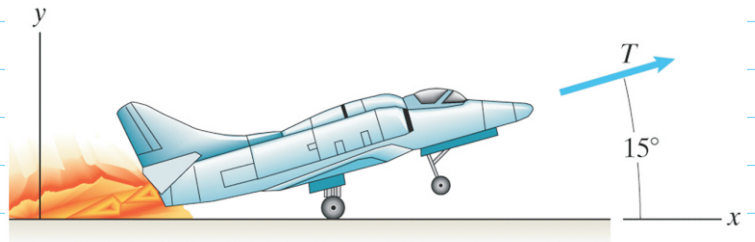


WEEK: _____

PROBLEM: _____

GIVEN:

At the instant shown, the horizontal component of acceleration of the 26,000-lb airplane due to the sum of the external forces acting on it is 14 ft/s^2 . If the pilot suddenly increases the magnitude of the thrust T by 4000 lb, what is the horizontal component of the plane's acceleration immediately afterward?

**REQUIRED:****SOLUTION:**