

MID-CONTINENT AIRCRAFT CORPORATION

Planegram

Less stress on the wing. Less stress for you.

The load on Thrush Aircraft's new lower spar caps is carried by over twice as much metal as the old spar caps – reducing the maximum stress in that area by over half. And the 500 series features a long lower splice block with 8 bolts, the largest being 1" in diameter. It's designed specifically so that if there were ever fatigue, the last hole on the lower splice blocks would fatigue first – long before the lower spar cap does – and it can be easily replaced. The Thrush 710P features a new 54-foot wing span, with a 12-foot long main spar



center section machined from a solid slab of 4140 steel that's 2 1/2" thick and nearly a foot wide. A single pin joint on the 710P is able to support a load over 450,000 pounds.

AG INSURANCE UPDATE

Our experienced Aviation Insurance Team is always ready to help you in the highly specialized field of aviation insurance. Years of experience enables us to find ways to provide coverage tailored to your individual needs.

The good news for you is we have 5 markets that are writing Ag Aviation Insurance. We have seen the time when we only had 2 or 3 and that situation leaves very little room for competition and negotiations.

The not so good news is that

we have seen some hardening of the markets which means they are being less flexible, limiting coverages and pushing to increase rates, etc.

Since we have so many markets those accounts with favorable histories have an edge when negotiating their renewal terms. When all is said and done, no company wants to lose a good account.

Our current markets are AIG, Allianz, Phoenix, Starr and USAIG and rumor has it a 6th market is interested in writ-

ing the business.

Our commitment to outstanding customer service, has always been a traditional trademark of Mid-Continent. We would appreciate the opportunity to discuss your insurance needs. Please contact us at 800-325-0885 for a no obligation review.

We'd also like to thank all of our current insurance customers for their loyalty and tell you we really appreciate the many referrals you send our way.

Our Mission:

To keep you flying.

Since 1949, Mid-Continent Aircraft has been the leader in Agricultural Aviation by providing a variety of services that exceed our customers' expectations.

We are committed to the advancement of general and agricultural aviation technology.

As we move into each day, we will continue to grow with your business and provide the tools you need to be a success.

Aircraft Sales
Aircraft Insurance
Aircraft Parts
Aircraft Maintenance
GPS Sales & Service

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MID-CONTINENT AIRCRAFT CORPORATION is located in Hayti, Missouri, 80 miles north of Memphis, Tennessee. Even though Hayti is not the geographical center of our nation, **MID-CONTINENT** is the center for all ag aviation needs.

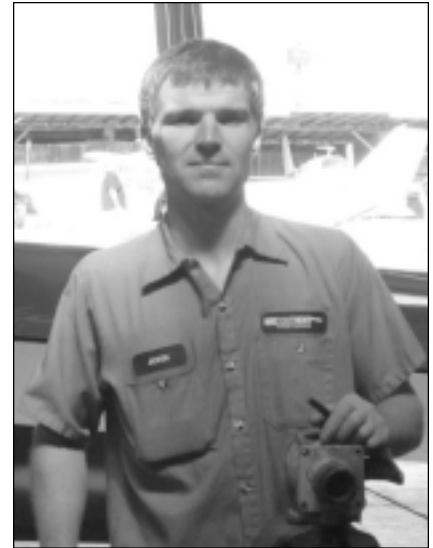
With excellent daily truck freight lines, air freight, Federal Express, and UPS delivery capability, **MID-CONTINENT** has and will continue to cover the world.

Company Stars

JOHN McCAIN AIRCRAFT MECHANIC

John started with Mid Continent Aircraft October of 2012. He lives in Ridgely, Tennessee.

His hobbies are spending time with his family and fishing.



Ag Vortex Generators

Boundary Layer Research / Aeronautical Testing Service Ag Series vortex generator kits are designed from the ground up to address the unique problems ag operators encounter with the various makes and models of ag aircraft. Aeronautical engineer Paul Robertson, along with his engineering team at A.T.S, thoroughly analyze the flight characteristics of each model of aircraft and then design a solution to maximize the performance and safety of that particular model.

ATS/BLR kits incorporate four different designs of vortex generators to control or modify airflow. Each is designed to address a particular kind of problem at different locations on the aircraft.

ATS/BLR is the only vortex generator manufacturer that sizes their vortex generators in order to optimize performance on individual aircraft models.

In the wing walk areas solid aluminum, triangular shaped vortex generators are used which can be stepped on without damaging them.

A major concern of ag operators is what effect the vortices created by the delta wings have on their spray pattern. More than 1,000 hours of actual spray operations have shown there to be no adverse effect on the pattern.

By using various combinations of vortex generators, strakes, and delta wings, Boundary Layer Research ag series vortex generator kits reduce stall speeds up to 16%, increased productivity 12-15% and add safety margins well beyond those of any other vortex generator kits on the market. All kits are fully FAA STC'd, all parts are PMA manufactured.

Call Mid-Continent for more information and pricing.

Planemart

MID-CONTINENT AIRCRAFT CORPORATION

Check our website
for more pictures
and specs.
www.midcont.net

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2013

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	1	2	3	4 Independence Day	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			