

PROFILE P-47 & P-51 ELECTRIC POWER CONVERSION INSTRUCTIONS:

- To mount an electric motor to your P-47's or P-51's nose you need: 2 ea. 3/4-inch wide by approx 2 3/4-inch long pieces of aluminum L-channel, 4 ea. #6 x 3/4-inch bolts, 4 ea. matching nuts, threadlock compound, hook-and-loop material and the mounting hardware supplied with your motor.
- Clamp the two pieces of L-channel together and drill four 3/16-inch diameter holes through their 'back-to-back' mating surfaces in a rectangular pattern measuring approx. 2 inches tall by 1/2-inches wide, as shown at the right. Mark the pair of L-channels to identify their matching 'back-to-back' holes.
- Position the two pieces of L-channel with one on each side of the fuselage at the front of the vertical surface in the space between the glow engine beam mounts. Using the 'back-to-back' holes you drilled as a guide, drill four 3/16-inch holes through the fuselage. Using the guide holes and 4 ea. #6 x 3/4-inch bolts and 4 ea. matching nuts, secure the two pieces of L-channel to the fuselage. Apply thread-locking compound to secure the 4 ea. bolts and 2 ea. pieces of L-channel to the nose.
- Test fit your motor and its mounting hardware to the two forward-facing surfaces of the two pieces L-channel. Mark where holes are needed to mount your motor to the L-channel. (NOTE: Depending on the outer diameter of your motor, it may be necessary to increase the space between the glow engine's mounting rails. If so, we recommend using a high speed motor tool with a sanding drum, or you could use a course file and sandpaper.)
- Drill the motor-mounting holes in the L-channels' forward-facing surfaces. Attach your motor to the L-channel with hardware provided by the maker of your motor. Use threadlock compound to secure the motor to the front faces of the two pieces of L-channel.
- To optimize the balance of your P-47 or P-51, we recommend mounting a battery on each side of the fuselage in a series or parallel configuration, depending on the power requirements of your motor, as shown. We also recommend you add a cushion of foam rubber at the front of each battery and use hook-and-loop material to secure your batteries and ESC to the fuselage.

