

Blue = New Information
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Airplane Noise

Sept 2020 Prior Month Update

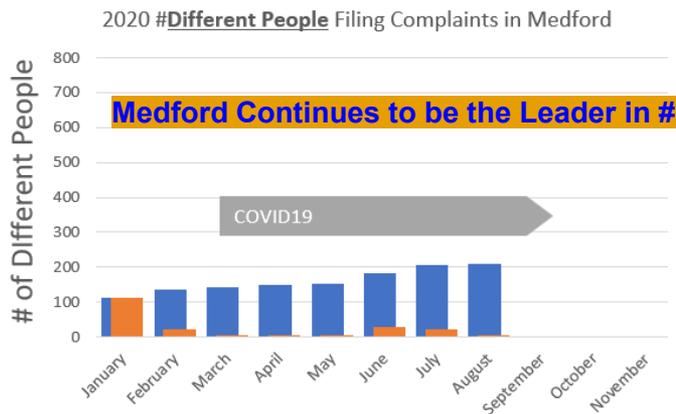
Upcoming Events

- September (9/8) MCAC executive meeting
- September (9/6) MCAC executive meeting
- October (TBA) MCAC MIT RNAV Study update with John Hansman
- October (10/28) MCAC general meeting

Current Activity

- In a letter to the MCAC, FAA rejected **ALL** of MIT's Block 2 dispersion concepts
- Building a consensus response to the FAA rejection of MIT's dispersion concepts, with previous cities plus Malden
- South of Boston, FAA is proposing an instrument approach to Runway 4-L at Logan Airport.
 - FAABostonWorkshops.com
 - Two workshops will be held October 23 and 28
 - 60d comment period runs through Nov 20

Number of People Filing Noise Complaints



- **74** Individual Medford Residents Filed **5309** Complaints through August 2020, **4** new filers

Opportunities & Needs

- Need **dispersion** of aircraft departures from 33L
- Need DNL data from MIT study team for models
- **Need** pressure on FAA and Massport to put forward a **feasible dispersion** concept

Archive

- The following pages are made up of prior monthly update snapshots

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Aug 2020 Prior Month Update

Upcoming Events

- July (7/14) MCAC executive meeting
- Runway 27 is closing for 75 days (until August)
- July (7/29) MCAC executive meeting
- August (8/11) MCAC executive meeting

Current Activity

- Sen Markey filed a Bill to regulate the safe return to air travel
- Medford MCAC reviewed and commented on FAA's Noise Metric study
- Attended the June MCAC meetings
- All future MCAC meetings will be virtual until in-person meetings are possible
- In a letter to the MCAC, FAA rejected ALL of MIT's Block 2 dispersion concepts
 - Assessed and categorically rejected by FAA and industry stakeholders
 - Notably users (e.g. airlines) of Boston-Logan airspace favor PBN-based departure procedures over conventional.

Number of People Filing Noise Complaints



- **97** Individual Medford Residents Filed **4266** Complaints through July 2020, **21** new filers

Opportunities & Needs

- Need dispersion of aircraft departures from 33L
- Need DNL data from MIT study team for models
- **Need** pressure on FAA and Massport to put forward a **feasible dispersion** concept

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July 2020 Prior Month Update

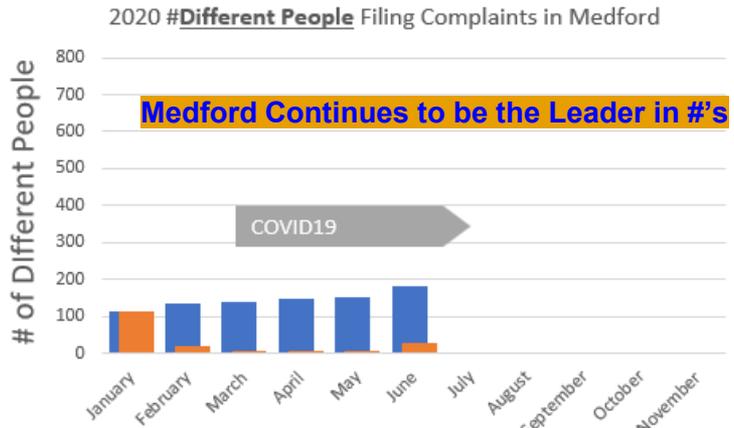
Upcoming Events

- May (5/14) MCAC meeting was virtual
- June (6/11) MCAC quarterly meeting
- July (7/14) MCAC executive meeting
- Runway 27 is closing for 75 days (until August)
- July (7/29) MCAC executive meeting
- August (8/11) MCAC executive meeting

Current Activity

- Sen Markey filed a Bill to regulate the safe return to air travel
- Medford MCAC reviewed and commented on FAA's Noise Metric study
- Attended the June MCAC meetings
- All future MCAC meetings will be virtual until in-person meetings are possible

Number of People Filing Noise Complaints



- **107** Individual Medford Residents Filed **7395** Complaints through June 2020, **30** new filers (an uptick over prior four months)

Opportunities & Needs

- Need dispersion of aircraft departures from 33L
- Need DNL data from MIT study team for models

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June 2020 Prior Month Update

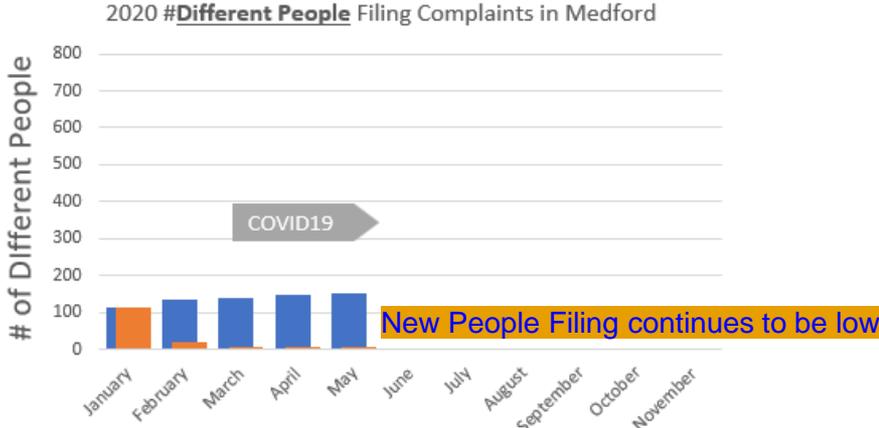
Upcoming Events

- May (5/14) MCAC meeting was virtual
- June (6/11) MCAC quarterly meeting
 - FAA deferred substantive Block 2 feedback to Aug 15th
- July (7/14) MCAC executive meeting
- Runway 27 is closing for 75 days (mid-May to August)

Current Activity

- Sen Markey filed a Bill to regulate the safe return to air travel
<https://www.markey.senate.gov/imo/media/doc/COVID%20Air%20Travel%20Task%20Force.pdf>
- Medford MCAC reviewed and provided (hard) comments to FAA's Noise Metric study (sec 188)
- Attended the June MCAC meetings
- All future MCAC meetings will be virtual until in-person meetings are possible (Exec preference)

Number of People Filing Noise Complaints



- 64 Individual Medford Residents Filed 3979 Complaints through May 2020, but only 6 new filers

Opportunities & Needs

- Need dispersion of aircraft departures from 33L
- Need DNL data from MIT study team for models
Likely not to receive this, per (5/14/2020) MP Letter to 33L Communities
Request for DNL even more relevant in light of FAA Noise Metric Study which states full throated FAA support for DNL at the June 11 MCAC General Meeting (to community chagrin)

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May 2020 Prior Month Update

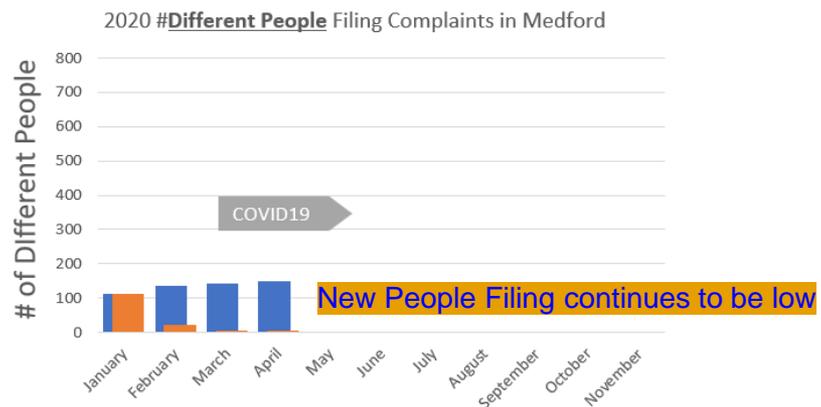
Upcoming Events

- May (5/14) MCAC meeting was virtual
- June (6/11) MCAC quarterly meeting
- Runway 27 is closing for 75 days (mid-May to August)
 - <https://www.massport.com/media/4039/9-27-rehabilitation-project-webinar-slides.pdf>
 - Runway 33L "picks up the slack" – but air traffic is relatively suppressed
 - Good timing, the maintenance had to be done and now is the most considerate time for it.

Current Activity

- Municipal Letter (4/24/2020) by Medford called for acceleration of FAA involvement.
- Massport (5/14/2020) reply to Municipal Letter from Medford and neighboring communities
- New FAA Noise Complaint Initiative (NCI) intended to reduce the volume of complaints (limit impact of 3rd party Mobile Apps on #'s)
- Numerous public articles and studies about the cause and effect relationship between air pollution and COVID-19 outcomes
- Sen Markey filed a Bill to regulate the safe return to air travel
<https://www.markey.senate.gov/imo/media/doc/COVID%20Air%20Travel%20Task%20Force.pdf>

Number of People Filing Noise Complaints



- 60 Individual Medford Residents Filed 2,959 Complaints through April 2020, but only 7 new filers

Opportunities & Needs

- Need dispersion of aircraft departures from 33L
- Need DNL data from MIT study team for models
 Likely not to receive this, per (5/14/2020) MP Letter to 33L Communities

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April 2020 End of Month Update

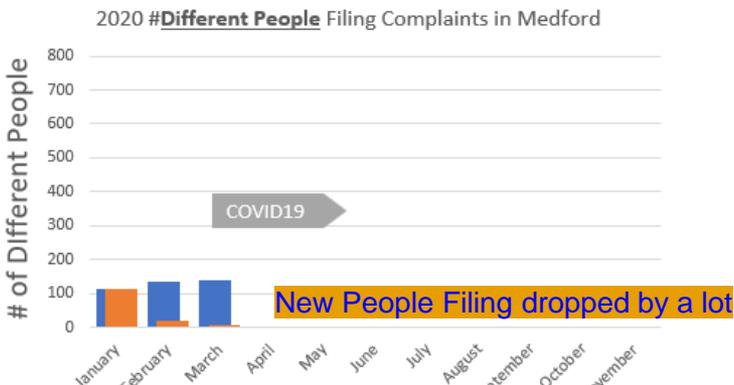
Upcoming Events

- TBD – COVID19
- April MCAC meeting cancelled. PH has asked ED Matt Romero if future meetings could be virtual. Awaiting response.

Current Activity

- Federal Letter (2/3/20) by Sen Markey & others – Highlights the complaints from Medford and asks for vortex generators
- **Municipal Letter (XX/XX/XXXX) by Medford calling on acceleration of FAA involvement. Actively being worked**
- COVID-19 public health measures, including significant reduction in air traffic began at start of March

Number of People Filing Noise Complaints



- **82** Individual Medford Residents Filed **10,075** Complaints through **March** 2020, but only **6** new filers

Opportunities & Needs

- Need more FAA involvement – need to leap from academic to the practical
- Need DNL data from MIT study team for models
- Need **dispersion** of aircraft departures from 33L
- Tufts PILOT Agreement – can Tufts help with advocating for regional air traffic equity?
- COVID-19 is having a major impact on air traffic, the cause-effect of noise to complaints should be reinforced
- **New FAA Noise Complaint Initiative (NCI) intended to reduce the volume of complaints (limit impact of 3rd party Mobile Apps on #'s)**

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February & March 2020 End of Month Update

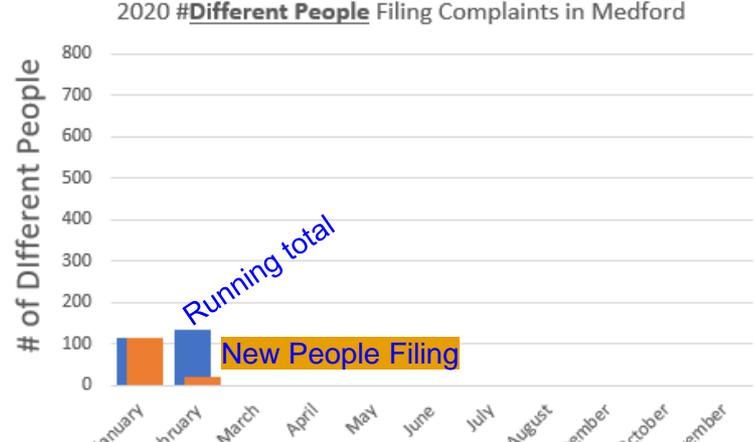
Upcoming Events

- TBD – COVID19
- April MCAC meeting cancelled. PH has asked ED Matt Romero if future meetings could be virtual. Awaiting response.

Current Activity

- Federal Letter (2/3/20) by Sen Markey & others – Highlights the complaints from Medford and asks for vortex generators
- **Municipal Letter (XX/XX/XXXX) by Medford calling on acceleration of FAA involvement. Need mayors' signatures then ready to send.**
- **COVID-19 public health measures, including significant reduction in air traffic began at start of March**

Noise Complaints



- **135** Individual Medford Residents Filed **39,343** Complaints through February 2020, alone! – (see archive for 2019)

Opportunities & Needs

- Need more FAA involvement – what is and isn't feasible among the MIT concepts? – need to leap from academic to the practical
- Need DNL data from MIT study team for models
- Need **dispersion** of aircraft departures from 33L
- Tufts PILOT Agreement – can Tufts help with advocating for regional air traffic equity?
- **COVID-19 is having a major impact on air traffic, the cause-effect of noise to complaints should be reinforced**

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January 2020 End of Month Update

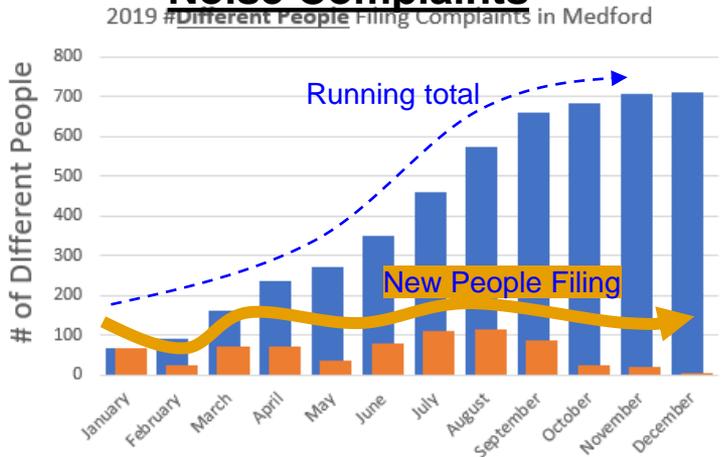
Upcoming Events

- MCAC Executive Committee Meeting 7Jan20
- MCAC General Meeting 9Jan20
- MCAC Executive Committee Meeting 11Feb20
- Senator Markey Town Hall 13Feb20

Current Activity

- RNAV Study on Low Simmer
- Local Unity - Belmont Selectmen voted to endorse the Joint Statement from Med./Som./Cam.
- Federal Letter (12/20/19) by Sen Markey & others - Argues that RNAV harms communities and hasn't provided the benefits it promised
- Federal Letter (2/3/20) by Sen Markey & others – Highlights the complaints from Medford and asks for vortex generators

Noise Complaints



• **712** Individual Medford Residents Filed **98,021** Complaints – By far the most, anywhere in 2019

Opportunities & Needs

- Need more FAA involvement – what is and isn't feasible among the MIT concepts? – need to leap from academic to the practical
- Need dispersion of aircraft departures from 33L
- Tufts PILOT Agreement – can Tufts help with advocating for regional air traffic equity?
- Massport has a new CEO (Lisa Weiland) – does airport operator want to be a good neighbor?