

**CSC**

# DUATS FLYER

AOPA Edition

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Visit CSC DUATS at

# 2013

## AIRVENTURE®

O S H K O S H



CSC DUATS will be at AirVenture 2013 from July 29th through Aug 4th. Visit us at booth 3026-3027 located in Hanger C.

While at AirVenture, please attend one of our informative forums - "Re-Discover DUATS". The times and locations are:

Tue 7/30 10:00 AM - 11:15 AM Forum Pavilion 11

Sat 8/3 1:00 PM - 2:15 PM Forum Pavilion 04

The forum presentations will show you all the new features and capabilities available in DUATS, including both the iPad App and Web DUATS. We'll show you how to use these new features by utilizing the latest technologies available.

## Attention iPad users!!!

CSC DUATS is previewing its iPad app at AirVenture. Be sure to come by our booth and check out the features that will be included in the app.

## NEW for Mobile!!

Our mobile users who access us at:

<http://www.duats.com/mobile>

will now have the benefit of **tabbed weather output**. This adds the current Web feature of weather tabs that allow you to quickly jump to the section of the weather briefing you are interested in to all of our users who have devices with smaller screens. This is provided for all route briefings. As always with our mobile interface, no need to download anything as new functions are available as soon as we release them

## Sport Pilots Have Access to DUATS

Sport pilots operating under the privileges of the sport pilot/light sport rule have full access to the CSC DUATS program. DUATS is a free, FAA-sponsored weather information and flight-planning service for pilots, dispatchers and others authorized by the FAA. DUATS provides weather and flight planning services for the United States, including Alaska, Hawaii, and parts of the Caribbean.

The FAA uses a pilot's FAA medical certificate along with their pilots license to identify authorized (DUATS) users, however for sports pilots, a drivers license is accepted in lieu of a in a medical certificate. Sport pilots may e-mail a scanned copy of their sport pilot certificate and drivers license to [duats@duats.com](mailto:duats@duats.com) to obtain their DUATS access code. A copy of the certificate and medical drivers license can also be faxed to DUATS at 866-565-3828.

The security precautions are not meant to discourage legitimate users in any way. Legitimate users are encouraged to use DUATS as much as needed and without reservation.

Pilots who have not received their DUATS access code within 5days of requesting it should contact the DUATS Customer Service Department at 800-345-3828.)

## DUATS...Still the Fastest way into the Air and Still Free!!

[www.duats.com](http://www.duats.com)

Data Line: 800-767-9989

Tech Support: 800-345-3828 press number 4

FAX: 703-818-4723

Internet Telnet: [direct.duats.com](http://direct.duats.com)

Secure Web: <https://www.duats.com>

Mobile: <http://www.duats.com/mobile>

# CSC DUATS Constant Pressure Charts show Icing Potential



The Constant Pressure Charts are located under the Weather dropdown menu (see above) and are provided for:

- 850 Millibar (~ 5,000')
- 700 Millibar (~10,000')
- 500 Millibar (~FL 180)
- 300 Millibar (~FL 300)
- 200 Millibar (~FL 390)

### Constant Pressure Chart Features

The constant pressure charts show at each constant pressure level:

- Temperature bands
- Wind speeds
- Wind Direction
- Dew Point Depression
- Constant pressure altitude contours

The constant pressure chart shows the **temperature**

color coded for the area at that level and has **wind barbs** to show location of the wind measurement, direction and speed. Next to the wind barbs is a number, which is the **Dew Point Depression (DPD)** value or Dew Point Spread and an indicator ( ●, ○, or an X) which will help visualize the high icing potential areas. The DPD number is derived by subtracting the dew point temperature from the actual temperature. The value of the Dew Point Depression indicates the **icing potential**. The lower the value, the higher the icing potential. Refer to the table located in the lower left corner of the chart (see below). This value must be used in conjunction with the temperature at that altitude to determine if there is an icing potential. Note: If temperature is below -40, the icing potential is low regardless of DPD value.

The charts also have altitude lines to show the altitude for the **constant pressure**. These charts are generated twice a day at approximately 0140Z and 1340Z.

700 mb Temp. (C)/Station/DPD/Height – Thu 20 Jun 12Z

