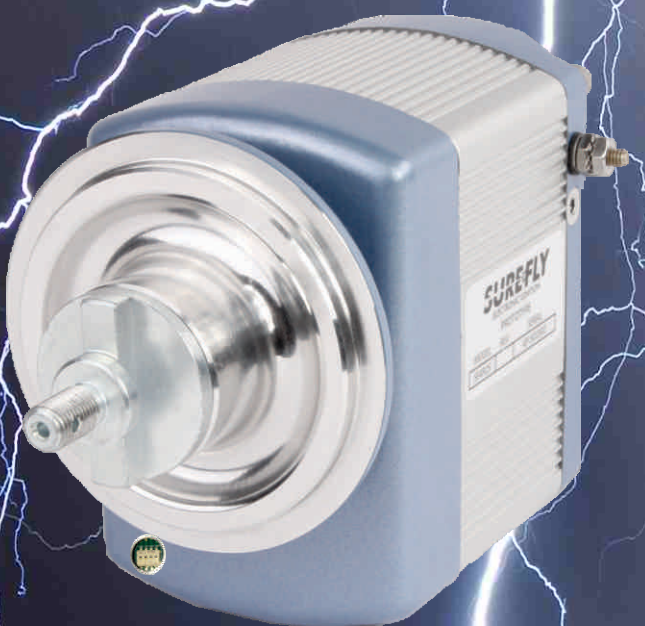
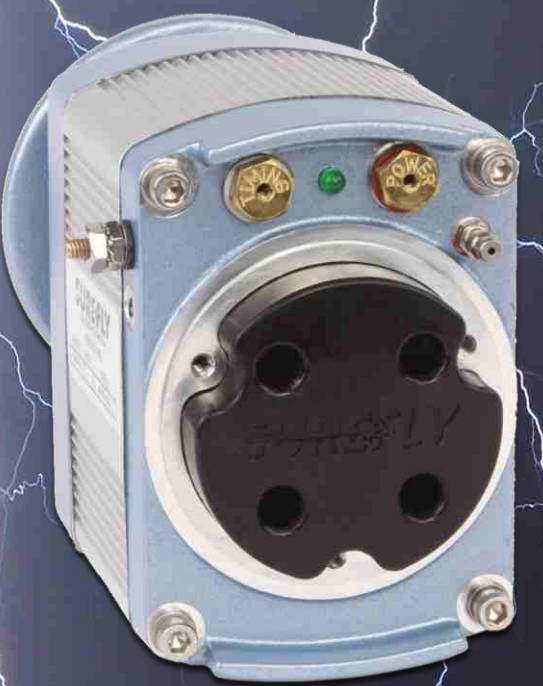
AMERITECH INDUSTRIES

Your Ignition Source

*Certified and Experimental Electronic Ignition Systems





SURE FLY ELECTRONIC IGNITION

Installs like a mag

Times like a mag

Fits like a mag

*Certification in process
(4 & 6 Cyl)

Also available: EMAG Electronic Ignition

(See reverse for details)

Distributed by Ameritech Industries, Inc.

(800) 292-7767

PERFORMANCE • ECONOMY • RELIABILITY

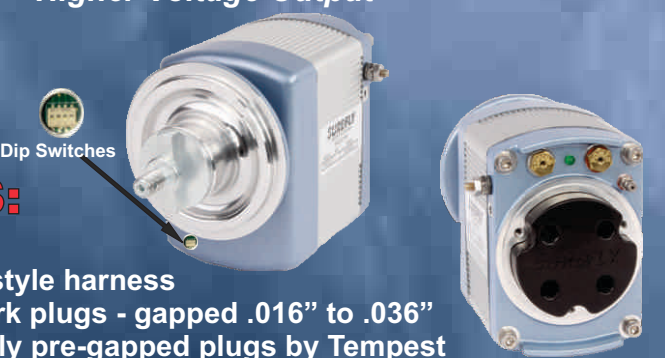
NO OTHER MODIFICATION TO YOUR AIRCRAFT WILL HAVE AS MUCH EFFECT AS UPGRADING TO ELECTRONIC IGNITION!

Whether you own or operate a certified or experimental aircraft, electronic ignition systems have greater spark energy as well as variable spark timing. These two basic changes can improve fuel efficiency on an average 6 to 15%.

BENEFITS USING ELECTRONIC IGNITION SYSTEMS:

- *Efficiency - Fuel Savings*
- *Hot & Cold Starts - Reduced or Eliminated*
- *Improved High Altitude Performance - Timing Adjusted With Altitude*
- *Engine Operation - Smoother*
- *Spark Plug Fouling - Reduced*
- *Maintenance Costs - Reduced*
- *Higher Voltage Output*

SURE FLY ELECTRONIC IGNITION



FEATURES & SPECIFICATIONS:

- * Experimental
- Solid State Electronics
- 4 & 6 cyl. Cont. & Lyc.
- 14 volt or 28 volt
- 2000 hour TBO
- No interval inspections
- Lighter weight, .5 to 2 lbs.
- Simple two wire hook-up
- Use existing drive gear
- Use "Slick" style harness
- Aviation spark plugs - gapped .016" to .036" or use SufeFly pre-gapped plugs by Tempest
- Retards spark to TDC for easier starts
- Up to 38° ignition advance - RPM & MP based
- Hall Effect sensor provides velocity and position input
- Manifold pressure sensor
- Operational temp range -35° to 250° F

Simple installation:

1. Remove old magneto. On 4-cylinder engine move magneto gear to SIM (SureFly Ignition Module).
2. Remove dip switch cover, set dip switches to run in advance or fixed timing mode. Then set dip switches to configure base timing (listed on engine date plate) in accordance to the table provided with installation instructions. Replace dip switch cover.
3. Set SIM shaft to TDC by applying a fused power wire to "TIMING" terminal on SIM. LED on SIM will illuminate. Rotate shaft until LED extinguishes. SIM is now at TDC.
4. Install SIM being sure LED remains extinguished. Finger tighten mounting clamps and move Power Wire to "POWER" terminal.
5. Reattached Harness, P-Lead and connect Manifold Pressure Hose from source to Manifold Pressure Fitting.
6. It's that simple, sign logs, test run and Fly.

E-MAG Electronic Ignition

FEATURES & SPECIFICATIONS:

- * Experimental
- 114 Series - 4 cyl. Cont. & Lyc.
- ** 200 Series - 6 cyl. Cont. & Lyc.
- 14 volt or 28 volt
- Self-powered using built-in permanent magnet alternator
- Installs like a mag
- Fits like a mag
- Quick-set timing
- Single or dual systems
- Interactive control and display option

* Certification in process
** 6 Cylinder systems in development

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