



Installation of 'Gem2000' onto a Hirobo Sceadu EVO 50 by A. Fremlin



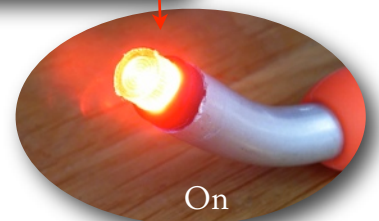
Electrotek R/C Nav lights and Anti Collision light, together with the Blue rapid flashing Gem2000 *All-in-One* warning system LED indicator.



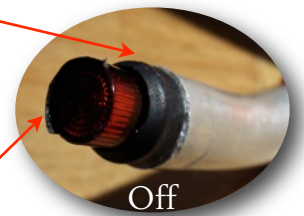
The 'anti collision' (Marz) light is on the tail boom about half way between the horizontal fin and the tail servo.



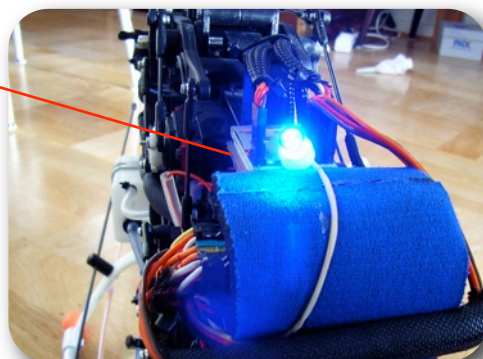
The electrical cables (heat shrunk) come out from a drilled hole, in the tube, and fastened onto the landing strut - then into the 'battery' box to the MCU.



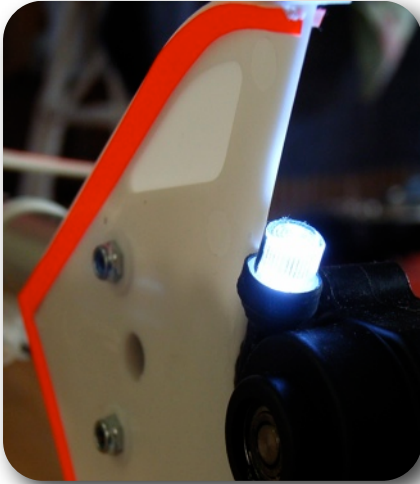
Both Nav lights are mounted in the 'landing' tubes, I also heat shrunk the light assembly for easier fitting, then used cyano to glue them in position.



The Blue rapid flashing warning light is currently just attached to the receiver pad.



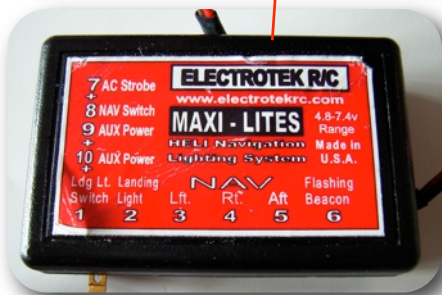
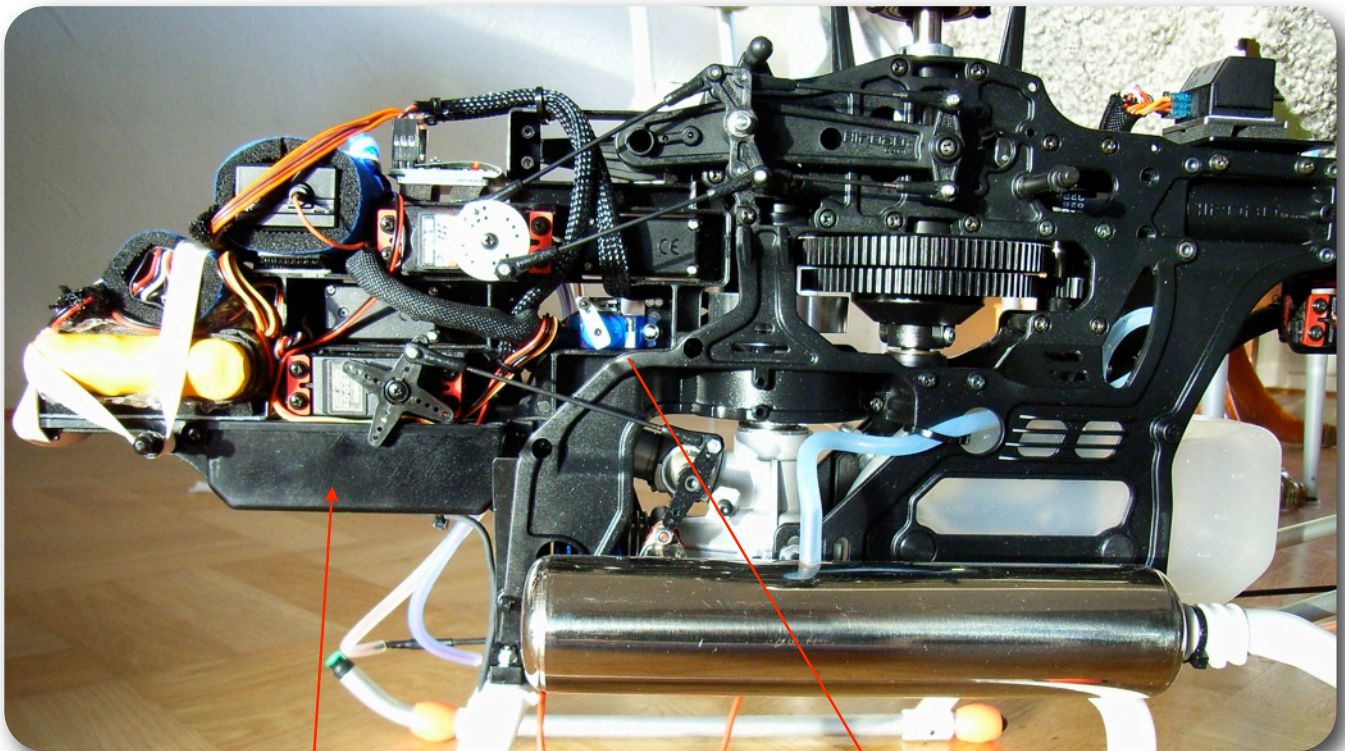
I applied black electrical tape to the inside of the lens to prevent the 'Red/ Green' light from being seen from either side.



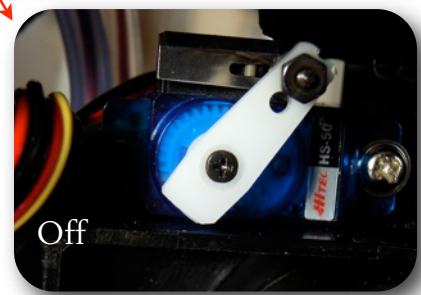
The rear White Nav light is super-glued (Cyano) to the tail fin and rear tail rotor gearbox. I also heat shrunk the light assembly for easier fitting.



I applied black electrical tape to prevent the 'white' light from being seen from the front.



I placed the MCU under in the 'battery' compartment. All the cables/connectors from the Nav lights, servo, anti collision light all originate here.



The 'on/off' servo switch for the Nav lights is situated here. When the arm of the servo is pointed aft the lights are 'off', pointed forward they are 'on'.



Basic facts & figures on the Scedu EVO 50

Futaba FF9 Super Transmitter
Futaba R149DP Receiver
HeliMast antenna system
3 Hitec HS-945MG, Cyclic & Collective
1 Hitec HS-925MG, Tail rotor
1 Futaba 3001, Throttle
CSM SL 420 Micro Gyro
CSM RevLock RL10 engine governor
OS .50 SX-H Ring Hyper
Zimmermann #2615 Muffler
Electrotek R/C GEM2000 with Nav lights & Anti-Collision light
SAB 600mm Main blades
MAH Rear blades
Fuel: CoolPower 15% Nitro
Duralite Battery system;
- RX 4000 mah - 4 cell li-ion - 7.4 volt Flat - Redundant, 2s2p
- TX 1400 mah - 6 cell li-ion - 11.1 volt - Redundant, 3s2p
- Voltage Regulator with Fail Safe Switch, 7.5 amp 5.1 volt
- Low Voltage Cut Off 5.5 volts
- Glow Driver and Digital Load Tester

