

SAFETY AND AIRSPACE REGULATION GROUP

ACTIVITY No 2015-00-0043

2 January 2015

See Distribution



AIRSPACE CO-ORDINATION NOTICE

RAF SHAWBURY WATCHMAN RADAR CALIBRATION

ALL TIMES UTC

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 2014-00-0043 which may now be destroyed

ACTIVITY

2. RAF Shawbury Watchman Radar Calibration.

DATES

3. As required; this ACN is valid until further notice.

TIMES

4. As required. Calibration may take between 5 and 5½ hours.

VERTICAL LIMITS

5. The following vertical limits apply:

- a. At 8,000 ft, 15,000 ft, 16,000 ft and 22,000 ft above radar head, $\pm$ 'D' value.
- b. Radar head 300 ft amsl.
- c. 'D' Values are correct from ICAN standard atmosphere to actual conditions, thus aircraft on inbound leg may be unable to maintain whole Flight Levels.

CO-ORDINATES OF AREA OR EVENT

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

- a. Datum: Shawbury 524753N 0024006W (see map Annex A).
- b. Six runs at each level within an arc between radials 150°T clockwise to 185°T, and between radials 226°T clockwise to 275°T, range 30nm to 70nm. Last run at 22,000 ft will be through radar overhead.

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

Page 1 of 4

- c. Operational constraints require a maximum of 5° of drift angle inbound to maintain a known radar cross section, hence aircraft captain may request, subject to Air Traffic Control conditions permitting, a radial not covered by this ACN.

OPERATING AUTHORITY OR SPONSOR

7. 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

8. The following organisations will provide control for the calibration:
 - a. Swanwick (Mil) West Supervisor.

Tel: 01489 612417; DFTS: (9) 5586 2417.
 - b. SATCO RAF Shawbury.

Tel: 01939 250351 ext 7231; DFTS: (9) 5531 7231.
 - c. Prestwick Centre Operations Supervisor.

Tel: 01294 655300.

AIRCRAFT

9. Beech King Air B200.

CO-ORDINATION ARRANGEMENTS

10. **Operating Authority.**
 - a. ACN 2015-00-0043 must be quoted in all instances.
 - b. Prior to departure, the sponsor/aircraft captain should contact the Swanwick (Mil) West Supervisor, giving details of the flight profile. At and above 10,000 ft, radar service will be provided by Swanwick (Mil) West. Below 10,000 ft, the aircraft captain should utilise LARS.
 - c. Unless otherwise directed by Swanwick (Mil) West, the aircraft should use SSR transponder code 0024 at all times during the calibration. In the event that Swanwick (Mil) West do change the code, they are requested to inform the Prestwick Centre Operations Supervisor.
 - d. The sponsor/aircraft captain should also inform SATCO RAF Shawbury and Prestwick Centre Operations Supervisor of the flight details.