

SAFETY AND AIRSPACE REGULATION GROUP

ACTIVITY NO: 2015-00-0138

2 January 2015

See Distribution



AIRSPACE CO-ORDINATION NOTICE

TACTICAL SEARCH RADAR EQUIPMENT CALIBRATION RAF TOPCLIFFE

INTRODUCTION

1. SARG has agreed the following measures with the organiser and airspace controlling authorities to accommodate the subject Unusual Aerial Activity. This ACN replaces ACN 2014-00-0138, which may now be destroyed.

ACTIVITY

2. The calibration of Tactical Search Radar equipment by the Expeditionary Radar Airfield Sqn (ERAS) based at RAF Leeming. A testing ground at RAF Topcliffe will be used.

DATES

3. As required - valid until further notice.

TIMES

4. As required. Calibrations may take between 5-5½ hrs to complete.

VERTICAL LIMITS

5. The following vertical limits will be adhered to:

- a. Six calibration runs at each level will be conducted as follows: Runs will be between various test ranges at between 5,000ft and 25,000ft amsl.
- b. The aircraft unable to fly at flight levels on inbound legs. It should be noted by ATC that the inbound legs will be flown at altitude plus radar height.
- c. A minimum of one 10nm orbit will be conducted at 4,000ft amsl.

CO-ORDINATES OF AREA OR EVENT

6. The calibration will take place in the following area:

- a. Datum: RAF Topcliffe (541220N 0012256W) (see map Annex A).
- b. Within an arc between 100°(T) clockwise to 165°(T). Ranges:

Civil Aviation Authority

CAA House, K6 G2, 45-59 Kingsway, London, WC2B 6TE. www.caa.co.uk

Tel 0207 453 6599. DFTS (9) 6453 ext 6599. Fax 020 7453 6593.

ausops@caa.co.uk

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- (1) Watchman: 60nm to overhead Topcliffe.
- (2) SSR: Overhead Topcliffe to 80nm and reciprocal.
- c. Operational constraints require a maximum of 5° of drift angle inbound to maintain a known radar cross-section. The acft Captain may therefore request, subject to Air Traffic Control conditions permitting, a radial not covered by this ACN.

OPERATING AUTHORITY OR SPONSOR

- 1. The following authorities will sponsor the calibration:
 - a. Cobham Flight Inspection Ltd, Cobham Aviation Services, Bournemouth International Airport, Christchurch, Dorset. BH23 6NE
Tel: 01202 409 111. Mob: 07887 868 568.

CONTROL AUTHORITIES

- 2. The following agency will provide control for this event:
 - a. SATCO RAF Leeming.
Tel: 01677 423041 ext 7229; DFTS: (9) 5851 7229.
 - b. Swanwick (Mil) East Supervisor.
Tel: 01489 612408; DFTS (9) 5586 2408.
 - c. Manchester Airport.
Tel: 0161 209 2810.
 - d. Doncaster Radar.
Tel: 0151 907 1993.

AIRCRAFT

- 3. Beech King Air B200.

CO-ORDINATION ARRANGEMENTS

- 4. The following coordination arrangements have been agreed with all operators:
 - a. ACN 2015-00-0138 must be quoted in all instances.
 - b. Prior to departure, the sponsor/aircraft captain should contact the Swanwick (Mil) East Bank. At and above 10,000 feet, radar service will be provided. Below 10,000 feet, the aircraft captain should utilise LARS.
 - c. Immediately after contacting Swanwick (Mil) the aircraft captain must contact the Prestwick Centre Operations Supervisor (01294 655 300) to ascertain if the flight can be made that day, in light of the predicted traffic flow.