

TAG Farnborough Airport

Farnborough Aerodrome Consultative Committee
TAG Information Report
March 2011



1. Aircraft Movements

- 1.1 TAG's planning permission up to and including 2010 allowed for 28,000 movements a year, of which up to 1,500 may be between 50 and 80 tons maximum take-off weight (MTOW). Following the acceptance of the TAG appeal on the 11th February 2011, 31,000 movements are now permitted for 2011 of which 5,500 are permitted on weekends and bank holidays. The restriction on aircraft movements between 50 and 80 tons remains unchanged.
- 1.2 The table below displays movements since the last meeting; the blue section of the table relates to the reporting period of this FACC report:

Month	Reported aircraft	50-80T	Weekend
January	1482	24	410
February	1837	14	481
March	2094	33	389
April	1549	41	320
May	2346	53	680
June	2515	59	528
July	2342	89	566
August	1873	71	521
September	2194	57	364
October	1768	53	290
November	1736	49	231
December	1775	42	215
January	1606	31	442
FACC Period Total	6885	175	1178
2010 Total	23511	585	4995

2. Noise monitoring

- 2.1 The fixed Noise Monitoring Terminals continue to operate from their locations on the approaches to runway 06 and 24. The portable noise monitor has recently been situated at Farnborough Abbey to monitor non Farnborough Airport related aircraft noise.
- 2.2 Noise modelling of actual movements from January to December 2010 and predicted movements for January to December 2011 was completed in early February and subsequently submitted to Rushmoor Borough Council in the Annual INM7 Noise Assessment Report 2010. Copies of the report were also supplied to Hart and Surrey Heath council, in accordance with the requirements of the Town and Country Planning Act Section 106 Agreement between TAG (as airport operator) and Rushmoor Borough Council (as planning authority).

The next report (the Interim INM7 Assessment 2011) will be submitted in mid August 2011 and will include actual contours for January to June 2011 and predicted contours for July to December 2011.

3. Air Quality Monitoring

- 3.1 Air quality monitoring continues at 13 locations in Rushmoor and Hart. All results from the monitoring devices continue to indicate that NO₂ levels in the monitored areas are below the limits specified in the Air Quality Regulations and show no indication of being significantly influenced by airport operations.
- 3.2 The active NO₂ monitoring devices (Learian Streetboxes) are in operation at their agreed location (Kempton Court and Farnborough College). Results from these units also show NO₂ levels that are well within the Air Quality Regulations.
- 3.3 During the most recent reporting period (October 10 – January 11) there has been one complaint relating to odour. The monitoring of Formaldehyde levels at a single location within the Airport boundary (over a 12 month period) is now complete; all relevant laboratory results have been submitted to Rushmoor Borough Council.

4. Runway Use

- 4.1 The predominant south westerly winds in the Farnborough area continued to favour use of runway 24 during October, November, and January, however high pressure during December resulted in both runway 06 and 24 being utilised more equally than is typically observed. All recorded runway use and operation (i.e. Departure or Arrival) figures for these months are detailed in the table below.

A number of helicopters are subject to different procedures to fixed wing aircraft and do not require the use of the runway and ILS navigational aids, they are therefore classified as a separate percentage. Percentages of helicopter movements that have made use of the runway are also detailed.

4.2 Percentage Runway use

	Farnborough		Fleet/C' Crookham			
Month	24 Arr	06 Dep	06 Arr	24 Dep	R/W Heli	ADM Heli
Oct 10	33	14	16	34	1	2
Nov 10	31	15	17	33	2	2
Dec 10	23	26	25	24	1	1
Jan 11	31	16	17	32	2	2

*to the nearest whole percent

R/W – Runway ADM - Aerodrome

5. Security

- 5.1 There have been no security incidents during the months of October, November, December and January.

6. New Development

- 6.1 On the 11th February 2011 a letter was received from the Secretaries of State confirming the planning permission had been granted for increased movements at TAG Farnborough Airport, following the appeal in 2010. As a result the overall cap of aircraft movements has been raised to 50,000, with 8,900 on weekends and bank holidays however, this will be granted in a phased approach over the next nine years. The permitted flight numbers of 2011 are 31,000 movements of which 5,500 are permitted on weekends and bank holidays.

The following table sets out the phasing up to 2019:

Year	Total	Weekend
2010	28,000	5000
2011	31,000	5500
2012	37,000	6600
2013	41,000	7300
2014	43,000	7600
2015	45,000	8000
2016	47,000	8250
2017	48,000	8500
2018	49,000	8750
2019	50,000	8900

- 6.2 A new Town and Country Planning Act Section 106 Agreement has been agreed and signed which sets out all existing and new obligations that are applicable following this decision.

7. Sustainability

- 7.1 Following the publication of the Sustainability and Climate Change Charter, the sections below summarise achievements and ongoing work in this sector.

Carbon Reduction

- Installation of PV array at Ively Gate completed in December 2010
- Application for registration to Government Feed in Tariff (FiT) submitted in February 2011
- Final draft of the TAG Farnborough Airport Management Plan completed
- TFA Sustainable Procurement Policy established, published within the Carbon Management Plan
- Application for *Airport Carbon Accreditation* - Level 2 (Reduction) scheduled for May 2011
- Conversion of N and D shed from heating oil to gas complete
- Wind Power Feasibility Report received for the Ively Gate study. Wind speeds confirmed as insufficient to generate financially viable levels of renewable electricity
- Continued installation of remote lighting sensors for intermittently occupied areas at the Fire Station and Hanger 1
- Trial of LED lighting initiated in Tower Building communal areas – potential for between 70 and 90% saving on electrical draw
- Continued liaison with Aeltari International concerning opportunities for large scale PV installation and generation of renewable energy within the time limits of the FiT scheme

Waste and Recycling

- “Waste by Weight” introduced by site service providers from Q2 2011 (general waste only), recycling to follow in 2012
- Recycling performance for 2010 confirmed at 35%, a 3% rise on 2009

8. Initiatives

- 8.1 Visits and tours undertaken at the airfield, hosted by TAG, since the previous meeting are displayed in the table below:

October	
05.10.10	Fleet Townswomen's guild
12.10.10	U3A Hartley Wintney
19.10.10	BCOT- Aviation Ops course
26.10.10	Rushmoor Borough Council Democratic Services
November	
02.11.10	Aldershot Underwood Bowling Club
09.11.10	North East Hampshire Ramblers Club
16.11.10	Aldershot Underwood Bowling Club
19.11.10	Mr and Mrs Plumbe
23.11.10	Probus
24.11.10	Basingstoke College of Technology (Presentation at the college)
30.11.10	Fleet Pond Society
December	
07.12.10	Fleet Pond Society
14.12.10	Seniors Coach Tour
21.12.10	Neighbour Watch
January	
04.01.11	KLM Retirees
11.01.11	Fosta Voluteeters
18.01.11	Farnborough Rotary Club
25.01.11	Cove Residence

9. Infringements

- 9.1 The table over leaf displays a breakdown of airport procedure infringements that have been recorded as a result of the TAG track auditing procedure. Number of flights investigated; number of operator responses received to those investigations; numbers confirmed as infringements (based on the response received and investigation of ATC tapes) and; percentage of the total number of flights that have been confirmed as infringements in each month period, are shown.

Period	Number of flights investigated	Number of responses received to date	Number confirmed as infringements	% of total flights each month	
				investigated	confirmed
Oct 10	2	2	2	0.10	0.10
Nov 10	4	4	4	0.21	0.21
Dec 10	12	8	7	0.65	0.38
Jan 11	2	0	0	0.13	0
Total	20	14	12	0.27	0.16

- 10.1 The standard procedure of aircraft track monitoring continues with all movements audited in terms of aircraft track and altitude profile. The recording and investigation of all complaints received at the airport continues using the dedicated complaint line (01252 526001) which is now accessible through the main TAG switchboard number.

To improve the ease with which members of the public can submit complaints or reports of airport activities that are of concern, a dedicated email address has been set up to operate in conjunction with the dedicated telephone line. The email address is complaints@tagfarnborough.com. Complaints received via this email address will be recorded and reported in the same way as with the telephone line however, it will allow for quicker responses to be submitted by return email.

- 10.2 All aircraft and associated operators that fail to follow mandatory procedures without prior authorisation from Air Traffic Control are subject to further investigation. The standard procedure of contacting aircraft operators and requesting acknowledgement and details of action implemented to mitigate breaches of procedure continues and its update to a faster and more efficient email based system is on-going.

On occasion, aircraft are permitted to deviate from mandatory procedures by ATC. This cancellation of noise abatement procedures is only ever initiated when the maintenance of safety margins demands. The number of noise abatement cancellations issued is being recorded and monitored using data provided by ATC.

- 10.3 Of the complaints received during the reporting period (October 10 to January 11), 40% were identified as relating to Chapter 4 certified aircraft. 54.3% of complaints in the reporting period were non-aircraft specific or related to aircraft types that are not subject to the Noise Chapter Scheme (e.g. helicopters, propeller aircraft). Aircraft types of Chapter 3 certification identified from complaints are marked on the FACC Complaints Report with an asterisk.

NB (percentages are calculated to the nearest whole percent)

- 10.4 Attached is the *Complaints Summary Table* for the period since the last FACC meeting along with a more detailed *Complaints Report* covering all complaints received; associated aircraft type and subsequent action taken by TAG in terms of a response.

Following a request submitted by a member of the FACC, the Complaints Report has been amended so that the date of all complaints, raised in reference to weekend activity, are hi-lighted in red.

Complaints Summary Table

Year	Month	Number of complaints	Number of complainants	Nature of Complaint				Number of complaints generated from non compliant flights ³	Number of complaints that related to specific TAG flights	Number of complaints that related to non TAG flights	Total number of reported movements	Number of non-authorized, non-compliant flights that generated complaints	Number of operator responses received to infringement letters
				flight specific noise	flight specific track	flight specific altitude	other ²						
2010	Oct	11	11	3	3	4	1	3 (3 auth)	8	3	1768	0	5
2010	Nov	15	12	7	3	3	2	1 (1 auth)	11	3	1736	0	7
2010	Dec	1	1	0	0	0	1	0 (0 auth)	0	1	1775	0	5
2011	Jan	8	7	4	1	1	2	0 (0 auth)	7	1	1606	0	10
2011	Feb ¹	5	4	0	2	2	1	0 (0 auth)	4	1	1770	0	5
Total		40	32	14	9	10	7	4 (4 auth)	30	9	8655	0	32

1. Up to and including 28th February 2011

2. Complaints that are in the 'other' category include non flight specific complaints regarding noise, track, altitude, size and frequency of aircraft in general; circling aircraft; out of hours aircraft movements; complaints relating to the Quiet flying program; reports of aircraft fumes / odours and any other non flight specific complaints (this list is not exhaustive).

3. Includes flights authorised by ATC to cancel noise abatement

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