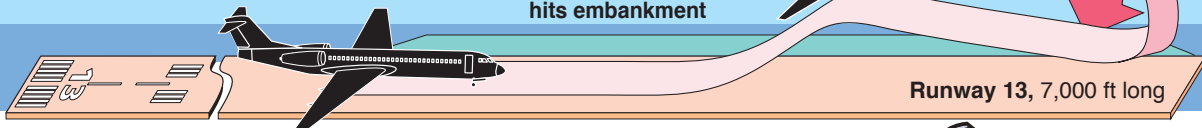


① Plane reaches maximum speed after which it cannot stop on runway, pilot is committed to take-off

② Plane lifts partially into air, falls back to runway and hits embankment

③ Left wing breaks off, fuel explodes and plane flips into bay



USAir Flight 405 was en route from Jacksonville, Florida to Cleveland, Ohio at the time of the crash

During flight

At high altitude the temperature of the fuel in the wing tanks drops to well below zero

After landing

Extra cold fuel causes ice to build up on wings despite aircraft de-icing precautions

During take-off

Ice can be sucked into engines or prevent flight surfaces from operating properly

Fokker F-28

Dutch built, short to medium haul transport powered by two Rolls Royce engines

