

# Class 1/2 certification - Complete Right Bundle Branch Block (RBBB)

**Complete RBBB  
on resting ECG**

Some flying may continue (note 1)

**Cardiology review (note 2)**

**Shall require:**

**Exercise ECG**

**24 hour ECG**

**Echocardiogram**

**May require:**

**Investigation of coronary arteries**

**Results acceptable  
to the AMS (note 3)**

**Class 1 (note 4):**

**Age  $\leq$ 40 Initial/Revalidation/Renewal -  
unrestricted**

**Age >40 Initial - no certificate - review 1 year**

**Age >40 Revalidation/Renewal - OML - review 1  
year (note 5)**

**Class 2 (note 5):**

**All – unrestricted**

**Follow-up (note 6)**

## NOTES:

1) Initial applicants should not receive a medical certificate until the cardiology assessment is complete. Established pilots may continue to fly (Class 1 OML/Class 2 unrestricted) but the assessment should be completed within 2 months.

2) By a cardiological specialist. Investigations shall include:

**Exercise ECG** - Bruce protocol and symptom limited. Requirements are at least 9 minutes and no significant ECG (apart from RBBB) or blood pressure changes. (See UK CAA exercise ECG protocol).

**24 hr ECG** - No significant rhythm or conduction disturbance apart from RBBB.

**Echocardiogram** - Structurally normal heart and normal LV and RV function (ejection fraction  $\geq$  50%).

Further evaluation may be required (for example investigation of the coronary arteries) if any of the above investigations are abnormal.

3) For Class 1 applicants the cardiology report will be reviewed by the Authority Medical Section (AMS). It may be necessary to see the investigations in which case the actual tracings/films/videos/cds will be requested. In difficult cases a secondary review panel of cardiologists will be convened.

4) Class 1 applicants age 40 or under (initial and revalidation/renewal) may have unrestricted certification.

Initial Class 1 applicants over age 40 cannot be certificated until completing a satisfactory follow up review at one year to include an exercise ECG.

Class 1 applicants over age 40 for revalidation/renewal will need an OML and a review again in a year to include an exercise ECG. At that time an unrestricted certificate can be issued if there is no change. If there has been a documented gradual progression from incomplete RBBB to complete RBBB over several years, there will be no requirement for an OML.

5) Class 2 applicants can have unrestricted certification if all the requirements are met. Certification with OML may be possible if only some requirements are achieved.

6) Pilots with long standing RBBB should expect to be asked to have occasional cardiology reviews to check that all remains well, particularly if there is a change to the resting ECG.



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