Clarification and implications of Limitations applied to a UK Part-66 AMEL

This information should be referred to by organisations approved to certify aircraft maintenance and individuals certifying maintenance under the authority of their Part 66 Aircraft Maintenance Engineer Licence.

Detailed in the table below is a list of current limitations applicable to the holder of a UK Part 66 licence. The table contains information on the basis for these limitations, the implications to the scope of the certifying engineer's responsibilities and details of how they may be removed.

BCAR to Part 66

The conversion of a BCAR licence to Part-66 took into account the following "protected rights":

- Basic BCAR Licence Category
- Type ratings applied to BCAR Licence
- Authorisations held under A8-3 or A8-13 maintenance organisations.
- An approval directly issued by the UKCAA
- Aircraft type covered by BCAR group ratings where the holder could demonstrate evidence of certification

Limitations apply where the knowledge requirements relevant to BCAR Section L differ from the knowledge requirements specified in Part-66.

Removal of Limitations

For those wanting to remove limitations and hold an unrestricted Part 66 licence, it will be necessary for the applicant to sit the appropriate conversion examination, and where necessary, demonstrate appropriate experience relevant to the knowledge required to remove the limitation.

The process for removal of limitations given below only refers to the specific limitation stated and does not address the removal of a combination of limitations.

The addition of another category (B1-2, B2 etc) to a Part 66 licence will requires the applicant to remove the limitations applied to their existing licence prior to the addition being granted. However, the existing licence may be extended with an additional type rating without the need to lift the limitations. Any new type added would have the same limitations added that apply to the basic licence categories.

Where a limitation is shown against the basic licence category, the limitation also applies to the type rating.

Limitation No	Reason/applicability	Implications	Requirements for removal of limitation
1. Excluding electrical power generation & distribution system.	Applied to both B1 and B2 licence holders who did not already hold BCAR 'X' Electrical, or held no certification privileges on aircraft below 5700kg.	No privileges to certify electrical work including removal/replacement/testing of any electrical component such as pressure transducers, heat sensing etc.	For Basic Part exams in modules 3,7,11 plus full module 4. Plus Experience. For Type Training on all mechanical/ electrical systems to level 3 for B1. Training on all avionic electrical systems for B2. Plus experience.
2. Excluding instrument systems, INS/IRS and flight director systems.	Applied to B2 licence holders where BCAR "X" Instruments was not already held.	No privileges to certify instrument systems or flight directors in autopilot systems. This is in addition to limitations 3 & 4.	Limitation 2 not issued in isolation. Examination requirements to remove limitation are incorporated with other associated limitations.
3. Excluding autopilot systems on Aeroplanes	Applied to B2 licence where BCAR "X" Autopilot Aeroplanes was not already held.	No privileges to certify autopilot systems on Aeroplanes.	Limitation 3 not issued in isolation. Examination requirements to remove limitation are incorporated with other associated limitations.
4. Excluding autopilot systems on helicopters	Applied to B2 licence only where BCAR "X" autopilot rotorcraft was not already held.	No privileges to certify autopilot systems on Rotorcraft.	Examination in Part Module 13 required. No experience requirement.

5. Excluding automatic landing and autothrottle systems on aeroplanes.	Applied to B2 licence only where BCAR Combined Category was not already held.	No privileges to certify auto-land and auto-throttle systems.	Examination in Part Module 13 for basic and the appropriate systems for type rating.
6. Excluding radio Comm/Nav and radar systems	Applied to a B2 licence where BCAR Radio Comm/Nav and Radio Radar were not already held.	No privilege to certify Communication/Navigation/Radio/ Radar systems.	Examination in Part Module 13 for basic and the appropriate systems for type rating.
7. Excluding radio radar systems	Applied to a B2 licence where BCAR Radio Radar was not already held.	No privileges to certify Primary or Secondary Radar systems.	Examination in Part Module 13 for basic and the appropriate systems for type rating.
8.	NOT IN USE		
9. Excluding avionic LRUs	Applied to a B1 licence where an avionic extension authorisation was not already held.	No privilege to certify Avionic Systems.	Examination in Module 5. For type rating, training in the avionics disciplines of the appropriate type course.
10. Excluding airframe	Applied to B1 licence where BCAR ‘Aeroplanes’ or ‘Rotorcraft’ licence was not already held.	No privilege to certify Airframe Structure or Mechanical systems.	For Basic: Examination in Module 11A for B1.1 Module 11B for B1.2 For type rating, training in the airframe and systems element of appropriate type. For a group rating oral examination on the aircraft groups or sub groups.

11. Excluding engine.	Applied to B1 licence where BCAR 'Engine' licence was not already held.	No privileges to certify engine or engine/ airframe interface.	For Basic Examination in Module 15 and 17 for B1.1 Module 16 and 17 for B1.2 For type rating; training in the engine and airframe/engine interface or for non-complex types, oral examination.
12. Excluding all pressurised aeroplanes	Applied to B1.2 licence where BCAR 'Airframe' licence excluded pressurised aeroplane structures.	No privileges to certify pressurised aeroplanes structures within any type-rating group.	Full module 11A for Category B1.1 Full Module 11B for Category B1.2 Plus appropriate experience. For type rating; for non-complex types, oral examination.
13. Excluding all metal aeroplanes	Applied to B1.2 licence where BCAR Airframe licence excluded metal structures.	No privileges to certify metal constructed aeroplanes,	Examination in Part Module 6 and Module 11A for B1.1 or Module 11B for B1.2 plus appropriate experience.
14. Excluding pressurised aeroplanes above 5700kg MTOM	Applied to B1 licence where BCAR Aeroplanes 2 licence was not previously held.	No privileges to certify the structure or mechanical systems on aeroplanes with MTOA of >5700kg.	Examination in Part Module 11A plus appropriate experience.
15. Excluding supercharged piston engines in aeroplanes.	Applied to B1.2 licence where BCAR engine licence excluded supercharged engines and variable pitch propellers.	No privileges to certify supercharged / turbocharged piston engines or Variable pitch propellers.	Examination in Part Module 16 plus appropriate experience.
16. Excluding navigational and electronic instrument systems, FDR, GPWS and vibration monitoring systems.	Applied to B2 licence where BCAR 'X' Instrument licence was not already held.	No privileges to certify electronic instrument systems, FDR, GPWS or vibration monitoring equipment.	Examination in Part Module 13 and appropriate experience for basic licence and completion of appropriate type training for type rating.

17. Excluding radio-coupled autopilot systems in aeroplanes	Applied to B2 licence where BCAR ‘X’ Autopilot Aeroplanes was not already held.	No privilege to certify radio-coupled autopilot systems on aeroplanes.	Examination in Part Module 13 and appropriate experience. For type rating, training in the radio coupled autopilot systems appropriate to type.
18. Excluding radio coupled autopilot systems in helicopters	Applied to B2 licence where BCAR ‘X’ Autopilot Helicopters was not already held.	No privilege to certify radio-coupled autopilot systems on rotorcraft.	Examination in Part Module 13 and appropriate experience. For type rating, training in the radio coupled autopilot systems appropriate to type.
19. Excluding all tasks with the exception of compass compensation and adjustment only.	To be deleted	To be deleted	To be deleted
20. Excluding propeller-turbine engines	Applied to Category B1.1 licence where a BCAR engine licence excluded ‘Turbo propeller engines’.	No privileges to certify propeller, propeller controls or engine/propeller interface.	Examination in Module 17 plus appropriate experience. For type rating completion of appropriate type training.
21. Excluding all tasks with the exception of minor scheduled line maintenance up to and including daily inspections.	Applied to any Category A licence where no licence had been previously held.	No privileges to certify rectification of defects, fault diagnosis.	Examination in all of the modules associated with Category A licence.

22. Excluding all tasks with the exception of cabin maintenance tasks.	Applied to any Category A licence where no licence had been previously held.	No privileges to certify rectification of defects, fault diagnosis, except for cabin maintenance.	Examination in all of the modules associated with Category A licence.
23. Excluding all tasks with the exception of DC electrical components in mechanical systems	Applied to Category B1 licence where no BCAR 'X' Electrical licence was already held.	No privileges to certify avionic /electrical systems.	Examination in Part Module 3, 7 and 11A or 11B, Module 4 and 5, plus appropriate experience. For type rating completion of appropriate type training.
24. Excluding all systems with the exception of LRUs within In Flight Entertainment (IFE) systems.	Applied to a Category A or B2 licence where no BCAR licence was already held.	No privileges to certify rectification of defects, fault diagnosis, except for LRUs associated with IFE.	Examination in all of the modules associated with Category A licence.
25. Excluding AC electrical systems on aircraft above 5700kg MTOM, with the exception of component changes that do not require specialist test equipment to prove serviceability.	Applied to Category B1 licence where no BCAR 'X' Electrical held.	No privileges to certify AC electrical systems on aircraft >5700kg.	Examination in Module 4, Part Modules 3, 7 and 11, plus appropriate experience. For type rating completion of the electrical element of all mechanical systems to level III.
26. Excluding avionic LRU replacement and BITE checks on aircraft above 5700kg MTOM	Applied to Category B1 licence holders where no BCAR 'Avionic' licence held except where limited avionic system authorisation under AWN 3 had been issued.	No privileges to certify avionic systems on aircraft > 5700kg.	Examination in Module 5 plus experience. For type rating completion of appropriate type training.

27. Excluding antenna and antenna Feeder Systems relating to radio and radar systems.	Applied to B2 licence holders where no BCAR licence held.	No certification privileges for antenna systems associated with Radio/Radar.	No conversion examinations. Specific company scheme applies.
28. Excluding aircraft listed in section 7 and 8 of Part-66 Type Rating List.	Applied to Part-66 Category B1 licences where no BCAR licence held for wood and fabric aircraft.	No privileges to certify wood and fabric structured aircraft.	Examination in Part Module 6 and appropriate experience. For type rating; for non-complex types, oral examination.
29. Excluding all aircraft except those listed in Sections 7 and 8 of Part-66 Type Rating List	Applied to Part-66 Category B1 licences where no BCAR licence held for metal or composite aircraft.	No privileges to certify metal or composite structured aircraft.	Examination in Part Module 6 and 11A for B1.1 or 11B for B1.2. For type rating; for non-complex types, oral examination.