

Form 61-1486 and 61-1495

A self-made exam

1. What are the privileges and limitations of the recreational pilot licence with aeroplane category rating?

*** can carry passengers if at least 3 take-offs and landings within previous 90 days [CASR61.395]

- pilot holds and carries [CASR61.420(b)] class 1 or 2 medical certificate or RAMCP under conditions in subparagraph 2 [CASR61.405]
- pilot must carry documents; licence, medical certificate, maintenance release, pilot operating handbook
- must have English proficiency assessment [CASR61.422]
- pilot only registered aircraft [CASR61.425]
- airspace within 25nm of departure aerodrome, within flight training area and direct between departure aerodrome and flight training area [CASR61.427]
- single-engine aircraft, MTOW \leq 1500kg, day VFR, private operation or flight training [CASR61.460]**

2. What are the drug and alcohol regulations?

*** 8 hours from consumption of alcohol to departure

- not intoxicated; 0.02 grams per 210 litres of breath
- crew will not consume while on board
- consult DAME regarding use of drugs**

3. What are the VFR aircraft instrument requirements?

*** CAO20.18(10) and CAO20.18(Appendix 1)

- airspeed indicator
- altimeter
- direct or remote magnetic compass
- timepiece with hours, minutes, seconds**

4. What are the emergency equipment requirements?

*** life jackets when over water and out of glide CAO20.11(5.1)

- sufficient life raft(s) when minimum of (30 minutes cruise) and (100nm) CAO20.11(5.2.1)
- if life raft required, 1 ELT and pyro distress signals CAO20.11(6.1)
- if more than one life raft required, then \geq 2 (approved ELT under reg 252A) transmitters 121.5MHz and 243MHz and stowed ready for use CAO20.11(6.1)

- single-engine, over water, not equipped with radio or incapable of air-to-ground radio, not required to carry a life raft, shall carry ELT (121.5MHz and 243MHz approved under reg 252A) *CAO20.11(6.2)***
5. What emergency procedures must the passengers be briefed on *CAO20.11(14)*?
- *** smoking requirements *CAO20.11(14.1.1)*
- use of seat belts *CAO20.11(14.1.1)*
 - location of emergency exits *CAO20.11(14.1.1)*
 - use of oxygen where applicable *CAO20.11(14.1.1)*
 - use of floatation devices where applicable *CAO20.11(14.1.1)*
 - stowage of luggage *CAO20.11(14.1.1)*
 - onboard survival equipment *CAO20.11(14.1.1)***
6. What are the fuel and oil requirements for flight?
- *** PiC must take steps to ensure sufficient fuel and oil [*CAR1988(234)*]
- Fixed fuel reserve for VFR, aeroplane, piston-engine: 45 minutes [*CAAP 234-1(1)*]
 - 5-8 quarts of oil *Cessna 172 PoH Section 8 CAPACITY OF ENGINE SUMP***
7. What are cargo and passenger loading requirements?
- *** cargo on or above floor shall be restrained *CAO20.16.2(3)*
- cargo shall not obstruct flight controls *CAO20.16.2(4.1)*, emergency exits *CAO20.16.2(4.2)*
 - cargo on a passenger seat shall evenly distribute weight, not exceeding 77kg *CAO20.16.2(5.1)* and restrained *CAO20.16.2(5.2)*
 - cargo on unoccupied control seat shall not exceed 77kg *CAO20.16.2(6.2)*, restrained *CAO20.16.2(6.4)*, flight controls removed if easy *CAO20.16.2(6.3.1)*, not interfere with aircraft operation *CAO20.16.2(6.3)*
 - seat belts during take-off, landing, < 1000ft AGL, turbulence *CAO20.16.3(4.1)*
 - one pilot crew wearing seat belt at all times *CAO20.16.3(4.2)*
 - seats upright during take-off and landing *CAO20.16.3(5.1)*
 - passenger in control seat must be given instruction, no interfere with flight controls *CAO20.16.3(11.1)*
 - two infants (<=3 years of age) may be carried on one seat with total weight <= 77kg *CAO20.16.3(13.1)***
8. What are the privileges and limitations of the single engine aeroplane class rating?
- *** pilot licence must demonstrate competency of part 61 MoS [*CASR61.400*]

- flight review every 24 months, within 3 months of expiry, and valid to the end of that month [CASR61.745]**

9. What requirement applies to take-off and landing distances?

Add 15% to all take-off and landing distances for MTOW \leq 2000kg CAO20.7.4(6.1)

10. What documents must be carried?

Maintenance release, Pilot Operating Handbook, Aviation Medical Certificate