**Battery Accessories – Flap Controllers**

**Battery Box Bumper Seal**

Battery Box Bumper Seal. 1103M foam with sticky back. Mil Spec: AMS3195E

- Bumper Seal 1" ........................................ P/N 11-00613 .................. $4.95

**Aircraft Battery Hydrometer**

Special Tested designed for testing aircraft Batteries. Requires only small amount of fluid & ideal for close quarters. Float calibrated from 1.300 Sp. Gr. in 5° intervals

- P/N 11-02753 .......................... $33.00

**Aircraft Battery Lock**

Designed to disable the battery from the electrical system which cuts off all power to the aircraft unattended many pilots. However, many panel locks are easy to pick and pry open. The Batter lock is constructed using a tough space age plastic polymer and a seven pin round ball bearing lock that is impossible to pick which in turn prevents aircraft theft and increases security.

- P/N 11-02753 .................... $33.00

**Battery Mat**

The Battery Mat is the world’s only acid neutralizing and absorbing mat designed for use beneath any lead-acid battery. Each mat is simple, efficient, and cost-effective. It’s ideal for use with all aircraft, as well as standard and heavy duty equipment. The acid-neutralizing and absorbing fabric is patented and manufactured with recycled material in the U.S. Battery Mat absorbs and neutralizes battery acid that may leak or result from a “bowl over”, prevents corrosion, cushions vibration shock, is simple to use and install, and is safe to handle.

- Width: 12". Sold by linear ft. P/N 11-00170 ........... $6.75 Ft

**Grounding Block / Terminal Block / Bus Bar**

Complete with a nickel-plated copper bus bar and stainless steel nuts with nylon lock washers, stainless steel flat and locking washers and 6 stainless steel screws (5 are 6/32 screws and one is 6/32 for the incoming ground power). Each screw can accept up to four rings by placing them back to back (see picture). Overall dimension is 4.25" long by .75 wide.

- P/N 11-13347 .................... $36.75

**FPS Plus - Flap Positioning System**

The FPS-Plus is a full service, automatic, flap positioning system. This system operates similar to the “Cessna type flap systems” that many pilots were trained in. The pilot can easily go from one flap position to another with one quick press of the flap button. All flap stop positions (from 0 to 120, your choice) are easily, user programmable. This system is also fairly simple to retrofit to your “already flying” aircraft.

- The Plus feature of this system, allows you to program an elevator trim position for each flap position. Your elevator trim will be automatically adjusted, for every different flap setting that you choose. NO more manual tweaking of the elevator trim is needed for every different flight configuration.
- The pilot can now pay more attention to the actual “flying the aircraft”, rather than tweaking the correct amount of elevator trim for every different flight configuration. Flying is made much more enjoyable. If you desire to retract the flaps fully, all you have to do is press the “flap up” button for more than one second. The flaps will be automatically retracted to their full up position. The elevator trim is also automatically adjusted to your cruise trim position.

**Features:**

- Full Automatic Flap Positioning with or without “Automatic Elevator Trim Compensation”
- Step and Proportional Modes
- Designed for +12v and +24v Systems
- Compatible with most motors and indicators
- Setup is Fully User Programmable
- No Limit Switches to Install

**Specifications:**

- The system will operate on +12Vdc or +24Vdc systems.
- Maximum amperage for each motor, 10A.
- Dimensions (overall) 3" x 5.75" x 1.25".
- Footprint 3 x 5.75".
- Mounting: 2 holes in bottom flanges, 0.156" dia, 5.375" apart.
- Weight: < 4oz.

**FPS-Plus Reflex Operation**

- All features of this system are exactly the same as our FPS-Plus. The exception is, when you press the Flap Up button for more than a second, it returns the flaps to the zero degree position, not “full up”. This is an advantage when initiating a “go-around” and “touch and goes”.
- It is also an advantage when your flaps are in any down position, and you want to return the flaps to the “take-off” position.

**FPS-Plus with Elev. Trim ..................P/N 11-02980 ........... $189.00**

**FPS-Plus without Elev. Trim ..................P/N 11-02981 ........... $129.00**

**FPS - PLUS REFLEX ..................P/N 11-06440 ........... $284.00**

**Seal-All Mini Fuse / Micro Relay Panels**

**Seal-All Mini Fuse Panel:**

- HOLDS 20 Mini Fuses (30A max output per contact)
- Sealed cap cover and seals for wires to make it weather tight
- Compact size (4.44"x 3.33")
- Each row of 10 fuses is separately fused with #10-32 input studs (you can separate avionics and lighting circuits on separate busses and control power to them by relays)
- Accepts wire size 22-12 gauge
- Easy wiring (crimp terminal and push into hole on the backside)
- Uses crimp terminals (sold separately based on wire size and accepts 22-12 ga wire)
- Wire seals are included with the crimp terminals to make a weather tight seal
- Available mounting bracket for easy mounting and wiring (sold separately)
- Cavity plugs are available to seal any unused openings.

**Seal-All Combination Mini Fuse and Micro Relay Panel:**

- HOLDS 10 Mini Fuses (30A max output per contact) and 2 Micro Relays (at 12V rated at 35A for SPST)
- Sealed cap cover and seals for wires to make it a weather light unit
- Compact size (only 4.44"x 3.33")
- Row of fuses and relays are bused separately with #10-32 nickel plated brass input studs (you can separate essential and non-essential circuits and control power to them by relays)
- Easy wiring (crimp terminal and push into hole on the backside)
- Accepts wire size 22-12 gauge
- Uses tangles terminals (sold separately based on wire size and includes seals)
- Available mounting bracket for easy mounting and wiring (sold separately)
- Wire seals available for every wire size (and cavity plugs for any unused openings).

**Cavity Plug**

- 5 plugs P/N 11-13357 $2.75

**Terminal Removal Tool**

- P/N 11-13369 $1.95

**Mini Fuse Gray 2 Amp Pack of 5 fuses**

- P/N 11-13368 $4.75

**Mini Fuse Tan 5 Amp Pack of 5 fuses**

- P/N 11-13369 $4.75

**Mini Fuse Brown 7.5 Amp Pack of 5 fuses**

- P/N 11-13361 $4.75

**Mini Fuse Red 10 Amp Pack of 5 fuses**

- P/N 11-13362 $4.75

**Mini Fuse Blue 15 Amp Pack of 5 fuses**

- P/N 11-13363 $4.75

**Micro Relay 12 Volt AMP RATING NO-20/NC-15 / SPST contact**

- P/N 11-13364 $7.50

**AMP RATING NO-30C-20 / SPST contact Micro Relay 12 Volt**

- P/N 11-13365 $7.50

**Micro Relay 24 Volt AMP RATING NO-30C-19 / SPST contact**

- P/N 11-13366 $7.50

**Rear Terminal Mini Fuse Panel**

- P/N 11-13348 $57.75

**Rear Terminal Combo Mini Fuse & Micro Relay Panel**

- P/N 11-13349 $66.75

**Rear Fused Panel at One Way**

- P/N 11-13351 $57.75

**Terminal 22-20ga with seals Red (10 terminals & 10 Seals)**

- P/N 11-13353 $9.50

**Terminal 18-16ga with seals Purple (10 terminals & 10 Seals)**

- P/N 11-13324 $9.50

**Terminal 16-14ga with seals Green (10 terminals & 10 Seals)**

- P/N 11-13355 $8.75

**Terminal 14-12ga with seals Grey (10 terminals & 10 Seals)**

- P/N 11-13356 $8.75

**Cavity Plug - 5 plugs**

- P/N 11-13397 $2.75

**Terminals Removal Tool**

- P/N 11-13348 $1.95

**Mini Fuse Gray 2 Amp Pack of 5 fuses**

- P/N 11-13368 $4.75

**Mini Fuse Tan 5 Amp Pack of 5 fuses**

- P/N 11-13369 $4.75

**Mini Fuse Brown 7.5 Amp Pack of 5 fuses**

- P/N 11-13361 $4.75

**Mini Fuse Red 10 Amp Pack of 5 fuses**

- P/N 11-13362 $4.75

**Mini Fuse Blue 15 Amp Pack of 5 fuses**

- P/N 11-13363 $4.75