

Louisiana Tech University - School of Aviation

Standard Operating Procedures & Policies Test for Advanced Students and New Staff Instructors

This test may be completed open-book. It is required of all students at initial enrollment in the Commercial flight course. It is also required of flight instructors as a prerequisite of the initial and recurrent proficiency checks.

1. [T / F] Continuous or intermittent inflight video or audio recording of the pilots' interactions and/or view from within the cockpit (smart phone, GoPro, etc.) is prohibited, unless written permission from the Chief Instructor is obtained in advance.
2. [T / F] Pilots are expressly prohibited from affixing items, to include cameras, to the exterior airframe of any Tech aircraft.
3. [T / F] iPod/music media use by the pilot in command is prohibited.
4. [T / F] Louisiana Tech University pilots are prohibited, at non-towered airports, from the practice of entering an occupied runway prior to takeoff and waiting for it to become clear.
5. [T / F] Except in the event of aircraft emergency, Louisiana Tech University pilots are prohibited, at non-towered airports, from landing on a runway that is occupied.
6. [T / F] Completion of PRAV 411 (and thus, awarding of the Professional Aviation degree) requires training and checking in a complex airplane, demonstrating instructor-level competence.
7. What are the penalties that may be imposed on a Tech pilot for flying with persons aboard (in a Tech airplane) other than those authorized?
8. [T / F] Food and drink are not authorized in the G1000 aircraft; bottled water only.
9. [T / F] Louisiana Tech University pilots are prohibited from placing water bottles (or any other wet item) in the pilot's left side wall pocket of the G1000 Skyhawks.
10. Are students allowed in the records room? [Y / N]
11. Are students allowed behind the dispatch counter? [Y / N]

12. Under what circumstances may a cellular phone be used in a Tech Aircraft?

13. [T / F] CFIs will not authorize practical test flights (to out-of-town destinations) unless a) all the student's outstanding activities in Talon are completed, and b) the student has not less than \$1,000 in their flight account.

14. Head-down usage of a phone or device is [**allowed** / **not allowed**] while transiting between the Tech Flight Ops and the aircraft parking ramp, the FBO, or the hangars.

15. [T / F] Students flying solo sorties in Stages 1 and 2 of the Commercial course are to be the sole occupant of the aircraft—no “stick buddies” are authorized.

16. [T / F] Instructors schedule practical tests for their students (excluding CFI applicants.)

17. For CFI training of Tech pilots, _____ is the sole approved provider outside of Louisiana Tech.

18. Cross-country students require either a valid credit card or \$ _____ cash.

19. [T / F] On solo and split time cross country flights, as well as solo local Commercial maneuvers flights, students will land, complete postflight actions, and exit Flight Operation not later than the dispatcher's closing time of 2100L Monday-Thursday (2200L in the summer) and 1700L on Fridays and Saturdays,

20. [T / F] Louisiana Tech does not pay for nor reimburse ramp fees.

21. [T / F] Dispatch must be manned during Commercial student solo night flights.

22. [T / F] Students are required to read and electronically sign off Flight Information Files in Talon/ETA.

23. What is the maximum bank angle in Tech aircraft? _____

24. Aircraft pitch attitude will never exceed _____ .

25. If a student must purchase fuel (at their own expense) at an airport other than Ruston, what must they provide to the dispatcher upon their return?

26. [T / F] When purchasing AvGas within the State of Louisiana, Tech pilots will present our tax exemption to the fuel vendor. The pilot is pecuniarily liable for any Louisiana sales/fuel taxes charged.

27. The max crosswind component for a Private Pilot during local flights is _____.

28. How can the pilot rapidly estimate the crosswind component without reference to a chart or book?
29. [T / F] Except in case of emergency, grass field landings require Chief Instructor approval.
30. The only item that is ever allowed atop the instrument panel is the aircraft's ____.
31. [T / F] When operating the Piper Arrow, the PIC will transmit "Gear Down" on the radio during final approach.
32. During inspection of the Piper Arrow during preflight the PIC should observe ____ (**how many**) side brace nuts and bolts on each main landing gear as being present and secure.
33. [T / F] To preclude pilots becoming accustomed to the gear horn, pilots will not delay gear extension when accomplishing power-off accuracy approaches.
34. [T / F] Tech pilots conducting manual towing of the PA-28R Arrow are prohibited from both pulling and pushing on the propeller.
35. May a student be scheduled for a stage check without completing the stage check study guide/worksheet? [Y / N]
36. [T / F] Louisiana Tech University pilots will achieve a normal taxi speed prior to attempting to exit the runway after landing.
37. [T / F] No Tech aircraft will be operated in formation flight without approval and pre-brief by the Chief Instructor.
38. [T / F] Tech pilots operating Skyhawks are to consider parking spots 4, 5, and 6 as their least preferred.
39. [T / F] During preflight inspection, pilots will visually check for obstructions near the aircraft, which could impede taxi. This check is particularly vital at night, or when the pilot has left the aircraft and returned to it.
40. [T / F] Pilots who observe anomalous operation of any electrical switches in an aircraft will ground that aircraft.

I, (print name) _____, have read and clearly understand the Louisiana Tech University Department of Professional Aviation Flight Operations Safety Procedures and Practices, Policies, and Standard Operating Procedures manual and will adhere to all policies and procedures enclosed therein. I also understand that it is the pilot in command's responsibility to ensure aircraft airworthiness prior to flight.

Signature: _____ Date: _____

I, (instructor name) _____, have reviewed this test with the above signed, and corrected it to 100%.

Signature: _____ Date: _____