

# POWER PANELS – FLAP CONTROLLERS – GRIPS

## ELECTRONIC FLAP ACTUATOR / INDICATOR



The Electronic Flap Actuator (2071/2072) is an electronic module designed to automatically control an electrical flap actuator and provide visual readout of 3 or 4 flap positions. The device can be used with any electrical actuator providing the operating current is less than 8 amps at 12 volts. A 5K or 10K resistive sensor is required to provide a voltage readout of the actuator position. The control unit incorporates push button switches with built in LED lights. The system can be easily calibrated to your flap system. This involves first placing the actuator in the manual mode then manually moving the flaps to a desired position by pushing one of the switches. Once the flaps are positioned correctly, a combination of switch actions will record that flap position in the onboard memory in the actuator. This process is repeated until the values for all four positions have been stored in the memory.

Once calibrated, pushing any of the switches will activate the actuator and drive the flaps to the correct pre-defined position. When the flaps are at the correct position, the actuator will stop, and the LED in the correct switch will illuminate indicating that the flaps are in the correct position.

The LED lights in the display can be dimmed by hooking the dimmer output to an external dimming voltage. The Flap actuator also incorporates an electrical flap position interface for use with the Aircraft Components P/N 2070 Gear Position Warning System eliminating the need to install the external flap switch.

**Note:** This system is not FAA approved. It is intended for installation in Experimental category aircraft only.

The Electronic Flap Actuator is available with 3 flap position switches (full up, takeoff position, and full down) or 4 flap position switches (full up, 20 degrees, 40 degrees, and full down).

4 switch.....P/N 11-07728

## FLAP HANDLE



This flap handle is a well built, durable, and cost effective alternative to the plain round standard flap toggle switch that exists in most experimental aircraft. This unit is easily installed over the existing toggle switch with the included set screws. This unit is powder coated for a long lasting, durable finish.

**Note: This is the Flap Handle Only**

Flap Handle.....P/N 11-11337

Flap Handle and anti rotation plate that limits knob rotation and also provides a nice labeling of the flap handle.

P/N 11-11338

## RELAY DECK



Two axis relay deck to be used for both elevator and aileron servos.

P/N 11-10512

## PISTOL GRIP COVER



These Grip Covers are made of soft, durable red neoprene and feature a high quality zipper to wrap snugly around most stick grips. These covers help prevent UV damage to your stick grip. In addition to

protecting against dirt and other foreign object damage, these covers also prevent switch damage when entering cockpits or when working under instrument panels.....P/N 11-13088

## VINTAGE AN 8002 REPLICA

### RUBBER STICK GRIPS



Get a grip on authenticity! The "AN 8002" grip is back in 1" and 1-1/8" sizes. Used in Piper, Aeronca, Taylorcraft and many others from prewar to 1947 Correct grip for L- birds, looks great on homebuilts!

1 Inch.....P/N 11-12769

1-1/8 Inch.....P/N 11-12767

## TOSTEN STICK GRIPS

Wired with 22 gauge wiring. 7/16 stainless steel shaft with custom machine bushings to fit any diameter shaft. Comfortable grip. Made with lightweight glass-filled Wellman nylon. Rotates easily to any position. Made in the USA. For use in Experimental Aircraft Only.

| Model   | Functions   | Part No. | Price |
|---|---|----------|-------|
| <br>CS-2   | Two function control stick<br>Index trigger button<br>Additional button underneath trigger<br>Ambidextrous design                 | 11-10508 | ---   |
| <br>CS-4   | Four function control stick<br>Two trigger buttons<br>Two face buttons<br>Ambidextrous design                                     | 11-10509 | ---   |
| <br>CS-6  | Eight function control stick<br>Four-way hat switch<br>Trigger button and index button<br>Ambidextrous design                     | 11-10510 | ---   |
| <br>CS-8 | Eight function control stick<br>Four-way hat switch<br>Two face buttons<br>Trigger button and index button<br>Ambidextrous design | 11-10511 | ---   |

## INFINITY AEROSPACE LIGHTED RETRACT HANDLE WITH GEAR SWITCH



Canard and Non-Canard RED / GREEN lighted Retract Handle with DPDT Lever Lock Gear Switch (12 VDC / 7.5 amp, or 24 VDC / 4 amp )

Gear DN the handle LED light is GREEN; Gear in Transit or is Unsafe, or the Canard Retract Handle and Switch is in the Center OFF position, the LED light in the handle is RED; Gear UP the handle LED light is OFF, or BLUE (your choice).

The GREEN / RED LED light in the handle can be changed to different colors (such as GREEN / BLUE for amphib), or GREEN / RED / BLUE, but GREEN / RED gear lights for retractable landing gear are standard colors in retractable planes. Pre-wired with 2 feet each of 22 gauge GREEN, RED, BLUE and BLACK wires.

| Description               | Part No. | Price |
|---------------------------|----------|-------|
| 12 Volt Canard            | 11-12220 | ---   |
| 12 Volt Non-Canard        | 11-12361 | ---   |
| 24 Volt Canard            | 11-12221 | ---   |
| 24 Volt Non-Canard Purple | 11-12362 | ---   |