

TEXAS STATE Aviation

Aircraft Checkout Questionnaire

Pilot's Name _____ Date: _____
 Instructor's Name: _____ Date: _____
 Aircraft Type _____ N# _____

V Speeds (Indicated Airspeeds)	Check Scale – Knots _____ MPH _____
---------------------------------------	--

Vso _____ Power off Stall Speed/Landing Configuration (Bottom white arc)	Vx _____ Best Angle of Climb Speed	Va _____ Maneuvering Speed	Vle _____ Max Speed w Gr Extd	Vmc _____ Min. Control Speed w/ Critical Engine Inop
---	---	---	--	---

Vs1 _____ Minimum Flight Speed Flaps Up (Bottom green arc)	Vy _____ Best Rate of Climb Speed	Vno _____ Max Speed Normal Operations (Green Arc)	Vne _____ Never Exceed Speed (Red Line)	Vyse _____ Best Rate of Climb w/ 1 Engine Inop (blue line)
---	--	--	---	--

1.3 x Vso _____ Fence Speed (Short Final Ref Spd) (KCASx1.3=conv KIAS) (\White Arc)	Vfe _____ Max Flap Ext. Speed (\White Arc)	Vlo _____ Max Gear Operation Speed	Max Cross Wind Speed (90- degrees to runway heading) _____
---	--	--	---

Best Glide Speed/Configuration _____ / _____

Useable Fuel _____
 Fuel Grade _____
 # Fuel Drains _____
 Locations _____

How do you detect carburetor/induction ice?

 In the event of carb/induction ice, what do you do?

Range (75%) _____
 (Optimum) _____

Calculate performance figures – 65% Power, 7500',
 Stand. Temp: Manifold Pres. _____ RPM _____
 GPH _____ TAS _____

Oil Capacity/Minimum _____ / _____
 Type/Viscosity _____

75% Power, 3000', Standard Temp:
 Manifold Pres. _____ RPM _____
 GPH _____ TAS _____

Tire Pressure: Nose _____ psi
 Mains _____ psi Tail _____ psi

Describe the mixture leaning procedure for this
 aircraft:

Empty Weight _____ Gross _____
 Useful Load _____
 Empty CG/Moment _____ / _____
 Gross Weight CG Range _____
 Date of last CG _____

What is the minimum runway for take-off? Max
 no wind, sea level, standard temp. _____

What are the unsafe gear indications?

Max weight, no wind, 5,000', 100°, 50' obstacle?

What is the procedure for emergency gear
 extension? _____

Describe the go-around Procedure _____

