



Aircraft Checkout Written Test: Tecnam p2010 215HP

CHI Aerospace (Version July 2026)

Pilot Name: _____ Date: _____

Instructor: _____

I - Airspeeds (KIAS)

VS0 _____ VS1 _____ VR _____ VX _____ VY _____

VA _____ VFE _____

VNO _____ VNE _____

Short Field VR: _____ Max Allowable Short Field T/O Flap setting: _____

Cruise Climb Speed: _____

Approach Speed (Flaps Full) : _____ Short Field Approach Speed (Flaps Full): _____

Max cross wind component : _____ Max headwind component : _____

II - Fuel and Oil

Total Fuel: _____ Gallons _____ lbs

Total Usable Fuel: _____ Gallons _____ lbs

Total Unusable Fuel: _____ Gallons _____ lbs

What are the approved fuel grades for the aircraft? _____

How many fuel sumps are there on the aircraft? _____

What is the max fuel burn in GPH? _____

How would you monitor your fuel burn? _____

How do you know when to switch Tanks _____

The engine has an oil capacity of _____ quarts total, and _____ quarts are considered minimum for normal flight. Fill to _____ quarts for extended flights.



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Minimum oil pressure _____psi; Normal: _____psi; Maximum oil pressure is _____psi.

What type of oil does this aircraft use? _____

III - Aircraft Systems and emergency procedures

What type of propeller does this aircraft have? How does it work?

What is the cold start procedure for this aircraft?

What is the hot start procedure for this aircraft?

What is the flooded start procedure?

How is fuel supplied to the engine?

Does the airplane have an electric fuel/boost pump?

Is the aircraft carbureted or fuel injected?

What is the max EGT/and or CHT temp on this aircraft?



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What is the proper procedure for achieving the best economy?

What is the proper procedure for achieving the best cruise power mixture?

After performing your cruise checklist and leaning the aircraft, approximately what should your Fuel Burn be?

Pressure Altitude: 8,000ft

Temp: -1°C (Standard)

RPM: 2300

MP: 24"

Fuel Burn: _____ gph

What is the proper descent cooling procedure/mixture enrichening for this aircraft.

How long should you wait idling before shutdown? Why?

Describe the engine. Make, model, cylinders, etc...

What is the engine horsepower and at what RPM?

Alternator voltage is _____ volts, and current is _____ amps.

Battery voltage is _____ volts.

The output of the alternators is maintained at _____ volts by the _____

How many batteries does this aircraft have?

Where is the Battery(s) located?

How is the alternator checked during the engine run-up before takeoff?

What would alert you to an alternator failure?



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What do you lose when you lose your essential bus? Main bus?

If the alternator were to fail? What would happen?

What will provide you with standby instruments if your G1000 PFD fails?

How long will the SAM battery (standby attitude module) last?

Where is the static port located? Is there more than one? If so, how many and where are they?

Where is the alternate static source located?

What type of landing gear system is on the aircraft?

How many RPMS should you see on takeoff?

What flap setting for takeoff?

What is the correct spin recovery procedure for the aircraft?



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What is the proper procedure for remedying irregular rpm/engine roughness in flight?

What is the emergency procedure for engine loss during cruise flight?

What are the corrective actions taken when there is an overall electrical failure?

What are the corrective actions taken when there is an excessive rate of discharge on the ammeter?

What action should the pilot take in the event of an engine fire during engine start?

What action should the pilot take in the event of an engine fire during flight?

What is the procedure for a balked landing (go-around)?

IV - Performance & Weight and Balance Computations

CFI weight: _____ lbs

Pilot's weight: _____ lbs

Fuel: _____ gallons = _____ lbs

Baggage: _____ lbs

Weight and Balance Computation:



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Total weight: _____ lbs

Total moment: _____ in-lbs

Where is the center of gravity? _____ Does it fall within the CG envelope? _____

Using the following conditions, compute the takeoff and landing distance over a 50 ft

obstacle: Today's temperature: _____ °C

Surface wind: _____ degrees at _____ knots

Altimeter setting: _____ in Hg

Pressure altitude: _____ feet

Takeoff distance over a 50' obstacle: _____ feet

Landing Distance over a 50' obstacle: _____ feet

Per CHI policy, what are the runway minimums for this aircraft? (*Rental Agreement*)

Length: _____

Surface: _____

TEST CORRECTED TO 100%

Instructor Signature: _____

Pilot Signature: _____

Date: _____