

TAG Farnborough Airport

Farnborough Aerodrome Consultative Committee
TAG Information Report
July 2010



1. Aircraft Movements

- 1.1 TAG's planning permission allows for 28,000 movements a year, of which up to 1,500 may be between 50-80 tonnes maximum take-off weight (MTOW).
- 1.2 Movements from January 2010 are as follows:-

Month	Reported aircraft movements	50-80T movements	Weekend movements
January	1482	24	410
February	1837	14	481
March	2094	33	389
April	1549	41	320
May	2346	53	680
Period Total	7826	141	1870
2010 Total	9308	165	2280

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 Monitoring Terminal has most recently been located at local residential property in Farnborough.
- 2.2 Noise Modelling of actual movements from January to December 2009 and predicted movements for January to December 2010 was completed in early February of this year and subsequently submitted to Rushmoor Borough Council in the Annual INM Noise Assessment Report 2009. Copies of the report were also supplied to Hart and Surrey Heath councils 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 INM Assessment 2010) will be submitted in mid August 2010 and will include actual contours for January to June 2010 and predicted contours for July to December 2010.

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) however the Kempton Court monitor suffered sensor damage following the heavy snow fall in February. Once identified the monitor was sent for immediate repair and returned to its previous location once completed. The loss of data was reported to Rushmoor Borough Council as a part of the Quarterly Environment Report (Q1, January – March 2010). Results from these units also show NO₂ levels that are well within the Air Quality Regulations.
- 3.3 Following discussion with Rushmoor Borough Council and advice from TAG's Air Quality and Odour Consultants, TAG has produced an Odour Management Plan that was implemented in March 2010. The Management Plan seeks to review aspects of Airport Operations which can be developed to minimise the potential for odour issues to arise in the surrounding community. It also states the actions that will be taken on reception of odour and oily deposit specific complaints from local residents.
- 3.4 In accordance with the request from Rushmoor Borough Council TAG continues to undertake monitoring of formaldehyde at a single location within the airport boundary. All results are supplied on a monthly basis to Rushmoor Borough Council's Principal Pollution Officer.

4. Runway Use

- 4.1 The predominant south westerly winds in the Farnborough area continued to favour use of runway 24 during February, March, April and May however high pressure during February and May resulted in runway 06 being utilised for a greater percentage than is typically observed during other months. 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

Month	Farnborough		Fleet/C' Crookham		R/W Heli movements	ADM Heli movements
	24 Arr	06 Dep	06 Arr	24 Dep		
Feb 10	29	19	20	29	2	1
Mar 10	33	14	15	34	3	1
Apr 10	30	17	17	32	3	1
May 10	23	22	24	25	3	3

*to the nearest whole percent

5. Security

- 5.1 There have been no security incidents during the months of February, March, April and May.

6. New Development

- 6.1 Following the rejection of the Planning Application in 2009, an appeal was submitted by TAG. The resultant inquiry commenced on the 26th May 2010 and is scheduled to run for a total of 28 days (7 weeks).

7. Sustainability

- 7.1 Following the publication of the Sustainability and Climate Change Charter, as a part of the TAG Farnborough Airport Master Plan 2009, the sections below summarise achievements and ongoing work in this sector.

Energy Efficiency and Monitoring

- Carbon Trust Survey 2007 – Identified 11 Key Actions for energy efficiency
- Key Actions implemented through 2008 and 2009 – BMS controls, heating control management, insulation, automatic lighting controls, retro-fit low energy lighting
- Carbon Trust Survey 2010 – Recognised achievements and identified benefits of SMART metering – to be implemented in 2010
- Ongoing review of renewable technology and micro-generation for site application. Micro-generation project confirmed in May 2010
- Airfield lighting conversion to LED commenced, estimated to reduce associated electrical draw by >70% on completion

Carbon Reduction

- Verification of TFE Carbon Footprint 2008 – 5,242 tons CO₂ per annum
- Successful application for **Airport Carbon Accreditation – Mapping** in 2009
- TFE Carbon footprint 2009 calculated – 4,210 tons CO₂ per annum. A reduction of 6.2 % when comparing equivalent scoping. Application for renewal at Mapping level submitted in June 2010 and awaiting verification
- Registered and compliant with Environment Agency's *Carbon Reduction Commitment*
- New ultra low sulphur, 5% bio-diesel, Red Diesel fuel to be introduced to all TFE ground vehicles

Recycling and Waste

- Partnership with new recycling and waste service provider – SITA
- New and simplified waste streams, increased recycling station numbers, enhanced signage, consolidation of site procedures and active engagement with site tenants
- Recycling rates improved from 20% in 2008 to 32% in 2009
- Active recycling of paper, cardboard, plastic bottles, metal tins and cans, glass bottles, fluorescent tubes and bulbs, waste oil, waste oil containers, oily rags, lead-acid batteries, alkaline batteries, waste electrical and electronic equipment (W.E.E.E.) and toner and laser printer cartridges now implemented

8. Initiatives

- 8.1 Visits and tours undertaken at the airfield, hosted by TAG, since the previous meeting have been as follows: -

February	
26.01.10	Farnborough College of Technology – Aero ND
02.02.10	Royal Aeronautical Society
09.02.10	Farnborough College of Technology – Aero ND
16.02.10	Cove Residents
23.02.10	Farnborough College of Technology – Aero ND
March	
01.03.10	Mr Healey & Mr Schofield – Local Residents
02.03.10	East Berks College – Travel and Tourism
16.03.10	RAFA
23.03.10	Cove Residents
30.03.10	East Berks College – Travel and Tourism
April	
06.04.10	KLM Retirees
13.04.10	Frimley Scouts
20.04.10	Local Residents
27.04.10	Cove and Farnborough WI
May	
11.05.10	Farnborough College of Technology – Aero Degree
18.05.10	Fernhill Secondary School
25.05.10	Underwood Bowling Club

9. Infringements

- 9.1 The table below displays a breakdown of airport procedure infringements that have been recorded as a result of the TAG track monitoring and 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 investigated and confirmed as infringements in each month period, are shown.

Period	Flights Investigated	Responses Received to Date	Confirmed Infringements	% of Total Flights Each Month	
				Investigated	Confirmed
Feb 10	8	8	7	0.4	0.36
Mar 10	9	7	4	0.39	0.17
Apr 10	12	5	4	0.69	0.23
May 10	12	6	3	0.48	0.12
Total	41	26	14	0.49	0.17

10. Complaints

- 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 instructed 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 180 complaints received during the reporting period, 69% were identified as relating to Chapter 4 certified aircraft. 28% 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.

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-authorised, non-compliant flights that generated complaints	Number of operator responses received to infringement letters
				flight specific noise	flight specific track	flight specific altitude						
2010	Feb	22	14	6	3	11	2	16	5	1837	0	5
2010	Mar	31	25	9	10	10	2	28	2	2094	0	10
2010	Apr	39	22	8	20	5	6	35	2	1549	0	9
2010	May	60	30	12	35	9	4	51	6	2346	5	9
2010	Jun ¹	28	23	7	16	4	1	21	1	801	0	5
	Total	180	49	42	84	39	15	151	16	8627	5	38

1. Up to and including 10th June 2010

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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