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THE STATE OF MINNESOTA PROVIDES THIS TECHNICAL BULLETIN IN THE INTEREST OF AVIATION SAFETY
AND TO PROMOTE AERONAUTICAL PROGRESS IN THE STATE AND THE NATION

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It's So Sweet!

by Christopher Roy

I remember hearing someone once say that flying resembles a box of candy. Until you really get into it, you never know how sweet it can be. With summer here, what better time is there to learn about flying, aircraft maintenance, airport operations and the vast array of aviation industry career fields? What better time is there to improve your flying proficiency or even upgrade your rating? If you haven't tried flying a seaplane, go find the nearest seaplane base and go for a flight. You won't regret experiencing the best of both water and air worlds!

I also strongly encourage aviators who are properly rated and fully current to take a young person up for a flight. Show them the beauty and excitement of flying. But I'll go further and open that up by saying, why not make it a priority to take someone from your city leadership for a flight around your town.

Help them see the advantages and value of the airport and flying. Educate them about all the great things aviation brings to a community. Help them understand that aviation benefits everyone, even those who have never flown! Show them the importance of supporting and maintaining a



Christopher Roy

quality airport in the community. It is a small investment in the future of your airport and aviation in your community that could pay great benefits in the future. One example that would benefit the airport, the community, and excite youth about flying is the "EAA Young Eagles" program sponsored by the Experimental Aircraft Association (<http://www.young eagles.org/>).

When you go flying this summer, instead of just flying from point A to point A, or point A to your usual point B, why not get a little adventurous and visit a different Minnesota airport. You have 136 airports to choose between! Remember the "*Fly Minnesota Airports*" program is *still* happening and you *should* be a part of it. Check it out at: <http://www.dot.state.mn.us/aero/aved/Passportprogram/Passport.html>. Make this a summer of flying fun. Share aviation! Doing so enhances its value to the entire community.

By the way, if your airport is not yet a part of the "Adopt-An-Airport" program, let your airport manager know you want to be involved in the airport's beautification and enhancement. You can do this with your community via the Adopt-An-Airport program. More than 30 airports in Minnesota are reaping the benefits of a strong program and an involved community.

Now go fly! Think and practice safety first and always. Be vigilant, and enjoy the beauty of our Minnesota summer. *It's so sweet!* □

You Can Catch ADDS & More!

Did you know you can get ADDS? Its easy. Type the following URL into your computer browser: <http://aviationweather.gov/adds/> Hit enter and voila!

Taken straight from the landing page information, "The Aviation Digital Data Service (ADDS) makes available to the aviation community text. The digital and graphical forecasts, analyses, and observations of aviation-related weather variables. ADDS is a joint effort of NCAR Research Applications Program (RAP), Global Systems Division (GSD) of NOAA's Earth System Research Laboratory (ESRL), and the National Centers for Environmental Prediction (NCEP) Aviation Weather Center (AWC).

And while you are online, check out the following great sites for tips, guidance and great information:

How to Obtain a Good Weather Briefing – P-8740-30

http://www.faasafety.gov/gslac/ALC/libview_normal.aspx?id=6850

Personal Minimums Development Guide

http://www.faasafety.gov/gslac/ALC/libview_normal.aspx?id=9091

Thunderstorm Avoidance Tips

http://www.faasafety.gov/gslac/ALC/libview_normal.aspx?id=9065

Weather Radar Echo Terms

http://www.faasafety.gov/gslac/ALC/libview_normal.aspx?id=6581

Density Altitude – P-8740-2

http://www.faasafety.gov/gslac/ALC/libview_normal.aspx?id=6847

Weather-Related Articles on FAASafety.gov

http://www.faasafety.gov/gslac/ALC/lib_categoryview.aspx?categoryid=5

FAASafetyTeam

<http://www.faasafety.gov>

<http://www.hf.faa.gov/weatherdecisionguide/preflight.aspx> □

Investment In Protection

With the explosion of technologies designed to make our lives easier, keep us connected, and keep us informed, we are now faced with new issues like how and where to carry these things, especially when going through airport security. At any given moment at a major airport it is easy to view people with cell phones, laptops, net-books, electronic book readers, calculators, pagers and more. Now that mix of wizardry includes a device called the iPad ...not quite a laptop computer, but bigger than many other devices one might carry.

When traveling by air, passengers must maintain a personal vigilance and be aware of what they are carrying and wanting to carry on board any commercial aircraft. Security rules and guidelines are always subject to change as protection needs dictate. But in general by planning ahead and completing a little online research, it will be easy to avoid having your items confiscated

or perhaps placed in unpadding containers and shipped as luggage. In fact by typing in the link shown here (in your computer browser): <http://www.familyfirst.com/tsagov.html>, many questions will be quickly answered.

So what does one do with a device like an iPad when going through security? According to the Transportation Security Administration (TSA), "Laptop computers or electronics similar in size must be removed from carry-on baggage and placed separately in bins. Small and portable electronic items do not need to be removed from their carrying cases. If a TSA Officer cannot resolve an item in carry-on baggage on the X-ray screen, it may require additional screening."

An iPad would likely fall into the "similar size" category. Thus it makes sense to treat that device like a laptop. That means for the safety and protection of the device, a quality book-style padded jacket that holds the actual device can provide adequate daily general handling protection.

But if you plan to travel with that device, then the jacket and a TSA compliant, laptop-style travel bag/case is a necessity. The bag (or case) is of the style that can essentially split apart or easily open to allow the TSA screeners to clearly see the electronic devices separate from the other items in that carry-on case. In addition, the book-style padded jacket provides an additional level of protection for the device and its large screen while inside the travel bag.

It is easy to find a number of companies that produce and/or sell luggage and other items that meet TSA required guidelines for security. Type "TSA compliant luggage" into your browser and several dozen sites will provide many travel bag options to meet your specific needs.

Purchasing a good quality, TSA compliant carry on case for your electronic devices and other items is a worthwhile investment for the protection of your items and to aid in the protection and security for you and others who travel by commercial aircraft. □

Wipaire's Single Point Fueling System Now G1000 Compatible



SOUTH ST. PAUL, MINN. – Wipaire, Inc. has announced the certification of its new and improved "Single Point Fueling System" for the Cessna Caravan. The Wipaire Single Point Fueling System G-2 is compatible with the Cessna 208 or 208B Caravan equipped with either G1000 or resistive fuel quantity systems, and features precise electronic fuel level monitoring.

The system can be installed on the aircraft in either landplane or seaplane configuration. An upgrade option is also available for aircraft previously



equipped with an older Aviadesign system.

The Wipaire Single Point Fueling System G-2 enables the aircraft to be filled from the ground, eliminating the risk of leading edge damage from over the wing fueling. Ladders are no longer required, enabling the Cessna Caravan to be fueled more safely and expeditiously.

Wipaire's new electronic monitoring ensures that the aircraft is reliably topped-off and an all new digital display with touch screen controls ensures an easy interface for

NEW PRODUCTS FROM MINNESOTA

the user. Also new to the G-2 edition is the flexibility to display fuel quantities in gallons, liters, kilograms or pounds.

With over 100 STCs, Wipaire, Inc. is not just for aircraft floats. For additional information on the Single Point Fueling System G-2 or other STCs, contact Wipaire, Inc. at 651.451.1205 or visit www.wipaire.com.

For 50 years, Wipaire has been engineering and manufacturing a full line of aircraft floats for all sizes of aircraft from the Piper Cub to the de Havilland Twin Otter as well as over 100 Supplemental Type Certificates for a variety of useful aircraft modifications. In addition, Wipaire is a service leader in other areas, including aircraft maintenance, avionics installation and repair, custom interior design and installation, and exterior refinishing. □