

UK CAP 670 Regulation Excerpt

The number of operational positions, period of operation and limitation of duty hours dictate the minimum number of validated controllers required at a unit.

D2 The CAA must be satisfied that the unit maintains sufficient qualified controllers to provide safe air traffic control services. Consideration will be given to the regularity of the Air Traffic Control Service in determining whether a service is safe. There must be no possibility that users will be confused as to which service they are receiving because the type of service changes from day to day or hour to hour. Careful consideration will also be given to the provision of more than one service simultaneously before approving a unit.

D3 Although conditions at different units may vary an approximation for the calculation of the minimum number of controllers required is given using the following formula:

Total number of valid controllers, $C = ND \div 365 - R$ rounded up to whole number

Where:

‘N’ equals the number of controllers required to attend for duties, including a relief to give breaks, each day. This will depend on the number of operational positions and the period for which they are scheduled to open.

‘D’ equals the number of days the unit provides services in a year.

‘R’ equals the number of days a controller is not available for duty, i.e. rest days, annual leave, public holidays in lieu, allowance for sickness and training etc.