

PPL B07 Advanced Turning & Airwork Repetition

This session is all about sharpening your skills and getting more practice with fundamental flying and advanced airwork maneuvers.

To make the most of this session, you'll need to prepare the following in advance:

- 1.) Put together a full briefing (NOTAMs, Weather).
- 2.) Complete the mass and balance, performance calculations, and your nav log.
- 3.) You should be ready to give your instructor a comprehensive weather briefing for LOAN and the surrounding training areas for the timeframe of your session. Based on the briefing, you should also be able to select the appropriate training area yourself.
- 4.) AIP knowledge: Familiarize yourself with VFR arrival and departure procedures for LOAN, including all relevant waypoints.
- 5.) AIP knowledge: Be sure to check LOXN's operating hours in the AD2 section and the Felixdorf areas in ENR 5.1; cross-reference these with current NOTAMs and MIL/NUP.
- 6.) Airspace knowledge: You should have a thorough understanding of all airspaces above and around LOAN.
- 7.) Aircraft knowledge: You should possess a solid technical grasp of the aircraft.

Session Flow:

After we complete the pre-takeoff procedures, we'll depart the airfield area and head towards your chosen training area.

Once we've left the airfield area and are en route to the training area, we'll review basic flying exercises such as step climbs and climbing turns. During this session, these basic flying exercises should be executed with the utmost precision. Don't forget to look outside as much as possible, and remember that the aircraft should always be correctly trimmed to lighten your workload for additional tasks such as radio communication and checklist management.

Upon arrival in the training area, we'll repeat all exercises covered in Phase A, including slow flight, stall exercises, steep turns, unusual attitudes, and emergency procedures.

After completing the airwork, we'll fly back to LOAN and enter the traffic pattern via the designated waypoints.

Naturally, all after-landing checks will follow.

What will be evaluated:

- 1.) Independently and correctly performing pre-takeoff checks, such as checklist work, engine start, instrument settings and checks, briefings, taxi checks, etc.
- 2.) During takeoff, ensure you stay on the centerline and remember to use proper visual scanning techniques.
- 3.) When departing the airfield area, correct navigation and adherence to specified altitudes are crucial.
- 4.) After leaving the airfield area, emphasis will be placed on properly checking in with Vienna Information and then performing the climb check, making sure the aircraft is correctly trimmed throughout the process.
- 5.) For airwork exercises, it's vital to complete the FAILT check beforehand and to properly initiate, perform, and recover from the exercises themselves. Ensure you remain within the specified tolerances.
- 6.) When performing a simulated emergency, the sequence in which you handle it is critical. Don't forget to review the emergency checklist's table of contents once more.
- 7.) For the return flight, it's important to be familiar with the area. You shouldn't have any trouble finding Hohe Wand, Knoten Sebenstein, and Rosaliengebirge.
- 8.) On the return flight, a correct descent plan to avoid approaching airspaces is also important, as is the timing of when you begin your approach briefing, checklist, and frequency change to ensure everything is completed at least three minutes before reaching the first waypoint.
- 9.) After reentering the traffic pattern, proceed according to procedures to the active runway and land.