

The PIREP Code Chart

A Pilot Report is coded for transmission in accordance with the following table.

	PIREP ELEMENT	PIREP CODE	CONTENTS
1	3-letter station identifier	XXX	Nearest weather reporting location to the reported phenomenon
2	Report type	UA or UUA (may vary by country)	Routine or Urgent PIREP
3	Location	/OV	In relation to a VOR
4	Time	/TM	Coordinated Universal Time
5	Altitude	/FL	Essential for turbulence and icing reports
6	Aircraft Type	/TP	Essential for turbulence and icing reports
7	Sky cover	/SK	Cloud height and coverage (sky clear, few, scattered, broken, or overcast)
8	Weather	/WX	Flight visibility, precipitation, restrictions to visibility, etc
9	Temperature	/TA	Degrees Celsius
10	Wind	/WV	Direction in degrees magnetic north and speed in knots
11	Turbulence	/TB	As per AIP definitions
12	Icing	/IC	As per AIP definitions
13	Remarks	/RM	For reporting elements not included or to clarify previously reported items

Example Pilot Reports

The following are examples of PIREPS with decode provided:

KCMH UA /OV APE 230010/TM 1516/FL085/TP BE20/SK BKN065/WX FV03SM HZ FU/TA 20/TB LGT

- KCMH - Closest weather reporting airport (Columbus Ohio)
- UA - Routine PIREP
- /OV APE 230010 - location one zero miles southwest of Appleton VOR
- /TM 1516 - time 1516 UTC
- /FL085 - altitude eight thousand five hundred
- /TP BE20 - aircraft type [Beech 200 Super King Air](#)
- /SK BKN065 - base of the broken cloud layer is six thousand five hundred
- /WX FV03SM HZ FU - flight visibility 3 miles with haze and smoke
- /TA 20 - air temperature 20 degrees Celsius
- /TB LGT - light turbulence

UACN10 CYXU 271338 YZ UA /OV CYYZ 180055 /TM 1338 /FLDURD /TP A319 /TB MDT 200-240 /IC MDT MXD 040-050

- UACN10 - Routine PIREP (Canadian coding)
- CYXU 271338 - Issuing airport (London Ontario) issued the 27th at 1338 UTC
- UA - Routine PIREP
- /OV CYYZ 180055 - location fifty five miles south of Toronto Airport
- /TM 1338 - time 1338 UTC
- /FLDURD - altitude - during descent
- /TP A319 - aircraft type [Airbus A-319](#)
- /TB MDT 200-240 - turbulent moderate between FL200 and FL240
- /IC MDT MXD 040-050 - moderate mixed icing between 4000' and 5000'

