

PROP WASH

Maintenance Workshop

Do it right and do it legally.



BJ Hallinan has generously agreed to host a maintenance workshop at our meeting on Saturday February 2nd. The workshop will focus on what the FAR calls “preventive maintenance”.

BJ has invited each of you to bring a preventive maintenance question to the workshop. These questions will guide the workshop agenda.

See you there.

President's Message

It seems that there are pilots moving to the area all the time, and sooner or later they visit the airport and meet some of the local pilots. As the new hangars are built and occupied, this trend will likely accelerate.

When any of us welcomes a pilot who is new to the area, let's extend an invitation to attend a meeting of the JCPA. At a minimum we should encourage newcomers to sign up for the electronic edition of *PROP WASH*, which is distributed to members and non-members alike.

If you know anyone who should receive *PROP WASH*, please send his/her email address to jcpa8@yahoo.com

Thanks for your support.

Patrick Shannon

PREVENTIVE MAINTENANCE DEFINED

Federal Air Regulations specify that an owner-pilot may perform “preventive maintenance” of his/her aircraft.

Preventive maintenance is limited to a list of items in Section (c) of Appendix A To Part 43, which can be found on pages 23 and 24 of the 2008 FAR/ AIM. The text of Appendix A from the FAA web site is included here as a reference for you:

(c) Preventive maintenance.

Preventive maintenance is limited to the following work, provided it does not involve complex assembly operations:

- (1) Removal, installation, and repair of landing gear tires.
- (2) Replacing elastic shock absorber cords on landing gear.
- (3) Servicing landing gear shock struts by adding oil, air, or both.

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- (4) Servicing landing gear wheel bearings, such as cleaning and greasing.
- (5) Replacing defective safety wiring or cotter keys.
- (6) Lubrication not requiring disassembly other than removal of nonstructural items such as cover plates, cowlings, and fairings.
- (7) Making simple fabric patches not requiring rib stitching or the removal of structural parts or control surfaces. In the case of balloons, the making of small fabric repairs to envelopes (as defined in, and in accordance with, the balloon manufacturers' instructions) not requiring load tape repair or replacement.
- (8) Replenishing hydraulic fluid in the hydraulic reservoir.
- (9) Refinishing decorative coating of fuselage, balloon baskets, wings tail group surfaces (excluding balanced control surfaces), fairings, cowlings, landing gear, cabin, or cockpit interior when removal or disassembly of any primary structure or operating system is not required.
- (10) Applying preservative or protective material to components where no disassembly of any primary structure or operating system is involved and where such coating is not prohibited or is not contrary to good practices.
- (11) Repairing upholstery and decorative furnishings of the cabin, cockpit, or balloon basket interior when the repairing does not require disassembly of any primary structure or operating system or interfere with an operating system or affect the primary structure of the aircraft.
- (12) Making small simple repairs to fairings, nonstructural cover plates, cowlings, and small patches and reinforcements not changing the contour so as to interfere with proper air flow.
- (13) Replacing side windows where that work does not interfere with the structure or any operating system such as controls, electrical equipment, etc.
- (14) Replacing safety belts.
- (15) Replacing seats or seat parts with replacement parts approved for the aircraft, not involving disassembly of any primary structure or operating system.
- (16) Trouble shooting and repairing broken circuits in landing light wiring circuits.
- (17) Replacing bulbs, reflectors, and lenses of position and landing lights.
- (18) Replacing wheels and skis where no weight and balance computation is involved.
- (19) Replacing any cowling not requiring removal of the propeller or disconnection of flight controls.
- (20) Replacing or cleaning spark plugs and setting of spark plug gap clearance.
- (21) Replacing any hose connection except hydraulic connections.
- (22) Replacing prefabricated fuel lines.
- (23) Cleaning or replacing fuel and oil strainers or filter elements.
- (24) Replacing and servicing batteries.
- (25) Cleaning of balloon burner pilot and main nozzles in accordance with the balloon manufacturer's instructions.
- (26) Replacement or adjustment of nonstructural standard fasteners incidental to operations.
- (27) The interchange of balloon baskets and burners on envelopes when the basket or burner is designated as interchangeable in the balloon type certificate data and the baskets and burners are specifically designed for quick removal and installation.
- (28) The installations of anti-misfueling devices to reduce the diameter of fuel tank filler openings provided the specific device has been made a part of the aircraft type certificate data by the aircraft manufacturer, the aircraft manufacturer has provided FAA-approved instructions for installation of the specific device, and installation does not involve the disassembly of the existing tank filler opening.
- (29) Removing, checking, and replacing magnetic chip detectors.
- (30) The inspection and maintenance tasks prescribed and specifically identified as preventive maintenance in a primary category aircraft type certificate or supplemental type certificate holder's approved special inspection and preventive maintenance program when accomplished on a primary category aircraft provided:
- (i) They are performed by the holder of at least a private pilot certificate issued under part 61 who is the registered owner (including co-owners) of the affected aircraft and who holds a certificate of competency for the affected aircraft (1) issued by a school approved under §147.21(e) of this chapter; (2) issued by the holder of the production certificate for that primary category aircraft that has a special training program approved under §21.24 of this subchapter; or (3) issued by another entity that has a course approved by the Administrator; and
- (ii) The inspections and maintenance tasks are performed in accordance with instructions contained by the special inspection and preventive maintenance program approved as part of the aircraft's type design or supplemental type design.
- (31) Removing and replacing self-contained, front instrument panel-mounted navigation and communication devices that employ tray-mounted connectors that connect the unit when the unit is installed into the instrument panel, (excluding automatic flight control systems, transponders, and microwave frequency distance measuring equipment (DME)). The approved unit must be designed to be readily and repeatedly removed and replaced, and pertinent instructions must be provided. Prior to the unit's intended use, and operational check must be performed in accordance with the applicable sections of part 91 of this chapter.
- (32) Updating self-contained, front instrument panel-mounted Air Traffic Control (ATC) navigational software data bases (excluding those of automatic flight control systems, transponders, and microwave frequency distance measuring equipment (DME)) provided no disassembly of the unit is required and pertinent instructions are provided. Prior to the unit's intended use, an operational check must be performed in accordance with applicable sections of part 91 of this chapter.

MINUTES OF THE MEETING
JANUARY 5, 2008

The meeting was called to order by Pat Shannon. About 15 members were present.

Treasurer's Report

Balance	\$ 1,504.67
Expenses	\$ 6.99
Ending Balance	\$1,497.68
<u>Christmas Party</u>	
Expense	\$ 900
Income	\$ 900
Balance	\$ 0

Dues for 2008

9 people have paid dues (\$ 15) but not deposited

CD

Balance:	\$2,819.21
YTD Interest:	\$114.54
APY:	4.10 %
Matures	3/07/08

Previous minutes were approved.

Members discussed possible reasons for the low attendance at the Christmas Party. It was concluded we need an earlier date for next year. Dancing was not high on the priority list.

Ken McMillen reported his committee will meet with the Port Director regarding airport improvements as compiled by JCPA Members.

The Treasurer was given approval to pay for the Member of the Year award plaques.

At next month's meeting, B J Hallinan will present an airplane maintenance seminar. The members present discussed possible topics he could cover, such as how to remove "stuck or stripped screws".

We concluded the meeting with an educational sharing of "Flying in California". Quite a few members explained routes they feel are fun, successful, and less stressful. This

discussion could be further developed with a good map or chart of the areas.

A few members shared their positive experiences using "AirNav", (airnav.com) a website that has current prices for airplane fuel. By using this site, you could save quite a bit of money per gallon of fuel by stopping at airport x rather than y.

NASA Forms were discussed. These are forms that when filled out, will add rule violations to the FAA's data base. The name of the pilot who committed the infraction is not part of the records. If, after an infraction, a FAA representative comes calling, it is a big plus if the pilot has a record of a NASA Form. It was suggested by many members present that it would be in our best interest to fill out a NASA incident report if you feel you have violated a FAA rule.

Meeting adjourned.

Respectfully Submitted,

Doug McMinds - Secretary

DUES ARE DUE

The annual membership dues for 2008 are \$15. Please bring a check payable to JCPA to the next meeting, or mail it to:

JCPA
191 Airport Road
Port Townsend, WA 98368

ABOUT THE JCPA

The JCPA meets at 1000 on the first Saturday of each month in the pilots lounge at Port Townsend Aircraft Services, 191 Airport Road, Port Townsend, WA 98368. For more, visit JeffcoPilots.com

2008 Calendar

February

2nd: Maintenance workshop

March

1st: Report from airport liaison committee

April

5th: Larry Crockett - Annual airport update

May

3rd: TBA

JCPA Officers

PATRICK SHANNON



President.
Flies a Piper Archer.
360 774 0764

DOUG MCMINDS



Secretary.
Flies a Mooney.
360 385 2478

JODI HALLINAN



Treasurer.
Co-owner of PT Aircraft Service
360 385 7770

JCPA Directors

Cindy Cook • Jodi Hallinan
Ken McMillen • Doug McMinds • Patrick Shannon