

Blue = New Information
Black = Old Information

Airplane Noise

AUG 2021 Prior Month Update

Upcoming Events

- **RNAV Study Public Hearing** is scheduled for Wednesday, September 15, 2021 from 5:30 p.m. to 7:30 p.m

<http://massportcac.org/news-and-events/>

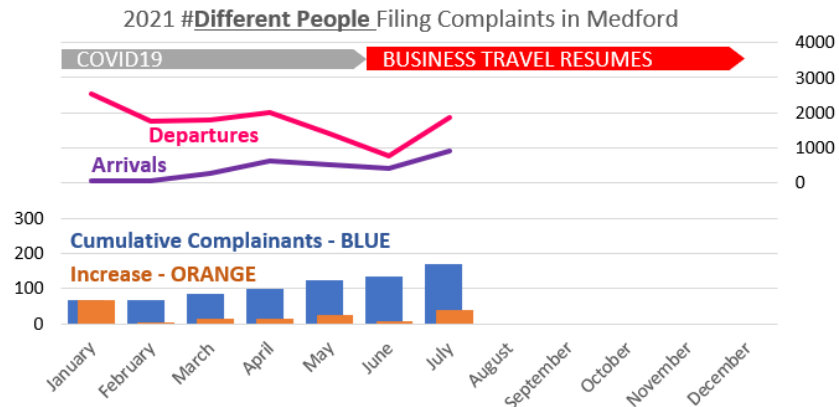
Hosted by Massport and be held virtually via Zoom in the early evening. Dr. Hansman will be presenting the RNAV Study final recommendations that he presented to our committee at our June 24th meeting and time will be provided for the public to comment

- Also, next (virtual) MCAC meeting is October 6th
<http://massportcac.org/meeting/massport-cac-general-committee-meeting-4/>

Current Activity

- Letter of Disappointment to Federal Delegation
- Massport + MIT + FAA + HMMH assisting MCAC with understanding the 33L departure proposal – this work is ongoing
- Arrivals becoming more frequent
- Midnight Turkish Airlines Flight (flies low)
- New Air Traffic Visualization Websites!
<https://planeference.com/medford/> - Medford
<https://planeference.com/planefinns/> -Milton

Number of People Filing Noise Complaints



Opportunities & Needs

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

- **105** Individual Medford Residents Filed **10061** Complaints
- through July 2021, 38 new filers (total filers in Medford = 171)

Archive

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

Blue = New Information
Black = Old Information

Airplane Noise

JUL 2021 Prior Month Update

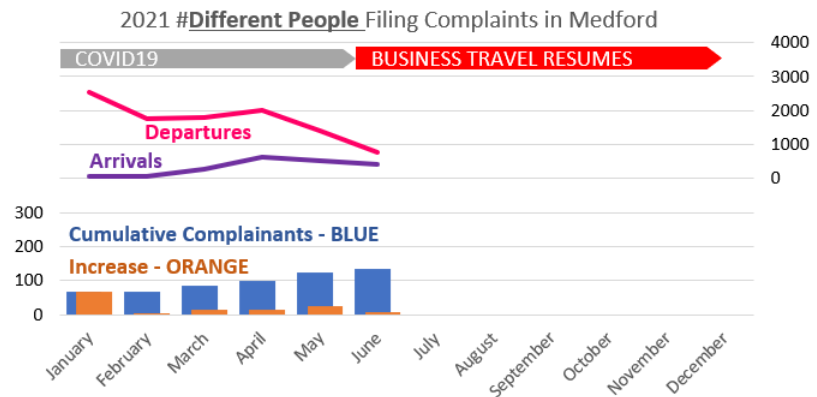
Upcoming Events

- Next (virtual) MCAC meeting is October 6th
<http://massportcac.org/meeting/massport-cac-general-committee-meeting-4/>
- June 24th, MCAC general meeting held slides are here:
<http://massportcac.org/library/mcac-june-2021-block-2-rnav-study/>

Current Activity

- Massport + MIT + FAA + HMMH assisting MCAC with understanding the 33L departure proposal – this work is ongoing
- Arrivals becoming more frequent
- Midnight Turkish Airlines Flight (flies low)
- New Air Traffic Visualization Websites!
<https://planeference.com/medford/> - Medford
<https://planeference.com/planefinns/> -Milton

Number of People Filing Noise Complaints



Opportunities & Needs

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

- **59** Individual Medford Residents Filed **4277** Complaints
- through **June 2021**, **8** new filers (total filers in Medford = 133)

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Airplane Noise

JUN 2021 Prior Month Update

Current Activity

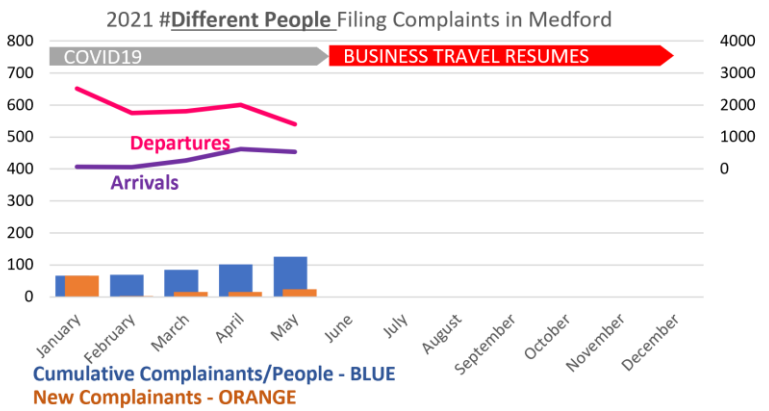
Upcoming Events

- June (6/8) MCAC executive meeting
- June (6/8) MCAC general meeting
- June 24th, MCAC general meeting
<http://massportcac.org/meeting/massport-cac-general-committee-meeting-3/>

*6/24 MCAC meeting will include final proposals resulting from MIT RNAV Study. Study ends this year.

- Almost 3000 public comments, nationwide, and about 20-25 comments are from the Boston NW area (many from Medford residents)
- Massport + MIT + FAA assisting MCAC with understanding the 33L departure proposal
- New Air Traffic Visualization Websites!
<https://planeference.com/medford/> - Medford
<https://planeference.com/planefinns/> -Milton

Number of People Filing Noise Complaints



- 78 Individual Medford Residents Filed 8104 Complaints
- through May 2021, 24 new filers (total filers in Medford = 125)

Opportunities & Needs

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

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Airplane Noise

MAY 2021 Prior Month Update

Current Activity

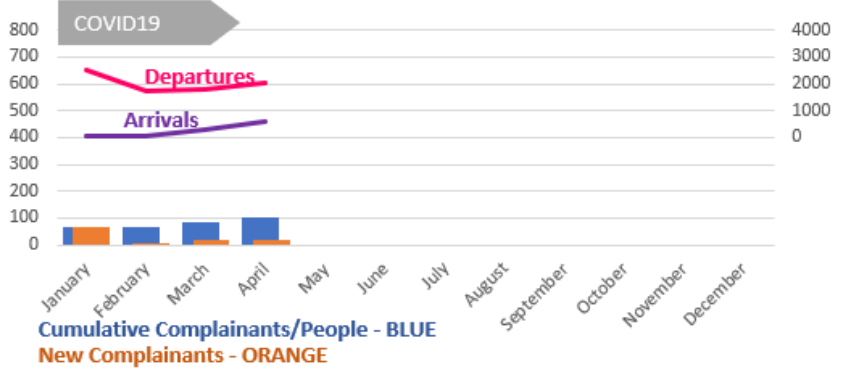
Upcoming Events

- May (5/11) MCAC executive meeting
- May (5/11) MCAC general meeting
- June (6/8) MCAC executive meeting
- June (6/8) MCAC general meeting

- Almost 3000 public comments, nationwide, and about 20-25 comments are from the Boston NW area (many from Medford residents)
- FAA and MIT are actively collaborating on feasible procedures for 33L (as of January 2021, at least)
- **Asked Massport+MIT+FAA for additional detailed information to assist with understanding the proposal**
- **New Plant Tracking Websites!**
<https://planeference.com/medford/> - Medford
<https://planeference.com/planefinns/> -Milton

Number of People Filing Noise Complaints

2021 #Different People (ORANGE) Filing Complaints in Medford
(Cumulative in BLUE)



- **80** Individual Medford Residents Filed **10704** Complaints
- through April 2021, **16** new filers (total filers in Medford = 101)

Opportunities & Needs

- Need to move tracks AWAY from Medford Schools!
- Need **dispersion** of aircraft departures from 33L
- Need DNL data from MIT study team for models
- **Continue** pressure on FAA and Massport to put forward a **feasible dispersion** concept
- (O) The Schultz Curve applicability is officially being questioned as a basis for policy. Residents should be encouraged to comment and say the old way of noise and airport route planning is not satisfactory
- New tracking websites:

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Airplane Noise

APR 2021 Prior Month Update

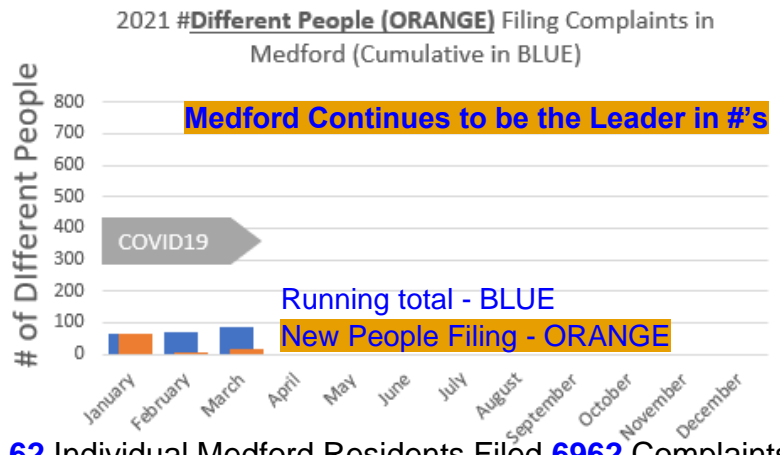
Current Activity

Upcoming Events

- April (4/6) MCAC executive meeting
- April (4/8) MCAC general meeting
 - MIT proposed changes, presumably initially vetted by FAA!!!
- May (5/11) MCAC executive meeting
- May (5/11) MCAC general meeting

- Comment Period for Federal Comments to the FAA NES Study is EXTENDED until 4/15/21
- Almost 3000 public comments, nationwide, and about 20-25 comments are from the Boston NW area (many from Medford residents)
- FAA and MIT are actively collaborating on feasible procedures for 33L (as of January 2021, at least)
 - MIT proposed changes, presumably initially vetted by FAA!!!
 - STILL Need to move tracks AWAY from Medford Schools!

Number of People Filing Noise Complaints



- 62 Individual Medford Residents Filed 6962 Complaints
- through March 2021, 16 new filers

Opportunities & Needs

- Need to move tracks AWAY from Medford Schools!
- Need **dispersion** of aircraft departures from 33L
- Need DNL data from MIT study team for models
- **Continue** pressure on FAA and Massport to put forward a **feasible dispersion** concept
- (O) The Schultz Curve applicability is officially being questioned as a basis for policy. Residents should be encouraged to comment and say the old way of noise and airport route planning is not satisfactory

Comments should be submitted here:

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Airplane Noise

MAR 2021 Prior Month Update

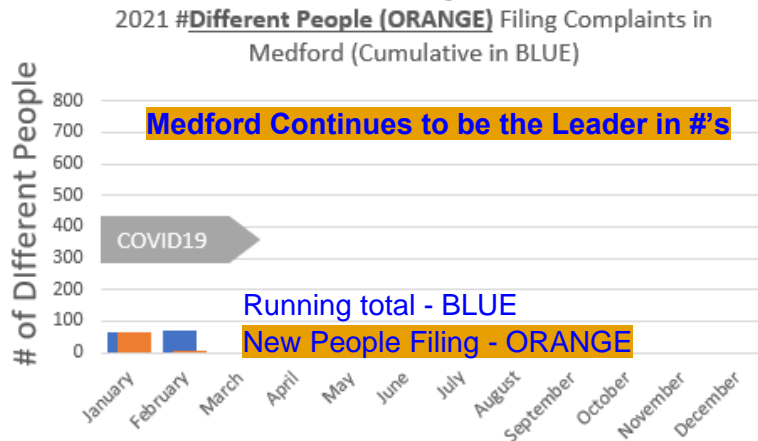
Current Activity

Upcoming Events

- February (2/9) MCAC executive meeting
- February (2/11) FAA presentation to MCAC on community noise assessment study (NES)
- February (2/22) FAA National Public Forum for noise assessment Zoom Meeting
- April (4/6) MCAC executive meeting
- April (4/8) MCAC general meeting

- Comment Period for Federal Comments to the FAA NES Study is **EXTENDED** until 4/15/21
 - The report is here: <https://www.federalregister.gov/d/2021-00564/p-72>
 - Comments should be submitted here: <https://www.federalregister.gov/documents/2021/01/13/2021-00564/overview-of-faa-aircraft-noise-policy-and-research-efforts-request-for-input-on-research-activities#open-comment>
- Almost 1500 public comments, nationwide, and about 20-25 comments are from the Boston NW area (many from Medford residents)
- Massport filed a public comment to the NAS
- FAA and MIT are actively collaborating on feasible procedures for 33L (as of January 2021, at least)

Number of People Filing Noise Complaints



- 54 Individual Medford Residents Filed 6661 Complaints through February 2021, 3 new filers

Opportunities & Needs

- Need **dispersion** of aircraft departures from 33L
- Need DNL data from MIT study team for models
- **Continue** pressure on FAA and Massport to put forward a **feasible dispersion** concept
- (O) The Schultz Curve applicability is **officially** being questioned as a basis for policy. Residents should be encouraged to comment and say the old way of noise and airport route planning is not satisfactory

Comments should be submitted here:

<https://www.federalregister.gov/documents/2021/01/13/2021-00564/overview-of-faa-aircraft-noise-policy-and-research-efforts-request-for-input-on-research-activities#open-comment>

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Airplane Noise

FEB 2021 Prior Month Update

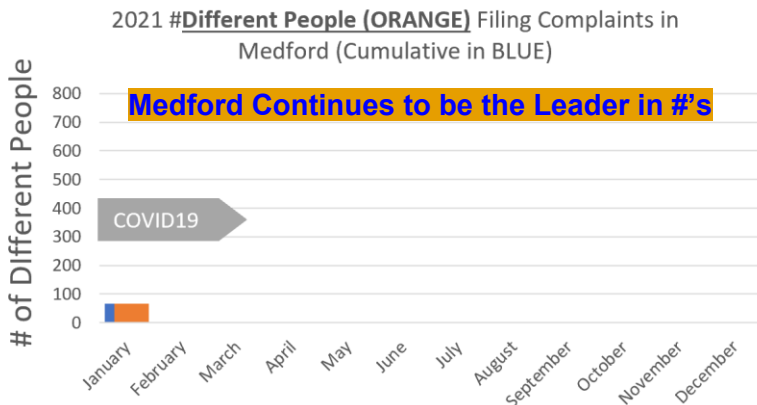
Current Activity

Upcoming Events

- February (2/9) MCAC executive meeting
- February (2/11) FAA presentation to MCAC on community noise assessment study (NES)
- February (2/22) FAA National Public Forum for noise assessment Zoom Meeting

- The Federal Aviation Administration (FAA) will hold a public webinar to present its recently-released Noise Research Portfolio and Neighborhood Environmental Survey on Monday, Feb. 22, 2021, at 6:00 p.m. ET
 - Need to register (AHEAD OF TIME) here : https://faavideo.zoomgov.com/webinar/register/WN_4F9_0YUORy6Z8pstpDCHUQ
- Comment Period for Federal Comments to the FAA NES Study is open until 3/15/21
 - The report is here: <https://www.federalregister.gov/d/2021-00564/p-72>
 - Comments should be submitted here: <https://www.federalregister.gov/documents/2021/01/13/2021-00564/overview-of-faa-aircraft-noise-policy-and-research-efforts-request-for-input-on-research-activities#open-comment>

Number of People Filing Noise Complaints



- 66 Individual Medford Residents Filed 13536 Complaints
- through January 2021

Opportunities & Needs

- Need **dispersion** of aircraft departures from 33L
- Need DNL data from MIT study team for models
- **Continue** pressure on FAA and Massport to put forward a **feasible dispersion** concept
- (O) The Schultz Curve applicability is being questioned as a basis for policy. Residents should be encouraged to comment and say the old way of noise and airport route planning is not satisfactory

Comments should be submitted here:

<https://www.federalregister.gov/documents/2021/01/13/2021-00564/overview-of-faa-aircraft-noise-policy-and-research-efforts-request-for-input-on-research-activities#open-comment>

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JAN 2021 Prior Month Update

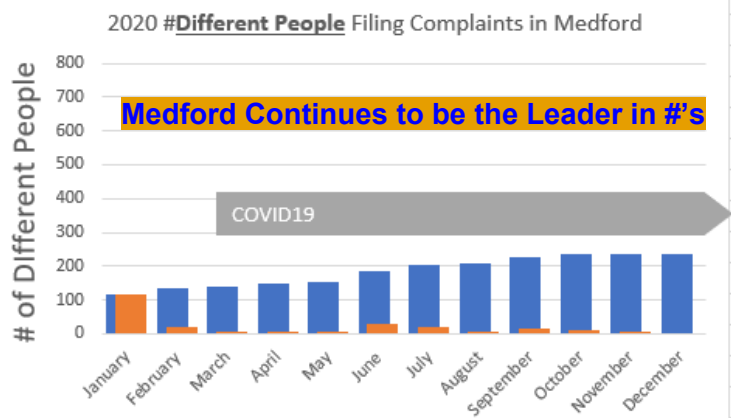
Upcoming Events

- January (1/12) MCAC executive meeting
- January (1/14) MCAC general meeting
- February (2/9) MCAC executive meeting

Current Activity

- FAA informed the MCAC they are actively sharing information and coordinating activities with MIT, reaffirming the MOU
- FAA provided a review copy to the MCAC for the speed schedule study under Section 179 of the Reauthorization
- There was a 15R CATEX for DME change to waypoints upstream of MALDY – not expected to impact Medford
- FAA briefed at MCAC 14JAN (slides will be public)
 - Offered a briefing on the recent Noise Survey Study
 - Showed new Consolidated Wake Turbulence separations did not increase operations; Logan is constrained in throughput by runway occupancy time
 - Block 2 resumption, FAA views there are options and opportunities, working with MIT and Industry

Number of People Filing Noise Complaints



Opportunities & Needs

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

- **61** Individual Medford Residents Filed **8928** Complaints through December 2020, - **WHOLE YEAR** was 234 people and 107K complaints

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Airplane Noise

DEC 2020 Prior Month Update

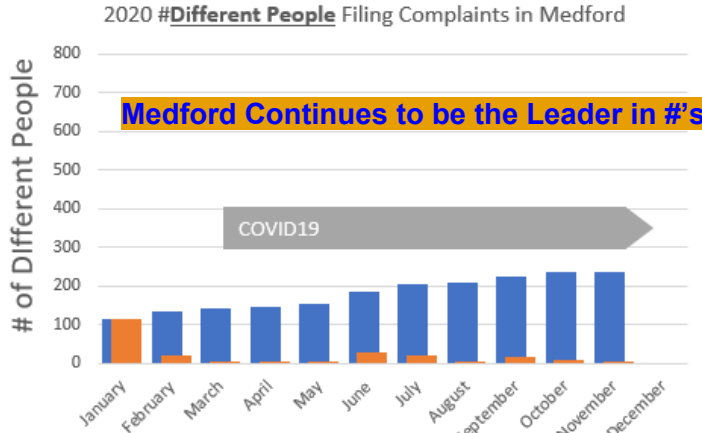
Upcoming Events

- January (1/12) MCAC executive meeting
- January (1/14) MCAC general meeting
- February (2/9) MCAC executive meeting

Current Activity

- (09/30/20) RNAV Study Briefing Update
- (10/14/20) Medford Led the Regional Response
- Realtime Air Quality Meter (map is at www.purpleair.com)
- Medford MCAC rep entered the recent municipal and federal letters into the MCAC record and proposed a motion for MCAC to formally ask FAA and Massport to present a solution (passed unanimously)

Number of People Filing Noise Complaints



- 66 Individual Medford Residents Filed 9219 Complaints through November 2020, 1 new filer

Opportunities & Needs

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

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Airplane Noise

NOV 2020 Prior Month Update

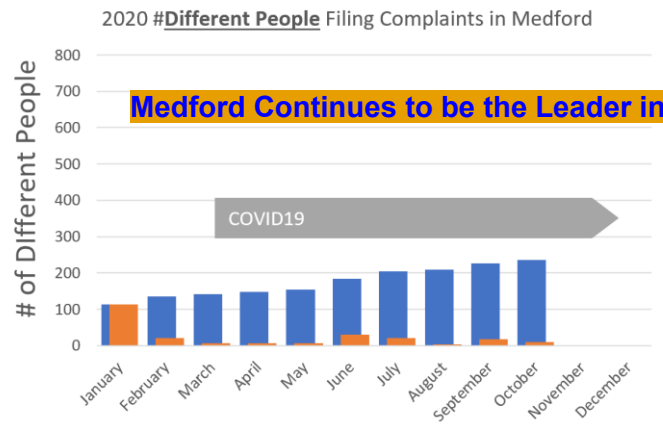
Upcoming Events

- December (12/8) MCAC executive meeting
- January (1/12) MCAC executive meeting
- January (1/14) MCAC general meeting

Current Activity

- Attended the RNAV Study Briefing Update (30Sep, virtual)
Materials from the meeting can be accessed here:
<http://massportcac.org/library/rnav-block-2-procedures-update/>
- (10/14/20) Medford Led the Regional Response
- Private Air Quality Meter installed in central Medford
 - Real time map can be seen at www.purpleair.com
- Medford entered the recent municipal and federal letters into the MCAC record and proposed a motion for MCAC to formally ask FAA and Massport to present a solution, it passed unanimously.

Number of People Filing Noise Complaints



- **83** Individual Medford Residents Filed **10083** Complaints through **October** 2020, **10** new filers

Opportunities & Needs

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

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Airplane Noise

Oct 2020 Prior Month Update

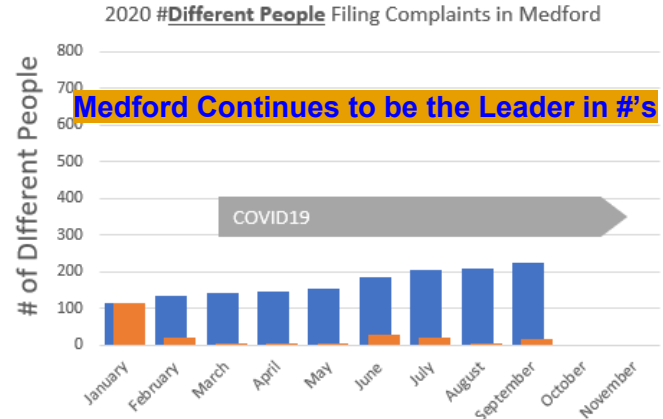
Upcoming Events

- October (10/29) MCAC executive director search committee meeting
- November (11/4) MCAC annual meeting
- November (11/10) MCAC executive meeting

Current Activity

- Building a consensus response to the FAA rejection of MIT's dispersion concepts
- South of Boston, FAA is proposing an instrument approach to Runway 4-L at Logan Airport.
- Attended the RNAV Study Briefing Update (30Sep, 47 participants virtually)
 - FAA Ombudsman and Deputy Regional Administrator both in attendance
- (10/14/20) Medford Led the Regional Response to Massport and FAA to Express Disappointment at the FAA Rejection of All Block 2 Concepts and Lack of FAA Proposals to Address Noise Inequity they were responsible for.

Number of People Filing Noise Complaints



- **N** Individual Medford Residents Filed **N** Complaints through September 2020, **N** 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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Airplane Noise

Sep 2020 Prior Month Update

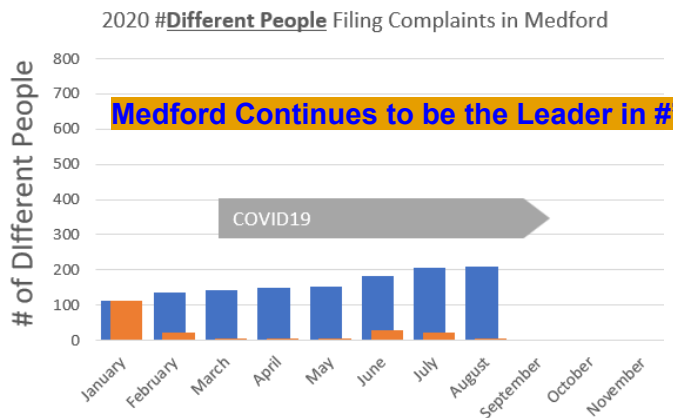
Upcoming Events

- September (9/8) MCAC executive meeting
- September (9/6) MCAC executive meeting
- October (9/8) 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
- 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

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Airplane Noise

Aug 2020 Prior Month Update

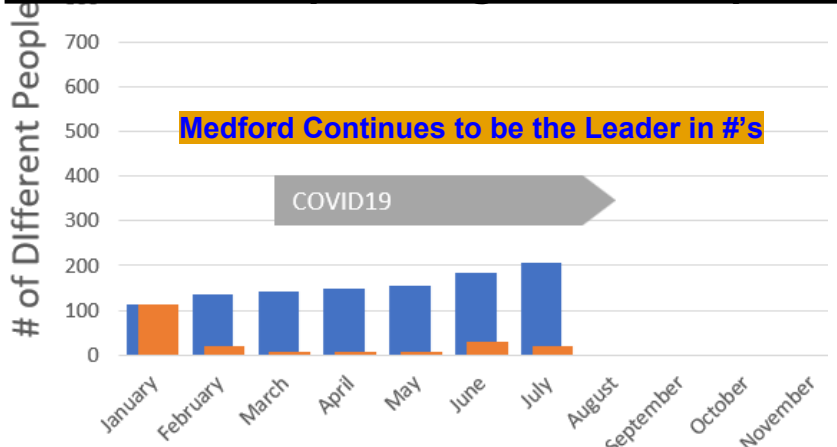
Upcoming Events

- 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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Airplane Noise

July 2020 Prior Month Update

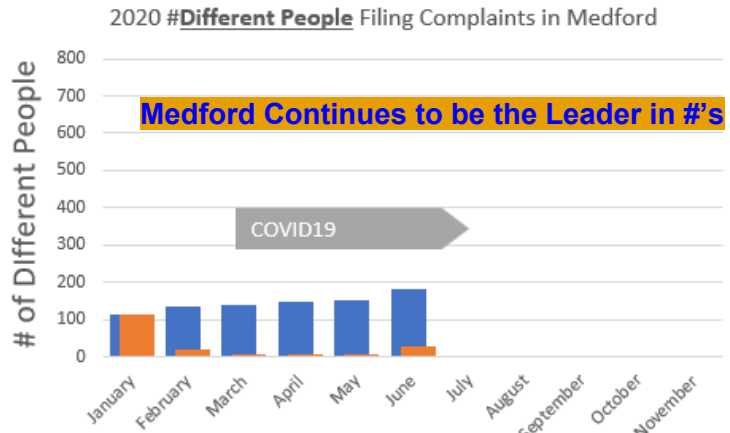
Upcoming Events

- 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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Airplane Noise

June 2020 Prior Month Update

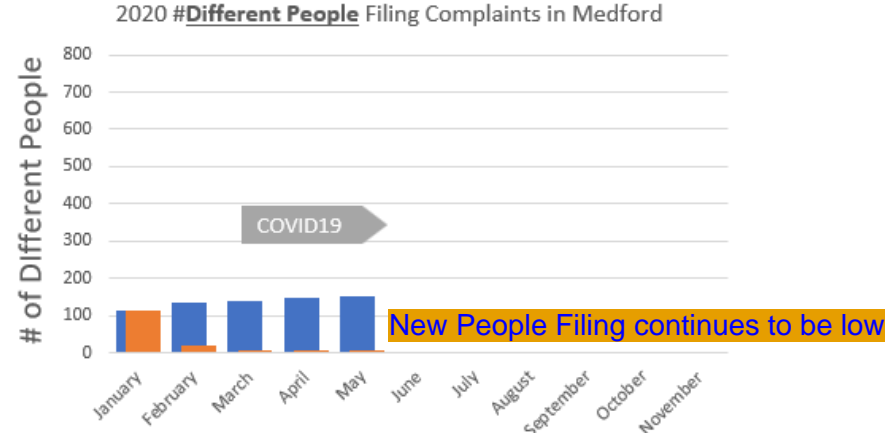
Upcoming Events

- 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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Airplane Noise

May 2020 Prior Month Update

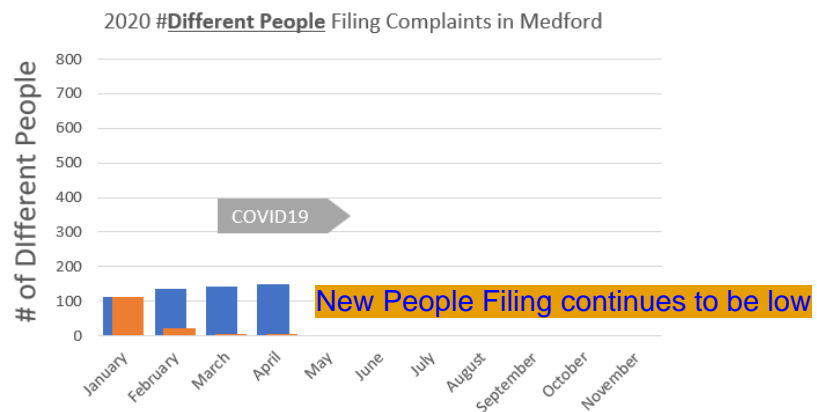
Upcoming Events

- 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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Airplane Noise

April 2020 End of Month Update

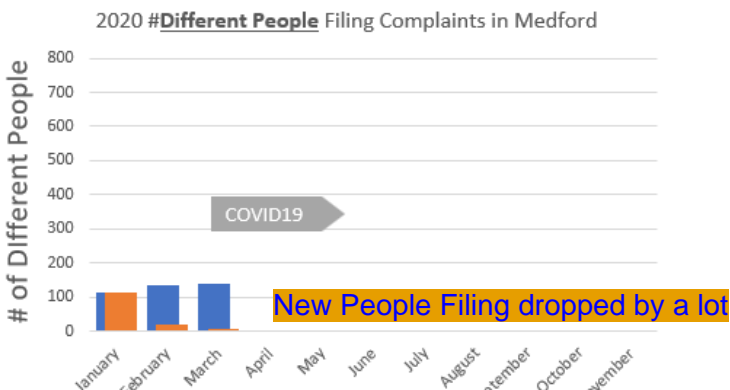
Upcoming Events

- 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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Airplane Noise

February & March 2020 End of Month Update

Upcoming Events

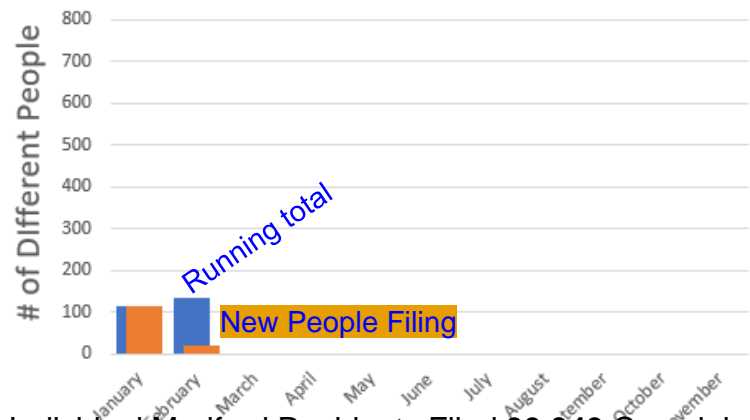
- TBD – COVID19
- April MCAC meeting cancelled. PH has asked ED Matt Romero if future meetings could be virtual. Awaiting response.

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

2020 #Different People Filing Complaints in Medford



• **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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Airplane Noise

January 2020 End of Month Update

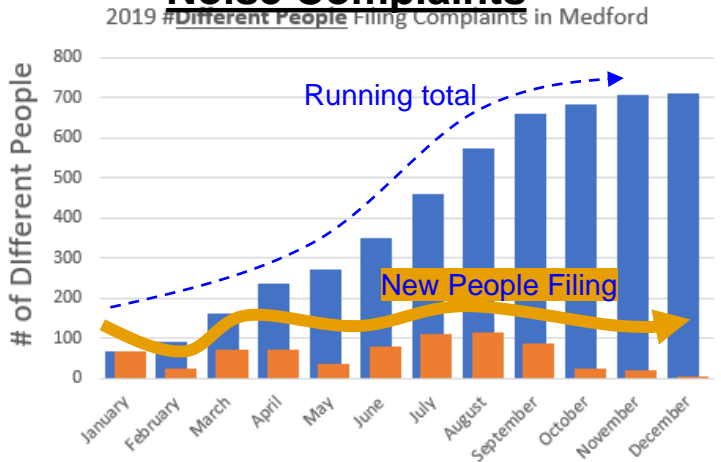
Upcoming Events

- 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?