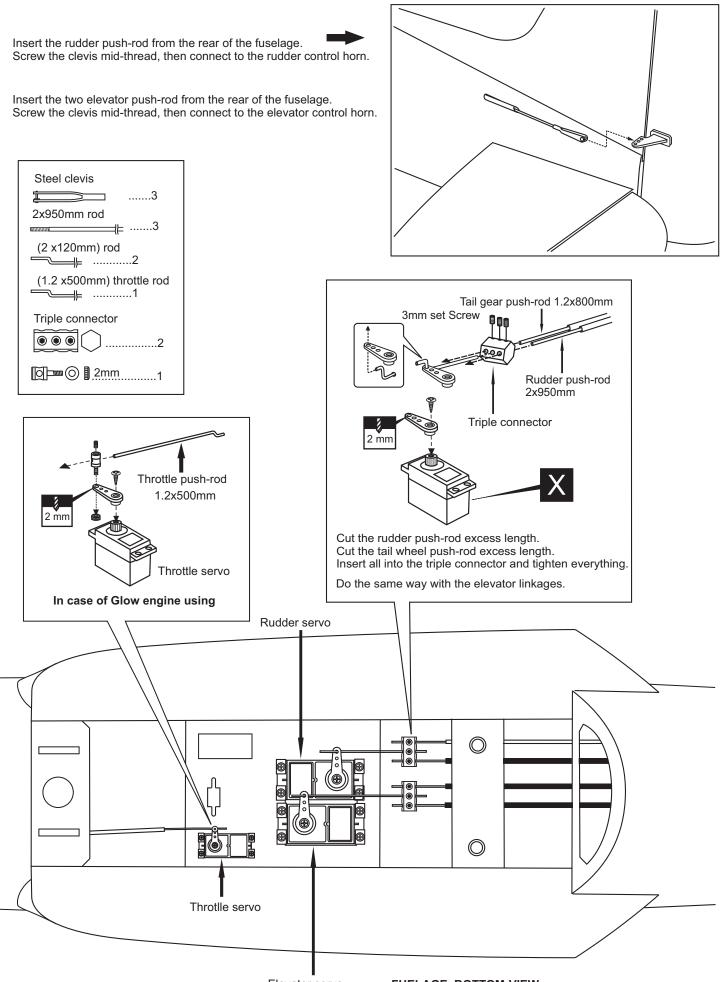






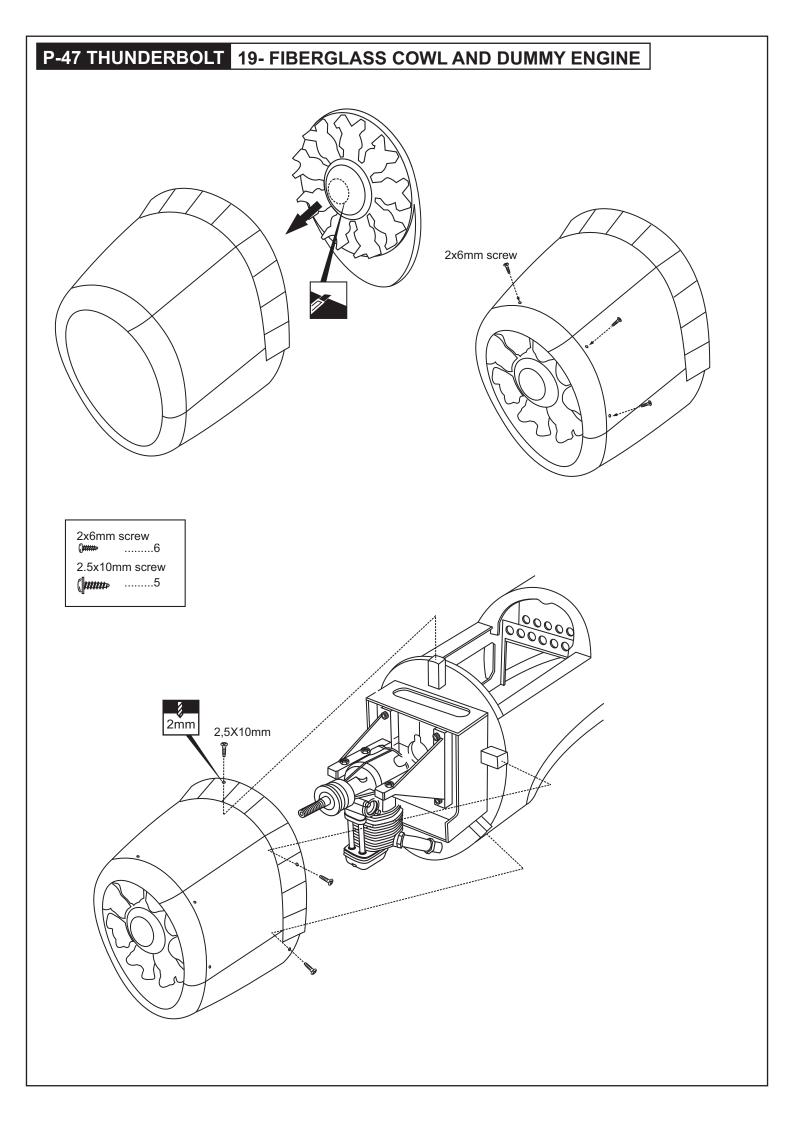
## P-47 THUNDERBOLT 17- TAIL GEAR INSTALLATION 1- Insert the tail wheel pushrod into the hole on the tail gear control horn (as show). 2- Install the tail wheel control horn in place. 3- Instal the tail wheel gear in place. 0 4- Secure the tail wheel control horn in place using a 5/64"(2mm) 6 6 screw set, Ensure smooth non-binding movement. 1.2x800mm rod \_\_\_\_\_ .....1 2mm I.D collar 3x3mm screw © o .....2 .....1 Tail wheel control-25mm wheel horn $\bigcirc = \cdots \\ \bigcirc$ .....1 -œA Tail landing gear I .....1 Plywood Tail wheel door P-47 P-47 Attach the tail wheel doors CA in place using CA glue. Í CA

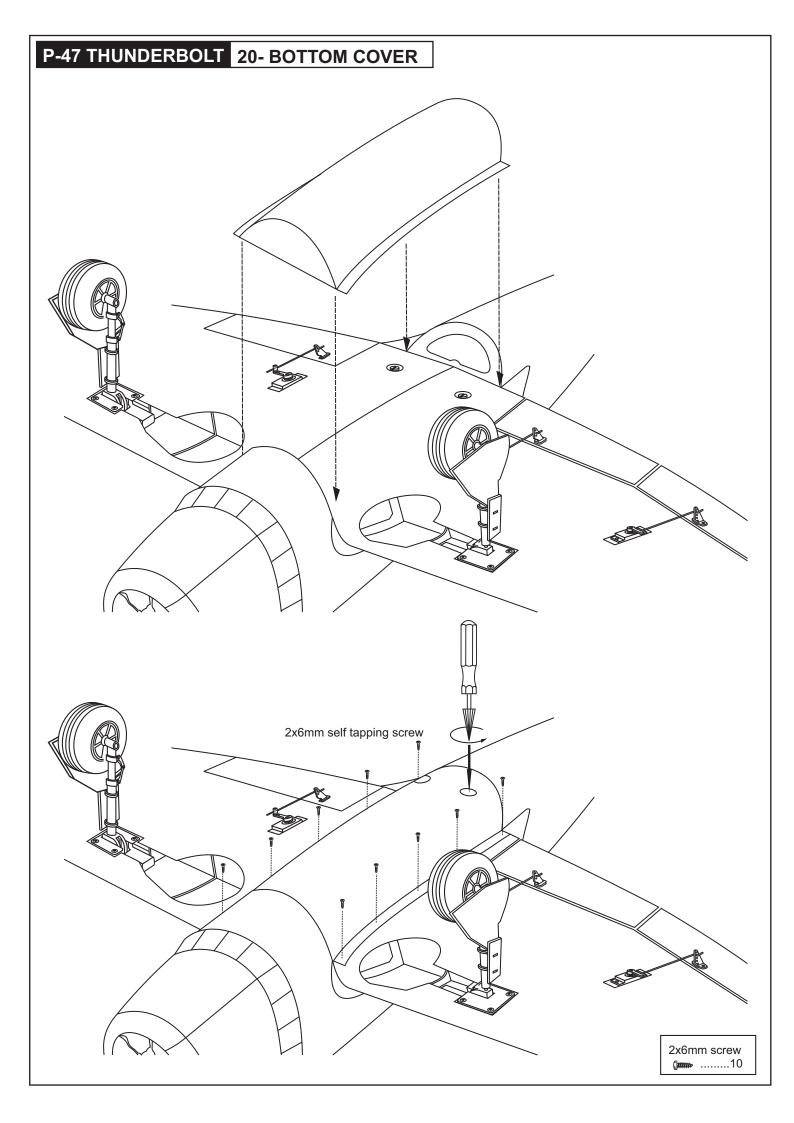
# P-47 THUNDERBOLT 18- SERVO AND LINKAGES

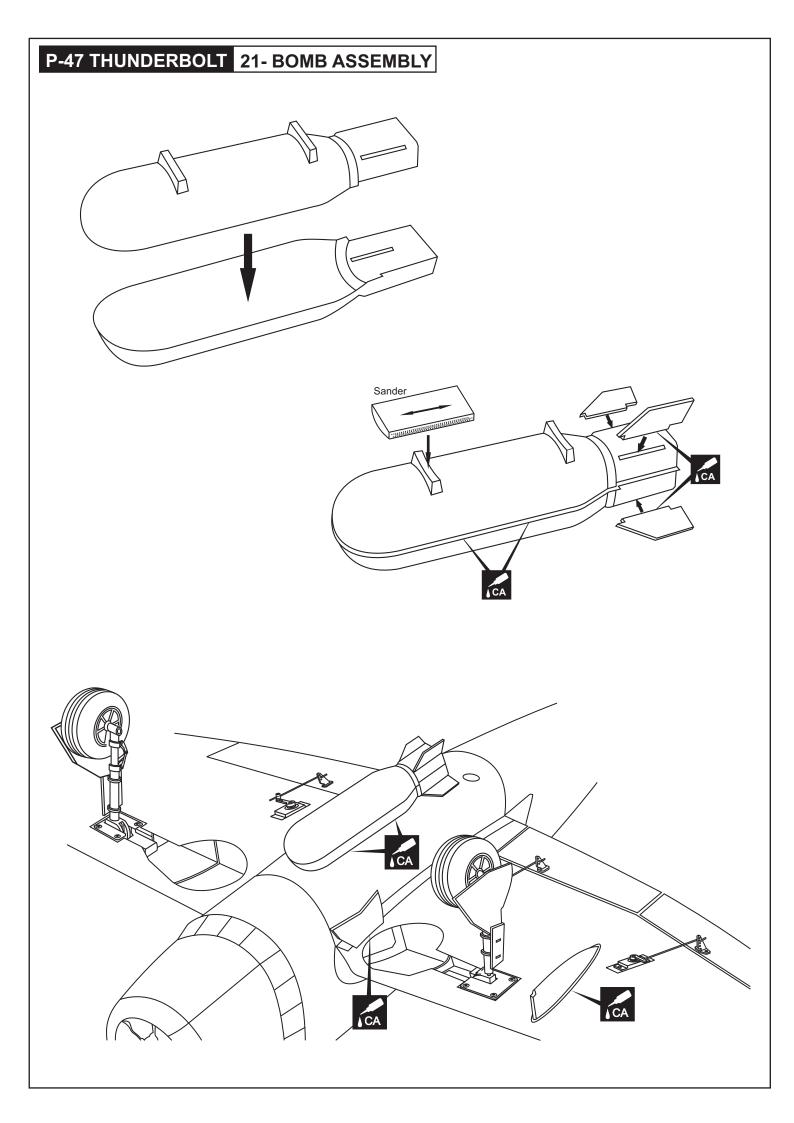


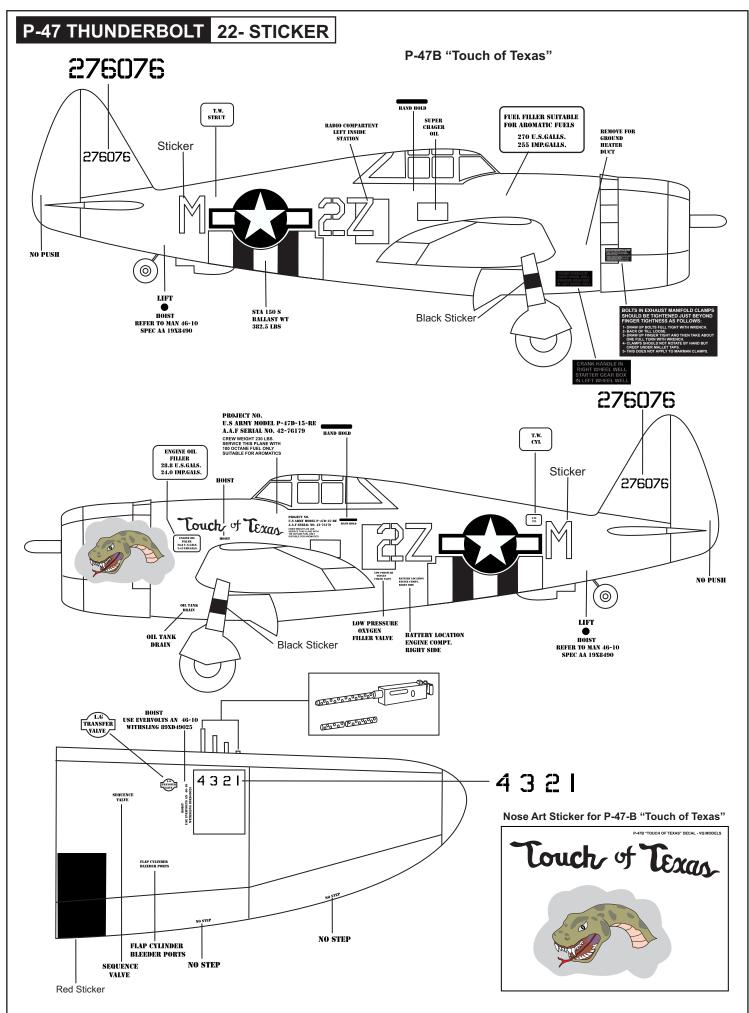
Elevator servo

FUELAGE BOTTOM-VIEW

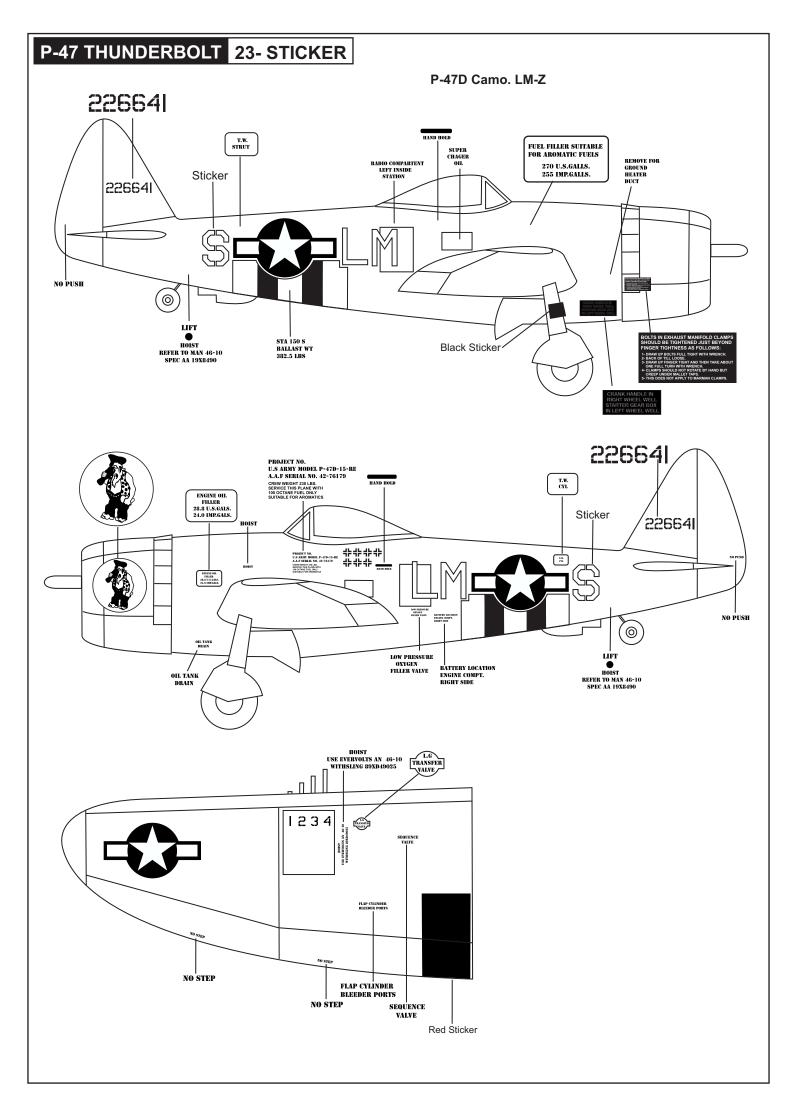


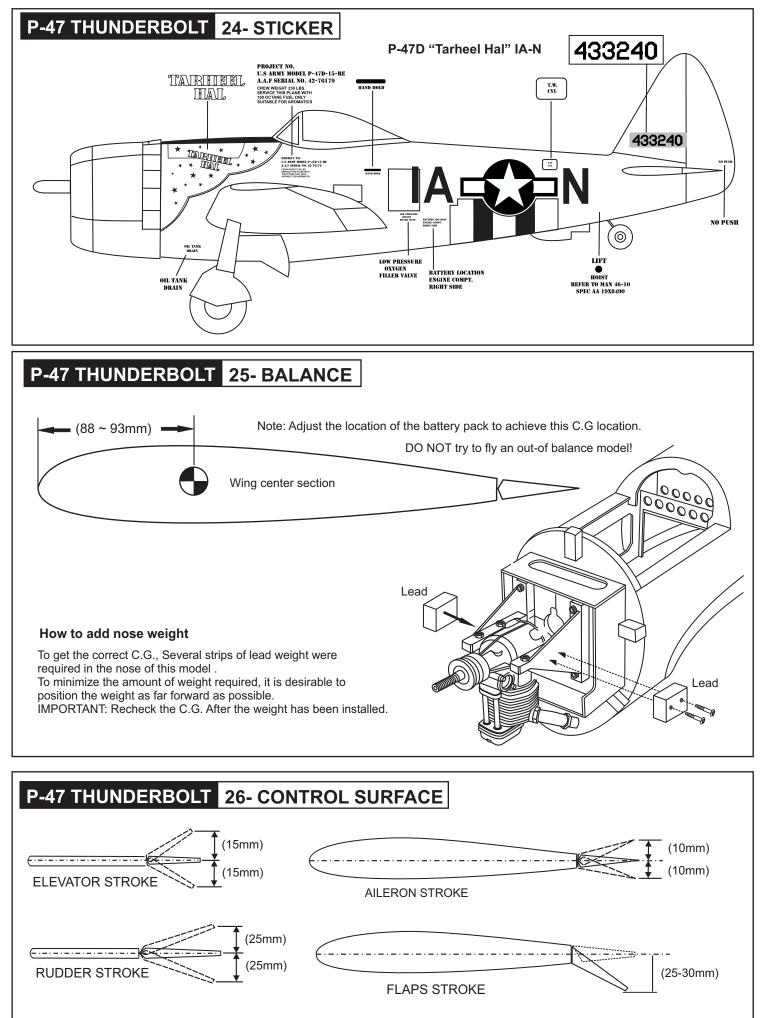






IMPORTANT: Please do not clean your model with strong solvent or pure alcohol to keep the colour of your model not fade.





Adjust the travel of the control surfaces to achieve the values stated in the diagrams. These value will be suitable for average flight requirements. Adjust the values to suit your particular needs.