

# RAC BEZEL SWITCHES – STICK GRIPS

## RAC - RBS SERIES BEZEL SWITCHES

An excellent addition to any instrument panel. The bezel measures 1.25" w x 1.35" h. A die-cut label sheet is purchased separately. The switches are SPST. They have screw terminals and are rated at 15 amps. Specify Toggle (RBS-T11) or Pushbutton (RBS-P11) when ordering. The Ray Allen Gear Bezel Switch (RBS-GS) is the same custom bezel as above combined with SPDT retract gear toggle switch. The switch is rated at 15 amps and has a pull to unlock feature preventing accidental engagement. The Gear Bezel Switch comes with the labels pre-installed.

| RAC Part No. | Description                | Part No. | Price |
|--------------|----------------------------|----------|-------|
| RBS-T11      | Bezel Switch - Toggle      | 11-01364 | .     |
| RBS-P11      | Bezel Switch - Push Button | 11-01365 | .     |
| RBS-GS       | Bezel Gear Switch          | 11-01366 | .     |
| RBS-L1       | Bezel Switch label sheet   | 11-01367 | .     |

## PIONEER CONTROL GRIPS



**BRAVO** - The Pioneer Bravo is an ambidextrous grip designed to be simple, low profile and comfortable. It is 3D manufactured from a durable carbon fiber infused nylon. It's finished with a textured powdercoating and wrapped in a black textured rubber skin. The Bravo comes standard with a two way trim switch ("TRIM" laser engraved above switch) and a PTT button located on the forward side of the grip.



**SPORT** - The Pioneer Sport is an ambidextrous grip designed with both simplicity and affordability in mind. It is 3D manufactured from a durable carbon fiber infused nylon. The sport comes standard with a two way trim switch, one push button on top and a PTT button located on the forward side of the grip.



**ALPHA** - The Pioneer Alpha is a sleek and comfortable ambidextrous grip crafted to fit your needs. Choose from a variety of finish options including Natural Walnut, Black Gloss, Carbon Fiber Hydro-Dip or the affordable 3D Manufactured "Lite" version. The standard Pioneer Alpha comes with a four way trim and three push buttons on the switch plate and a PTT located on the forward side of the grip.



**CLASSIC** - The Pioneer Classic is a sleek and comfortable grip crafted to fit your needs. It is available in both left and right handed versions. Choose from a variety of finish options including Natural Walnut, Black Gloss, Carbon Fiber Hydro-Dip or our affordable 3D Manufactured "Lite" version. The standard Pioneer Classic comes with a four way trim and three push buttons on the switch plate and a PTT located on the forward side of the grip. Each grip is delivered prewired with a 2' pig tail and a termination guide. Please specify if your installation requires additional length.

SEE OUR WEBSITE FOR PART NUMBERS AND PRICING ON ALL PIONEER GRIPS.

## FLIGHT GRIPS



#2

The control stick grips from Flight Grip are modular in design to allow maximum flexibility when specifying switches to control the various electrical items on your aircraft and for ease of installation and assembly. Two "off-the-shelf" configurations are listed below. The Model #2 grip provides for control of two functions using the rocker trigger switch. The trigger switch features momentary contact either side of center, with spring return to center OFF action. The Model #4

grip is the same as the Model #2, but adds two push-button switches for thumb activation in the top cap of the grip. The switch mounted closest to the thumb rest is a latching type (push on – push off), and the remaining switch is a momentary type. Left hand grips are available with all the same switch options. Grips are designed to fit 1-1/8" OD control sticks and adapter bushings are available to adapt to 1", 7/8" and 3/4" OD control sticks.

|                                   |                    |
|-----------------------------------|--------------------|
| #2 (Right Hand-2 Functions) ..... | P/N 11-02000 ..... |
| #4 (Right Hand-4 Functions) ..... | P/N 11-02050 ..... |
| #2L (Left Hand-2 Functions) ..... | P/N 11-06753 ..... |
| #4L (Left Hand-4 Functions) ..... | P/N 11-06754 ..... |
| Adapter Bushing 1" .....          | P/N 11-06755 ..... |
| Adapter Bushing 7/8" .....        | P/N 11-06756 ..... |
| Adapter Bushing 3/4" .....        | P/N 11-06757 ..... |



|                 |                   |                    |               |     |
|-----------------|-------------------|--------------------|---------------|-----|
| LANDING LIGHT   | CABIN LIGHTS      | BATTERY MASTER     | ALTERNATE AIR | OFF |
| NAV LIGHTS      | PANEL LIGHTS      | AVIONICS MASTER    | INVERTER      | OFF |
| ROTATING BEACON | PULSE LIGHT       | ALTERNATOR         | CARGO HEAT    | OFF |
| STROBE LIGHTS   | TAXI LIGHT        | AUTOPILOT          | ON            | OFF |
| STARTER         | DIMMER            | PITOT HEAT         | ON            | OFF |
| ENGAGE          | IGNITION No. 1    | HYDRAULIC PUMP     | OFF           | OFF |
| FLAPS UP        | IGNITION No. 2    | LOW BOOST          | ON            | OFF |
| FLAPS DN        | FUEL PUMP         | HIGH BOOST         | ON            | OFF |
| CABIN FAN       | AVIONICS MASTER A | BOOST PUMP         | ON            | OFF |
| CABIN AIR COLD  | AVIONICS MASTER B | STANDBY ALTERNATOR | ON            | OFF |
| CABIN AIR HOT   | LEFT MAGNETO      | TRIM MASTER        | OFF           | OFF |
| OXYGEN          | RIGHT MAGNETO     | PARKING BRAKE      | OFF           | OFF |



## TRIM SPEED CONTROLS

A trim motor that moves too fast can be distracting and dangerous in a high performance aircraft. The Trim Speed Control module lets you adjust the speed of a motor in trim sensitive applications. It has also been used in many 24 volt aircraft that are equipped with 12 volt trim motors. The module installs in-line in an existing trim system with only four connections and requires no external power supply. Trim speed is easily set on the module as required. This unit does not generate any noise during operation and draws zero current when not in use. Example part selection - 24 volt aircraft with a small 12 volt trim motor would need a TSC24-LC.

|                                                  |                    |
|--------------------------------------------------|--------------------|
| There are four (continuous) options available:   |                    |
| TSC12-LC 12/14 volt operation 3A - 7A surge..... | P/N 11-11561 ..... |
| TSC24-LC 24/28 volt operation 3A - 7A surge..... | P/N 11-11562 ..... |
| TSC12-HC 12/14 volt operation 5A - 7A surge....  | P/N 11-11563 ..... |
| TSC24-HC 24/28 volt operation 5A - 7A surge....  | P/N 11-11564 ..... |

## CUSTOM TEAK WOOD AIRCRAFT GRIPS



Teak wood is beautiful, absorbs sweat, preventing any sticky slime build-up. Grips come in standard, master and ultra styles in left and right hand. The standard grip comes with a push button on its top with a special dust proof cover. Normally is used for a push-to-talk button, is normally open switch and is good for 250,000 cycles minimum. The master grip has larger head to accommodate a 4-way trim switch & push-to-talk button.

The trim switch is the same one used with M.A.C. systems. The ultra grip has a larger surface to accommodate the 4-way trim and a auto-pilot and/or air brake with the push-to-talk located near the tip of the index finger. The ultra can handle a total of four switches, when using the air brake, in its head. Configurations can also be custom designed. All grips come with buttons and a 3/4", 7/8", 1" or 1-1/8" standard bore. Larger bores available. Comes with Push-to-Talk, Cooley Hat, Flap, Autopilot and Radio Flip Flop.

VISIT [WWW.AIRCRAFTSPRUCE.COM](http://WWW.AIRCRAFTSPRUCE.COM) FOR COMPLETE LISTING OF GRIPS AND PRICING.

## HOMEBUILT CONTROL STICKS

These homebuilt control grips are made of high-strength urethane plastic, finish painted in matte black and come complete with all necessary hardware (AN screw, nut, washers). Available unbored or bored to accept 7/8", 1", or 1-1/8" diameter tubing.



All of these grips (except unbored) are available w/PTT Switch at \$129.75 Add -1 to end of part number for PTT.

| Grip  | Bore        | Part No.   | Price |
|-------|-------------|------------|-------|
| Right | 1-1/8" Bore | 11-01025   | .     |
| Left  | 7/8" Bore   | 11-01015-L | .     |