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**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, route segment (Fix- Fix), or latitude/longitude (in degrees and minutes)

**Examples: /OV LAX, /OV RDU150020, /OV BOS-OWD360005, /OV KMCI-KMKC, /OV 3901N 08446W**

**3. /TM – Time:** Whenconditionsoccurred or were encountered, using 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
* If not known use UNKN

**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 or tops 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

* Report visibility using 2 digits, append FV reported with SM: 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 2 or 3 digits, followed by KT

**Examples: /WV 28008KT, /WV 270045KT, /WV 080110KT**

**10. /TB - Turbulence:**

* Report duration using INTMT, OCNL or CONS when reported by pilot
* Report intensity using LGT, MOD, SEV, or EXTRM
* 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
* Pilot reports of icing should also include air temperature (/TA)

**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 or local description from /OV field

**Examples: /RM LLWS +/-15KT SFC-003 DURC RWY22, /RM FA RWY10**

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

 **/RM BA RWY 02L 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

|  |
| --- |
| **PIREP FORM** |
| **3 or 4 letter Identifier**\_\_\_ \_\_\_ \_\_\_ \_\_\_1. **UA**\_\_\_\_**UUA**\_\_\_\_\_  **Routine Urgent** |
| 2. **/OV** | Location |
|
| 3. **/TM** | Time |
|
| 4. **/FL** | Altitude/Flight Level |
|
| 5. **/TP** | Aircraft Type |
| Items 1 through 5 are mandatory for all PIREPs |
| 6. **/SK** | Sky Condition |
| 7. **/WX** | Flight Visibility & Weather |
| 8. **/TA** | Temperature (Celsius) |
| 9. **/WV** | Wind |
| 10. **/TB** | Turbulence |
| 11. **/IC** | Icing |
| 12. **/RM**  | Remarks |