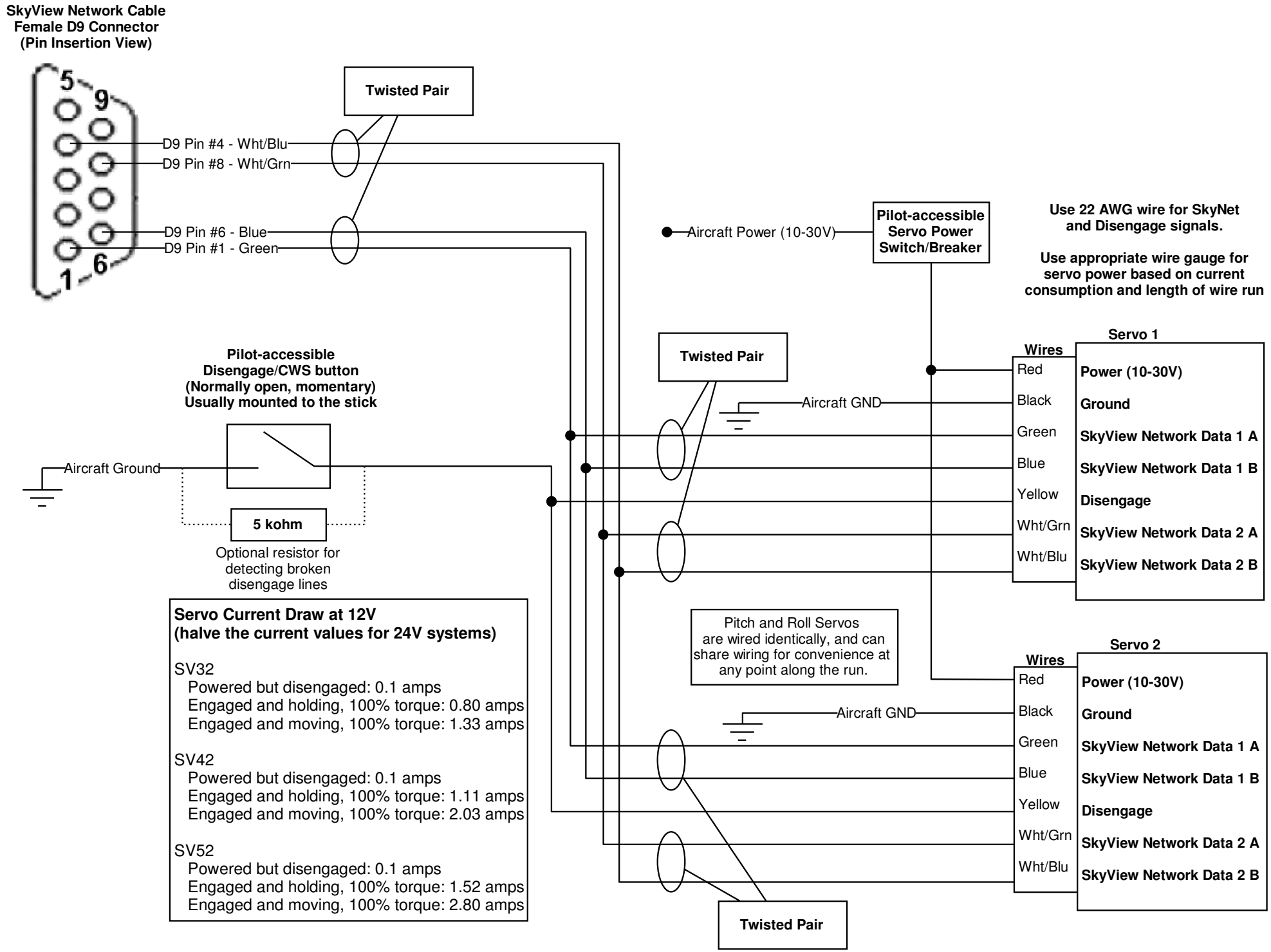
SkyView Network Cable
Female D9 Connector
(Pin Insertion View)
5
9
1
6
Twisted Pair
D9 Pin #4 - Wht/Blu
D9 Pin #8 - Wht/Grn
D9 Pin #6 - Blue
D9 Pin #1 - Green
Aircraft Power (10-30V)
Pilot-accessible
Servo Power
Switch/Breaker
Use 22 AWG wire for SkyNet
and Disengage signals.
Use appropriate wire gauge for
servo power based on current
consumption and length of wire run
Pilot-accessible
Disengage/CWS button
(Normally open, momentary)
Usually mounted to the stick
Aircraft Ground
5 kohm
Optional resistor for
detecting broken
disengage lines
Twisted Pair
Aircraft GND
Servo 1
Wires
Red
Black
Green
Blue
Yellow
Wht/Grn
Wht/Blu
Power (10-30V)
Ground
SkyView Network Data 1 A
SkyView Network Data 1 B
Disengage
SkyView Network Data 2 A
SkyView Network Data 2 B
Servo Current Draw at 12V
(halve the current values for 24V systems)
SV32
Powered but disengaged: 0.1 amps
Engaged and holding, 100% torque: 0.80 amps
Engaged and moving, 100% torque: 1.33 amps
SV42
Powered but disengaged: 0.1 amps
Engaged and holding, 100% torque: 1.11 amps
Engaged and moving, 100% torque: 2.03 amps
SV52
Powered but disengaged: 0.1 amps
Engaged and holding, 100% torque: 1.52 amps
Engaged and moving, 100% torque: 2.80 amps
Pitch and Roll Servos
are wired identically, and can
share wiring for convenience at
any point along the run.
Servo 2
Wires
Red
Black
Green
Blue
Yellow
Wht/Grn
Wht/Blu
Power (10-30V)
Ground
SkyView Network Data 1 A
SkyView Network Data 1 B
Disengage
SkyView Network Data 2 A
SkyView Network Data 2 B
Aircraft GND
Twisted Pair