Directorate of Airspace Policy

All NATMAC Representatives

DAP/FI2008

4 March 2008

NATMAC INFORMATIVE LETTER

Dear Colleague,

ESTABLISHMENT OF RESTRICTED AIRSPACE (TEMPORARY) (RA(T)) IN THE VICINITY OF FARNBOROUGH AIRPORT

Farnborough Airport Ltd have undertaken a review of local airspace arrangements in anticipation of this year's Society of British Aerospace Companies (SBAC) display (7-20 July 2008).

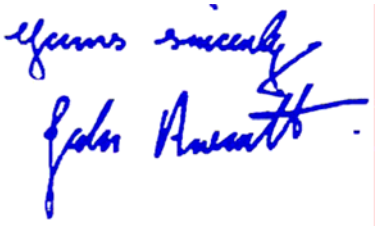
The review sought to determine an optimum temporary airspace structure that would accommodate the disparate requirements of aircraft participating in the event and those wishing to transit local airspace during the display period whilst providing a safe and flexible operating environment. Farnborough undertook broad consultation encompassing all interested parties, and no objections to their proposals were lodged.

RA(T)s have been traditionally established to facilitate safe aircraft operations in the Farnborough area in support of previous displays. Class D airspace and 'Do Nothing' options had been considered by Farnborough; the former was discounted as being too complex and potentially too restrictive, whilst the latter would not assure safety for all aircraft throughout the Display period. The sponsor concluded that the establishment of a RA(T) within Class G airspace was the only practical and justifiable option that would afford the appropriate level of protection for participating display aircraft with the least impact upon other traffic. The outcome of the airspace management review is that it is intended to introduce a RA(T) during the period of the SBAC display. The vertical and lateral extents of the RA(T) and their activity times are shown at Enclosure 1.

I am satisfied that the proposal seeks the minimum amount of RA(T) necessary to meet the operational requirement. The design is primarily based on that of the successful 2006 SBAC display and facilitates ongoing operations at adjacent aerodromes through flexible RA(T) sector activation times. Letters of Agreement with local airspace users have been drawn up where necessary, and the change sponsor assures access to the RA(T) by all airspace users, subject to the overriding constraint of maintaining a high level of safety for all airspace users.

As the change is of a temporary nature and with precedent, and represents a flexible approach to accommodating distinct aircraft operations, I have decided that formal consultation with NATMAC is not necessary. Accordingly, I intend to implement these changes on 22 May 2008

through the publication of an Aeronautical Information Circular. If you have any queries concerning the detail of this proposal your points of contact should either be Dean Miller, Controlled Airspace Section (Ext 6554) or Matt Lee, Airspace Utilisation Section (Ext 6587) here at CAA House.



J R D Arscott
Director

Enclosure:

1. Restricted Airspace (Temporary) Farnborough International Airshow 7-21 Jul 08.

NATS

Farnborough International RA(T) 7th – 20th July 2008

www.nats.co.uk

RA(T) FOR FI 2008

The Farnborough International Air Show will take place during the period Mon 7 Jul 2008 to Tue 22 July 2008. In order to provide a 'known traffic' environment between these dates, Farnborough International is requesting that Restricted Airspace (Temporary) [RA(T)]is established at specific times.

Feedback from FI2006 indicated no serious problems from other users with this RA(T) package, so it is proposed that no changes to dimensions are made for FI2008. Any suggestions made during planning meetings will be seriously considered.

The airspace is designed in two separate 'packages', Areas 1 to 7 to provide a 'known traffic' environment at all times when there is expected to be validation or display flying traffic in addition to 'normal' TAG traffic, and the other (Areas 8 and 9) to accommodate TAG traffic plus customer demonstrations during display week (Mon 14th – Sun 20th July) mornings and evenings. Areas 8 & 9 are also requested on Sun 13 Jul (as there is a perceived need for further validations) and Mon 21 July (main fly away day), when there will again be combined Farnborough International and TAG traffic, but in this case no display flying. On the second flyway day Tue 22 Jul, it is anticipated that most traffic FI will already have departed thus there is no case for RA(T).

We would request that the notification of these two 'packages' (if accepted) be carried out using separate maps rather than one map to cover all areas.

It is not the intention of Farnborough ATC that traffic will be prevented from entering the RA(T). This type of airspace is intended to create a 'known traffic' environment during periods of temporarily increased aviation activity where the airspace is normally class 'G', thus providing safety benefits for all airspace users.

Nothing shall prevent any aircraft or flying machine (including balloons and gliders) from penetrating this airspace provided the pilot:-

Requests permission to enter the RA(T) on the notified frequency.

Listens out on that frequency whilst inside the RA(T).

Obeys any ATC instructions which are passed to them.

Advises ATC if an instruction will entail them not flying in accordance with their licence or the aircraft's limitations.

MAIN RA(T) AREAS ALL TIMES UTC

AREA '1'

Co-ordinates:
A circle 8nm radius centred on the Farnborough ARP 511633N 0004635W, but excluding:
Part of Fairoaks ATZ, part of Heathrow Control Zone and Blackbushe and Odiham ATZs.

Vertical extent:
Surface to base of controlled airspace ie partly 2500ft; mainly 3500ft and partly 5500ft.

Hours of operation:		**Remarks:**
07 – 11 Jul	0800 - 1800	Arrivals, Rehearsal/Validation flying and TAG traffic
12 Jul	0800 – 1200	Validation flying reserve day #1 – activated by NOTAM
14 – 17 Jul	1230 – 1600	Trade Day displays
18 Jul	1215 – 1615	Youth Day display
19/20 Jul	1115 – 1645	Public Day displays

AREA '2'

Co-ordinates:
5115.23N 00034.22W to 5116.80N 00028.84W to 5120.22N 00031.21W to 5120.23N 00035.06W clockwise around an 8nm circle centred on 511633N 0004635W to 5115.23N 00034.22W

Vertical extent:
1500ft amsl to base of controlled airspace (2500ft amsl)

Hours of operation:		**Remarks:**
07 – 11 Jul	0800 – 1800	All days ex 12 Jul. as per Area 1
14 – 17 Jul	1230 – 1600	
18 Jul	1215 - 1615	
19/20 Jul	1115 – 1645	

AREA '3'

Co-ordinates:
5112.82N 00057.62W to 5108.95N 00059.00W to 5106.88N 00048.54W to 5109.70N 00041.00W clockwise around a circle 8nm radius centred on 511633N 0004635W to 5112.82N 00057.62W
Vertical extent:
2500ft amsl to base of controlled airspace (mainly 5500ft but part 3500ft)

Hours of operation:	**Remarks:**
As per Area 2	As per Area 2

AREA '4'

Co-ordinates:
5108.95N 00059.00W to 5105.91N 00100.37W to 5106.91N 00048.43W to 5108N 00059.00W

Vertical extent:
3500ft amsl to base of controlled airspace (5500ft)

Hours of operation:

As per Area 2

Remarks:

As per Area 2

AREA '5'

Co-ordinates:
5112.82N 00057.62W clockwise around a circle 8nm radius centred on 511633N 0004635W to 5123.19N 00053.81W to 5124.47N 00100.00W to 5118.18N 00101.58W to 5112.82N 00057.62W

Vertical extent:
2500ft amsl to base of controlled airspace (5000 ft and partly 3500ft)

Hours of operation:
As per Area 2

Remarks:
As per Area 2

AREA '6'

Co-ordinates:
5124.47N 00100.00W to 5118.18W 00101.58W to 5125.05N 00108.15W to 5124.47N 00100.00W

Vertical extent:
3500ft amsl to base of controlled airspace

Hours of operation:
As per Area 2

Remarks:
As per Area 2

AREA '7'

Co-ordinates:5125.05N 00108.15W to 5112.82N 00057.62W to 5105.32N 00100.37W to 5125.05N 00108.15W

Vertical extent:
4500ft amsl to base of controlled airspace (5000ft/5500ft)

Hours of operation:
As per Area 2

Remarks:
As per Area 2

REDUCED RA(T) AREAS ALL TIMES UTC

AREA '8'

Co-ordinates:
Circle radius 5nm centred on 511633N 0004635W but excluding the the Blackbushe ATZ* and excluding a small portion of the Odiham ATZ*.

Vertical extent:
Surface to 1500ft amsl

Hours of operation:		**Remarks:**
13 Jul	1300 – 1600	Validation Flying reserve day #2 activated by NOTAM*(Times not confirmed.)
14 - 17 Jul	0700 – 1230 & 1600 – 1900	Customer demonstrations, TAG traffic and FI visitors.
18 Jul	0700 – 1215 & 1615 - 1800	Ditto
19 & 20 Jul	0700 – 1115 & 1645 – 1800	Ditto
21 Jul	0700 – 1600	TAG traffic and FI departures.

AREA '9'

Co-ordinates:5116.80N 00028.84W to 5109.24N 00051.61W clockwise round an 8nm circle centred on 511633N 0004635W to 5117.49N 00059.06W to 5122.42N 00044.06W to 5121.09N 00042.92W to 5120.28N 00038.13W to 5120.24N 00031.22W to 5116.80N 00028.84W

Vertical extent:
1500ft amsl to base of controlled airspace (2500ft/3500ft/5500ft)

Hours of operation:	**Remarks:**
As per Area 8	As per Area 8

* We will agree procedures with Blackbushe/Odiham re penetration of areas 8 and 9.

Restriction of Flying Regulations Farnborough International 7th – 20th July 2008

RESTRICTION OF FLYING REGULATIONS
FARNBOROUGH INTERNATIONAL **7th - 20th JULY 2008**

VERTICAL EXTENT

Upper Limit is Base of Controlled Airspace (BoCAS)

1	SFC-BoCAS
2	1500'ALT-BoCAS
3	2500ALT-BoCAS
4	3500'ALT-BoCAS
5	2500'ALT-BoCAS
6	3500'ALT-BoCAS
7	4500'ALT-BoCAS

ACTIVITY TIMES (UTC)

The above areas are activated as follows-

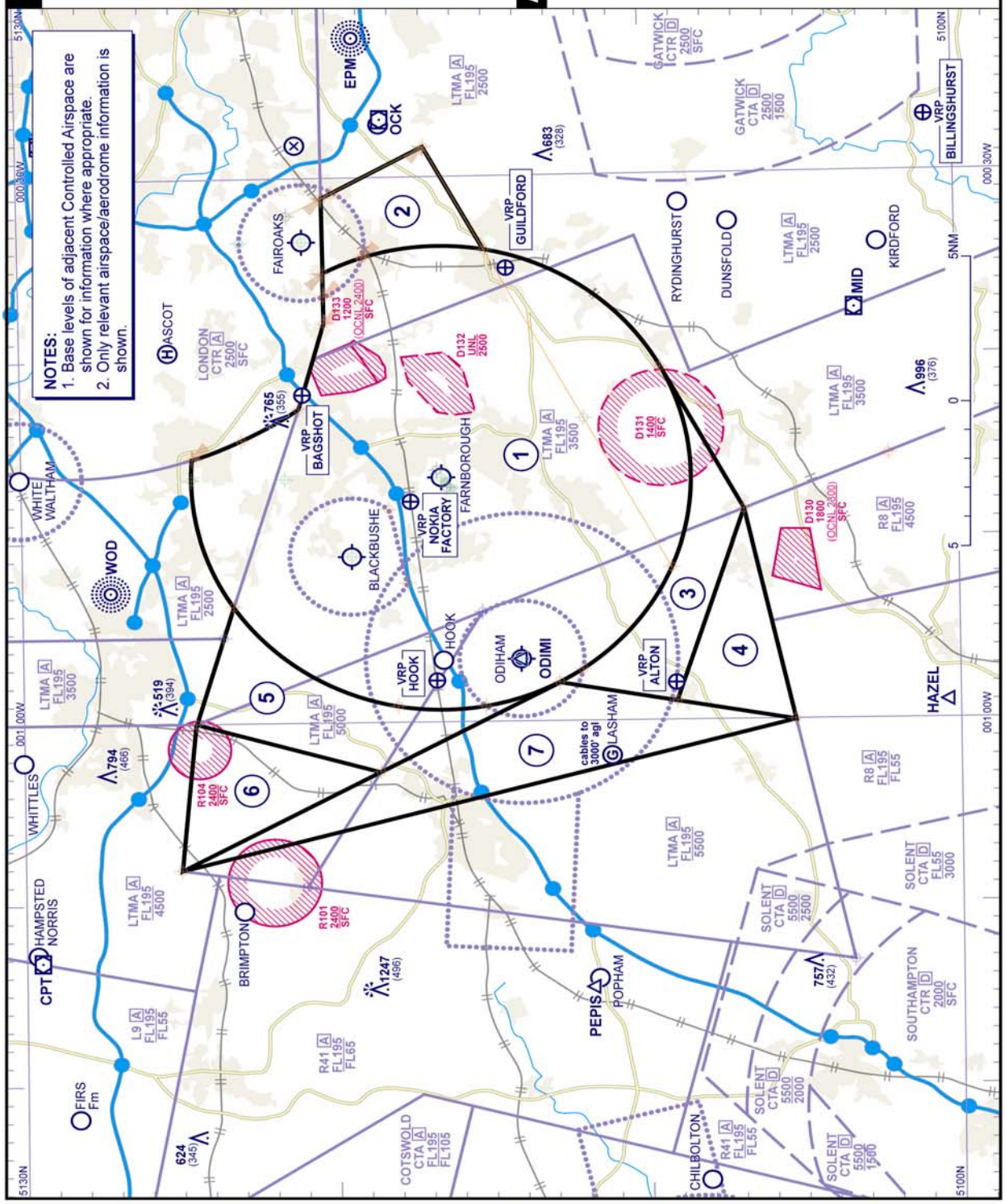
7-11Jul: 0800-1800: All areas.

12 Jul: 0800-1200: Area 1

14-17 Jul: 1230-1600: All areas.

18 Jul: 1215-1615: All areas.

19-20 Jul: 1115-1645: All areas.



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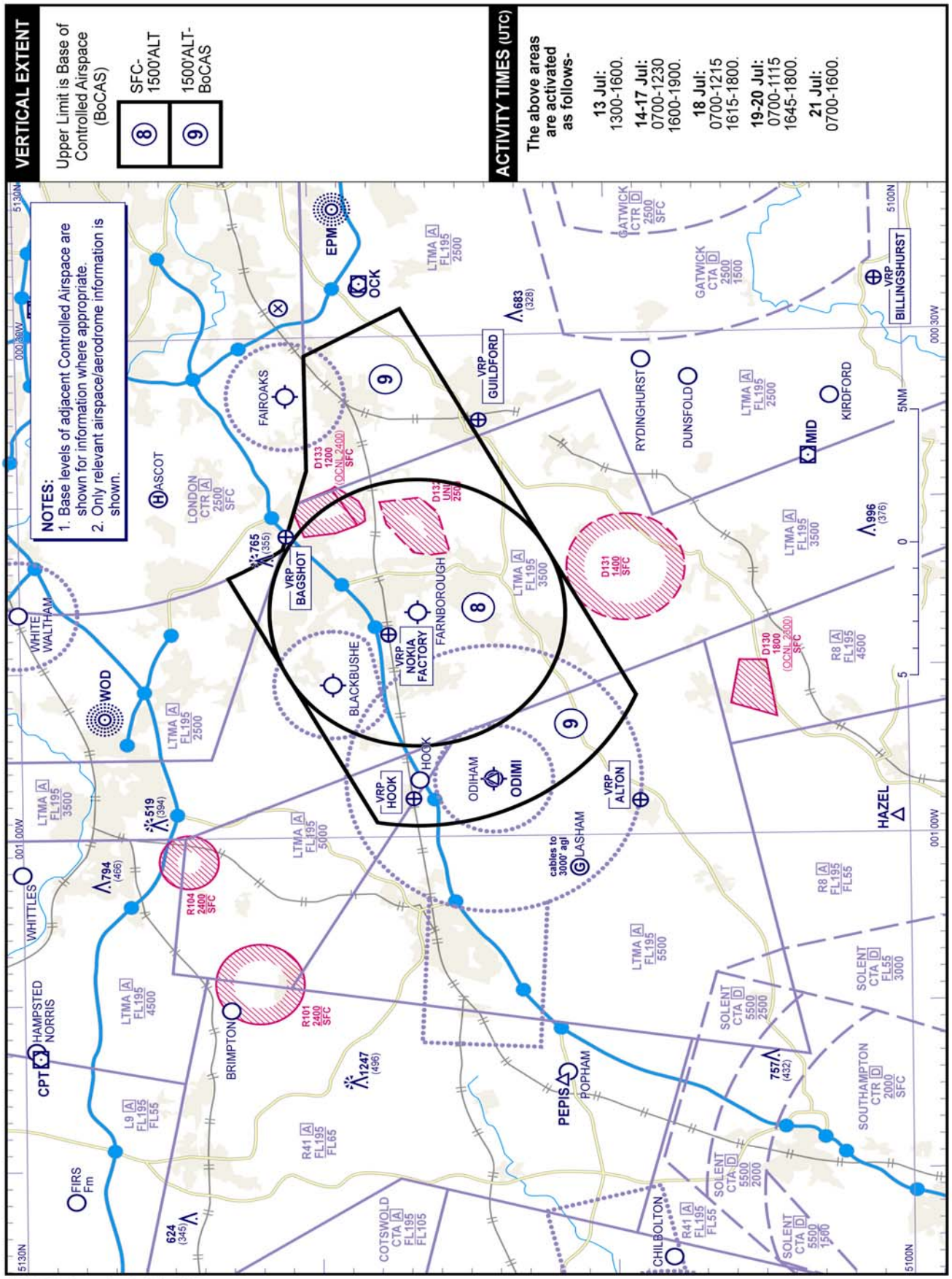
SEE ALSO 2nd MAP FOR PERIOD 13-21 JULY

Restriction of Flying Regulations Farnborough International 13th – 21st July 2008

RESTRICTION OF FLYING REGULATIONS
FARNBOROUGH INTERNATIONAL **13th - 21st JULY 2008**



SEE ALSO MAP FOR PERIOD 7-20 JULY