



U.S. Department
of Transportation

**Federal Aviation
Administration**

InFO

Information for Operators

InFO 14011
DATE 8/21/14

Flight Standards Service
Washington, DC

http://www.faa.gov/other_visit/aviation_industry/airline_operators/airline_safety/info

An InFO contains valuable information for operators that should help them meet certain administrative, regulatory, or operational requirements with relatively low urgency or impact on safety.

Subject: Electronic Submission of Pilot Weather Reports (PIREP)

Purpose: This InFO serves to inform operators and pilots of the recently developed electronic PIREP submission tool located on the National Weather Service (NWS) Aviation Weather Center (AWC) Aviation Digital Data Service (ADDS) website.

Background: The PIREP submission tool will enable users to enter their turbulence and icing PIREPS electronically, which will be displayed graphically and distributed nationwide. In an effort to introduce users to this tool and maximize the benefits, the Federal Aviation Administration (FAA) is requesting Title 14, Code of Federal Regulations (14 CFR) Part 121 Domestic/Flag Dispatchers, Part 121 Supplemental personnel authorized to exercise operational control, Part 91K Program Managers with an Operations Center, Part 135 § 135.619 HEMS Operation Control Centers with 10 or more Helicopter Air Ambulances and General Aviation users to submit their PIREPS at the following link: https://www.aviationweather.gov/exp/pirep_submit/

Discussion: PIREPS are reports of meteorological phenomena encountered in flight. When reported, these observations assist other pilots, dispatchers and flight planners with flight plan preparation, situational awareness and operational control decision-making. Additionally, these PIREPS are integrated into the NWS forecast production process to help improve the accuracy of forecasts. This includes human generated products such as the AIRMET and SIGMET as well as automated products such as the Graphical Turbulence Guidance (GTG), the Current Icing Product (CIP), and the Forecast Icing Product (FIP). Often, there is a lack of PIREPS submitted that report better than forecast weather (e.g., the forecast calls for an area of turbulence but the pilot encounters smooth air). A PIREP reporting good weather (often called a null report) is just as important to the forecast process as a PIREP reporting poor weather conditions. It is expected that national airspace users including all Part 121, Part 91K, HEMS and the General Aviation community will benefit from improved accuracy of forecast products.

Recommended Action: Operators interested in participating in this effort should direct email inquiries to ncep.awcweb@noaa.gov. The following information is necessary for enrollment.

- The location name
- The name and email address of the primary POC
- Telephone number

After the request is received, the information will be verified by a call back and the account login will be issued at that time. Users will then be able to submit their PIREPS via the following link.

https://www.aviationweather.gov/exp/pirep_submit/

Contact: Questions or comments regarding this InFO should be directed to the Future Flight Technology Branch (AFS-430) at (202) 267-8790.