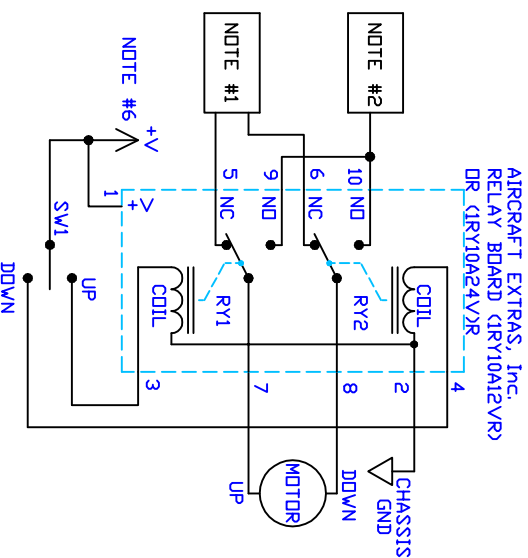


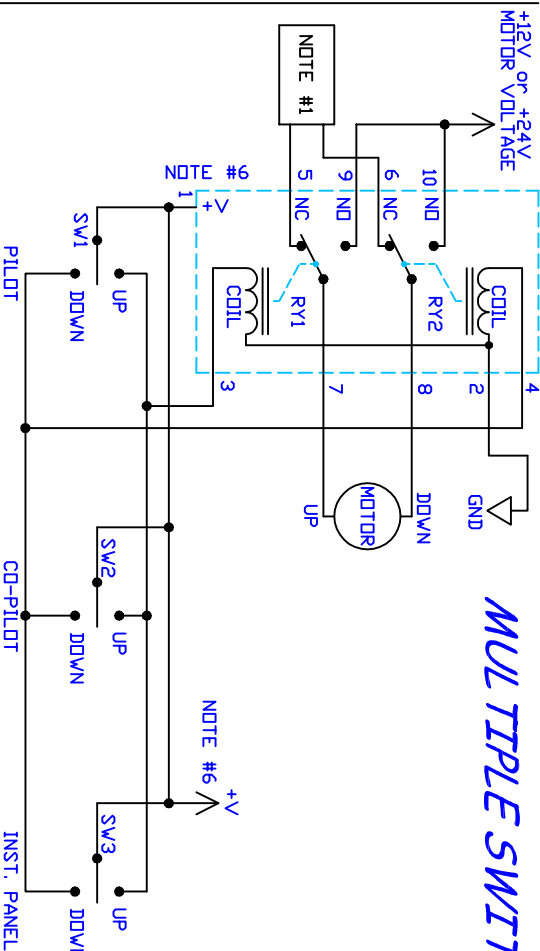
### SINGLE RELAY



"REVERSE" RELAY BOARD CONNECTION DIAGRAM  
Rev. - 12/30/2019  
Schem. for Model 18Y10A4XVR, RELAY BOARD Rev. 8  
AIRCRAFT EXTRAS, INC.  
www.aircraftextras.com

- NOTES
- 1) TO CHASSIS GND) or (TO THE OUTPUTS OF AN AUTOMATIC CONTROLLER SIMILAR TO THE FPS-PLUS IF YOU USE ONE).
  - 2) TO (+V) or APPROPRIATE MOTOR VOLTAGE) or (SPEED CONTROL, or LOWER DRIVE VOLTAGE IF YOU WANT TO SLOW THE MOTOR DOWN WITH THIS RELAY).
  - 3) MANY RELAY BOARDS CAN BE LINKED IN SERIES AS SHOWN. THE ADVANTAGE OF THIS CONNECTION IS THAT EACH RELAY BOARD CAN BE USED TO DRIVE THE MOTORS WITH A DIFFERENT VOLTAGE TO VARY THE MOTOR'S SPEED. USE AS MANY BOARDS AS YOU NEED FOR YOUR A DIFFERENT SPEEDS.
  - 4) RELAY BOARD ARC PROTECTION DIODES ARE NOT SHOWN FOR DIAGRAM SIMPLICITY.
  - 5) SW1 - SW3 ARE SINGLE POLE, DOUBLE THROW, (CND-OFF-CND), MOMENTARY, 3 POSITION SWITCHES.
  - 6) +V means +12V or +24V BUS DEPENDING ON RELAY MODEL ORDERED.

AIRCRAFT EXTRAS, Inc.  
RELAY BOARD (R1Y10A12VR)  
DR (R1Y10A24V)R



### MULTIPLE SWITCH CONNECTION

### MULTIPLE SWITCH & RELAY CONNECTION

