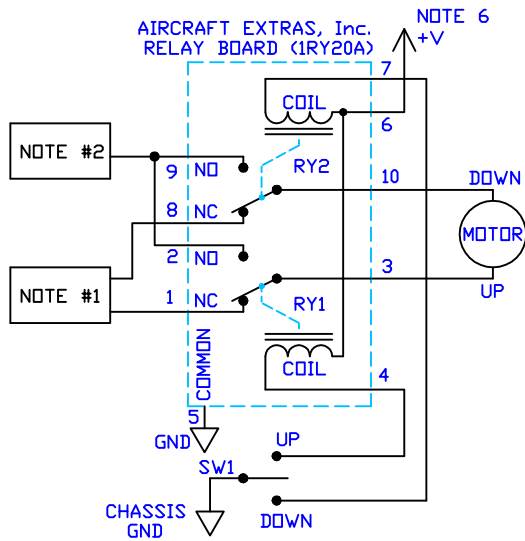
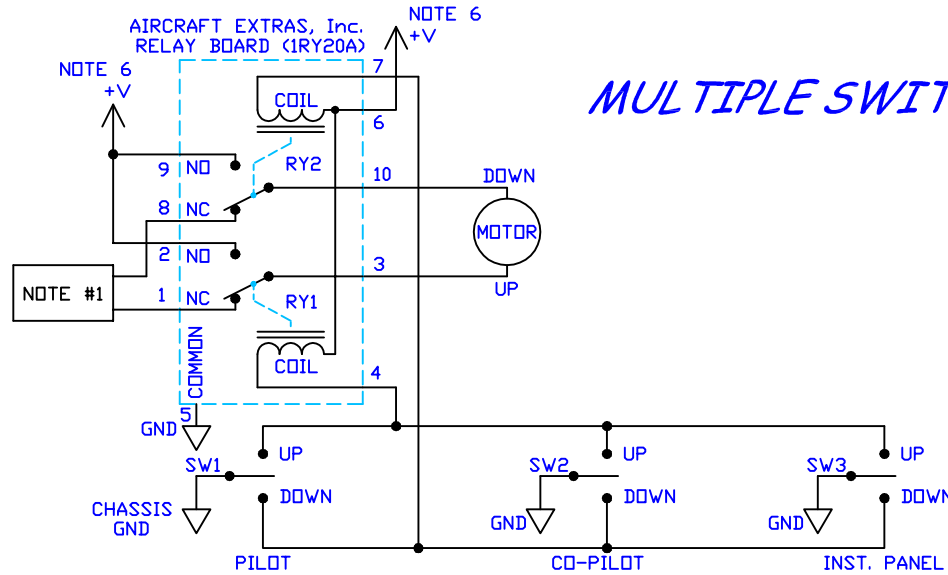


## 20A RELAY BOARD CONNECTION DIAGRAM for FLAP and ELEV. TRIM CONTROL

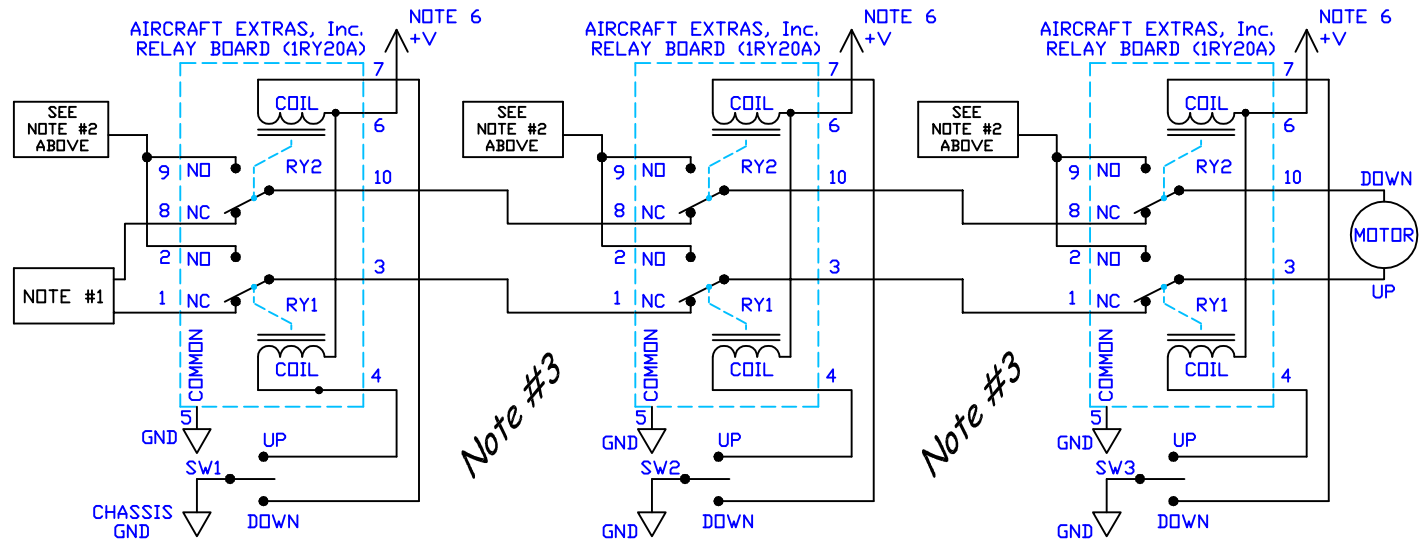
### SINGLE RELAY



### MULTIPLE SWITCH CONNECTION



### MULTIPLE SWITCH & RELAY CONNECTION



RELAY BOARD 20A CONNECTION DIAGRAM  
Rev. A, 1/5/2019  
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 (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, (ON)-OFF-(ON), MOMENTARY, 3 POSITION SWITCHES.
- 6.) +V means +12V or +24V DEPENDING ON THE MODEL ORDERED.