

# PIREPS

## Submission, Solicitation, and Dissemination

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Federal Aviation  
Administration



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# Pilot Weather Report

**A Pilot Weather Report, or PIREP, is a report of meteorological phenomena encountered by aircraft in flight**



# ATC Familiarity

**Air Traffic Controllers have a requirement to become familiar with pertinent weather information when coming on duty, and stay aware of weather information needed to perform their duties.**



# Submission

**Pilots are urged to promptly volunteer reports of weather conditions and other atmospheric data**



# Solicitation

**Controllers must solicit PIREPs when requested, or when one of the following conditions exists or is forecast for their area of jurisdiction:**



# Conditions

- **Ceilings at or below 5,000 feet**
- **Visibility less than five miles**
- **Thunderstorms and related phenomena**
- **Turbulence: moderate or greater**
- **Icing: light or greater**
- **Wind shear**
- **Volcanic ash clouds**
- **Detection of sulfur gases**
- **Braking Action Advisories in effect**



# PIREP FORM

## Pilot Weather Report

→ = Space Symbol

3-Letter SA Identifier	
1. <b>UA</b> →	<u>          </u> <b>UUA</b> →
	<u>          </u> Routine Report <u>          </u> Urgent Report
2. <b>/OV</b> →	Location:
3. <b>/TM</b> →	Time:
4. <b>/FL</b>	Altitude/Flight Level:
5. <b>/TP</b> →	Aircraft Type:
<i>Items 1 through 5 are mandatory for all PIREPs</i>	
6. <b>/SK</b> →	Sky Cover:
7. <b>/WX</b> →	Flight Visibility and Weather:
8. <b>/TA</b> →	Temperature (Celsius):
9. <b>/WV</b> →	Wind:
10. <b>/TB</b> →	Turbulence:
11. <b>/IC</b> →	Icing:
12. <b>/RM</b> →	Remarks:

FAA FORM 7110-2 (1-85) Supersedes Previous Edition

Electronic Version (Adobe)



Federal Aviation Administration

# Dissemination

- **AISR**
- **Urgent PIREPs**
- **General Information (GI) message**



# Shortfalls

- **Workload**
- **Not enough automation**
- **Delay/Lag**

