

Takeoff/Cruise/Approach – Cirrus SR20

Note: This is a personalized checklist. Always refer to the POH for manufacturers recommended checklists.

Takeoff

1. Flaps 50% for all takeoffs
2. Fuel Pump (Boost)
3. Rotate 70 KIAS
4. Climb 80 KIAS (75 for short field/obstacle clearance)
5. Flaps (Retract at safe altitude)
6. Boost Pump (Off)
7. Power – Full throttle to altitude
8. Cruise Climb (100 – 110 KIAS)
9. Monitor Engine Instruments

Cruise

1. Level off at altitude
2. Trim as needed
3. Power set per performance charts (or as desired)
4. Mixture (Lean to 75° Rich of Peak)
5. Check fuel flow
6. Monitor Engine Instruments & Fuel Balance

Descent

1. Set Power (20 – 22” as desired)
2. Mixture (Enrich during descent)

Approaching Airport

1. Power (22” = 120 KIAS, 20” = 100 KIAS)
2. Fuel (Fullest Tank)
3. Seatbelts/Harnesses (On)
4. Brakes (Check firm)

Downwind

1. Power/Speed (20” = 100 KIAS)
2. Mixture (Rich)
3. Auto Pilot (Off)

Abeam End of Runway

1. Power (15” MP)
2. Flaps (50%)
3. Fuel Pump (Boost)
4. Speed (90 KIAS)
5. Stabilize and Trim

Base to Final

1. Flaps (100 % or as required)
2. Speed (80 KIAS 75 for short field)
3. Maintain power until over threshold
4. **Maintain airspeed till just above runway**
5. **Landing is fairly flat with minimum flare**

Go Around

1. Power (Full Forward)
2. Flaps (50 %)
3. Speed (80 KIAS)
4. Flaps (Up when clear of obstacles)

After Landing

1. Clear Runway and STOP
2. Flaps (Up)
3. Fuel Pump (Off)
4. Transponder (STBY)

Engine Shut-Down

1. Lights (All Off)
2. Avionics Switch (Off)
3. Mixture (Lean to cutoff)
4. Mags. (Off)
5. Master Switches (Off)
6. Keys (On Dash)