SUNRISE AVIATION, INC. Aircraft Checkout Form

Pilot_____

Aircraft make/model _____ Model year _____

Type/grade oil _____ Max level _____ Min level_____

Type/grade fuel _____ Usable fuel quantity _____

Location and use of fuel drains_____

_____

Takeoff power _____ Rotation speed _____

Vx _____ Initial climb speed (first 500 feet) _____ Vy _____ Climbout speed _____

Enroute climb power _____ Enroute climb speed _____

Enroute climb leaning procedure _____

Short field takeoff procedure _____

_____

Soft field takeoff procedure _____

_____

Max performance takeoff, 0' density alt: Roll distance _____ 50' obstacle distance _____

Max performance takeoff, 10,000' density alt: Roll distance _____ 50' obstacle distance

_____

Max cruise power _____ Critical (max possible) altitude at this power _____

Cruise lean procedure _____

_____

At 8000' density alt @ 65% power: MP _____ RPM _____ Fuel burn _____ TAS _____

At 8000' density alt @ 75% power: MP _____ RPM _____ Fuel burn _____ TAS

_____

Approach speed: Flaps down _____ Flaps up _____ Max demonstrated x-wind component _____

Soft field approach procedure _____

_____

Short field approach procedure _____

_____

Short field landing, 0' density altitude: Roll distance _____ 50' obstacle distance _____

Short field landing, 10,000' density altitude: Roll distance _____50' obstacle distance

_____

Go around procedure _____

_____

Purpose of flaps _____ Type _____

Vs _____ Vso _____ Vs in a 60 degree bank _____ Vne _____

Vno _____ Vlo _____ Vle _____ Vfe _____ Va _____

Vg _____Effect on Va & Vg as gross weight is lowered_____

Glide distance per 1000' of altitude _____ Alternate static source location _____

Emergency freq/xpdr code _____ Lost communications xpdr code _____

Type engine _____Type propeller _____

How do you detect carburetor or induction ice _____

How do you cure carb or induction ice

_____

Electrical system type, voltage & operation

_____

_____

_____

Indications of electrical system failure

_____

_____

_____

Electrical system fixes_____

_____

_____

Fuel system type & operation _____

_____

_____

Fuel tank vent locations _____

Fuel pump type & operation _____

Indications of fuel system failure

_____

Fuel system fixes_____

_____

_____

Gear system type & operation _____

_____

_____

Gear warning devices _____

_____

_____

Gear system fixes _____

_____

_____

Emergency gear extension procedure _____

_____

_____

Heat/vent system type & operation _____

_____

_____

Avionics & autopilot type _____

_____

_____

Turbocharger system type & operation _____

_____

_____

Procedure for use of ground service recept. plug_____

_____

Aircraft category & max allowable load factors_____

When are seat belts required? Pilot? _____Passengers? _____

Required documents on board _____

VFR weather minimums in a surface area? Visibility _____ Ceiling _____ Cloud clearance _____

Periodic inspections required _____

WEIGHT AND BALANCE --- USE ACTUAL (NOT SAMPLE) FIGURES

Tail number _____ Maximum gross weight _____ Maximum landing weight _____

Empty weight _____ Empty moment _____ Useful load _____ Payload

_____

Work out a weight & balance for you, a 170# person in each remaining seat, and enough baggage to reach full gross. Include parachute weight if applicable. Baggage _____ Fuel _____Total Moment _____