



AAFC C172-S Quick Reference Sheet

Engine Information

- Lycoming IO-360-L2A
- Horizontally Opposed, Air Cooled, Naturally Aspirated, Direct Drive, **180HP**
- Oil Capacity – **8 quarts**
- Maximum Gross Takeoff Weight – **2550 lbs**
- Maximum Baggage Compartment Loading – **120 lbs**

Operational Specifications

- **53** Gallons Usable Fuel (56 Total)
 - Tabs – **35** gallons
- Fuel Injected System
- No tank switch required – Set fuel selector to **both**
- **100LL** and **100** are acceptable fuel sources
- Two pumps
 - Engine driven
 - Auxiliary (electric) – *Electric must be used during priming*

****The “before landing checklist” should include setting the mixture as required.**

****Before taxi and after landing you should lean the mixture to max RPM.**

Maneuver Configurations

- **Steep Turns:** Power as required – 95 KIAS
- **Ground Reference Maneuvers:** Power as required – 90 KIAS
- **Slow Flight/Stalls:** Power as required – <90 KIAS
- **Downwind:** 2200 RPM – 90-95 KIAS
- **Abeam Touchdown:** 1500-1700 RPM – 10 Degrees of Flaps – 85 KIAS
- **Base:** Power as required – 20 Degrees of Flaps – 75 KIAS

- **Final:** Power as required – 30 Degrees of Flaps – 61-65 KIAS

**For Instrument Procedures, refer to AAFC C172-S IFR SOP Packet

V-Speeds & KIAS

V-Speed	KIAS
V _{SO}	40
V _S	48
V _R	55
V _X	62
V _Y	74
V _A	90-105
V _{FE}	110
V _{FE}	85
V _G	68
V _{NO}	129
V _{NE}	163

Crosswind Limit – 15 KTS