

1. Aircraft Movements

- 1.1 The permitted movement numbers for 2021 are 50,000 total movements with 8,900 permitted on weekends and bank holidays. Restrictions on aircraft movements between 50 and 80 tons remain at 1,500 in total per annum with 270 permitted on weekend days 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 | 2363 | 2234 | 578 | 552 | 44 | 27 | 17 | 9 |
| Feb | 2345 | 2255 | 628 | 616 | 40 | 33 | 10 | 10 |
| Mar | 1826 | 1742 | 422 | 410 | 32 | 22 | 6 | 4 |
| Apr | 325 | 303 | 71 | 61 | 2 | 0 | 0 | 0 |
| May | 697 | 595 | 211 | 201 | 9 | 7 | 2 | 1 |
| Jun | 1159 | 1085 | 257 | 253 | 31 | 19 | 2 | 2 |
| Jul | 2156 | 2045 | 512 | 494 | 36 | 31 | 7 | 7 |
| Aug | 2419 | 2336 | 941 | 927 | 38 | 34 | 10 | 10 |
| Sep | 2272 | 2173 | 527 | 510 | 40 | 33 | 6 | 5 |
| Oct | 1860 | 1777 | 486 | 474 | 32 | 27 | 6 | 5 |
| Nov | 1452 | 1352 | 406 | 393 | 30 | 24 | 8 | 5 |
| Dec | 1883 | 1832 | 492 | 487 | 25 | 16 | 4 | 3 |
| total | 20757 | 19729 | 5531 | 5378 | 359 | 273 | 78 | 61 |

| | | | | | | | | |
|--------------|------------|------------|------------|------------|-----------|----------|----------|----------|
| Jan | 819 | 800 | 254 | 251 | 13 | 9 | 7 | 4 |
| 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 | 819 | 800 | 254 | 251 | 13 | 9 | 7 | 4 |

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

1.3 There were 13 missed approaches during this reporting period, 9 on runway 24 and 4 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 INM Annual Noise Assessment Report 2020 was submitted in February 2021 and included actual contours for 2020 and predicted contours for 2021. Results from the assessment demonstrated that the calculated contours remain well within the boundaries set by the Planning Agreement.

2.3 The next INM Noise Assessment will take place in Jul 2021 and will produce actual contours for Jan to Jun 2021 and predicted contours for Jul to Dec 2021.

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) operate at their agreed locations (Kempton Court and Farnborough College). Results from the units show NO₂ levels lie within the regulated levels.

3.3 During this reporting period, zero complaints related to odour were received.

4. Runway Use

4.1 The predominant south-west winds in the Farnborough area favoured use of runway 24 during the reporting period, most significantly in December 2020. 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 | | Heli (RW) | Heli (AD) |
|--------|-------------|--------|----------------------|--------|-----------|-----------|
| | 24 arr | 06 Dep | 06 arr | 24 dep | | |
| Oct-20 | 37 | 11 | 11 | 37 | 2 | 2 |
| Nov-20 | 40 | 8 | 8 | 42 | 1 | 1 |
| Dec-20 | 42 | 6 | 7 | 44 | 1 | 0 |
| Jan-21 | 34 | 16 | 15 | 34 | 1 | 0 |

† to the nearest whole percent

RW - Runway

AD – Aerodrome

5. Security

5.1 There were two demonstrations held at Ively Gate, on October 29 and December 19. Both, addressing Climate Change issues, were held peacefully.

6. Sustainability

First to trial new, more sustainable technology in the UK.

- * In February FAL will be trialling a new electric ground power unit (eGPU)
- * The eGPU, powered by 4th generation Nissan Leaf batteries, uses no liquid fuel and therefore emits zero emissions at the point of use.

Latest lighting upgrades reduce electricity usage.

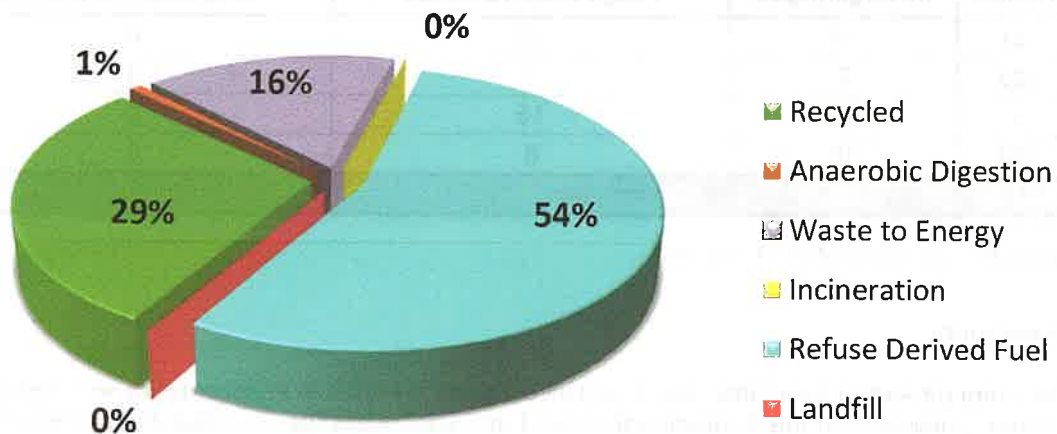
- * The Fire Station has been subjected to a full LED upgrade including exterior and interior lighting, reducing both the number of lighting units required and energy draw from each unit.
- * The upgrade could reduce the annual electricity draw of the Fire Station lighting from 47,000kW to 19,000kW, based on estimated usage figures.

Waste Management segregation upheld.

- * Latest data demonstrates that despite the complexities to site operations that have been brought about by the COVID-19 pandemic, site waste management and performance in recycling has not been affected.



Disposal methods for Airport Generated Waste, 2020



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)

| | |
|----------------------------|--|
| Recycled | waste is re-processed into new products |
| Anaerobic Digestion | food waste is broken down in a specialised plant to produce biogas |
| Waste to Energy | waste is incinerated, the heat energy produced is used in other applications |
| Incineration | waste is incinerated |
| Landfill | waste is buried at dedicated sites |
| Refuse Derived Fuel | waste is ground down, pelletised and used as fuel to produce heat for other applications |

7. Initiatives

- 7.1 Current restrictions prohibit site visits that are not classified as an operational necessity. The position on the future of initiatives will be reviewed in tandem with government advice and other regulatory-led changes.

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 20 | 2 | 2 | 2 | 0 | 0.11 | 0.11 |
| Nov20 | 0 | 0 | 0 | 0 | 0.00 | 0.00 |
| Dec 20 | 8 | 4 | 8 | 0 | 0.42 | 0.42 |
| Jan 21 | 2 | 1 | 2 | 0 | 0.24 | 0.24 |
| TOTAL | 12 | 6 | 12 | 0 | 0.20 | 0.20 |

* Figures are up to date as of the 11th Feb 2021

- 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 | 12 | 12 | 0 |
| Q2 | 7 | 7 | 0 |
| Q3 | 17 | 15 | 0 |
| Q4 | 10 | 6 | 0 |
| TOTAL | 46 | 38 | 0 |

* Figures are up to date as of the 11th Feb 2021

9. Complaints

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

The Sustainability Department
Farnborough Airport
Farnborough
Hants, GU14 6XA

Tel: 01252 526001
Email: complaints@farnboroughairport.com
Web: <https://webtrak.emsbk.com/fab>

- 9.2 Under Global Data Protection Regulations (GDPR) Farnborough Airport cannot pass private information, including complainant's name, road name and postcode, to third parties for website publication. Historic reports containing private information have been removed from current websites.

9.3 Reports will only contain information about the complaint together with the area from which it originates. Information exclusively provided to Farnborough Airport by members of the public is subject to our company privacy notice, viewable at www.farboroughairport.com/privacy-policy/

Table 1 displays summarised complainant and complaint data with details of operational classification.

Summary Table 1

| month | FAL related complainants | FAL related complaints | complaints generated from non-compliant flights | | | unauthorised flights that generated complaints | complaints related to non-FAL flights |
|---------------|--------------------------|------------------------|---|----------------------|----------|--|---------------------------------------|
| | | | NA violation | SID / STAR violation | TOTAL | | |
| Oct 20 | 3 | 206 | 0 | 0 | 0 | 0 | 4 |
| Nov 20 | 1 | 127 | 0 | 0 | 0 | 0 | 2 |
| Dec 20 | 6 | 152 | 1 | 0 | 1 | 1 | 0 |
| Jan 21 | 2 | 37 | 0 | 0 | 0 | 0 | 2 |
| totals | 9 | 522 | 1 | 0 | 1 | 1 | 8 |

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 stated in Table 1.

Summary Table 2

| month | concerns raised by complainants (FAL related) | | | | | | |
|---------------|---|------------|-----------|--------------|--------------|----------|------------|
| | track | noise | altitude | size or type | out of hours | odour | other |
| Oct 20 | 3 | 204 | 3 | 1 | 0 | 0 | 5 |
| Nov 20 | 1 | 123 | 2 | 6 | 0 | 0 | 71 |
| Dec 20 | 3 | 146 | 4 | 1 | 2 | 0 | 22 |
| Jan 21 | 2 | 36 | 3 | 1 | 1 | 0 | 25 |
| totals | 9 | 509 | 12 | 9 | 3 | 0 | 123 |

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 Farnborough Airport Information 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 (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 audit and complaint investigation
- Explanation:** The key explanation of the concerns raised by the complainant
- Response:** The correspondence method used to respond to the complainant

