



JB Aviation Flight Club Aircraft Checkout Sheet

Pilot Information

Name _____ Date _____
 Address _____
 Home/Work/Mobile Phone Number _____
 Certificates & Ratings _____
 Medical Certificate Class or Basic Med _____ Expiration Date _____
 Date of Last Flight Review _____ Expiration Date _____
 Total Flight Hours last 90 days _____ ASEL Hours last 90 days _____

Aircraft Operating Speeds

*define each v-speed and list the speed in the appropriate box

V _R	V _{SO}
V _Y	V _S
V _X	V _A (max gross weight)
V _{FE}	V _{NE}
V _{LO} (as applicable)	V _{NO}
V _{LE} (as applicable)	V _G (max gross weight)

What is the maximum demonstrated crosswind component for this airplane? _____

Describe the airspeeds you might use within the traffic pattern _____

Aircraft Information

Type, Make, & Model of Engine _____ Power Output (hp) _____

Type of Propeller: Fixed Pitch or Variable Pitch _____

Oil Type & Viscosity _____ Minimum # Quarts _____ Maximum # Quarts _____

Fuel System: Carburetor or Fuel Injection _____

Total Gallons of Fuel _____ Useable Fuel _____ Type & Color _____

Number, Location, & Capacity of Fuel Tanks _____

Number, Location, & Draining of Fuel Sumps _____

Why is it necessary to drain the fuel sumps before flight / after refueling? What are you looking for? _____

Electrical System Voltage _____ Alternator Output Amps _____

Location of Circuit Breakers for Landing Gear, Flaps, Landing Lights, and Alternator _____

Describe when and why you might use Carburetor Heat **if applicable* _____

Landing Gear: Fixed, Manual, Hydraulic, or Electric _____

If Retractable, Describe emergency gear extension _____

Weight & Balance

Maximum Gross Weight _____ Basic Empty Weight _____
 Useful Load _____ Useful Load with Full Fuel _____
 Maximum Weight in Baggage Compartment(s) _____

Perform the following weight and balance scenario with your weight as pilot followed by the remaining 3 seats occupied by 190lb passengers.

N#:	Weight	x Arm	= Moment
Basic Empty Weight			
+ Front Seat 1			
+ Front Seat 2			
+ Seats 3 + 4			
+ Seats 5 + 6			
+ Baggage 1			
+ Baggage 2			
+ Fuel			
Gross Takeoff Weight			
- Fuel Burned Enroute			
Gross Landing Weight			

What is the gross takeoff weight? _____
 Where is the center of gravity? _____
 Is the flight within the weight and balance envelope? _____

Cruise Performance/POH

With full fuel, allowing for a 30-minute fuel reserve, what is the maximum fuel endurance at 5,000', standard conditions, lean mixture, zero wind, 2,500 RPM and gross weight? _____
 What is the TAS at 5,000' and 73% power? _____
 What is the fuel flow per hour at 5,000' at 73% with standard conditions? _____

General Operating Questions

What personal documents and endorsements are you required to have with you while acting as pilot in command? _____

What aircraft certificates and documents must be on board when you are flying? _____

If an altimeter setting is not available at an airport, what setting should you use before departing on a local flight? _____

What altitude(s) should you use when operating under VFR in level cruising flight at more than 3,000 feet AGL? _____

What is the recovery procedure for a spin? _____

How often is a flight review required? _____

How often do you need to renew your medical? _____

What is the traffic pattern altitude at Galt in MSL and AGL? _____

What runways do we have at Galt? What are their lengths? _____

What is Galt's field elevation? _____

Do both runways at Galt use a standard traffic pattern? _____

How do you turn on the runway lights for 09-27? _____

Aircraft Checkout Certification

The above named pilot has satisfactorily completed the aircraft checkout on: _____

Tail number: _____

CFI Name: _____

Certificate #: _____

CFI Signature: _____

Expiration Date: _____