

SAFETY AND AIRSPACE REGULATION GROUP

ACTIVITY NO: 2014-00-0006

01 Sep 2014

See Distribution



AIRSPACE CO-ORDINATION NOTICE

SENTINEL / ASTOR TRAINING FLIGHTS IN UK AIRSPACE OUTSIDE OF ASTOR TRAINING AREAS (WEST WALES)

References:

- A. MAA ATM RA 3006
- B. MAA ATM RA 3033 (3)

ALL TIMES UTC

INTRODUCTION

1. In accordance with Reference A, SARG has agreed the following measures with the organiser and airspace controlling authorities to accommodate the subject Unusual Aerial Activity.

OVERVIEW

2. A Sentinel R Mk 1 aircraft, will conduct trials and training exercises using the Sentinel (formerly known as ASTOR) Dual Mode Radar system, which will involve the aircraft radiating. Therefore, in accordance with the current Release to Service, separation standards outlined at para 8 will apply. Due to the positioning of ground stations the trials cannot always be carried out within the published Astor training Areas. To that end the sponsor has requested to operate in the area detailed at Para 5.

DATES AND TIMES

3. Flights occur regularly and will be notified by the Sponsor with 24hrs notice.

VERTICAL LIMITS

4. Flight Profile. The Sentinel will launch from RAF Waddington (EGXW), RAF Cranwell (EGYD) or other RAF airfields as required, and transit to the operating area climbing to FL410-FL450¹, as agreed with the controlling authority, in order to commence a series of racetracks or other orbit patterns as required.

EXERCISE AREA / COORDINATES

5. The aircraft will execute a flight profile between designated points within the area bounded by 5100N 00345W, 5220N 00345W, 5220N 00000W and 5100N 00000W as shown in Red at Annex A. To provide Sentinel platforms with a degree of tactical flexibility, the box

¹ Initial climb will be with Swanwick(Mil), likely remaining clear of the operating area until above FL350.

Civil Aviation Authority

CAA House, 45-59 Kingsway, London, WC2B 6TE www.caa.co.uk
Telephone 0207 453 6599 DFTS (9) 6453 ext 6599 Fax 0207 453 6583
Email ausops@caa.co.uk

is broken down into 24 alphabetically labelled points as per Table 1 below. These points can be used to delineate the turning points of a prospective Sentinel orbit area.

	003 15W	002 40W	002 05W	001 35W	001 05W	000 30W
52 05N	A	B	C	D	E	F
51 50N	G	H	I	J	K	L
51 35N	M	N	O	P	Q	R
51 18N	S	T	U	V	W	X

Table 1

OPERATING AUTHORITY / SPONSOR

6. Point of Contact/Sponsor

5(AC) Sqn Ops Officer
RAF Waddington
Lincolnshire
LN5 9NF

Mil: 95771 8484
Tel: 01522 728484

CO-ORDINATION & CONTROL ARRANGEMENTS

7. Communications. Swanwick(Mil) will control the aircraft during initial climb and during recovery to RAF Waddington (non-radiating at this stage) and whilst in the Operating Area.

8. Co-ordination and NDS. The aircraft is not RVSM compliant however, **when radiating, the minimum separation requirement is 1500 ft² vertically (above and below) or 5NM horizontally**, therefore, ATC clearance is to be obtained **before** the aircraft begins radiating. On activation of this ACN, **the aircraft is afforded non-deviating status for this activity whenever possible**. Sentinel crews are reminded that the NWMTA is not segregated for this activity and other non-participating military aircraft could be encountered.

9. ACN Activation. The Sponsor/crew captain is to telephone the Swanwick(Mil) West Bank Supervisor on 01489 612417 at least 24hrs prior to the intended activity to activate this ACN. The Swanwick(Mil) West Bank Supervisor will, in turn, forward this information to the LAC Swanwick Watch Manager.

AERONAUTICAL PUBLICATIONS

10. Airspace Regulation will issue a Rad Haz NOTAM for the NWMTA element of this activity if requested by the sponsor with 24hrs notice.

AMENDMENT ACTION

11. Proposed amendments to the content of this ACN should be coordinated with Airspace Regulation on Tel: 0207 453 6599 or by email to ausops@caa.co.uk quoting the activity number at the top of page. This ACN is valid until further notice.

A J BIGGS
Sqn Ldr
Airspace Regulator
Civil Aviation Authority

² The vertical separation requirement is reduced from 3000ft to 1500ft iaw the current Sentinel R Mk1 Release to Service.