

Paperwork Reduction Act Statement: A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a currently valid OMB Control Number. The OMB Control Number for this information collection is 2120-0801. Public reporting for this collection of information is estimated to be approximately three minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing and reviewing the collection of information. All responses to this collection of information are voluntary. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, Federal Aviation Administration, 800 Independence Ave SW, Suite 300 W, Washington DC 20591.

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: When conditions occurred 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