

## COMMERCIAL PILOT LICENCE QUESTIONNAIRE

Note: This questionnaire is a continuation of the PPL Questionnaire

Please attach as required the information relating to the TEST FORM GROUND ITEMS at the end of this questionnaire.

1. List the minimum serviceable instruments required for a VFR day charter ?
2. Whilst pre-flighting your Cessna 210 for a DAY VFR charter, you notice a non-mandatory instrument is unserviceable. What are the requirements with regard to this instrument and is the flight able to proceed with it unserviceable?
3. What are the minimum radio communication systems required to be serviceable for a VFR day charter in CTA and OCTA ?
4. The AIP GEN 1.5 refers to a requirement that for charter flights your radio communication systems are to be able to maintain communication with ATS at all stages in flight - what does this mean?
5. Under what conditions can a charter aircraft be exempt from the requirements to carry HF radio?
6. List the items which must be checked before refuelling should occur by any means – drums or otherwise?
7. There are a number of minimum distance requirements with reference to fuelling points and other aircraft etc. List these.
8. What are the requirements with regard to passenger movements (ambulatory and non-ambulatory) when refuelling an aircraft ?
9. How many fire extinguishers shall be placed within 15m, but not less than 6 m from the aircraft and fuelling equipment?
10. There are a number of minimum distance requirements with reference to starting an aircraft and its proximity to sealed buildings etc. List these.
11. All passengers must be orally briefed before each take off. What points should be covered and what regulations cover this requirement?
12. You are asked to conduct a scenic joy flight in a Cessna 182 from YRED to YTGA. Your Chief Pilot asks you to conduct the flight as a direct track **at** 2,000ft AMSL. What are the requirements with regards to carrying / wearing life jackets and life rafts for this flight?
13. When preparing for the above flight, you are advised that no life jackets are available. Is there any way this flight could be conducted if the CP was flexible about the altitude & tracking requirements?
14. Are emergency locator beacons mandatory on all flights? Explain.

15. Is the track CS - Mt Isa – CS in a designated remote area?
16. You conduct a charter on the above route in a Cessna 182. What equipment must the flight carry.
17. Is it acceptable to use a standard passenger weight in a seven seat aircraft for the calculation of weight and balance? If so, what is the standard weight ?
18. What ages apply to the title
  - a. INFANTS and
  - b. CHILDREN ?
19. You are to conduct a charter in a four seat aircraft (C182). There are five potential passengers - Yourself (80Kg), two adults (70 Kg each) and two children (30 Kg each). The aircraft weight & performance limitations are not exceeded. May the flight proceed, if so how?
20. What are the restraint requirements when infants are carried on the lap of a passenger?
21. What maintenance can be carried out by the pilot of an aircraft ?
22. Explain what a mercy flight is, what are the requirements for declaring a mercy flight
23. What type of aerodrome may be nominated as an alternate aerodrome ?
24. What WX conditions when forecast will require an alternate aerodrome to be nominated
25. How long before the currency of a TAF, with below alternate minima forecast, will the operational requirement apply to you?
26. When an alternate aerodrome requirement is being lifted because of a FM period, when is the alternate aerodrome no longer required?
27. What is the associated holding fuel allowance when a forecast is endorsed INTER and TEMPO and WX is below the alternate minima?
28. What are the minimum qualifications of a CPL candidate?
29. What are the privileges of the commercial licence?
30. How often must a commercial pilot do a flight review with an approved person?
31. Can a Commercial Pilot hold a class 2 medical ?
32. To carry passengers on a VFR day charter, what are the recency requirements for the pilot?

33. Your Chief Pilot hands you the below roster in local standard times -

**ROSTER-**

MON	TUE	WED	THUR	FRI	SAT	SUN
0800 – 1700	0800 – 1900	1200 – 2300		RDO	0800 – 2100	

- If you extended your duty time to 12 hrs on Wednesday, what is the earliest time you can commence work on Thursday ?
- If you extended beyond the maximum 12 hr limit of duty time on Saturday, due to in flight delays, when is the earliest you may commence work ?

34.

**ROSTER-**

MON	TUE	WED	THUR	FRI	SAT	SUN
0800 – 1700	0800 – 1900	1200 – 2200		RDO	0800 – 2100	

- What is the total duty time for the above week ?
- If this is the week beginning the fortnight, how much duty time has the pilot remaining for the next week
- What is the maximum flight time the pilot can fly on Thursday
- Is it possible to start a tour of duty on two consecutive days before 6am local time

35. Prior to departing for YBCS (greater than 50nm distance) you obtain the below forecast. You plan to arrive at YBCS at 6:20pm Local standard time (a single engine day VFR charter flight). Using the following forecast determine if any operational requirements apply to you, if so what.

**WEATHER INFORMATION**

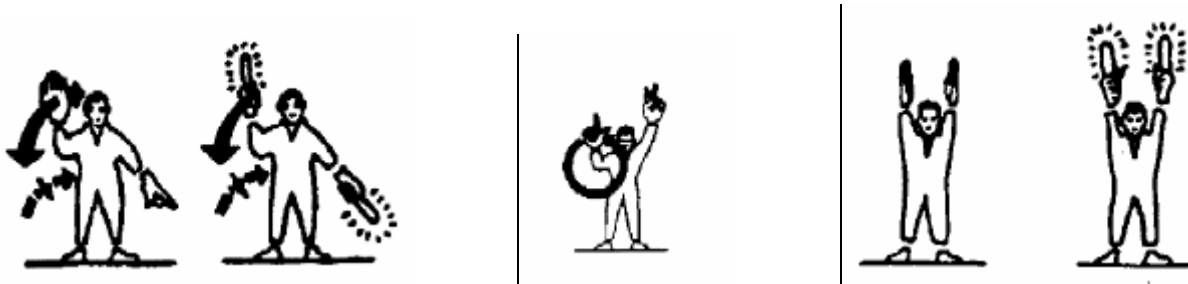
**CAIRNS (YBCS)**

TAF AMD YBCS 202230Z 0024 13017KT 9999 LIGHT SHOWERS OF RAIN SCT030  
SCT050  
FM04 16012KT 9999 LIGHT SHOWERS OF RAIN SCT022 BKN045  
TEMPO 0408 7000 SHOWERS OF RAIN SCT012 BKN018  
T 27 29 28 25 Q 1015 1013 1011 1012  
TTF METAR YBCS 210515Z 12015KT 9999 FEW035 BKN300 28/16 Q1012  
RMK RF00.0/000.0  
NOSIG  
METAR YBCS 210515Z 12015KT 9999 FEW035 BKN300 28/16 Q1012  
RMK RF00.0/000.0  
ATIS YBCS C 210510  
RWY: 15  
WND: 130/20,  
MAX XW 12KTS  
VIS: GREATER THAN 10 KM  
CLD: FEW025 SCT035  
TMP: 30  
+ QNH: 1012

36. What is your anticipated crosswind component for your arrival at YBBN during the currency of the below ATIS?

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ATIS YBBN W 210251
+ RWY: 01 FOR ARR AND DEP
  OPR INFO: CONVERGING RUNWAY OPERATIONS
            TAXIWAYS B8, B BTN B8 AND B9, AND C9, NOT AVBL
+ WND: 040/40
  VIS: GREATER THAN 10 KM
  CLD: FEW040
  TMP: 25
+ QNH: 1019
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37. Explain what the following indications would mean to you when being marshalled



38. You are carrying passengers, in an un-pressurised aircraft. Above what altitude must your aircraft carry enough supplemental oxygen for each passenger during all periods of flight above this altitude.

39. Above what altitude must a flight crew member continuously use supplemental oxygen in an un-pressurised aircraft.

40. When a flight crew member is not on flight deck duty what are the supplemental oxygen requirements

41. What factors shall a pilot consider when deciding which aerodrome to land at, in the event that in a multi-engine aircraft one engine has failed?

42. Define: Declared conditions, declared weights, corrected effective operational length

43. Determine the DDA for YRED in January and June

44. What is the minimum climb gradient an aeroplane (MTOW <5700 Kg) with gear extended at VTOSS must have the ability to achieve without ground effect and with all engines operating.

45. In the event of a go-around what is the minimum climb gradient an aeroplane (MTOW <5700 Kg) with take-off power at speed not above 1.3VS must have the capability to achieve?

46. May a single engine aircraft be operated under NVFR as a charter flight? Explain

47. Are you required on a charter flight in an aircraft below 5700 Kg to carry an official load sheet

48. Is a passenger list required to be compiled for the above flight? What do these lists contain?

49. What are the provisions with regard to carriage of cargo on a passenger seat?
50. When must each crew member and each passenger occupy an approved seat?
51. You are asked to fly a person in a stretcher for a charter- What are the requirements when carrying stretchered persons?
52. You are asked to fly a person who is handicapped. What are the requirements when carrying handicapped persons?
53. When making an application for approval of an Air Display what procedure should you follow?
54. You are asked to conduct a lolly drop at an Air Display. What is the procedure to follow for approval?
55. As a commercial pilot you may want to pursue a job cattle mustering. What are the minimum qualifications and aeronautical experience you require?
56. Under what conditions / situations where firearms, weapons and ammunition may be carried in an aircraft?
57. Discuss the difference between a Routine Reportable Matter and an Immediately Reportable Matter.

### **Test Form Questions not covered above**

The below test items are outlined on the Test Form and will be reviewed by the testing officer. Please complete the below and attach as required to the questionnaire.

2	Satisfactory knowledge of all KDR items	
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- Ensure you have a paragraph explanation to each KDR item and attach

3	Knew classifications of operations	
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- Outline the definition of Charter and Private Operation

5	Knew type of information contained in ops manuals	
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- Read & Review the Aero Club Operations Manual

6	Knew requirements relating to drugs/alcohol	
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- Outline the regulations relating to drugs / alcohol

12	Used loading system correctly	
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- Complete & attach a sample loading scenario for the CESSNA 182 or test aircraft

13	Used performance charts correctly	
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- Complete & attach a sample performance scenario for the CESSNA 182 or test aircraft

14	Demonstrated sound knowledge of aeroplane systems	
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- Spend a number of hrs reviewing the flight Manual of your test aircraft. Ensure you are able to answer questions on systems, performance – Be prepared to be quizzed on your questionnaire day about your flight test aircraft systems.