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## Operational Description

Model: F160 is the controller of 2.4GHz Remote control Helicopter. The controller is operating from 2405MHz to 2475MHz and powered by DC 6V (Four AA batteries). The device having a control lever and wheel to control moving forward backward and turn around respectively. The control signals from the lever and wheel are encoded by 24C02 IC2 and send the code to the 2.4GHz RF module, LT8900, which connected to 12MHz oscillator for operation.

The RF module, LT8900, will transmit RF channels within the frequency range from 2405MHz to 2475MHz and the number of hopping channel is 15 with GFSK modulation thru the antenna.