

LOWER AIRSPACE RADAR SERVICE (LARS)

Type of service

The service provided will be a Radar Advisory Service (RAS) or Radar Information Service (RIS).

- a. RAS:** The aim is to provide a minimum horizontal separation of 3nm between identified aircraft working the same unit, or 5nm horizontal separation from other aircraft unless 3,000ft vertical separation is known to exist. Normally, pilots will be passed the position of conflicting traffic, followed by advice to maintain separation. Exceptionally, at controllers' discretion, separation advice will be given first, followed by the position of conflicting traffic. A limited service may be given when prescribed separation cannot be maintained.
- b. RIS:** This service provides only traffic information i.e. bearing, distance and if available, the level of conflicting traffic. No avoiding action will be offered and pilots are wholly responsible for maintaining separation from other traffic whether or not controllers have passed traffic information.

Availability:

The service is available (subject to controller workload) to all aircraft outside regulated airspace up to FL95, within approximately 30nm of a participating ATS unit, and is normally available †0800-1700 Mon-Fri. At other times call for service and, if no reply after 3 consecutive calls, assume that the service is unavailable. Information on other times from:

- N of N54 30 Scottish ACC(MIL) - Prestwick (01292) 479800 Ext 6703/4.
- S of N5430 LATCC(MIL) - West Drayton (01895) 445566 Ext 6150/4222, or direct (01895) 426150.

Procedures:

When within approx 40nm of a participating ATS unit, establish two-way RT communication on the appropriate freq using the phraseology:

'.....(participating ATS unit), **this is**(Aircraft callsign), **request Lower Airspace Radar Service.**'

Pilots may be asked to 'Standby for controller.'

When asked pass:

- Callsign and aircraft type.
 - Position and Heading.
 - Flight Level or Altitude.
 - Intentions
 - Request for Radar Service (RAS or RIS).
- Maintain listening watch.
 - Advise controller if unable to comply or the service is no longer required.
 - Reporting of flight conditions is not required unless requested.
 - Quadrantal rule applies, except during short term manoeuvres for separation purposes, or where a pilot is operating within a notified height band under RIS.
 - Under RAS heading or flight level should not be changed without prior warning to controller.
 - Under RIS changes in heading, level or level band, or route should be advised to the controller beforehand.
 - Where possible, acft will be handed from unit to unit.
 - If there is a requirement to fly in CAS, then separate clearance must be obtained from the appropriate controlling authority.

ATS UNITS PARTICIPATING IN LOWER AIRSPACE RADAR SERVICE (LARS)

