# TERM 2: ENDTERM ASSESSMENT 2026

**GRADE 10 – AVIATION 007 JULY**
**MARKING SCHEME**

***SECTION A (30 MARKS)***

**1. (a) Aviation Pioneers Matching** (4 Marks)

i. **Montgolfier Brothers** — C. Launched the first successful hot air balloon.

ii. **Wright Brothers** — D. Achieved the first powered, controlled fixed-wing flight.

iii. **George Cayley** — B. Known as the "Father of Aviation" for glider principles.

iv. **Igor Sikorsky** — A. Developed the first practical helicopter (Rotary wing).

**1. (b) Lighter-than-air Examples** (2 Marks)

Hot air balloons.

Airships/Blimps.

**2. Airport Safety Signs and Areas** (4 Marks)

i) **Categories:** Mandatory signs, Prohibition signs, and Information signs.

ii) **Airside Area:** Runway, Taxiway, or Apron/Ramp.

**3. Aviation Weather (True/False)** (4 Marks)

a) **TRUE**: Cirrus clouds are high-altitude ice crystal clouds.

b) **FALSE**: Humidity affects air density, which impacts engine performance.

c) **TRUE**: The troposphere is the lowest layer where weather occurs.

d) **FALSE**: A wind vane measures direction; an anemometer measures speed.