



NEW MEXICO WING
CIVIL AIR PATROL
 UNITED STATES AIR FORCE AUXILIARY
 4500 Biggs Ave SE, Bldg. 926
 Kirtland AFB, NM 87117-5300



C-T206H Limitations and Procedures Questionnaire

Revised: 06 JAN 14

Date: _____

Name: _____ Grade: _____ CAPID: _____

Check Pilot: _____ Grade: _____ CAPID: _____

Score: _____ Type/Model Aircraft: C-T206H (G-1000)

Complete this open book questionnaire using the *Flight Manual/Pilot's Operating Handbook*. If a question or part of the question is not applicable, write in N/A. The Check Pilot will review and grade the questionnaire. Minimum passing score is 80%. The completed questionnaire will be filled in the pilot's flight record in e-Services under "My Operations Qualifications".

This New Mexico Wing Supplemental Questionnaire becomes an official part of the required CAPR 60-1 aircraft questionnaire as required prior to and during an annual or abbreviated CAPF-5 Check Ride administered for pilot qualification in the C-T206H G-1000 equipped aircraft. This supplemental questionnaire must be presented to the Check Pilot along with the required CAPR 60-1 questionnaire.

Vne (below FL180): _____ KIAS Vne (above FL180): _____ KIAS Vno: _____ KIAS

Va (MGW): _____ KIAS _____

Vfe: 10°: _____ KIAS; 20°: _____ KIAS; 40°: _____ KIAS

Stall Speeds: _____ KIAS Flaps Up; _____ KIAS Flaps Down

Best Glide at MGW: _____ KIAS _____

Manifold Pressure: Max TO: _____ in. hg.; Max Cruise: _____ in. hg.

Fuel Flow: Max TO: _____ gal/hr; Max Cruise: _____ gal/hr

Max TIT (All operations): _____ °F

Service Ceiling: FL _____ Max Ramp Weight: _____ lbs. Max TO Weight: _____ lbs.

Max Landing Weight: _____ lbs. Max Baggage Weight: _____ lbs.

Total Useable Fuel: _____ gal. Wing Span: _____ ft.

Oil: Total _____ quarts; Sump _____ quarts.

Is the standby airspeed indicator required for VFR, IFR or Both kinds of operations? _____

Is the cockpit flood light required for flight at night? _____

If GPS is inoperative, can you fly at FL250? _____

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Is the standby battery required for flight? _____

True or False? An excessive slip will cause some fuel to flow from the main to the tip tank.

If the autopilot is used in NAV mode, if the G1000 changes the CDI from GPS to NAV -or- if the CDI Softkey is pressed what happens? _____

Can you use the TIT indicator to lean the mixture at power settings below 15 in. hg. MAP or above 0 in. hg. MAP or the propeller below 2000 RPM or above 2400PM? _____

Can you operate with mixture settings lean of peak TIT? _____

How is the recommended lean mixture achieved? _____

How is best power mixture achieved? _____

Above what temperature, is vapor lock possible during ground operations? _____

What is the maximum demonstrated crosswind component? _____

What could cause the flap motor to fail? _____

What indication can be expected if an engine limitation is exceeded? _____

What prevents the manifold pressure from exceeding 39 in. hg.? _____

What is the maximum manifold pressure at FL200? _____

Excess fuel is returned from the fuel control unit to: _____

When must the Auxiliary Fuel Pump be used in flight? _____

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EMERGENCY PROCEDURES (List the memory items for each emergency)

ENGINE FAILURE DURING TAKEOFF

- 1.
- 2.

ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

- 1.

ENGINE FAILURE DURING FLIGHT (Restart Procedure)

- 1.
- 2.
- 3.
- 4.

ENGINE FIRE DURING START

- 1.

ENGINE FAILS TO START

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

ENGINE FIRE IN FLIGHT

- 1.
- 2.
- 3.
- 4.

ELECTRICAL FIRE IN FLIGHT

- 1.
- 2.
- 3.
- 4.

CABIN FIRE

- 1.
- 2.
- 3.
- 4.

WING FIRE

- 1.
- 2.
- 3.
- 4.

INADVERTENT ICING ENCOUNTER

- 1.
- 2.
- 3.
- 4.
- 5.

CO² LVL HIGH ANNUNCIATOR

- 1.
- 2.
- 3.
- 4.