YOUR Custom Military Stick Grips Order Form & Pictorial Wiring Schematic

INFINITY Aerospace • P. O. Box 12275 • El Cajon, CA 92022 • PH: (619) 448-5103 ; FAX: (619) 448-5176 DOR: Name / Company / E-mail: Date Order Received via ph, mail, FAX, e-mail, web or walk-in Mailing Address: Date Order Mailed (DOM), or ship'd via FedEX, UPS or DHL _____ State/Region: City: Right Grip(s): Country: Zip/Postal Code: Left Grip(s): __ # 1-3/4" ID Short Long Phone: _____ Spacer(s):___ ___ 7/8" ID __ ____3/4" ID Custom Spacer(s): PMO Ck P B #: Extra Cable (\$3 or \$3.15 cc/ft): CA Sales Tax: Purchase Order #: A/C Type: S & H (or TBD): ___ MC Visa Rewards CC Additional Parts you may need: TOTAL: Auth/Ref #: __ Relay Deck 12 or 24 or Combo VDC __ Co-pilot Isolate &/or Mag Switch(es) __ Base Boot(s) Date Ck Rec & Dep; ran cc: _ Single 12 VDC Relay Deck ____ Flap/Sp Brk Limit Sw ___ Pre-Oiler Pressure Switch ___ Pre-Oiler ON / OFF / (ON) Switch Exp. Date & CVV: Card #: ***Because of the illegal actions by your US govt., we prefer checks from US customers. GP-301 &/or ___ GP-312 Pre-Oiler & BU Oil Pump 12 or 24 Wiring Schematic & Color Code for the INFINITY Aerospace Custom Mil-Spec Blue Cable is as follows: 1. 2-Axis Pitch & Roll (or Rudder) thumb operated Trim Sw. w/Black China Hat. Switch rated for ~1 AMP @ 12 VDC and 500K operations! Can be used for step'g freq, freq flip/flop, comm sel, ident! NOTES: • There is NO NEED to push the 4-way switch down to operate it !!!!! • • Don't forget to placard your cockpit, or to annotate in your Pilot Operating Handbook Brown wire (Pitch DN) 22 AWG (POH), the Stick Grip functions! Make sure YOU check-out each new pilot, too!!!; _____ Black wire (GND) 22 AWG • Switches 1 and 2 are wired with custom, logically color coded, 22 A.W.G. wires; Co _____ Green wire (Roll RT) 22 AWG • Switches 3, 4, 5 & 6 are wired with custom, logically color coded, 20 A.W.G. wires; ____ Red wire (Roll LT) 22 AWG • The Single-Pole Double-Throw (SPDT) Push-On / Push-Off Push-Button type switches Blue wire (Pitch UP) 22 AWG are marked 8636. Switch meets UL # E83438(M); • The SPDT Momentary Normally Closed (N.C.) and Normally Open (N.O.) Push-Button Switch "X-Ray" looking at the Grip from the outside top. type of switches are marked 8632. Switch meets UL # E83438(M); • Yes, the 4-way switch and toggle switch(es), and usually the high AMP draw items oper-2. RED Push-To-Talk (PTT), or "Other", Use Trigger Sw. ated by the push-button switches, requires a relay (and it's safer, too -- see our web site for sample wiring schematics for relays, or our Relay Decks, used for Trim & Flap/SpBrk Sys) 1 - N.O. (8632) 22 AWG | White | 22 AWG | N White • The 8632 & 8636 Push-Buttons, & the toggle switches, are all rated for ~6 AMP's @ 12 VDC, or 3 AMP's @ 28 VDC, & 40K operations! The center leads are GND or Common (CMN). Ensure YOU check ALL switch continuities before installing &/or applying power !!! 3. Top inside / thumb side RED thumb operated Push-Button, or Toggle Switch, and it's Use: 20 AWG T Red $\overset{\text{rey Way}}{\sim} = \underbrace{ \overset{20 \text{ AWG}}{20 \text{ AWG}}}_{20 \text{ AWG}} \text{ S Red/Blk}$ T Red (DN) ST1- 1, 2, 5637, 5638 20 AWG S Red/Blk T Red S Red / Black (UP) [bottom or right] 1 - N.O. (8632) 3 - N.C. (8632) Push-On / Push-Off (8636) On/Off/(Mom. On) TOGGLE for Flaps or SB OR - - On/Off TOGGLE (1055) OR --Spring Loaded-to-Cntr (ON)/OFF/(ON) 4. Middle thumb operated BLACK Push-Button Sw. and it's Use: for Spoilers, SB or Flaps -- mounted vert. Key Way

20 AWG
R Black
20 AWG
G Blk/Wht

R Black **1** → 20 AWG G Black / White **INSTRUCTIONS:** R Black (GND or CMN) Read the "NOTES" above: Fill out the top; Check the boxes 1 - N.O. (8632) 3 - N.C. (8632) Push-On / Push-Off (8636) for the switches you want, and fill in it's "Use" 5. Bottom BLUE pinky finger operated Push-Button, or Toggle Switch, and it's Use: Key Way

| Constitution | Constituti 20 AWG K Blue <u>20 AWG</u> K Blue ST1- 1, 2, 5637, 5638 L Blue / Black Toggle G Black (GND or CMN) 8 OF ZOAWG K Blue L Blue/Blck [mount rt or DN] 1 - N.O. (8632) Push-On / Push-Off (8636) Spring Loaded-to-Cntr. (ON) / OFF / (ON) 3 - N.C. (8632) TOGGLE mounted horiz. for Rudder or Aileron trim 6. Top outside / index finger side GREEN thumb operated Push-Button, or Toggle Switch, and it's Use: Toggle 20 AWG F Grn ST1- 1, 2, 5637, 5638 = 20 AWG F Green | Black J Black (GND or CMN) D Grn/Blck [mount rt or DN] F Green 3 - N.C. (8632) Push-On / Push-Off (8636) Spring Loaded-to-Cntr. (ON) / OFF / (ON) 1 - N.O. (8632) OR - - On / Off TOGGLE (1055) TOGGLE mounted horiz. for Aileron or Rudder

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