

SAFETY AND AIRSPACE REGULATION GROUP

ACTIVITY No 2015-00-0111

2 January 2015

See Distribution



AIRSPACE CO-ORDINATION NOTICE

DEADWATER FELL (SPADEADAM) MSSR CALIBRATION

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 the earlier issued ACN 2014-00-0111, which may now be destroyed.

ACTIVITY

2. Calibration of the Deadwater Fell (Spadeadam) MSSR.

DATES

3. This ACN is valid until further notice.

TIMES

4. As required. The calibration is expected to take place between 0800 and 1800 (local).

VERTICAL LIMITS

5. The following vertical limits apply to this calibration:
- Radial runs at 5,000 ft, 10,000 ft and 20,000 ft above radar head, $\pm$ 'D' value. Orbits at 4,000 ft above radar head, $\pm$ 'D' value.
 - Radar head 1,928 ft amsl
 - '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 calibration will take place in the following area:
- Datum: Deadwater Fell, Northumberland 551600N 0023500W (map Annex A).
 - A radial between 350°T clockwise to 150°T (dependant on wind direction), between the radar overhead and 80nm. Up to 6 runs inbound and 6 runs outbound at each level. Up to two 10 nm orbits will also be flown.

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 to maintain a known radar cross section, hence aircraft captain may request, permitting Air Traffic Control conditions, 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 agencies will provide control during the calibration:
 - a. Swanwick (Mil) North Supervisor.
Tel 01489 612943. DFTS (9) 586 5430.
 - b. Swanwick (Mil) East Supervisor.
Tel 01489 612408. DFTS: (9) 5586 2408.
 - c. ATC RAF Spadeadam.
Tel: 01697 749485; DFTS (9) 5814 6385.

AIRCRAFT

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

CO-ORDINATION ARRANGEMENTS

4. **Operating Authority.**
 - a. ACN 2015-00-0111 must be quoted in all instances.
 - b. Prior to departure, the sponsor/aircraft captain is required to telephone the Swanwick (Mil) North Supervisor, and RAF Spadeadam (01697 747321 ext 6386/6388; DFTS: (9) 5814 6386/6388), giving full details of the flight profile.
 - c. Depending on the selected radial, the sponsor/aircraft captain is required to also contact ATC Newcastle (0191 214 3244) and/ or Aberdeen ATSU/ Anglia Radar (01224 727160), giving details of the 5,000 ft and 10,000 ft runs.
 - d. Non-Deviating Status is approved for flight whilst within Controlled Airspace and SSR Code 0024 is approved for use, whilst on task, throughout the calibration.
 - e. Temporary Reserved Areas (TRA) - the 20,000 ft runs may penetrate TRA 005, 006 and 007. The aircraft captain/sponsor is responsible for complying with the access requirements specified in UK AIP ENR 1.1.5, paragraph 1.5.