PARTS LIST FOR JACKPOT DEVICE

C1 = .01UF DISC CAP
C2 = 25VDC AT 10UF CAP
C3 = THE VOLTAGE RATING SHOULD BE SLIGHTLY UNDER VALUE OF SG1
C4 = THE VOLTAGE RATING SHOULD BE SLIGHTLY UNDER VALUE OF SG2

*C3 AND C4 ARE USUALLY AROUND 1.2KV EACH. MAX OF 4KV EACH. MAX OF 10UF EACH CAPACITOR. AVERAGE IS 2-6UF EACH.

R1 = 300 OHM 1/4W
R2 = 1K OHM 1/4W
POT1 = 0 TO 40K OHM OR 0-60K OHM (NEEDS TO BE CLOSE)
IC1 = NE555 TIMER
IRF840 = IRF840 OR EQUIVALENT MOSFET
SW1 = STANDARD SLIDE SWITCH
BATT1 = 9V BATTERY, ALKALINE
T1 = FLYBACK TRANSFORMER, SUPERCOM 15210-14160 1AAT
SG1, SG2 = SPARK GAP TUBE ARRESTOR RATED SG1+SG2 = SLIGHTLY HIGHER THAN C3+C4 SUMS.
D1 = 12KV .5A RECTIFIER DIODE

OPTIONAL
L1 = 10-12 TURNS IN A SPIRAL PATTERN OF 20-24 GA ENAMEL WIRE.
P1 = SHARP NAILS OR CONTACT POINTS TO CONTACT ANY METAL ON THE GAMBLING MACHINE.

MAKE SURE YOU INSULATE THE BACK OF THE FLYBACK WITH HOT GLUE OR SILICON BEFORE USE TO AVOID ARCING.