

PROFESSIONAL AIR

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www.professionalair.com

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Fall is here and snow is on its way...for those of you not migrating south this winter, take advantage of these *top tips* to keep your aircraft in *tip top* shape during the cold months ahead...

PRESERVE YOUR AIRCRAFT (and \$) THIS WINTER

PROFESSIONAL AIR'S POWER PLANT PICKLE PROCESS

Unfortunately, winter typically means less flying. While this can be frustrating for pilots, the implications of increased 'ground' time can be much more serious for your aircraft. Proper aircraft storage is essential but is often not well understood. Be sure to review these simple aircraft storage guidelines. Preserve your aircraft now and avoid costly problems later – such as airframe and power plant corrosion.

Professional Air offers our Power Plant Pickle Process to protect your plane from winter's elements and inactivity. From power plant to airframe, we can prepare your plane to minimize the harmful effects of the long Central Oregon winter. Call to schedule your Pickle appointment today!



AIRCRAFT STORAGE GUIDELINES

Active Aircraft must be flown a minimum *one hour per week*. Taxi and/or ground run up do not count towards that flight hour, which requires engine oil temperatures be maintained at 165 to 200 degrees.

Temporary Storage applies to aircraft NOT to be flown *for up to 90 days* and requires minimum preservation procedures, such as preservative oil and coating of interior cylinder surfaces.

Indefinite Storage applies to aircraft NOT to be flown *for more than 90 days* and requires additional preservation procedures, such as installation of dehydrator plugs, desiccant packs, and periodic visual inspections.

Battery Preservation requires battery removal and storage in a cool dry place, with battery tender connected to maintain consistent state of charge. When aircraft returns to active status, Professional Air can perform a conditional check to ensure reliable battery service.

Airframe Preservation requires tires to be free of grease, oil, tar, and gasoline, to be rotated 90 degrees each month, and ideally to have aircraft weight/load minimized. New coat of wax or Permagard should be applied. Lubricate all exposed exterior metal fittings, hinges, and push rods. Prominently tag installed tape and plugs.



Professional Air's Conquest returns to Bend with a facelift and completed SID Inspection

ORDER CUSTOM AIRCRAFT COVERS
 Protect your plane this winter with a custom aviation cover. Choose from a wide range of sizes, styles, and fabrics, all made right here in the Northwest! Professional Air is an authorized dealer – call us for more information on ordering, options, and pricing.

PROFESSIONAL AIR LAUNCHES AVIATION SEMINAR SERIES

Professional Air is launching a series of seminars focused on topics of key interest to local pilots and aviation enthusiasts. The first seminar in the series “Mastering the Garmin GPS” will be held on Wednesday night, October 21st and November 18th, from 4 – 7 pm at Professional Air. Cost per person is \$60 (\$50 for COCC students). Advance registration is required. Call Professional Air at 388-0019 to reserve your spot.

MASTERING THE GARMIN GPS

Has your GPS ever surprised you? Are you getting full benefit from your avionics system? This course is intended to take your understanding of the Garmin GPS beyond the ‘push-here-dummy’ level and provide you with ‘under-the-covers’ insights into the Garmin GPS. This three-hour media-rich interactive seminar focuses on practical usage of the Garmin GNS430(W) and G1000 systems during IFR and WAAS operations. It is recommended for pilots already familiar with basic Garmin GPS operations.

Course instructor, Peter King, is a MAaster CFI, Cirrus Standardized Instructor and former Columbia Factory Instructor. Peter has a broad range of experience in all types

of technically advanced aircraft and GPS systems, formerly serving as a consultant to NASA Ames Research Center’s Human Interface Division.

ULTIMATE CARE WITH PERMAGARD PREVENTION IS BETTER THAN CURE

PERMAGARD offers unique and lasting protection for your aircraft, as well as your boat, your car, or other transportation vehicles. It’s unique ‘reactive polymer’ and UV filtering technology protects paint against fading and oxidation, while maintaining its original brilliance.

Professional Air is the only authorized PERMAGARD Application Center in the northwest, and we don’t just do airplanes! Call to schedule your PERMAGARD application today!

BENEFITS OF PERMAGARD:

- brilliant long lasting shine
- no more polishing or waxing
- faster, easier washing and bug removal
- lower maintenance costs
- improved aerodynamics
- more efficient fuel burn

ICE SHIELD DE-ICING SYSTEMS

Professional Air is a Certified Ice Shield Installation Center ready to prepare your plane to fly in all weather conditions.

2002 PIPER SEMINOLE TWIN TRAINER

Professional Air is now the only flight school in Central Oregon to offer a complete professional pilot training program, from private to multi-engine to commercial ratings. *Come fly our new twin trainer today.*



PARTNERSHIP WITH VICTOR ENGINES

Professional Air is now an Authorized Installation Center for Victor Engines. Find out how we can “peak” your engine’s performance.

