

# 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 CLASSIC WALNUT CONTROL GRIP



Guy's classic design! Crafted from walnut with a durable polyurethane finish. On the fully serviceable switchplate, you'll find three push button switches and a four way hat switch. On the forward face is a sleek, domed push to talk button positioned right where you want it. Comfort, convenience and style in the palm of your hand. Each grip is delivered prewired with a 2' pig tail and a termination guide. Price is per grip. Wood is a diverse medium and the end finish may vary in grain structure.

Description	Part No.	---
5/8" Diameter Right Hand Grip	11-18982	---
5/8" Diameter Left Hand Grip	11-18983	---
3/4" Diameter Right Hand Grip	11-18984	---
3/4" Diameter Left Hand Grip	11-18985	---
7/8" Diameter Right Hand Grip	11-18986	---
7/8" Diameter Left Hand Grip	11-18987	---
1" Diameter Right Hand Grip	11-18988	---
1" Diameter Left Hand Grip	11-18989	---
1-1/8" Diameter Right Hand Grip	11-18990	---
1-1/8" Diameter Left Hand Grip	11-18991	---

## FEELFLIGHT FLIGHT GRIP

The FeelFlight Grip is a newly developed and patented product inspired by the FAA FlySafe mission to reduce fatal loss of control accidents. The basic component is the unique haptic feedback control grip. This grip signals the pilot "angle of attack" and "inclination" by pulsing the fingers. This is accomplished by electronic solenoids inside the grip. Best rate of climb - Vy, is signaled at the ring finger. Best angle of climb - Vx, is signaled at the middle finger, and STALL is signaled at the index finger. Inadvertent stalls often become fatal because the pilot does not have his turn coordinated. This can result in a spin. There are signaling pins on the left side of the grip and right side of the grip that signal "inclination." The signal pulses the thumb on the left or the lower index finger on the right. Inclination is the same signal broadcast by the conventional "ball" instrument. Proper pilot maintenance of angle of attack and inclination is crucial for safe flight.

P/N 11-19003

## FLIGHT GRIPS

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	PILOT 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 an 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	Unbored	11-01010	---
Right	7/8" Bore	11-01015	---
Right	1" Bore	11-01020	---
Right	1-1/8" Bore	11-01025	---
Left	Unbored	11-01010-L	---
Left	7/8" Bore	11-01015-L	---
Left	1" Bore	11-01020-L	---
Left	1-1/8" Bore	11-01025-L	---
Neutral	Unbored	11-02010	---
Neutral	7/8" Bore	11-02015	---
Neutral	1" Bore	11-02016	---
Neutral	1-1/8" Bore	11-02017	---

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