

BMFA 'B' TEST SAFETY QUESTIONS.

The following are typical of the kind of questions that could be asked by a BMFA Examiner and should not be considered exhaustive.

For instance, any of the 'A' Test questions could be used in addition to those set out below. The relevant sections of the BMFA 2007 Handbook should be read thoroughly before the test.

- 1). Complete the following: During a public display no aircraft may be flown within _____ metres of spectators and no turn should terminate on a heading _____ the spectator enclosure.
- 2). With the previous question in mind, what is the minimum distance (in metres) if the aircraft is over 7 kg in weight?
- 3). Is it permissible to use 27 MHz radio control equipment for aircraft in a public display? State reasons for your answer.
- 4). What is the recommended minimum size for a take-off and landing area (in metres) for a public display?
- 5). What is the minimum recommended distance that should be clear of spectators, parked or moving vehicles at both ends of the flying area described in the previous question?
- 6). When flying with PCM equipment and/or flying an aircraft weighing more than 7kg, what should also be fitted on board the aircraft and what is its purpose?
- 7). What is the maximum weight of aircraft (without fuel) that may be flown without permission from the CAA?
- 8). When a 'Fail-Safe' is fitted, how often should its operation be checked?
- 9). What is the minimum recommended function of a 'Fail-Safe' unit?
- 10). Describe the recommended Pre-Flying Session checks.
- 11). What colour pennant should you have on your aerial when flying with 2.4 GHz Spread Spectrum Radio Control equipment?
- 12). Within an Air Traffic Control area what is the maximum height one may fly an aircraft weighing over 7kg without their permission?
- 13). Why is it recommended that a 'Fail-Safe' unit puts an IC engine to idle, rather than stop it?
- 14). As a general rule, what is the minimum recommended distance (in miles) between two recognised flying sites?
- 15). Describe the 'Adjacent channel check' and how often does the BMFA recommend that it be carried out?

- 16). What is the minimum recommended distance (in metres) from the 'Pits area' to a car park?
- 17). What are the maximum limits of wind (knots) and minimum limits of visibility (in metres) for flying at a public display?
- 18). How can one minimise the occurrence of 'black-wire' corrosion in NiCd batteries?
- 19). What is the minimum range (in metres) the BMFA recommend when doing a range check?
- 20). Which checks and/or tasks should be carried out after each flight?
- 21). When starting an engine, what should you ensure to avoid injury to either yourself or by-standers?
- 22). You have just built an aircraft, without any assistance, which ends up weighing over 20 kg. When would you be able to fly it legally in the UK?
- 23). When a public flying display is about to take place, a frequency scanner is recommended for use throughout the display and for how long before?
- 24). At a public display, is it permissible to fly a power driven aircraft without throttle control?
- 25). What is the minimum recommended height and colour of the channel number on the frequency pennant that should be attached to the Tx aerial?
- 26). What is the frequency allocation in the 'Contest Band Plan' for powered aircraft and gliders?
- 27). What is and where would one usually use a 'Block Frequency Allocation'?
- 28). Specify two ways to minimise interference in long servo leads, as stated in the BMFA Handbook.
- 29). What are the BMFA recommendations regarding the use of mobile phones in the vicinity of the pits and flying area?
- 30). I've just completed my scale F4U Corsair last night. It looks great. Would it be OK to fly it at the Public Show today?
- 31). In which direction should any diving manoeuvres be carried out?
- 32). What is CAP 658?
- 33). What does Air Navigation Order number 98 refer to?