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Thrush Welcomes New Year, New 510 Models

by JOSH RITTENBERRY



Welcome to 2022. With a new year ushered in, comes renewal and a fresh start. In that



spirit, the team at the Thrush Aircraft factory in Albany, Georgia is celebrating the launch of two new aircraft: the 510P2 and 510P2+.

“We’re taking the 510G long nose airframe and putting the PT6A-34AG and PT6A-140AG engines on it,” says Thrush President Mark McDonald. “As a result, we will combine the more aerodynamic, longer-lasting airframe with two new engines that have not been on the aircraft before. That creates a new model that we are certifying very soon. After that, we will add dual

cockpit versions and that will be our new family for the 500 gallon market.”

Sitting for this interview last month at the 2021 NAAA Ag Expo in Savannah, Georgia with the P2+ model on prominent display, Mr. McDonald explained the development of the models will ultimately span a year, from concept to expected certification in the coming months.

Even in the face of interruptions in the supply chain that have affected everyone from major manufacturers to grocery stores across the country, McDonald is planning to increase overall production.

“We’re trying to ramp up production year over year by 50 percent, so we have our work cut out for us—especially in this environment where the supply chain is struggling—and there is a lot of inflation that we, and everyone, is experiencing. Despite all of those issues, we have to figure out how to build these aircraft that so many people want.”

As McDonald told *Ag Air Update* last October, a conversion program will also be introduced wherein Thrush owners with the 510 GE H80 engine will have the option to select a new PT6A-34AG engine or one that is owner-provided that must meet specific build specs and be within TBO. Completion of this process is expected to take 60-75 days.

With all of this talk of the 510, it is also important to note that Thrush has recently completed upgrades to their 710P model, which you can also look forward to in the coming year.

With the challenges of certifying two new aircraft almost behind them—in the pandemic era no less —Thrush is powering into 2022 to deliver what is certain to be highly successful products in the P2 and P2+.

Expo Auction Winners Announced



Congratulations to Mitch Probasco for winning the silent auction propeller clock donated by Mid-Continent at the 2021 NAAA Ag Expo.



Congratulations to Steve Helinski for being the winner of the Mid-Continent Orca Cooler give-away at the 2021 NAAA Ag Expo.

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Congratulations to Benoit Aerial Spray in Bourbonnais, Illinois on the purchase of their 2021 Turbine Thrush. The shiny new bird was on prominent display at the 2021 NAAA Ag Expo.

(Pictured L-R: Shannon Kurtz, Benoit Aerial Spray owner David Kurtz, Benoit Aerial Spray pilot David Lambert)



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Scenes from NAAA Expo



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Mid-Continent Reps Visit Thrush Factory

On December 10 Chris Cobb and Dennie Stokes joined over 100 other members of the public on an open house tour of the Thrush Factory in Albany, GA.



Look for Mid-Continent Aircraft at these upcoming conventions.



January 6-7

Missouri Aerial Applicators Association
Drury Plaza
Cape Girardeau, Missouri



January 14-15

Arkansas Aerial Applicators Association
Little Rock Marriott
Little Rock, Arkansas



January 20-22

Mississippi Aerial Applicators Association
Beau Rivage Resort & Casino
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'14 AIR TRACTOR AT- 502B N114WL

5,406.6 A/F TT, GTR-224 VHF,
GTX335 ADS-B Out Xpnder w/
Encoder, Satloc Bantam DGPS,
Electric Brake



1978 AYRES S2R-600 N4001X

13,066.9 A/F TT, 6365 TT
Engine, 2679.8 TSOH, 750 HP,
Bantam GPS, Smoker, Bottom
Load Fuel, Vortex Generators
(Micro), 190 Gallon Fuel, Wing
Extension Installed, Weatherly



1989 AIR TRACTOR AT- 402 N1012B

13,025 A/F TT, Left & Right
Bottom Load Fuel, Left & Right
Loader Valve, Flow Control,
Vortex Generator, Heat & A/C,

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**2008 AIR TRACTOR AT-602
N132JW**

G-4 w/Intelliflow, Smoker, 10" Hydraulic Gate, Single Pt Fuel, 218 Gallon, Fast Start, Fresh Annual

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**1978 AYRES S2R-T34
N4009J**

19,811.85 A/F TT, 750 HP, Smoker, Vortex Generators, Single Point Fuel, Aileron Servo, Winglet, Zee A/C, 500 Gallon Hopper, 190 Gallon Fuel, 12,173.9 TT Wing Spars Replaced

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**1978 PIPER PAWNEE
BRAVE
N3787E**

45,950 A/F TT, Lycoming TIO-540, 1851.0 TT Engine, 446 Hrs on New Carbine, Cylinders Top OH, Spreader, Boom & Nozzles, 86 Gal Fuel, Satlock GPS, 3656 Hrs Left on Wing Spars

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**1996 THRUSH S2R-G1
N2237D**

9688.0.0 A/F TT, Hatfield Bottom Load Fuel, A/C, Vortex Generators, New Satlock Bantam, Flow Control, Stainless Steel Spray System, AFS Check Valves, CP Nozzles, Agrinautics Pump, Lane Electric Brake, Aircraft Radios, Fresh Eddie Current, Spar Caps 3220 of 6,200 Hour Life

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**2013 THRUSH S2R-H80
N3046N**

3,600 A/F TT, 800 HP, Load Hawg, VGs, Bottom Fuel/Dual Load, Intelliflow with Smart Pump, Leading Edge Lights, Stainless Steel Booms, Hopper Rinse, Bantam, Smoker, Spreader with Kicker Plate, CPs, MVP 50T Glass Panel

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**1981 CESSNA A185F
N61955**

7300 A/F TT, 770 SFRM, Continental IO520, 285 HP, Audio Panel w/ 3 Light Markers, Garmin 430 WAAS, Garmin 255 Com, Garmin GTX 345 w/ ADSM In and Out, Glide Slope, Stormscope, S-TEC-50 Auto Pilot with Altitude Hold, Rosen Sun Visors, VG Kit, Horton STOL Kit, Float Kit, Cessna Turbo Vents for Cabin Cooling, Backup Altimeter, Backup Artificial Horizon

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**1998 Air Tractor AT-802A
N5094H**

12,152.6 A/F TT, 1230 HP, 2000 SPOH, Reabe Digital Hopper, Quantity & Spray Boom Pressure, E-TEC Inc Fast Start System, Comm Radio, Hemisphere G4 GPS, RT Side Boom Shut Off, Smoker,



**1988 AIR TRACTOR AT-301
N69WN**

8,900 A/F TT, 600 HP, 530.0 SPOH, 320 Gallong Hopper, Ag Pilot X GPS, Flow Control, Smoker, Stainless Steel Boom, Air Conditioner, VGs, Lane Electric Brake, Botton Load Fuel,



**1983 AIR TRACTOR AT-301
N31580**

9679.2 A/F TT, 600 HP, 550 Engine TT, 350 Gallon Hopper, Bantam GPS W/ G4, Light Bar, Intelliflow, Stainless Steel Boom, Nozzles CP-03, Smoker, A/C, Bottom Load Fuel, New Side

Hydraulic Gate, Air Conditioner, 25-Inch Gate, 2 Each Spreaders Windows
Wipaire Vortex Generators,
Wingman Wing Due at 15,823.2,
Gear Due at 12,798.2, Eyebolt
Stabilizer Due at 14,798.2,
4479.7 Hobbs

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