

SECTION SEVEN - AREA CONTROL

Q. What line of latitude serves as the North/South dividing line between the London and Scottish FIR and UIR.

A. 55° North.

(JSP 318A/5801)

Q. What is the vertical delineation between Middle airspace and Upper airspace.

A. FL245 and above is Upper airspace.

(JSP 318A/4602)

Q. What are the 6 major divisions of Upper airspace over the UK?

- A. 1. Upper Airspace Special Rules Area (UASRA)
2. Mandatory Radar Service Area (MRSA)
3. Hebrides Upper Control Area (HUCA)
4. Military Training Areas (MTA)
5. Radar Service Areas (RSA)
6. London Joint Area Organisation (LJAO)

(JSP 318A/4801)

Q. What is the Upper limit of an MRSA?

A. FL 660

(JSP 318A/4803)

Q. What Radar Service may be offered to ac transiting a MTA?

A. RAS or RIS.

(JSP 318A/4805)

Q. When is a controller to apply Radar Control?

A. For flights within:

1. Mandatory Radar Services Areas.
2. Controlled Airspace.
3. Hebrides Upper Control Area.
4. MTAs outside prohibited hours.
5. Special Rules Airspace.

(JSP 318A/Table 46-1)

Q. Can an Area Controller offer a FIS?

A. Yes a FIS may be offered by ATCSU.

(JSP 318A/4604/*)

Q. Define Radar Control.

A. Radar Control is an area radar service in which pilots are given mandatory instructions to enable prescribed separation between ac to be maintained. Changes of heading or flight level are not to be made without the prior approval of the radar controller.

(JSP 318A 4604)

Q. What vertical separation standards are to be applied to ac flying above FL 290?

A. 2000ft when information is derived from inflight reports or co-ordination. 5000ft when information is derived from height finding equipment or verified SSR mode C.

(JSP 318A/4710)

Q. State the ways in which an aircraft may cross an airway.

A. 1. Under the control of an ATCRU
2. Procedural crossing under positive ATC clearance.
3. In emergency at an intermediate FL.
4. At the Base Flight Level of the airway.

(JSP 318A/0505)

Q. What are the conditions to be applied to a Cleared Flight Path Crossing of an airway?

A. 1. The clearance must be obtained from the Airway Sector Controller.
2. The crossing position must be in terms readily understood by the Sector Controller (ie relative to an airway reporting point).
3. The heading or flight level of the cleared flight path crossing must not be changed without prior approval of the Sector Controller.
4. Within the confines of the airway the cleared flight path is deemed separated from all traffic (subject to any conditions notified by the sector controller).
5. The Sector Controller is to be advised when the crossing aircraft is clear.

(JSP 318A/4903)

Q. What is the basic airways crossing procedure for aircraft under service of an ATCRU?

A. 1. Aircraft must call at least 5min before ETA at the nearest edge of the airway.
2. The airway should be crossed at 90° whenever possible.
3. Solid radar cover is to be available 10 miles either side of track and 10 miles either side of the airway on the aircrafts track.
4. Radar Control is to be applied as the aircraft positions to cross the airway and is to be maintained until the aircraft is clear of CAS.
5. Minimum separation from all contacts must be 5nms in plan unless vertical separation is applied.

(JSP 318A/4903)

Q. Define Flight Information Service.

A. An RT service provided by all ATCRUs within the limits of available information. The service is designed to provide information to assist the safe and efficient conduct of flight.

(JSP 318A/4604*)

Q. What is a Flight Information Region?

A. An area of defined dimensions within which flight information and alerting services are provided.

(JSP 318A/0501)

Q. For what general area is the Manchester Sub-ATCC responsible?

A. EGCC2R is responsible for certain regulated airspace from GL to FL 130 between Birmingham and the Isle of Man.

(JSP 318A/0501)

Q. What are ATAs and what are their vertical limits?

A. Aerial Tactical Areas are areas within which high energy combat manoeuvres are carried out by groups of up to 6 aircraft. Vertical limits FL 50 to FL 245.

(FLIPS)