

1. Aircraft Movements

- 1.1 The permitted movement numbers for 2019 are 50,000 total movements with 8,900 permitted on weekends and bank holidays. The restriction on aircraft movements between 50 and 80 tons remains unchanged at 1,500 per annum.
- 1.2 The table below displays movements since the last meeting; the blue section relates to the reporting period of this report.

Movements Summary								
month	total	reported	total w/end	reported w/end	total 50 - 80t	reported 50 - 80t	total w/end 50-80T	reported w/end 50-80T
Jan	2151	1981	515	481	74	41	27	12
Feb	2438	2315	731	709	46	30	13	5
Mar	2545	2402	652	622	46	28	22	15
Apr	2475	2310	613	572	74	34	23	7
May	3018	2838	828	798	46	25	14	9
Jun	3335	3129	887	849	120	86	37	26
Jul	3684	2839	868	710	128	71	38	17
Aug	2533	2373	674	642	108	68	35	24
Sep	2902	2707	922	868	97	51	36	19
Oct	2722	2571	660	629	65	51	20	14
Nov	2531	2413	584	567	41	22	9	6
Dec	2188	2080	658	637	70	42	17	9
total	32522	29958	8592	8084	915	549	291	163

Movements Summary								
month	total	reported	total w/end	reported w/end	total 50 - 80t	reported 50 - 80t	total w/end 50-80T	reported w/end 50-80T
Jan	2263	2078	521	495	66	24	22	7
Feb	0	0	0	0	0	0	0	0
Mar	0	0	0	0	0	0	0	0
Apr	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0
Jun	0	0	0	0	0	0	0	0
Jul	0	0	0	0	0	0	0	0
Aug	0	0	0	0	0	0	0	0
Sep	0	0	0	0	0	0	0	0
Oct	0	0	0	0	0	0	0	0
Nov	0	0	0	0	0	0	0	0
Dec	0	0	0	0	0	0	0	0
total	2263	2078	521	495	66	24	22	7

NB. A more detailed breakdown of Total Movements can be viewed within the TFA Environment Reports to Rushmoor Borough Council, available at <http://www.rushmoor.gov.uk/article/3287/Airport-monitoring>

1.3 There were 19 missed approaches during this reporting period, 14 on runway 24 and 5 on runway 06.

2. Noise monitoring

2.1 The fixed Noise Monitoring Terminals continue to operate from their locations on the approaches to runway 06 and 24.

2.2 The Annual INM Noise Assessment Report 2018 was submitted in February 2019 and included actual contours for January to December 2018 and predicted contours for January to December 2019. Results from the assessment demonstrated that the calculated contours remain well within the boundaries set by the Planning Agreement.

3. Air Quality Monitoring

3.1 Air quality monitoring continues at 13 locations in Rushmoor and Hart. All results from the monitoring stations indicate that NO₂ levels at the 13 locations are below the limits specified in the Air Quality Regulations and show no indication of significant influence by airport operations.

3.2 The active NO₂ monitoring devices (Learian Streetboxes) remain in operation at their agreed locations (Kempton Court and Farnborough College). Results from these units also show NO₂ levels within the Air Quality Regulations.

3.3 During this reporting period one complaint related to odour was received (January). The complaint was handled in accordance with the published Air Quality and Odour Scheme.

4. Runway Use

4.1 The predominant south-west winds in the Farnborough area favoured use of runway 24 during the majority of the reporting period however runway 06 was in use to a more significant extent in November. Table 4.2 details recorded runway use and operation (i.e. Departure or Arrival) figures for the reporting period.

4.2 Percentage Runway use †

month	Farnborough		Fleet / Ch' Crookham		AD (heli)
	24 arr	06 Dep	06 arr	24 dep	
Oct-18	36	14	13	35	2
Nov-18	28	22	21	27	2
Dec-18	41	8	7	42	2
Jan-19	42	6	7	42	3

† to the nearest whole percent

AD – Aerodrome

5. Security

5.1 There have been no security incidents during the reporting period.

6. Sustainability

Carbon Reduction

- **TFA Carbon Neutrality in the media**

- * Following the official announcement in May 2018 the following outlets have published pieces on TFA's Carbon Neutral status:

- BBC Radio Surrey
- ITV Meridian News
- Business International
- Regional Gateway
- Flight International
- Transform Magazine (Institute of Environmental Management & Assessment)

- **A-shed lighting and heating installations repurposed**

- * Eight destratification fans (which redistribute warm air from the roof space across the hangar) removed from A-shed and re-installed at G29 along with a further six new units

- * One hundred and four hi-bay LED lighting units removed from A-shed and re-installed at Hangar 1 across bays 1, 2 and 3 together with an additional 31 units.

- * Wattage reduced from 400w to 220w per unit providing an overall reduction of 24,300w.



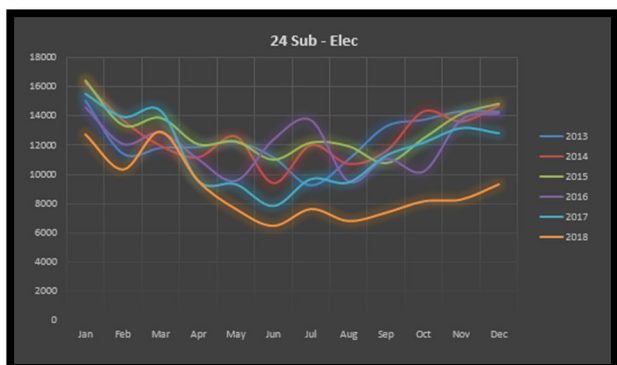
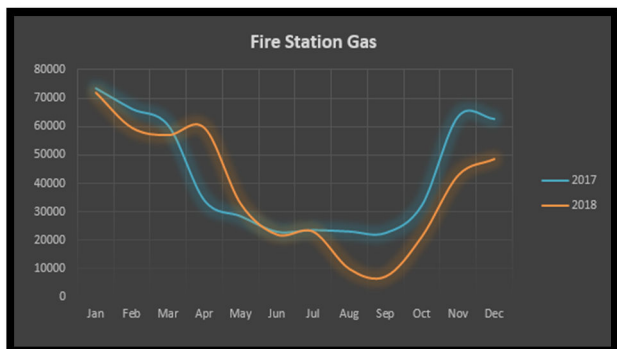
- **Lighting and heating upgrade projects yield positive results**

- * High efficiency replacement boilers have helped to reduce gas usage at the Fire Station where demand for space and water heating is high.

- * Between July and December 2018 the Fire Station gas usage was 152,844 kwh, a 33% decrease on the same period in 2017 (227,740 kwh).

- * LED fittings, have replaced original runway 24 approach lighting and resulted in a marked decrease in electricity use.

- * The runway 24 substation shows 31% decrease between July and December while usage from the opposite end (runway 06) remained stable.



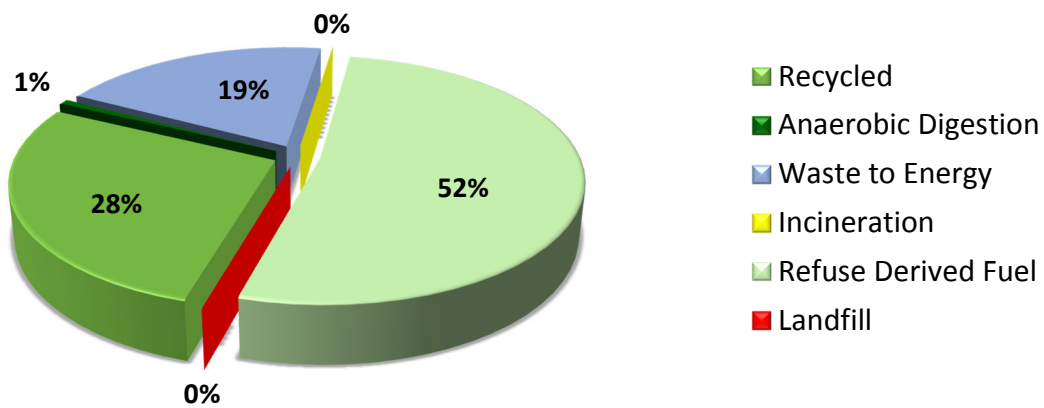
ISO14001 and EMS performance

- **EMS schedule reviewed to streamline processes**
 - * With ISO14001 certification complete, review of the annual schedule for key EMS processes has identified a number of areas where improved schedules can aid integration of the EMS with wider business strategy.
 - * Aspect, risk, issue and objective reviews rescheduled to lead in to 5-year planning at years end and to help inform updated Environmental Policies for the year ahead.
 - * Audit cycle reduced from six per year to four, with the annual independent surveillance audit (SGS led) timed mid-year.

Waste Management

- **Single use plastic reductions commence**
 - * Following site review, single use plastic is now being removed from use wherever possible, including plastic cutlery in the café and plastic cups for drinking water across the airport.
 - * 2019 will see the trial of new bottle filling stations to promote the use of re-usable drinks containers.

Disposal methods for Airport Generated Waste, 2018



Data derived from average collection weights (from Waste Contractors). Exclusive of minor waste streams e.g. Toner Cartridge waste and wet wastes which are subject to water treatment (oily water and sewage)

7. Initiatives

7.1 Guided tours of the airport hosted by TFA during this reporting period are displayed in the table below:

Oct 18	
2nd	Probus Club of Farnham, TFA Staff, local residents, Helios
9th	Local residents, MedAire
16th	Surrey Police Association
23rd	Local Residents
30th	U3A Industrial Heritage Group, local residents
Nov 18	
6th	Hampshire Chamber of Commerce, local residents
13th	Women's Institute
20th	Women's Institute
27th	Odiham U3A, local residents
Dec 18	
4th	Odiham U3A, local residents, TFA staff
11th	Women's Institute
18th	Bowls Club, local residents
Jan 19	
8th	Local Residents, Textron Aviation, C Main (FACC)

7.2 Tours are available to book on every other Tuesday morning, call 01252 379018 for more information.

8. Infringements

8.1 The table below displays a summary of results from the Flight Track Auditing Procedure:

month	flights investigated	responses to date	upheld to date	excused to date	% of total monthly flights	
					investigated	upheld to date
Oct 18	9	9	9	0	0.33	0.33
Nov18	19	11	9	2	0.75	0.36
Dec 18	8	4	4	0	0.37	0.18
Jan 19	5	1	1	0	0.22	0.04
TOTAL	41	25	23	2	0.42	0.24

* Figures are up to date as of the 11th February 2019

8.2 Failure to adhere to noise abatement procedures leads to investigation. Identified operators must provide information that demonstrates operational circumstances beyond their control that led to the infringement.

8.3 The table below displays a summary of infringement procedure results for the past year:

Period	Infringements	Responses received	Responses accepted
Q1	24	22	1
Q2	27	27	4
Q3	23	21	1
Q4	36	24	2
TOTAL	110	94	8

* Figures are up to date as of the 11th February 2019

9. Complaints

9.1 TFA maintains record and investigates complaints in accordance with the Complaints Charter, published on the TFA and RBC websites. Complaints submission methods available are through letter, telephone or email using the following contacts:

**The Environment Department
TAG Farnborough Airport Ltd
Farnborough
Hants, GU14 6XA**

Tel: **01252 526001**
Email: complaints@tagfarnborough.com

9.2 Under the new Global Data Protection Regulations (GDPR) TFA cannot pass private information, including complainant's name, road name and postcode, to third parties for publishing on their websites. TFA has requested removal of historic reports containing private information from current websites. Future reports will only contain information about the complaint itself together with the area from which the complaint originates.

Information exclusively provided to TFA by members of the public raising complaints is subject to our company privacy notice viewable at www.tagfarnborough.com/privacy-policy/

9.3 Following the installation of the Airport Noise and Operations Management System (ANOMS), a revised Complaints Summary Table provides additional information on complaints and related concerns.

Table 1 displays summarised complaints and complainant numbers data together with details of operational classification (i.e. ATC authorised or unauthorised non-compliant flights and non-TAG flights).

Summary Table 1

month	TFA related complainants	TFA related complaints	complaints generated from non-compliant flights			unauthorised flights that generated complaints	complaints related to non-TAG flights
			total	ATC authorised	unauthorised		
Oct 18	2	2	1	1	0	0	1
Nov 18	5	7	3	0	3	3	0
Dec 18	0	0	0	0	0	0	1
Jan 19	2	2	1	1	0	0	1
totals	9	11	5	2	3	3	3

Table 2 displays a breakdown of the concerns raised by the complainants. On occasion, single complaints identify multiple concerns; consequently, the total of all the concerns raised is greater than the total complaints figure in Table 1.

Summary Table 2

month	concerns raised by complainants (TFA related)						
	track	noise	altitude	size or type	out of hours	odour	other ¹
Oct 18	1	2	1	0	0	0	1
Nov 18	3	4	1	0	0	0	2
Dec 18	0	0	0	0	0	0	0
Jan 19	1	1	1	0	0	1	1
totals	5	7	3	0	0	1	4

¹ Complaints categorised as "other" relate to general complaints (not flight specific) or complaints that do not come within the main categories (e.g. circling flights).

9.4 The FACC complaints report (submitted alongside the TAG Report) provides operational and response data on complaints received during the reporting period. Explanations of each column are provided below:

Day:	The day of the week to which the complaint refers
Date & Time:	The date and time to which the complaint refers
Town / City:	The town or city of the complainant
Concerns:	The concerns raised by the complainant (may be multiple)
Operation:	Whether the aircraft was a Departure , an Arrival , or Transient (overflight)
R/W:	The runway used, 24 , 06 or H (Helipad).
Type:	The aircraft type as an International Civil Aviation Organisation (ICAO) code
Category:	The general type of aircraft, either Jet , Turbo-prop , Prop or Helicopter
Infringement Status:	The conclusion following flight track auditing and complaint investigation
Explanation:	The key explanation of the concerns raised by the complainant
Response:	The correspondence method used to respond to the complainant

Please note:

- *Where the complaint is of a general nature and flight or infringement specifics do not apply, or if the complaint concerns a non-TAG flight of which details are unknown, the entry is marked N/A.*
- *Complaints received that do not specify a time are logged using the default time setting on the complaints monitoring system. The default setting is 00:00.*
- *Complaints data only reflects those complaints submitted within the reporting period.*

9.5 Of the TFA related complaints received during the reporting period 64%* were identified as relating to Chapter 4 certified aircraft. 27%* of complaints in the reporting period were related to aircraft types that are not subject to the Noise Chapter Scheme (e.g. helicopters, propeller aircraft) and the remaining 9%* were non-flight specific complaints.

* calculated to the nearest whole percent