

Century Air Aircraft Review

Name: _____ Instructor: _____ Date: _____

Aircraft Make and Model: _____

Category Of Aircraft: _____ G Loads: (+) _____ (-) _____

Engine:

Make _____ Horse Power @ Rpm _____

Oil:

Min. Capacity _____ Max. Capacity _____

Summer Grade _____ Winter Grade _____

Fuel:

Grade and Color(s) _____

Total Capacity Gal. _____

Total Usable Gal. _____

Total Usable Each Tank _____

Number of Fuel Drains _____

Electrical:

Battery Rating _____ Volts

Alternator Rating _____ Volts _____ Amps

Location of Battery _____

Weights: (in Pounds)

Max. Ramp Wt. _____

Useful Load _____

Max. Takeoff Wt. _____

Max. Baggage Wt. _____

Max. Landing Wt. _____

Airspeeds: (IAS in Knots)

V_{SO} _____

V_{LE} _____

V_{S1} _____

V_R Normal Takeoff _____

V_X _____

Best Glide Speed _____

V_Y _____

Normal Climb out _____

V_A _____

Normal Landing with Flaps _____

V_{FE} _____

Normal Landing Without Flaps _____

V_{NO} _____

Short Field Approach Speed _____

V_{NE} _____

Max. Allowable Crosswind Component: _____

V_{LO} _____

Aircraft Performance:

Normal Takeoff Distance, Gross Weight, 15° Celsius, Sea Level, 0 Wind:

Ground Roll _____ Ft 50 Ft Obstacle _____ Ft

Normal Takeoff Distance, Gross Wt., 30° Celsius, 5,000 Feet. P.A., 15 Knot Head-wind:

Ground Roll _____ Ft 50 Ft Obstacle _____ Ft

Cruise Performance: 65% Power, Standard Temperature, 5,000 Ft:

RPM _____ MP _____ Kts _____ Gph _____

Normal Landing Distance, Gross Weight, 20° Celsius, 2,000 Feet PA, 0 Wind:

Ground Roll _____ Ft 50 Ft Obstacle _____ Ft