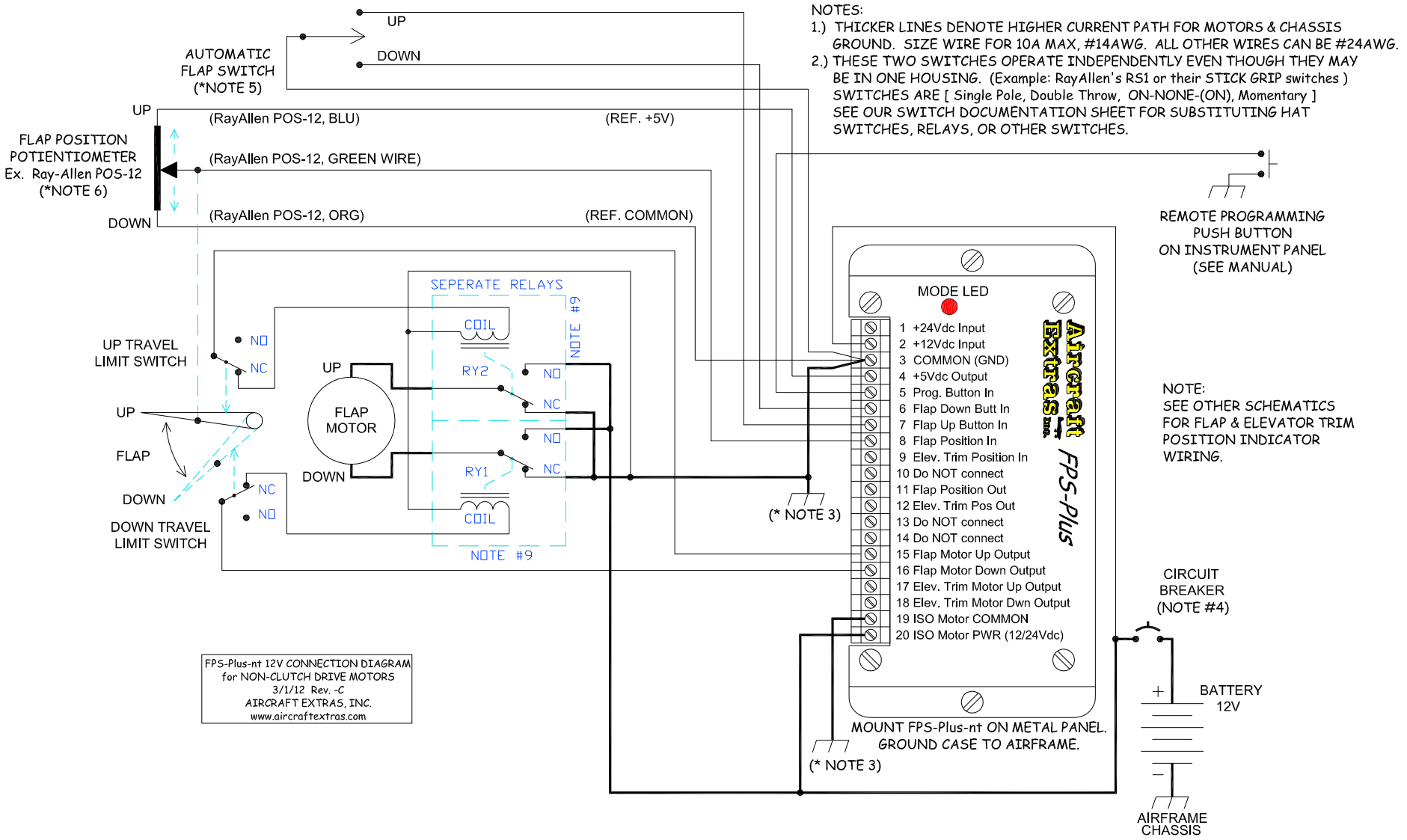
SCHEMATIC (FPS-Plus-nt for +12V Systems)
(for NON-CLUTCH DRIVEN FLAP MOTORS)



NOTES:
3.) USE SEPERATE LARGER WIRE TO CHASSIS. (#18AWG to #10AWG)
4.) WE RECOMMEND A PUSH-ON/PULL-OFF BREAKER. SIZE CIRCUIT BREAKER FOR MAX. MOTOR CURRENTS UP TO 10A.
5.) ANY SWITCH [Single Pole, Double Throw, (ON)-OFF-(ON), Momentary] WE DO NOT RECOMMEND MOUNTING THIS SW ON STICKS SINCE ACCIDENTALLY BUMPING THIS SWITCH ACTIVATES A SIGNIFICENT FLAP MOVEMENT.
6.) POTIENTIOMETERS CAN BE 5K, 10K, or 20K Ohms. (Ex. model: RayAllen's POS-12) (FOR ELEV. TRIM, YOU CAN USE THE INTERNAL POT THAT IS A PART OF RayAllen's SERVOS IF DESIRED.)
7.) FOR SWITCHES, (ON) MEANS "ON MOMENTARY" OR SPRING LOADED. ALL SWITCHES SHOWN DE-ENERGIZED.
8.) YOU MAY ADD A MANUAL SWITCH FOR FLAPS IF DESIRED. INSERT OUR RELAY BOARD INBETWEEN THE FPS-PLUS PINS 15 & 16 AND THE LIMIT SWITCHES. FOR MORE DETAIL, SEE OUR RELAY DIAGRAM.
9.) YOU CANNOT USE AIRCRAFT EXTRAS, INC RELAY BOARD 1RY1 BECAUSE THE PROTECTION DIODES ON OUR BOARD ARE REVERSED FROM WHAT YOU NEED FOR THIS CONNECTION. WE CAN MAKE YOU ONE THAT WILL WORK IF YOU ASK, OR YOU CAN JUST USE DISCRETE RELAYS FROM ANOTHER SOURCE.