

SOLUTION Homework Set 4

Exercise 1:

- (a) There is less pollution in the air, but there are fewer particles of dust. (Less is for items that can't be counted. Fewer is for items you can count.)
- (b) Guests may easily assume that the plane they're boarding is fully owned by their host.
- (c) Whose money is on the table?
- (d) There are many ways to determine the type of aircraft being used on your next flight.
- (e)
- (f)
- (g) For an airplane with a propeller that spins clockwise as viewed from the rear, the moments cause a left yaw.

Exercise 2:

- (a) Henry never slept, so he was occasionally tired.
- (b) Wind tunnel research on conventional single-engine aircraft indicate that about 6/7 of the total yawing moment is produced by the spiraling slipstream and the rest is from asymmetrical thrust
- (c) We have established the Ascend Aircraft Investment Index (AAII) as a dedicated solution to benchmark the rewards and risks of aircraft leasing against those of other industries. We will also discuss the low correlation between returns from aircraft leasing and the general economy or the performance of other indexes, and its causes.
- (d) Then President-elect Barack Obama said that everyone was proud of Sullenberger's "heroic and graceful job in landing the damaged aircraft".
- (e) Computerized reservation systems/global distribution systems (CRSs/GDSs) display airline schedules and prices for use by agents in making reservations.

(f) The pilot checked whether it rained.

(g) A worm can bring the Internet to its knees.