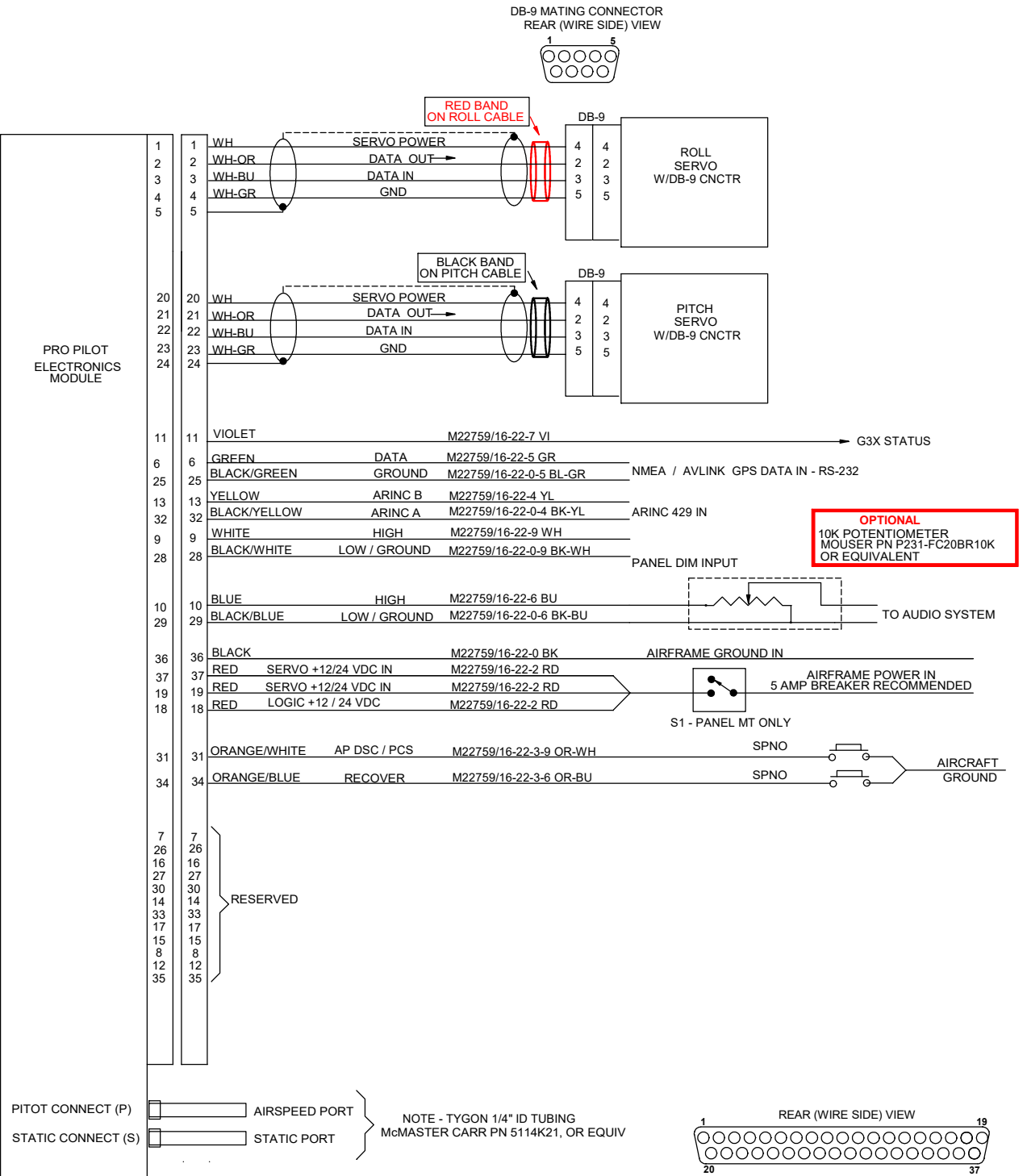


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| PRO PILOT SYSTEM WIRING DIAGRAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |        |
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| DATE: 250512                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DWG # 41300020 | REV 21 |
| SCALE: NONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |        |
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| REVISION HISTORY:<br>REV 1 - Changed servo power cable to 20 GA, revised servo cable lengths, added striped wire colors<br>REV 2 - Changed roll harness length from 26 ft to 25 ft per Odum engineering board meeting minutes DTD 3/29/17<br>REV 3 - Changed cabling to use 20ga wire for signal and power, no 22 ga wire used, roll = 25 ft, pitch = 30 ft<br>REV 4 - Changed total cabling required to servos from 55 ft to 110 ft<br>REV 5 - Changed servo shield wiring grounding scheme<br>REV 6 - Added white shrink tube on each servo DB-9 wire for pin identification<br>REV 7 - Added connector, backshell and wire PNs for ICA correction<br>REV 8 - Relabeled unused harness connections. Changed input power to denote 24V operation<br>REV 9 - Clarified shield construction and DB-9 terminations for in house assembly<br>REV 10 - Removed wire tag information and wire gauge information from this drawing<br>REV 11 - Added power switch for panel mount units<br>REV 12 - Removed unused wiring, in certified applications added note, removed parallel power& grounds at the servo DB-9<br>REV 13 - Added black band on servo pins 4 & 5 for ease of identification<br>REV 14 - Change servo conductors to 4 wire cabling, eliminated unused wiring<br>REV 15 - Corrected pitch servo label and AP disconnect nomenclature<br>REV 16 - Clarified servo shield ground, description and requirement for audio output pot<br>REV 17 - Clarified servo interface wiring color, updated audio pot PN, revised REV designation<br>REV 18 - Clarified panel dimmer and audio out nomenclature<br>REV 19 - Improved servo wiring shield grounding scheme<br>REV 20 - Removed reference to soldercup connectors<br>REV 21 - Corrected errors in reserved pins field |                |        |