

- 3** An aircraft flies with an airspeed of 700 km/h through a 250 km/h jet-stream wind from the west. The pilot wishes to fly directly north from Australia towards Changi airport in Singapore. To achieve this, the pilot points the aircraft away from the north direction.

What is the speed of the aircraft in the direction of north relative to the ground?

- A** 450 km/h **B** 650 km/h **C** 740 km/h **D** 950 km/h