

# London 2012- Olympic Games and Paralympics

Airspace and Airports overview



## Agenda

- London 2012- David Hill
- Airspace- David Hill
- Declared Capacity/level 3 Coordination- small London airports- David Hill
- London Stansted and London Luton Airports- Tracey Buckmaster
- London Gatwick & London City Robert Kensey
- London Heathrow- Ingrid Hainy
- London Heathrow –Airport Planning team- Sarah
   Whitlam & John Bliss



- To accommodate all Olympics related demand Safely and Securely.
- Contribute to a positive experience.
- Limit disruption to business as usual.





- No new airport provision
- Heavy use of existing airport and airspace capacity
- Working within market-based system
- Uncertain demand and late decision-making



### **Airports Demand/Capacity Study**

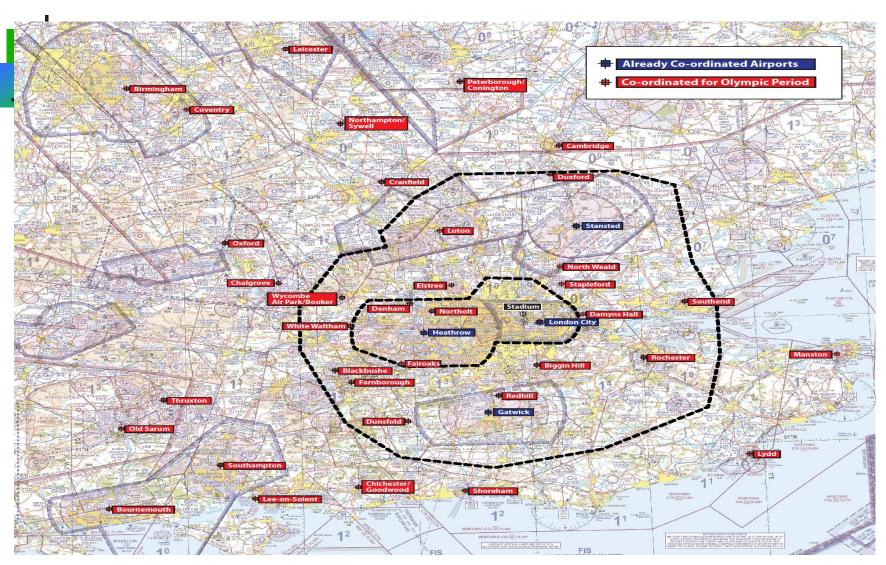
- 500,000 + international visitors
- Most travel on scheduled air services
- But additional demand estimated to translate into
  - 700 extra charter flights
  - Over 3,000 extra business jet movements
  - 240 state flights
- Peaks around Olympics opening and closing ceremonies
- Can be accommodated, but <u>only if</u>
  - Use all available capacity, including smaller airfields for business jets
  - Manage capacity efficiently





- No IFR arrivals or IFR departures without pre-booked slot
- Implemented by ACL within EU and UK rules
- Covers 40 airports with potential to impact on South East controlled airspace
- Linked to Eurocontrol acceptance of flight plans







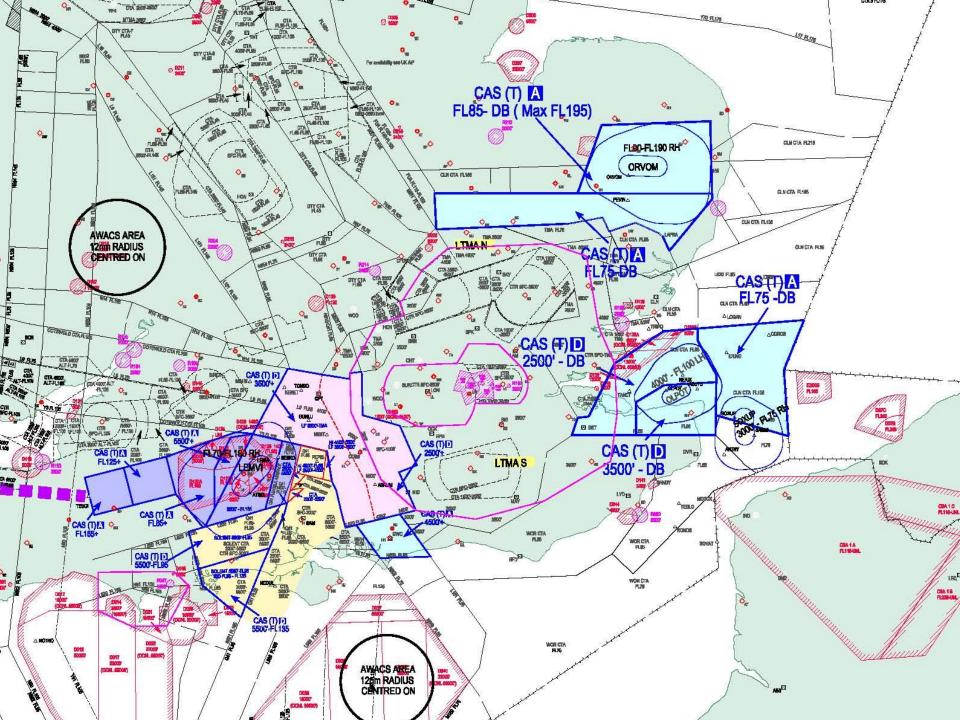
### Airports Open for Bookings

- Biggin Hill, Blackbushe, Bournemouth, Cambridge, Chalgrove, Coventry, Cranfield, Damyns Hall, Denham, Dunsfold, Duxford, Elstree, Fairoaks, Farnborough, Goodwood, Lee-on-Solent, Leicester, Lydd (London Ashford), London Oxford, Manston, Northampton, Northolt, North Weald, Old Sarum, Peterborough (Conington), Redhill, Rochester, Shoreham, Southampton, Southend, Stapleford, Thruxton, White Waltham, Wycombe
- Opening for Bookings:
- 1st September 2011
- Gatwick as per UK AIP (AD2.20 1h)
- Stansted & Luton 30<sup>th</sup> November 2011
- Birmingham & London City 1<sup>st</sup> February 2012





- Wide range of airports available
  - www.airspacesafety.com/olympics
  - www.online-coordination.com
- Book early -slots bookable from Autumn 2011
- Head of State flights will require Slots book early
- Slot bookings essential –and will be enforced





	Day of	Capacity Declaration: Max Runway Movements per Hour (IFR into Controlled Airspace) Total / Arrivals / Departures																							
Airport	Day of Week	0000-0059	0100-0159	0200-0259	0300-0359	0400-0459	0500-0559	0600-0659	0700-0759	0800-0859	0900-0959	1000-1059	1100-1159	1200-1259	1300-1359	1400-1459	1500-1559	1600-1659	1700-1759	1800-1859	1900-1959	2000-2059	2100-2159	2200-2259	2300-2359
Biggin Hill	All	0	0	0	0	0	0	6/3/3	10/6/6	21/12/12	21/12/12	21/12/12	21/12/12	21/12/12	21/12/12	21/12/12	21/12/12	21/12/12	21/12/12	21/12/12	21/12/12	21/12/12	18/12/6	0	0
Disabbusha	Mon-Fri	0	0	0	0	0	0	0	5/5/5	8/5/5	10/6/6	10/6/6	10/6/6	10/6/6	10/6/6	10/6/6	10/6/6	10/6/6	10/6/6	10/6/6	10/6/6	4/3/4	4/3/3	0	0
Blackbushe	Sat-Sun	0	0	0	0	0	0	0	2/2/1	8/5/5	10/6/6	10/6/6	10/6/6	10/6/6	10/6/6	10/6/6	10/6/6	10/6/6	10/6/6	10/6/6	10/6/6	2/2/1	2/2/1	0	0
Bournemouth	All	2	1	1	1	3	2	7/3/4	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10	6/4/2	2	2
Cambridge	All	4/2/2	4/2/2	4/2/2	4/2/2	8/4/4	8/4/4	10/6/6	10/6/6	10/6/6	10/6/6	10/6/6	10/6/6	10/6/6	10/6/6	10/6/6	12/6/6	10/6/6	10/6/6	10/6/6	10/6/6	10/6/6	10/6/6	10/6/6	6/4/4
Chalgrove	All	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	1	0	1	0	0	0	0
Coventry	All	6/3/3	0	0	0	0	0	0	8/4/4	8/4/4	8/4/4	8/4/4	8/4/4	8/4/4	8/4/4	8/4/4	8/4/4	8/4/4	8/4/4	8/4/4	8/4/4	8/4/4	8/4/4	8/4/4	6/3/3
Cranfield	All	0	0	0	0	0	0	0	0	5/2/3	8/4/4	8/4/4	6/3/3	6/3/3	6/3/3	6/3/3	8/4/4	8/4/4	6/3/3	4/2/2	5/3/2	2/2/0	0	0	0
Damyns Hall	All	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Denham	All	0	0	0	0	0	0	0	2/1/1	3/2/2	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	2/1/1	4/2/2	2/1/1	2/1/1	0	0
Dunsfold	Mon-Fri	. 0	0	0	0	0	0	0	3/2/2	4/2/2	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	3/2/2	0	0	0
	Sat-Sun	0	0	0	0	0	0	0	2/2/1	4/2/2	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	2/2/1	0	0	0
Duxford	All	0	0	0	0	0	0	0	0	0	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	2/1/1	2/1/1	3/2/2	0	0	0	0
Elstree	All	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	0	0	1	1	1	0	0
Fairoaks	Mon-Fri	. 1	1	1	1	1	1	1	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	1	1	1	1
	Sat-Sun	1	1	1	1	1	1	1	2/2/1	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	1	1	1	1
Famborough	Mon-Fri	. 0	0	0	0	0	0	0	20/10/15	20/10/15	20/10/15	20/10/15	20/10/15	20/10/15	20/10/15	20/10/15	20/10/15	20/10/15	20/10/15	20/10/15	20/10/15	12/6/6	12/6/6	0	0
	Sat-Sun	. 0	0	0	0	0	0	0	0	20/10/15	20/10/15	20/10/15	20/10/15	20/10/15	20/10/15	20/10/15	20/10/15	20/10/15	20/10/15	20/10/15	20/10/15	0	0	0	0
Goodwood	All	1	1	1	1	1	1	1	1	2/1/1	2/1/1	2/1/1	2/1/1	2/1/1	2/1/1	2/1/1	4/2/2	2/1/1	2/1/1	1	2/1/1	1	1	1	1
Lee-on-Solent	All	. 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leicester	All All		0	0	0	0	0	0	0	0	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	0	0	0	0	0	0
London Luton Lydd (London Ashford)	All	2/1/1	14/14/14 2/1/1	14/14/14 2/1/1	14/14/14 2/1/1	14/14/14 2/1/1	14/14/14 2/1/1	36/32/24 4/2/2	36/32/24 4/2/2	36/32/24 8/4/4	23/23/14	30/30/19 10/5/5	30/30/19 8/4/4	23/23/14	30/30/19 8/4/4	30/30/19 8/4/4	30/30/19 8/4/4	23/23/14	23/23/14	30/30/19 4/2/2	30/30/19 8/4/4	30/30/19 4/2/2	23/23/14	23/23/14	14/14/14 2/1/1
Manston	All	4/2/2	4/2/2	4/2/2	4/2/2		6/4/2	6/4/2	6/4/2	8/5/3	12/7/5	12/7/5	10/6/4	10/6/4	10/6/4	10/6/4	12/7/5	12/7/5	8/5/3	8/5/3	10/6/4	10/6/4	10/6/4	8/5/3	4/2/2
	All	0	0	0	0	4/2/2	0 0	0 4/2	0 4/2	2/1/1	2/1/1	2/1/1	2/1/1	2/1/1	2/1/1	2/1/1	2/1/1	2/1/1	2/1/1	1	2/1/1	2/1/1	0	0	0
Northampton	All	. 0	0	0	0	0	0	0	0	2/1/1	4/2/2	4/2/2	2/1/1	2/1/1	2/1/1	2/1/1	4/2/2	2/1/1	2/1/1	2/1/1	2/1/1	2/1/1	2/1/1	0	0
Northolt	All	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	8/4/4	10/5/5	10/5/5	8/4/4	8/4/4	8/4/4	8/4/4	10/5/5	10/5/5	8/4/4	8/4/4	8/4/4	8/4/4	8/4/4	4/2/2	4/2/2
Old Sarum	All	0	0	0	0	0	0	0	0	1	2	1	1	1	1	1	2	1	1	0	1	1	1	0	0
Oxford	All	0	0	0	0	0	0	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3	6/3/3
Peterborough	All	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Redhill	All	0	0	0	0	0	0	0	0	1	2	2	1	1	1	1	2	2	1	0	2	1	0	0	0
Rochester	All	0	0	0	0	0	0	0	0	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	3/2/2	2/1/1	4/2/2	4/2/2	2/1/1	2/1/1	2/1/1
Shoreham	All	1	1	1	1	1	1	1	1	1	2/1/1	1	1	1	1	1	2/1/1	1	1	0	1	1	1	1	1
Southampton	All	0	0	0	0	0	0	22/14/14	22/14/14	22/14/14	22/14/14	22/14/14	22/14/14	22/14/14	22/14/14	22/14/14	22/14/14	22/14/14	22/14/14	22/14/14	22/14/14	22/14/14	22/14/14	22/14/14	12/7/7
Southend	All	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	4/2/2	10/5/5	20/10/10	20/10/10	20/10/10	20/10/10	20/10/10	20/10/10	20/10/10	20/10/10	20/10/10	20/10/10	20/10/10	20/10/10	20/10/10	20/10/10	20/10/10	20/10/10	4/2/2
Stapleford	All	0	0	0	0	0	0	0	1	2/1/1	4/2/2	4/2/2	2/1/1	2/1/1	2/1/1	2/1/1	4/2/2	4/2/2	2/1/1	1	2/1/1	4/2/2	0	0	0
Thruxton	All	0	0	0	0	0	0	0	0	1	2	2	1	1	1	1	2	2	1	0	1	0	0	0	0
White Waitham	All	0	0	0	0	0	0	0	0	1	2	2	1	1	1	1	2	2	1	0	1	0	0	0	0
Wycombe	All	1	1	1	1	1	1	1	1	2/1/1	6/3/3	6/3/3	4/2/2	4/2/2	4/2/2	4/2/2	6/3/3	6/3/3	4/2/2	2/1/1	4/2/2	4/2/2	1	1	1

1) All capacities subject to airports individual operating constraints and locally agreed restrictions

<sup>1)</sup> All existing Level 3 contributed alignors assumed to be operating on the same basis as Summer 2011 that flights will remain solely under the control of ATC Manston and outside of NATS Controlled airspace.

3) Manston and NATS are considering the allocation of further slots for IPR fairing subject to assurance and discussions with NATS

4) The declaration for North Western daily the revised following development of STAR and 50 procedures and discussions with NATS

5) The declaration for Cambridge may be revised blowing a decision on directional solts

6) Covernly Alphor are seeking an increase of 4 slots per four although any increase is subject to the results of a NATS simulation to be undertaken during October 2011



## STANSTED & LUTON

Tracey Buckmaster





### Airport Peak Hours

#### **Stansted**

Departures 0500z through to 0615z

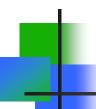
Arrivals 2100z through to 2230z

#### **Luton**

Departures 0500zthrough to 0730z and2100z to 2230z

Arrivals 0545z through to 0645z





## Night Restrictions

#### **Stansted**

- No QC 4 and above aircraft scheduled in the night quota period
- QC/night movements currently available

#### **Luton**

- No QC 4 and above aircraft scheduled in the night quota period
- No QC/movement restriction in place



#### **Stansted**

- Business as usual load factors raised from 23<sup>rd</sup> July 14<sup>th</sup> August
- Ad hoc requests accepted from 1<sup>st</sup> September, confirmed from 30<sup>th</sup> November. Slots requested after 31<sup>st</sup> December 2011 will be subject to operational evaluation
- Team flights will require secondary approval from the airport
- Handling agents Servisair, Menzies and Swissport

PLEASE ENSURE HANDLING IS SECURED FOR THE OLYMPICS AND REQUESTS ARE MADE AS SOON AS POSSIBLE



## Luton

- Ad hoc requests accepted from 1<sup>st</sup> September, confirmed from 30<sup>th</sup> November
- > **Short runway** 2160m
- Large Aircraft limitation A346, A380 and 777-300, cannot be accommodated under any circumstances
- Handling agents Servisair and Menzies

PLEASE ENSURE HANDLING IS SECURED FOR THE OLYMPICS AND REQUESTS ARE MADE AS SOON AS POSSIBLE



# Olympics at Gatwick and London City

Robert Kensey
Coordination Manager
LGW, LCY, SOU, JER



## Olympics at Gatwick

- Business as usual:
- Lower capacity declaration for the Olympic period.
- Ad hoc slot requests processed after 31<sup>st</sup> January.
- Traffic distribution rules apply at Gatwick:
  - Freighter slots booked 21 days in advance for hours of peak congestion
  - General aviation booked 10 days in advance.
- Olympics specific flights for teams / official flights will require secondary approval from airport.
- Additional fights during the night period may be permitted once demand has been clarified.
- Additional



## **Gatwick Capacity**

#### Summer 2012 Olympic Period Capacity Declaration: 21st July to 15th August 2012

	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	15 hr	17 hr
Capacity 2012	51	49	51	51	46	52	52	50	50	51	48	53	52	52	48	43	41	756	840
Olympic reductions	-3			-3	-4								-1	-3	-6			-20	-20
Olympic restrictions	48	49	51	48	42	52	52	50	50	51	48	53	51	49	42	43	41	736	820



## Olympics at London City

- The closest airport to the venue
- No scheduling restrictions due to proximity to venue, currently no operational restrictions advised.
- Business as usual:
- No changes to operating hours.
  - Mon-Fri 0630L to 2200L
  - Sat 0630-1230L
  - Sun 1230-2200L
- All ad hoc request processed after 31<sup>st</sup> January, both business and general aviation and additional passenger flights.



## **Heathrow Airport**

Ingrid Hainy
LHR Coordination Manager



## Heathrow Airport 14<sup>th</sup> July- 14<sup>th</sup> September

- Business as usual
- 100% Load factors applied after the IATA conference
  - 1. Slots already confirmed are unaffected
  - 2.Change of Gauge where the seats are increased- referred to HAL after the IATA Conference for evaluation
- RWY Capacity reduction to 36 applied after the slot return deadline (31st January2012)
  - 1. Historics/Confirmed slots are unaffected





- ADHOC's- Heathrow will not be available for ADHOC flights.
- Special team Charters please use other London airports
- Heads of State Flights
  - please use other London airports and remember to reserve slots as early as possible.