



Created by:  Channel Islands
AVIATION

Preventing Tire Damage Quiz

(Must be completed by each Student and Renter Client)

Pilot's Name: _____

True/False (circle correct answer)

1. Taxi speed should be controlled with brakes first and then reduction of power, only if required. T / F
2. An airplane, such as the Cessna 172, DA20, DA40 or SR20, is more prone to skid the tires when only the front row seats are occupied. T / F
3. Deceleration has little or no effect of the "weight on main tires" if the airplane is loaded within it's center of gravity limitations. T / F
4. Just as with your automobile, the anti-skid system on light airplanes will prevent tire damage due excessive braking. T / F
5. Landing with the flaps deployed, allows a slower approach speed, which will always increase the weight on the tires during landing. T / F
6. Heavy braking for deceleration while exiting the runway is acceptable, since the load on both tires is greater while turning. T / F
7. Pilots are prone to skid tires if the approach speed is too fast and the brakes are used to decelerate. T / F
8. A pilot should use "aerodynamic braking", holding the airplane in a nose high attitude to help decelerate, minimizing the need to apply brakes during rollout. T / F
9. Upon landing, pilots must always exit at the first available runway exit, especially if the tower instructions include "if able". T / F
10. Good pilots are always able to make the first "turn off" during landing rollout. T / F
11. Decelerating during the landing rollout, the pilot should assure that the throttle has been brought to full idle. T / F
12. During take-off and landing, pilots should keep their toes (balls of feet) on the lowest portion of the rudder pedals. T / F

(Fill in the blank)

13. Each additional five knots of approach speed will add approximately ____ percent to the landing rollout.
14. The correct RPM to taxi under normal conditions is between ____ and ____ RPM.
15. While practicing Short Field landings, rather than using the brakes, the pilot in training will say "_____" and "_____" simulated.
16. A tower controller instructs the pilot to exit the runway at "Bravo", but the pilot believes he is still rolling too fast. He should simply announce "_____" and continue to the next exit.

Pilot Name: _____ Signature: _____ Date: _____

Reviewed by: _____ CFI Number: _____ Date: _____