

Sierra Aviation, LLC

Check-out Guidelines

Pilots intending to check out in Sierra Aviation aircraft should be able to accomplish the following to at least **Private Pilot Test Standards (FAA-ACS)** without intervention by the instructor:

1. Perform a **Weight and Balance** calculation.
2. Determine **Take-off, Cruise,** and **Landing** performance.
3. Use **Checklists** for pre-flight, start-up, take-off, cruise, descent, landing, and shutdown.
4. Determine which type and dimensions (lateral distance and altitude) of the **Airspace** surrounds KSAF (surface and above).
5. Obtain the appropriate **Frequencies**.
6. Communicate with and follow **Instructions from ATC**.
7. **Navigate** using pilotage, aeronautical charts, and electronic equipment.
8. Perform **Basic Maneuvers** such as stalls, slow flight, and steep turns.
9. Use **Emergency** and **Malfunction Checklists**.
10. Perform a simulated off-field **Emergency Approach** (outcome in no doubt).
11. Fly a **Stabilized Landing Approach**.
12. Demonstrate proficient **Crosswind Landings** (wind permitting).

We consider these guidelines minimal to insure safe operations, regardless of experience level. Pilots who feel that these standards are too demanding may wish to obtain additional training before the check-out.

Pilots must have in their possession a:

1. Current and valid **Medical Certificate** (as appropriate for level of certification).
2. Valid FAA issued **Pilot's License** (certification).
3. Logbook with evidence of **Current Flight Review**.