



AIRCRAFT CHECK-OUT PA34 SENECA N15068

Engine make and model _____
Rated horsepower _____ BHP at _____ RPM
Propeller type _____
Max Gross taxi/takeoff weight _____ / _____
Basic empty weight for N15068 is _____
Useful load for N15068 is _____

Speeds (IAS)

Vso: _____ Vmc: _____ Vs: _____ Vr: _____ Vx: _____
Vxse: _____ Vy: _____ Vyse: _____ Vsse: _____ Vlo Up: _____
Vlo Down: _____ Vle: _____ Vfe: _____ Vno: _____ Vne: _____
Va 4200lbs: _____ Va 2700lbs: _____

Enroute climb speed _____ IAS
Final approach speed flaps down _____ IAS
Final approach speed flaps up _____ IAS
Demonstrated crosswind component _____ KTS

Fuel/Oil System

Number of fuel tanks _____
Number of fuel drains/location _____ / _____
Total usable fuel _____ Gallons
Fuel grade/color _____ / _____
Oil capacity _____ quarts
Min oil for flight _____ quarts
Oil type _____

Electrical System

_____ volt battery, _____ volt alternator
Max continuous load in flight _____ amps
Where is the battery? _____
Where is the external power receptacle? _____

Power Settings/Engine Care

Climb power setting _____ MP _____ RPM
power setting for 75% cruise @ 8000ft PA _____ MP _____ RPM
During a descent from cruise altitude, the engine should be "stage cooled" by reducing power _____ inch(s) MP per _____ minute(s)
What power setting (approximate) should be used for traffic pattern entry? _____ MP _____ RPM

Cowl flaps should be OPEN/CLOSED:

- _____ During Taxi
- _____ During Climb
- _____ During cruise
- _____ During Descent
- _____ After landing and clear of runway

Aircraft Performance

Use the following data to answer the questions.

Airport: MYF, RWY 28R

Temp: 26C

Altimeter: 30.00

Wind: Calm

Loading: Two 185 lb. People in the front seats, full fuel, 50 lbs. Baggage.

What is the gross weight of the aircraft, and where is the CG located? _____ lbs.
_____ inches aft of datum.

What is the accelerate stop distance with standard brakes using normal procedures? _____ ft.

What is the distance to clear a 50ft. Obstacle using normal procedures? _____ ft.

You lose an engine on takeoff, if you do everything *perfectly*, what will be your rate of climb? _____ fpm.

In the previous question, how far away from the airport will you be when you get to 600 ft. AGL? _____ nm.

What is the approximate best power cruise fuel flow at 65% and 75% power? 65%- _____ gph.
75%- _____ gph.

What is the landing distance over a 50ft. Obstacle with standard brakes, using short field technique? _____ ft. (Assume there was no change in gross weight)

If in the previous question you were single engine, would you expect the landing distance to be longer shorter _____

On a normal takeoff at about 50 ft, just prior to retracting the gear, you lose an engine and decide to land straight ahead. Approximately how much runway would you need to stop? _____ ft.

(This assumes you recognize the failure *immediately*, make the decision to land *immediately*, and carry out those decisions with *textbook technique*. How long is 28R at MYF?)

Pilots Name _____

Date _____

Instructor _____



Golden Wings, Inc, Aircraft Checkout Form N15068

Name _____
 Date Last Biennial _____ or Date Last Annual _____
 Date Last Medical _____ Class _____ Pilot Cert.# _____
 Hours PIC _____ Hours last 6 months _____ Pilot Ratings _____
 Aircraft Check Out (Date) _____ Type A/C _____ N _____

Phase I: Oral Operational Quiz

Check if satisfactory

- Recent changes in FAR's _____
- Airspace, controlled and uncontrolled _____
- Airplane and equipment documents _____
- Airplane performance and proper operation of all installed equipment _____
- Airplane loading, weight and balance _____
- Preflight line check _____
- STOL Equipment _____
- High Altitude operations (density altitude) _____
- Speed brakes, long range tanks, etc. _____

Phase II: Basic Piloting Technique

- Normal and crosswind takeoffs and landings _____
- Short field takeoff and landing over 50' obstacle _____
- Soft field takeoff and landing _____
- Flight at minimum controllable airspeeds _____
- Stalls from all normally anticipated flight attitudes _____
- Go-arounds _____
- 720° steep turns (45 degree bank minimum) _____
- Slips to a landing _____
- In-flight emergency procedures _____
- Simulated equipment failures _____
- Radio communication and navigation _____
- STOL Operations _____
- High Density Altitude Operations _____
- Other (specify) _____

Phase III: Instrument Flight

- Straight and level, shallow climbing and descending turns to given altitude heading _____
- Approaches (# _____, type _____), for IFR pilots _____
- Recovery from start of power-on spiral _____
- Recovery from the approach to a climbing stall _____
- High Altitude flight operations _____
- Emergency descents _____
- Other (specify) _____

Comments _____

Instructor Name _____ **Signature** _____

CFI No. _____ Expiration Date _____

Signature of pilot _____ **Date** _____