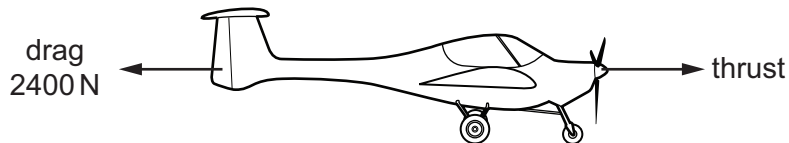


- 18** An aircraft travels at a constant velocity of  $90 \text{ m s}^{-1}$  in horizontal flight. The diagram shows the horizontal forces acting on the aircraft.



The mass of the aircraft is  $2000 \text{ kg}$ .

What is the power produced by the thrust force?

- A**  $1.8 \times 10^5 \text{ W}$     **B**  $2.2 \times 10^5 \text{ W}$     **C**  $1.8 \times 10^6 \text{ W}$     **D**  $2.0 \times 10^6 \text{ W}$