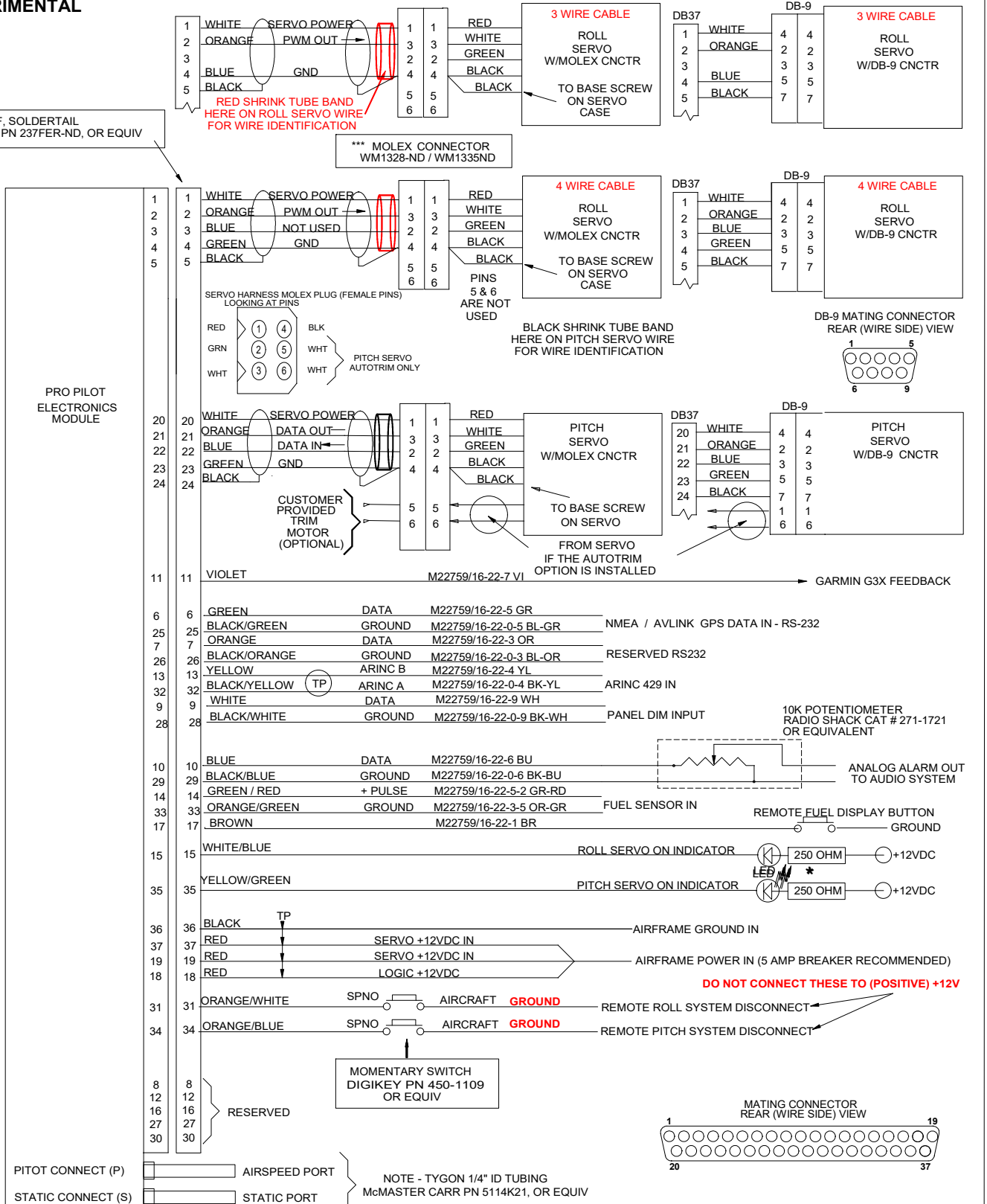


NOTE - ROLL HARNESS CONSTRUCTED AFTER 17 MARCH 2016 MAY HAVE EITHER 3 OR 4 WIRE SHEATHED SERVO CABLES

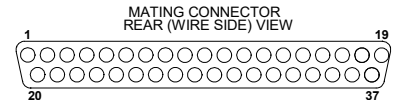
**EXPERIMENTAL**

DB37-F, SOLDER TAIL  
DIGIKEY PN 237FER-ND, OR EQUIV



PITOT CONNECT (P) AIRSPEED PORT  
STATIC CONNECT (S) STATIC PORT

NOTE - TYGON 1/4" ID TUBING  
McMASTER CARR PN 5114K21, OR EQUIV



TRIO AVIONICS PRO PILOT NAVIGATION SYSTEM WIRING DIAGRAM	
DATE 09-26-2019	REV:16
SCALE: NONE	
<small>                 THESE DRAWINGS, DOCUMENTS, SPECIFICATIONS AND DATA CONTAINED HEREIN ARE THE EXCLUSIVE PROPERTY OF TRIO AVIONICS INC AND SHALL NOT BE REPRODUCED, COPIED, USED OR DISCLOSED IN WHOLE OR IN PART WITHOUT THE EXPRESSED WRITTEN PERMISSION OF TRIO AVIONICS                  080911 REV 1 - CORRECTED SERVO PINS 3 &amp; 8                  080923 REV 2 - CORRECTED SERVO WIRE COLORS ON PINS 2,3                  081123 REV 3 - ADDED STATIC AND PITOT CONNECTIONS                  081201 REV 4 - ADDED ATTENUATION POT ON THE AUDIO OUTPUT                  090204 REV 5 - CORRECTED DB-9 PART NUMBER                  090821 REV 6 - ADDED REMOTE FUEL DISPLAY SWITCH                  100808 REV 7 - ADDED CONNECTOR DIAGRAM AND BREAKER REQ                  110808 REV 8 - CHANGED PINT4 TO FUEL SENSOR INPUT                  120818 REV 9 - PIN 11 WIRE COLOR CHANGED TO VIOLET - WAS GREEN                  140114 REV 10 - ADDED MOLEX SERVO CONNECTOR DIAGRAM                  150208 REV 11 - ADDED WIRE COLOR CODES SERVO WIRING DIAGRAM                  160318 REV 12 - ADDED TRIM MOTOR WIRE                  171113 REV 13 - ADDED ALTERNATE DB-9 SERVO CONNECTION                  180508 REV 14 - CORRECTED PIN NO. ON THE PITOT SERVO DB-9 CONNECTOR                  190108 REV 15 - ADDED COLOR CODED STRIPPED WIRE FOR DISCRETE INPUTS                  190208 REV 16 - REVISED PIN 27, CORRECTED COLOR CODES ON 31,34             </small>	

ALL SINGLE CONDUCTOR WIRE IS 22 GA  
 4 CONDUCTOR SHIELDED WIRE IS EDMO PN 22G-4C TEF / M27500-22TG4T14  
 THE DB37, MOLEX CONNECTORS AND BACKSHELLS ARE SUPPLIED WITH THE BASIC INSTALLATION KIT

\* PINS 15 AND 35 ARE OPTIONAL CONNECTIONS MEANT TO DRIVE AN INDICATOR LIGHT TO SIGNIFY THAT THE SERVO IS ON AND ARE REQUIRED ONLY IN THE UK PER PFA REQUIREMENTS  
 LED LAMPS, RESISTORS AND MOMENTARY SWITCHES ARE NOT SUPPLIED