

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.