

SAFETY AND AIRSPACE REGULATION GROUP

ACTIVITY No 2015-00-0461

2 January 2015

See Distribution



AIRSPACE CO-ORDINATION NOTICE

RAF WITTERING 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.

ACTIVITY

2. RAF Wittering 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. Intermediate Flight Levels may be flown (eg. FL 83, FL 192 etc).
- c. Radar head 339 ft amsl.
- d. '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 event will take place in the following area:

- a. Datum: RAF Wittering 533647N 0002834W (see map Annex A).
- b. Three runs at each level, within an arc between 360°T clockwise to 095°T from the radar overhead to 60nm from the radar. Calibration runs will largely be

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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flown on a single, preselected radial between 30nm and 60nm from RAF Wittering.

- c. On each calibration at least one radial will need to be flown from 60nm on the selected radial through the overhead to 10nm beyond the overhead on an uninterrupted run.
- d. 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) East Supervisor.

Tel: 01489 612408; DFTS: (9) 5586 2408.

- b. Below 10,000 ft - SATCO RAF Wittering.

Tel: 01780 783838 ext 7001; DFTS: (9) 5351 7001.

AIRCRAFT

9. One Beech King Air B200 or B350.

CO-ORDINATION ARRANGEMENTS

10. **Operating Authority:**

- a. ACN 2015-00-0461 must be quoted in all instances.
- b. The sponsor/ aircraft captain is requested to telephone the Swanwick (Mil) East Supervisor and SATCO RAF Wittering prior to departure, giving full details of the flight profile.
- c. It is the responsibility of the aircraft captain/sponsor to obtain clearance into/suppression of Danger/Prohibited/Restricted Areas affected by the activity.
- d. The activity penetrates the Lincolnshire AIAA.
- e. The aircraft will operate on M3 SSR 0024 at all levels.