



## 2018 PPL/RPL/CPL BFR OPEN BOOK Questions

Holding a pilots licence at any level is a privilege, not a right. As the holder of a pilots licence therefore, it is your responsibility to honour this privilege by taking it seriously, and keeping your knowledge up to date, and updating it as opportunities present themselves. The Biennial Flight Review is one such opportunity. The questions are designed to refresh knowledge you would have originally gained during flight training but perhaps haven't used since, and update your knowledge on new rules, or flying techniques, introduced since your last BFR. The BFR is by definition a dual exercise, so there is no pass/fail as such, but you must demonstrate competence in all the exercises. The BFR does not need to be completed in one flight, but as many flights as is necessary to complete the details, and can be combined with some upgrade training, such as a type rating.

Terrain and Weather Awareness Training was introduced into the PPL syllabus in 2011, and Threat and Error Management (TEM) training has been formalised, and is an assessed competency. The Threat and Error Briefing is available on our website, in the training section, and will be discussed if you have not already had the briefing.

Information on Mountain Flying/Terrain Awareness is available from the 3 CAA CD/DVDs and our mountain flying ground course.

The CAA form for the BFR is on [www.caa.govt.nz/Forms/24061-11.pdf](http://www.caa.govt.nz/Forms/24061-11.pdf)

As an open book exam, any questions not able to be answered will be discussed during the BFR, as well as any other questions you may have. Please download the NOTAMS and weather for the day of your flight to present, along with you licence and up to date logbook.

I hope you find the BFR process beneficial and enjoyable, and gives you confidence in your future flying.

Cheers Bill.

METAR NZHN 212100Z 210/17KT 20KM -VCSH SCT018 BKN 050 17/09 Q1007  
TEMPO 1621 200M FG

Using the above weather statement, answer the following questions.

1. What is the pressure altitude?
2. What are the crosswind and headwind components on runway 18?
3. What type of weather report is it. How often are they issued?
4. What local date and time was the report issued?
5. What is the wind direction and speed? Is the direction °M or °T?
6. What is the visibility? What is causing the reduced visibility?
7. What is the cloud amount and base?

8. What is the temperature? What is the dewpoint?
9. What does Q1007 mean?
10. Translate into plain language the “TEMPO” statement.
11. Using the conditions in the METAR, what are the required takeoff and landing distances at NZHN?
12. Fill the gaps in the table below. (PA-18, If using your own a/c change as needed, if a 4 seat aircraft carry pilot and 3 pax. )

A/C empty weight	1025 lbs	
Pax	120 lbs	
Pilot	175 lbs	
Bags	20 lbs	
Fuel		
Takeoff Weight	Lbs (Max)	
Fuel	litres	
Fuel	hours	

13. With the load above, where does the CofG fall?

14. Fill in the gaps in the table below

Track °T	Wind °T	VAR Hdg °M	Dev °M	Hdg °C	G/S	Dist	EET
275	330/12	15E	5E		95	134	

15. You are heading 330°M, which of the following heights can you fly at under VFR?

- a. 2900 ft AMSL, 2000 ft AGL, 5500 ft
- b. 2900 ft AMSL, 2100 ft AGL, 4500 ft
- c. 900 ft AMSL, 800 ft AGL, 6500 ft

16. What is a GAA? What radio frequency should you be using in G259 Te Puke?

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17. What is the transponder code for operating in a controlled aerodrome circuit?

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18. What is the intention of CA Rule Part 12.63?

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19. What types of aircraft can you fly if you are using an RPL?  
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20. What is ECT at NZGS on 7<sup>th</sup> June? \_\_\_\_\_
21. What is the crosswind component of the aircraft? Is this figure considered a maximum?  
\_\_\_\_\_
22. What is the primary threat taking off on runway 30 or landing on runway 12 at Omaka?  
\_\_\_\_\_
23. List (in order) the actions you would take in the event of an engine fire while taxiing?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
24. An aircraft leaves an aerodrome at 09:10 hours to fly to another airfield 215nm away. The calculated groundspeed is 95 kt. What will be the ETA at the destination?  
\_\_\_\_\_
25. Detail your actions if you were to observe a high oil temperature in flight?  
\_\_\_\_\_  
\_\_\_\_\_
26. What are the limits for mag drop during the engine runup? \_\_\_\_\_
27. What actions should you take if the mag drop is out of the limits during an engine run up?  
\_\_\_\_\_
28. On the HN VFR Arrival/Departure procedures page of the AIP what was the change on 19/7/18?  
\_\_\_\_\_
29. For an aircraft that has a fuel consumption of 24 litres/hr. Total useable fuel of 202 litres. Ground speed of 125 kt. What is its range? (including legal reserves)  
\_\_\_\_\_
30. Where is the first aid kit located? Describe some of the contents.  
\_\_\_\_\_  
\_\_\_\_\_



31. What is the height for a standard overhead rejoin at Waiouru? (Assume you have permission to land there).

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32. If your radio fails while you are in the circuit at Hamilton, what would your actions be if they shone a flashing white light from the tower?

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33. What frequency would you use to talk to Flight Information when operating in the Dannevirke area?

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34. What is the legal VFR MET minima to operate at an uncontrolled airfield during the day?

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35. What is the upper limit of the Invercargill Control Zone?

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36. When would squawking 7500 be useful to the pilot?

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37. What are the hours of operation of Dunedin ATC?

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38. What is the minimum height you may fly over Hastings City?

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39. What is the maximum height you may fly over Hastings City without an ATC clearance? Who would you ask for clearance above that height?

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40. On the chart below what cloud base and tops could you expect at Raglan at 0700 UTC on 26/8/18?

Where would I find this chart?



oc.asp

END.

## Charts

Display/hide all charts

GRAFOR 06 (Issued 2018-08-26 03:15, valid 03:00 to 09:00 UTC)

