

SAFETY AND AIRSPACE REGULATION GROUP

ACTIVITY No 2015-00-0136

2 January 2015

See Distribution



AIRSPACE CO-ORDINATION NOTICE

RAF SHAWBURY MSSR 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 2014-00-0136, which may now be destroyed.

ACTIVITY

2. RAF Shawbury MSSR Calibration.

DATES

3. As required - valid until further notice.

TIMES

4. The calibration is expected to take place between 0800 and 1800 hrs (UTC). See para 10e regarding time recommendations for some parts of the activity.

VERTICAL LIMITS

5. The calibration will be conducted within the following vertical limits:
- At 5,000 ft and 20,000 ft above radar head, $\pm$ 'D' value. Up to two orbits at 4,000 ft.
 - Radar head 373 ft amsl.
 - 'D' Values are corrected 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 calibration will be conducted in the following area:
- Datum RAF Shawbury 524713N 0024019W (see map Annex A).
 - Two runs at 5,000 ft between the radar overhead and 80nm, six runs at 5,000 ft between 40nm and 80nm and two runs at 20,000 ft between the 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

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and 80nm. All runs within an arc between radials 270°T anticlockwise to 155°T. Up to two 10nm orbits at 4,000 ft on RAF Shawbury QNH.

- c. Operational constraints require a maximum of 5° of drift angle to maintain a known antenna pattern, hence the 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 authorities will provide control for the event:

- a. Swanwick (Mil) West Supervisor.

Tel: 01489 612417; DFTS: (9) 5586 2417.

- b. SATCO RAF Shawbury.

Tel: 01939 250351 ext 7232; DFTS: (9) 5531 7232.

- c. Aberporth Air Control.

Tel: 01239 813219 or 813519; DFTS: (9) 214811 3219/3519.

AIRCRAFT

9. The Beech King Air B200 will be used to conduct this calibration.

CO-ORDINATION ARRANGEMENTS

10. **Operating Authority.**

- a. ACN 2015-00-0136 must be quoted in all instances.
- b. Non-Deviating Status has been requested and is approved for those parts of the calibration within controlled airspace.
- c. The sponsor/aircraft captain is requested to telephone the Swanwick (Mil) West Supervisor and SATCO RAF Shawbury prior to departure, giving full details of the flight profile.
- d. For those runs on radials to the west or southwest, the sponsor/aircraft captain is requested to also telephone Aberporth Air Control, giving full details of the flight profile.