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Official publication for AMTSociety

November/December 2011

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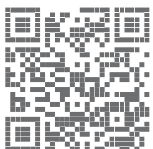
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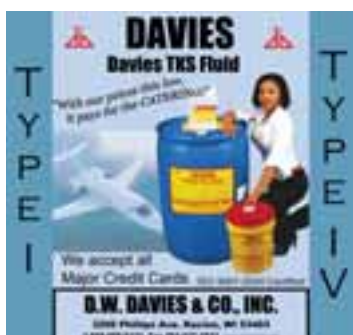


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Maintenance tracking software



SkyBOOKS is a web-based flight operations and maintenance tracking software provided for either user and or analyst management. Aircraft configuration compliance is maintained by maintenance manual revision and AD notification services as changes occur.

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Heritage Turbines is a Pratt & Whitney PT6A service center. It specializes in hot section inspections, fuel nozzle services (recertification and overhaul), bleed valve overhaul, and engine repairs. It offers quick turn times and exchanges when necessary. For more information call (888) 669-9531 or visit www.heritageturbines.com.



Large exit duct overhaul

Northstar Turbine is the manufacturer's representative for Global Turbine. Global Turbine overhauls large exit ducts for PT6A-28 and 34 series PT6A engines. Global Turbine's large exit overhaul replaces everything except the mounting flange. This means that Global Turbine can overhaul large exit ducts that others can't repair. For more information visit www.pt6pma.com.

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Precision Airmotive provides new and rebuilt RSA fuel injection systems, servos, flow dividers, and nozzles for Lycoming Engines. It supplies repair kits, parts and supporting manuals and publications. For more information visit www.precisionairmotive.com or call (360) 651-8282.



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Continental starter

The Hartzell Engine Technologies M-Drive is a lightweight starter designed to start even the hardest cranking large-bore Continental engines equipped with TCM starter adapters. Features include no back-torque, drive shaft spins free, protects all Continental adapters, reliable disengagement, PMA - FAA approved, weighs 7.5 pounds, and two-year warranty. For more information visit www.hartzellenginetech.com.

Millennium cylinders

Superior Air Parts offers Millennium Cylinders to its global dealer network for Lycoming: O-235, O-300, O-360/IO-360, and O-540/IO-540; and Teledyne Continental: C-75, C-85, C-90, O-200, O-470 U&H/IO-470 D, E, H, L, M, N, U, V, and IO-550/TSIO-550 engine types. They feature an advanced 3-D port contour and increased wall thickness, through hardened AMS 6382 steel barrel, and other metallurgical advancements. Millennium Cylinders resist cracking, run cooler, last longer than others available in the market. For more information call (800) 277-5168 or visit www.superiorairparts.com.

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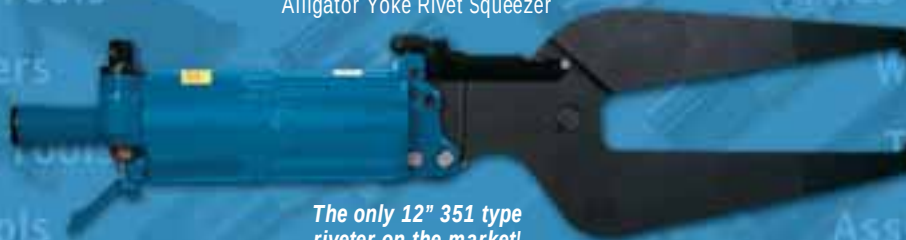
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Tronair has incorporated a Cummins Tier 3 QSB electronic engine into its 28.5v DC GPU. The engine operates at 1,800 rpm for low fuel consumption. The control panel includes a large engine digital display and diagnostics module (DDD) to view engine parameters, maintenance timers and fault codes, low fuel warning lamp. The engine operates with diesel or jet A fuel, incorporates a fuel/water separator with water in fuel sensor, and a large 35-gallon fuel tank for 12 plus hours of use. For more information visit www.tronair.com or call (419) 866-6301.



Remote controlled towing device

The Towbot is a remote controlled towing device that allows a single person to safely move aircraft from any vantage point with no additional personnel needed to help guide the craft. It is available in several configurations to accommodate aircraft equipped with single or dual nose wheel, wheel pant, tail dragger or even helicopters with single or dual wheel carriage. The standard unit is capable of towing aircraft up to 15,000 pounds. The heavy-duty model tows up to 30,000 pounds, and the Bomberbot can tow up to 50,000 pounds. For more information visit www.tracetowbots.com or call (432) 618-2684.

Flightline air data test set

DMA-Aero offers the MPS43 Flightline air data test set for use in the aircraft cockpit. Packed with features comparable to test sets weighing 45 pounds and more. It is lightweight, weighing 9 pounds. Fully automatic RVSM compliant, it offers 55,000-foot altitude, 550-knot airspeed, 1,000-hour guarantee integral pump, and battery backup. For more information visit www.dma-aero.com.

Landing gear service cart

The Malabar Model 8844B landing gear strut service cart provides hydraulic fluid and nitrogen to service both single chamber and dual chamber struts for all narrow and wide body aircraft landing gear. Specifications available at www.malabar.com or call (805) 581-1200.



Ground cover mats

AlturnaMATS ground cover mats are manufactured of 1/2-inch thick recycled polyethylene and have a lifetime warranty. They are designed to keep equipment from getting stuck in muddy, sandy, wet, or even snowy situations. Features include diamond cleat tread pattern for maximum traction; available in black and white; and in sizes ranging from 2' x 4' up to 4' x 8'. For more information visit www.alturnamats.com.



Refueling equipment

Becker and Associates provides service and equipment for aviation refueling and petroleum equipment. It is a stocking distributor for Eaton (Carter) ground fueling, Facet Intl., Gammon Technical Products, Hannay Reels, OPW, Enraf, Goodyear, and Durodyne fueling hose. For more information call (630) 629-9440 or visit www.beckerandassociates.com.



Elevating platform trailer

The Advance Metalworking Co. Inc. manufactures the Wing Jack elevating platform trailer. This 4,000-pound payload capacity trailer is specifically designed to carry aircraft wing jacks only. The trailer simplifies any loading situation due to its ability to hydraulically lower to ground height. When lowered, the built-in ramp provides a 3-degree load angle for easy, drive-on access. This single axle trailer comes equipped with pintle hitch and features a built-in tie-down rail as well as six standard "D" ring tie-downs. Trailer does not include lights, fenders, or brakes and, therefore, is not intended for over the road use. Recommended maximum speed is 15 mph. For more information visit www.advancemetalworking.com or call (309) 853-3387.

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Leak detection kit

Spectronics Corp. offers the ALK-365 aviation fluid leak detection kit for finding leaks in aviation fuel, lubrication, and hydraulic systems. This versatile kit works with all petroleum- and synthetic-based lubricants and fluids. The kit includes the powerful, cordless, and rechargeable OPTIMAX 365 UV LED leak detection flashlight. Engineered with state-of-the-art, ultra-hi-flux LED technology, this flashlight is four times brighter than other high-intensity UV lamps. The kit also includes an 8-ounce (237 ml) bottle of Aero-Brite universal fluorescent dye, which pinpoints the exact location of all aviation fluid leaks by a bright yellow/green glow. Rounding out the kit is an 8-ounce (237 ml) bottle of GLO-AWAY dye cleaner, smart AC and DC chargers, a belt holster, and UV-absorbing glasses. All components are conveniently packed in a soft carrying case. For more information call (800) 274-8888 or visit www.spectroline.com.



Videoscope systems

Lenox Instrument Company offers a complete line of borescopes and videoscopes for engine and air frame inspection. It offers white light and UV light products. A recent product is a portable videoscope system. The self-contained system combines state-of-the-art video technology, cordless operation, compact portability, and rugged durability at an affordable price. Mounted to the end of a flexible, retractable, push rod, the system's camera can easily negotiate 90-degree bends and inspect lengths up to 98 feet (30 m). For more information visit www.lenoxinst.com or call (800) 356-1104.



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Videoscope kit

The PVR5 Plus videoscope kit from BorescopesRUs features a 4.3 mm probe diameter, tungsten sheathing, direct view, 5-200 mm depth of operation, 1,300 mm working length, 2200MAH Lithium-ion battery, and four-hour working time. For more information visit www.borescopesrus.com.

Ultrasonic thickness gauges

Danatronics Corp. offers a complete line of hand-held, precision ultrasonic thickness gauges for aircraft maintenance and nondestructive testing. Its UPG-07 series offers .0001-foot resolution, live waveform, 100K datalogger, export to Excel, and color or monochrome display options. For more information visit www.danatronics.com.



Flexible video borescope

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Visual inspection system

Intertest designs and manufactures industrial aircraft visual inspection systems specializing in video based RVI of fluorescent inspection techniques. The Automated WebViewer Inspection System (AWIS) with programmable four-axis motion control provides high-resolution color video images of fluorescent penetrant inspection (FPI) results from the internal surfaces of aircraft turbine motor drums or spools and shafting. The system has powerful UV illumination enabling bright crisp views. A graphic user interface (GUI) guides an operator through the inspection procedure and allows access to higher functions such as image processing, image capture, archiving, measurement, annotation, comparison, motion programming, and motion manual override. The AWIS-5 utilizes a remote focus 1/4" color CCD camera, a patented dual white and UV illumination system, and interchangeable optical adapters on a rock solid computer controlled robotic delivery system to view fluorescent penetrant. For more information call (908) 496-8008 or visit www.intertest.com.



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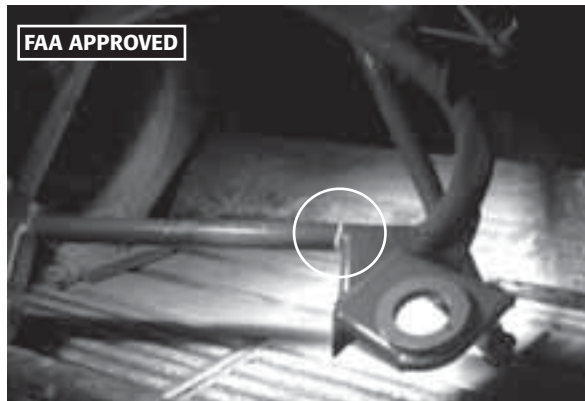
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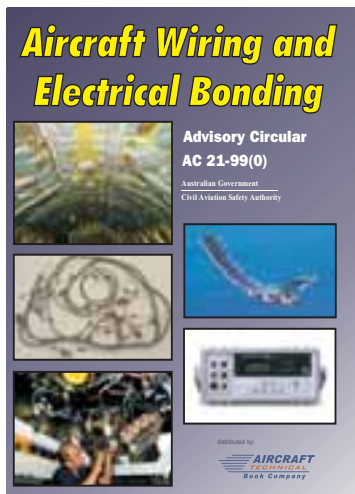
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T30-C796 Authorization for Model T30M1 LED Anti-Collision Light Assembly

This is in reply to your letter of March 5, 2008 requesting TSO authorization for your LED Anti-Collision Light Assembly, Model T30M1. The statement of conformance to TSO-C796 and the submitted data are accepted. Effective this date, you are authorized to identify the following aircraft in TSO-C796.

Model T30M1

LED Anti-Collision Light Assembly

(Red flashing anti-collision light assembly intended for use on aircraft equipped with TSO-C796. It consists of 12 light emitting diodes (LEDs) arranged in a vertical column spaced at 100° intervals. Each column contains 12 LEDs. The anti-collision light assembly is available for operation at either 14 or 28 volts AC, draws an average current of 0.24 (14V) or 0.28 (28V) amperes, and provides TSO category maximum effective light intensity.)

Your Quality Control System, as defined in Whelen Engineering Company, Inc. Quality Manual, Rev. E, dated March 7, 2005 is satisfactory for production of this model.

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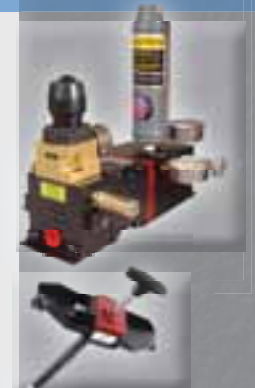
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Oil filter can cutter

BB Products offers the FC-3000 oil filter can cutter. It incorporates a longer plate that allows cutting filters from 3.7 to 4.7 inches in diameter. The company also offers a lighter oil filter media cutter for aviation filters, Model FMC-2010. This is a "Toolbox" version of the original oil filter media cutter that allows cutting and removing the filter media while reducing the chances of getting cut. The FMC-2010 can be mounted on the top of a toolbox or held in a vice for operation. For more information call (508) 867-5213 or visit www.bb-products.com.



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Situational awareness starting from the time we leave home in the morning until the time we return, we as human beings get so busy because of all the things life throws at us, we sometimes forget about situational awareness. It does no one any good to get injured or killed either on the way to work or responding to a maintenance call for any aircraft.

We, being humans, can and do lose touch. It is therefore imperative that we as professionals stop and get a handle on what is actually going on before we throw ourselves into overdrive. I personally have been caught once or twice by just being in too much of a hurry to get the job done/completed, so I could put out the next fire. It seems that the simple task or the task we do all the time is the one that will come back to haunt us. Take a look around you and see all the things that can come and bite you when you least expect it. You may well know that someone else is working on the aircraft, but has he or she done all the things required to make the aircraft safe to work on? Go and check; maybe they have lost situational awareness in a way that will adversely affect you. You owe it to yourself, your co-workers; passengers; and your family to stop and get that grip on what is really going on — all the time, every time.

On behalf of the board of directors and myself, we would like to wish you and your family a very Happy Thanksgiving; a very Merry Christmas; and a happy, safe, and prosperous New Year for 2012.

— Be safe, Tom Hendershot

Scholarship program

Please remember that com-

pleted scholarship request forms must be post marked December 15, 2011. Winners will be notified, and invited to attend the Cygnus Aviation Expo, March 7-9 with the formal awards program scheduled for March 9

AMTSociety golf outing

The weather was a picture perfect 75 at this year's AMTSociety Golf outing. A big thank you goes to Peter D. Zeeb, chairman, who with his committee conducted the best event ever. The outing started with lunch and registration at 12:15 p.m. followed by a shotgun start. When the match concluded, everyone was treated to a fine dinner with desert followed by the presentation of awards and prizes. I would like to thank the following hole sponsors for their generosity: AMT magazine, ARINC Direct, Cessna Aircraft, Corporate Jet Support, Dassault Falcon Jet, Dassault Falcon Services, Duncan Aviation, Gulfstream, Gulfstream Long Beach Spare Parts Sales, Haggan Aviation, Honeywell, StandardAero, Weststar Aviation, and World Fuel Services.

Additionally, the following donated: Caesars Entertainment: Food for the event; Dallas Airmotive: Beverage cart sponsor; Gulfstream Long Beach Spare Parts Sales: Golf towels for all golfers; Honeywell: Golf balls for all golfers; Satcom Direct: Golf balls for all golfers; and Snap-on Tools: Toolbox for the Par 3 Challenge.

And for all the great door prizes that were given out: AMT magazine, Corporate Jet Support, Dassault Falcon Jet, Gulfstream Spare Parts and Sales, Haggan Aviation, and West Star Aviation.

And Peter says next time will be even better; what a great endorsement from every-



one in support of AMTSociety Scholarship program.

Lifetime Achievement Award

The AMTSociety board of directors has created the AMTSociety Thomas E. "Tom" Hendershot Lifetime Achievement Award. This award will honor an individual from the aviation industry who has through his or her efforts been responsible for the improvement of the aviation industry; someone who has lead by setting a high standard of commitment and involvement to the aviation industry. Forms can be found on the AMTSociety web site; they must be postmarked by Dec. 15, 2011 and sent to Industry Award, 13183 Regulus Dr., Lone Tree, CO 80124-2931. The award will be presented on Friday, March 9, 2012 in conjunction with the Maintenance Skills Competition Awards Program at the Las Vegas Convention Center.

Toolbox raffle

Please don't forget to purchase your tickets for AMTSociety Scholarship Program. Donation is \$5 per ticket or three for \$10. The drawing will be held Friday, March 9, 2012 during the MSC Awards Program and the winner need

not be present to be eligible. The winner will receive a Snap-on KRA 4107D toolbox in your choice of color and with your choice of hand tools worth \$2,500, and it will be shipped to your destination. Total value is \$5,000. Remember it



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Pictures from the OX5 Aviation Pioneers Hall of Fame. Tom Hendershot was inducted in September. The event lasted over a span of three days with tours, presentations, and awards.

OX5 Aviation Pioneers

Thomas Hendershot was inducted into the OX5 Aviation Pioneers Hall of Fame in Hammondsport, NY, at the Glenn H. Curtiss Museum on Sept. 23-25, 2011.



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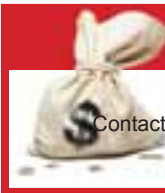
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