

**SECTION 1.8 METEOROLOGY (MT)****Unit 1.8.1 RMTC: RPL meteorology – all aircraft categories****1. Reserved****2. Basic meteorology****2.1 Knowledge of local weather**

2.1.1 Demonstrate a basic knowledge of local weather, in particular the likely occurrence of the following phenomena and how they may affect the safety of a flight:

- (a) thunderstorms;
- (b) low cloud;
- (c) poor visibility;
- (d) turbulence.

**2.2 Knowledge of forecasts and reports**

2.2.1 Demonstrate an understanding of weather forecasts, reports and broadcasts that are pertinent to the area of operation.

**2.3 Understand significance of observations**

2.3.1 Recognise signs, including forecast condition and pilot observations, which may indicate the presence of:

- (a) turbulence, thermals, dust devils; and
- (b) wind gradient, wind shear and describe the effect of these phenomena on flight characteristics.