

Bluetooth Controlled

Tank:

-Libraries: <Servo.h>

-Phone App: USBControl

-Module: HC-06 Wireless Bluetooth Serial Transceiver

-Concept: Phone connects via bluetooth to the Arduino using an HC-06 bluetooth module. Using the phone app, two 7.2v servos will drive the tank (forward, reverse, left, right). "Shoot" button makes a sound and lights an LED on the barrel. A third servo rotates the turret, another aims the barrel up and down. Headlights turn on when dark and rear red running lights are always on.

-The tank is made from wood and is based off of the US M4A3E2 "Jumbo" Sherman. Weight: 5 pounds.

