



## Submitting Pilot Weather Reports (PIREPs)

### 1. UA - Routine PIREP / UUA - Urgent PIREP

### 2. /OV - Location: Use Airport or NAVAID identifiers only.

- Location can be reported as a single fix, radial DME, or a route segment (Fix- Fix)  
**Examples: /OV LAX, /OV LAX-SLI120005, /OV PDZ-PSP.**

### 3. /TM - Time: When conditions occurred or were encountered.

- Use 4 digits in UTC.

**Examples: /TM 1645, /TM 0915**

### 4. /FL - Altitude/Flight Level

- Use 3 digits for hundreds of feet. If not known, use UNKN.

**Examples: /FL095, /FL310, /FLUNKN**

### 5. /TP - Type aircraft: Required if reporting Turbulence or Icing

- No more than 4 characters, use UNKN if the type is not known.

**Examples: /TP P28A, /TP RV8, /TP B738, /TP UNKN**

### 6. /SK - Sky Condition/Cloud layers:

- Report cloud coverage using contractions: FEW, SCT, BKN, OVC, SKC
- Report bases in hundreds of feet: BKN005, SCT015, OVC200
- If bases are unknown, use UNKN
- Report cloud tops in hundreds of feet: TOP120

**Examples: /SK BKN035, /SK SCT UNKN-TOP125, /SK OVC095-TOP125/ SKC**

### 7. /WX - Weather: Flight visibility is always reported first. Append FV reported with SM.

- Report visibility using 2 digits: FV01SM, FV10SM
- Unrestricted visibility use FV99SM.
- Use standard weather contractions e.g.: RA, SH, TS, HZ, FG, -, +

**Examples: /WX FV01SM +SHRA, /WX FV10 SM -RA BR.**

### 8. /TA - Air temperature (Celsius): Required when reporting icing

- 2 digits, unless below zero, then prefix digits with M.

**Examples: /TA 15, /TA 04 /TA M06**

### 9. /WV - Wind: Direction in 3 digits, speed in 3 or 4 digits, followed by KT.

**Examples: /WV 270045KT, /WV 080110KT**

### 10. /TB - Turbulence:

- Report intensity using LGT, MOD, SEV, or EXTRM
- Report duration using INTMT, OCNL or CONS when reported by pilot.
- Report type using CAT or CHOP when reported by pilot.
- Include altitude only if different from /FL.
- Use ABV or BLO when limits are not defined.
- Use NEG if turbulence is not encountered.

**Examples: /TB OCNL MOD, /TB LGT CHOP, /LGT 060, /TB MOD BLO 090, / TB NEG**

### 11. /IC - Icing:

- Report intensity using TRACE, LGT, MOD or SEV
- Report type using RIME, CLR, or MX
- Include altitude only if different than /FL.
- Use NEG if icing not encountered.

**Examples: /IC LGT-MOD RIME, /IC SEV CLR 028-045, /IC NEG**

### 12. /RM - Remarks: Use to report phenomena that does not fit in any other field.

- Report the most hazardous element first.
- Name of geographic location from /OV field fix.

**Examples: /RM LLWS +/-15KT SFC-003 DURC RWY22 JFK**

**/RM MTN WAVE, /RM DURC, /RM DURD, /RM MULLAN PASS**

**/RM BA RWY 02L BA MEDIUM TO POOR 3IN DRY SN OVER COMPACTED SN**

### Examples of Completed PIREPS

UA /OV RFD /TM 1315 /FL160 /TP PA44 /SK OVC025-TOP095/OVC150 /TA M12 /TB INTMT LGT CHOP

UA /OV DHT360015-AMA /TM 2116 /FL050 /TP PA32 /SK BKN090 /WX FV05SM -RA /TA 04 /TB LGT /IC NEG

UUA /OV PDZ010018 /TM 1520 /FL125 /TP C172 /WV 270048KT TB SEV 055-085 /RM CAJON PASS