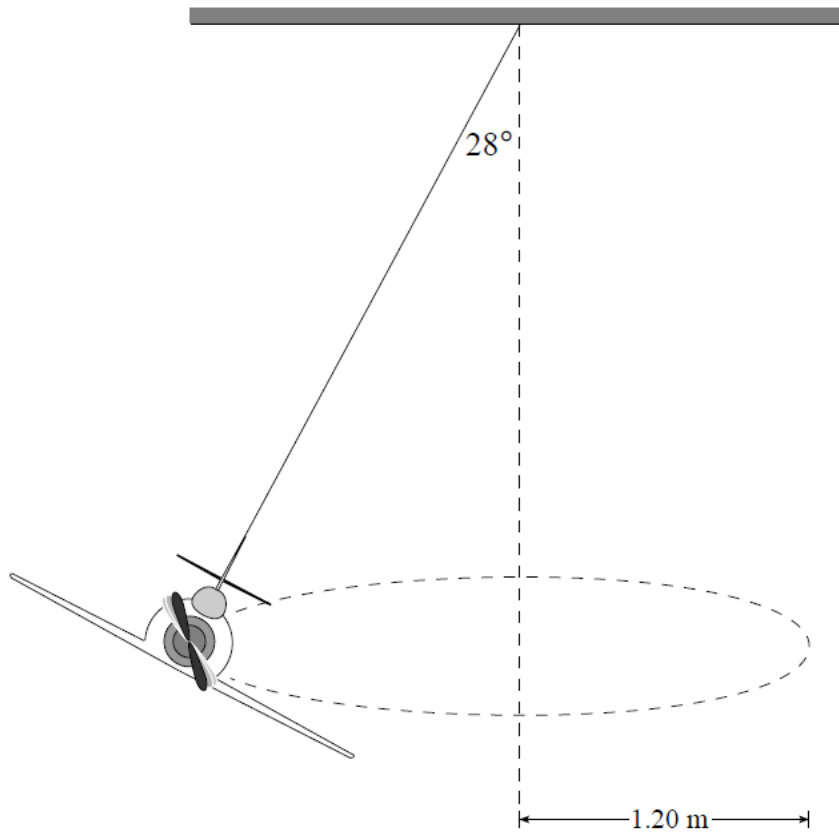


Physics 12 Review #18

The diagram shows a toy plane flying in a circle of radius 1.20 m, supported by a string which makes an angle of  $28^\circ$  with the vertical. The tension in the string is 1.80 N.



a) What is the mass of the plane?

**(3 marks)**