

**DATA COMMITTEE:
REPORT 2
November 2024**

Report 2 Items

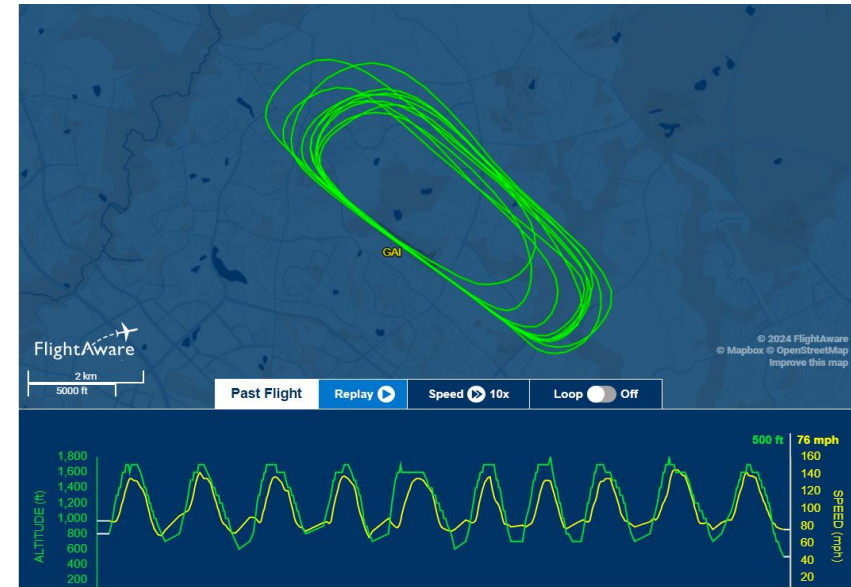
- 1. FAA Noise Complaint Data Request**
- 2. Results from Airport Monitoring Systems
Vendor Meeting**
- 3. Other Flight Safety Data**
- 4. Operations Data from Other Airports in our
Vicinity**

FAA Noise Data

- ✓ Justin has made several requests for more information from the FAA but has not heard back.

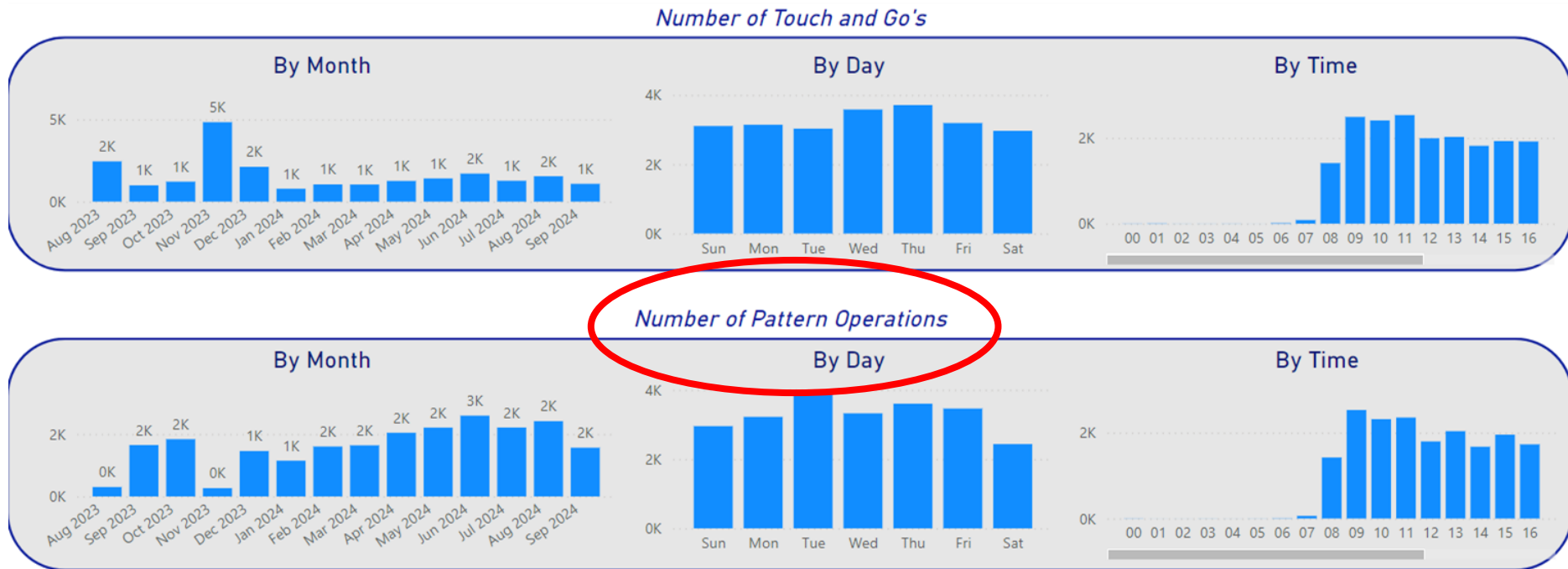
Data from Airport Monitoring Systems

- ✓ Meeting held on 11/1/2024
- ✓ Vendor stated it is likely they are missing some touch and goes based on their data filtering rules
- ✓ The example shown to the right may not be accurately captured by current rules
- ✓ This depicts an aircraft taking off and staying in the pattern (10 Touch and Goes)
- ✓ Number of Pattern Operations can, for now, serve as a proxy for Touch and Goes



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- ✓ Vendor confirmed rough similarity in the data categorized as “Number of Pattern Operations” with a simple counting methodology



Recommendations for KGAI Data Vendor for Touch and Goes

- ✓ ***Formally request the vendor determine filtering rules that would accurately capture the number of touch and goes.***
- ✓ Report must capture aggregate number of touch and goes as well as the number of touch and goes executed by individual aircraft (N number).
 - Ensure scenarios where aircraft take off and fly repeated patterns is accurately captured
- ✓ Vendor believes this is possible with the current data
- ✓ Unsure of level of effort or cost

Flight Safety Data

- ✓ There is no consolidated location for Safety Data
- ✓ Multiple Sources
 - ✓ NTSB: https://www.nts.gov/safety/data/Pages/Data_Stats.aspx
 - ✓ FAA
 - ✓ ASRS (Aviation Reporting Safety System):
<https://asrs.arc.nasa.gov/search/database.html>
- ✓ FAA data requires a FOIA request which can cost money
- ✓ There are other searchable databases, but they rely on official data
- ✓ Aviation Safety Network: <https://asn.flightsafety.org/database/>
- ✓ ***Recommendation: Make FOIA request to obtain all safety related data from FAA. Must be very specific and may incur costs.***

Operations Data

- ✓ Used FAA Dataset: <https://aspm.faa.gov/opsnet/sys/Airport.asp>
- ✓ Pulled data from Frederick, Hagerstown, Easton, Leesburg
- ✓ Total Operations (Towered Airports)

Airport	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
KFDK	67,099	61,374	72,562	79,628	91,331	85,043	86,558	83,716	100,921	65,999
KHGR	49,902	50,299	51,774	44,457	45,422	32,889	37,491	39,322	36,049	24,644
KESN	74,581	69,942	71,971	71,410	73,515	61,963	73,201	58,717	65,789	43,591
JYO	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22,742	74,538
KGAI	N/A	N/A	N/A	N/A	N/A	N/A	N/A	47,159	69,308	76,656

KFDK: Frederick


KHGR: Hagerstown

KESN: Easton

KJYO: Leesburg (Partial data for 2023)

KGAI: Montgomery Airpark (non-towered)

Note: 2024 Thru 11/18/2024



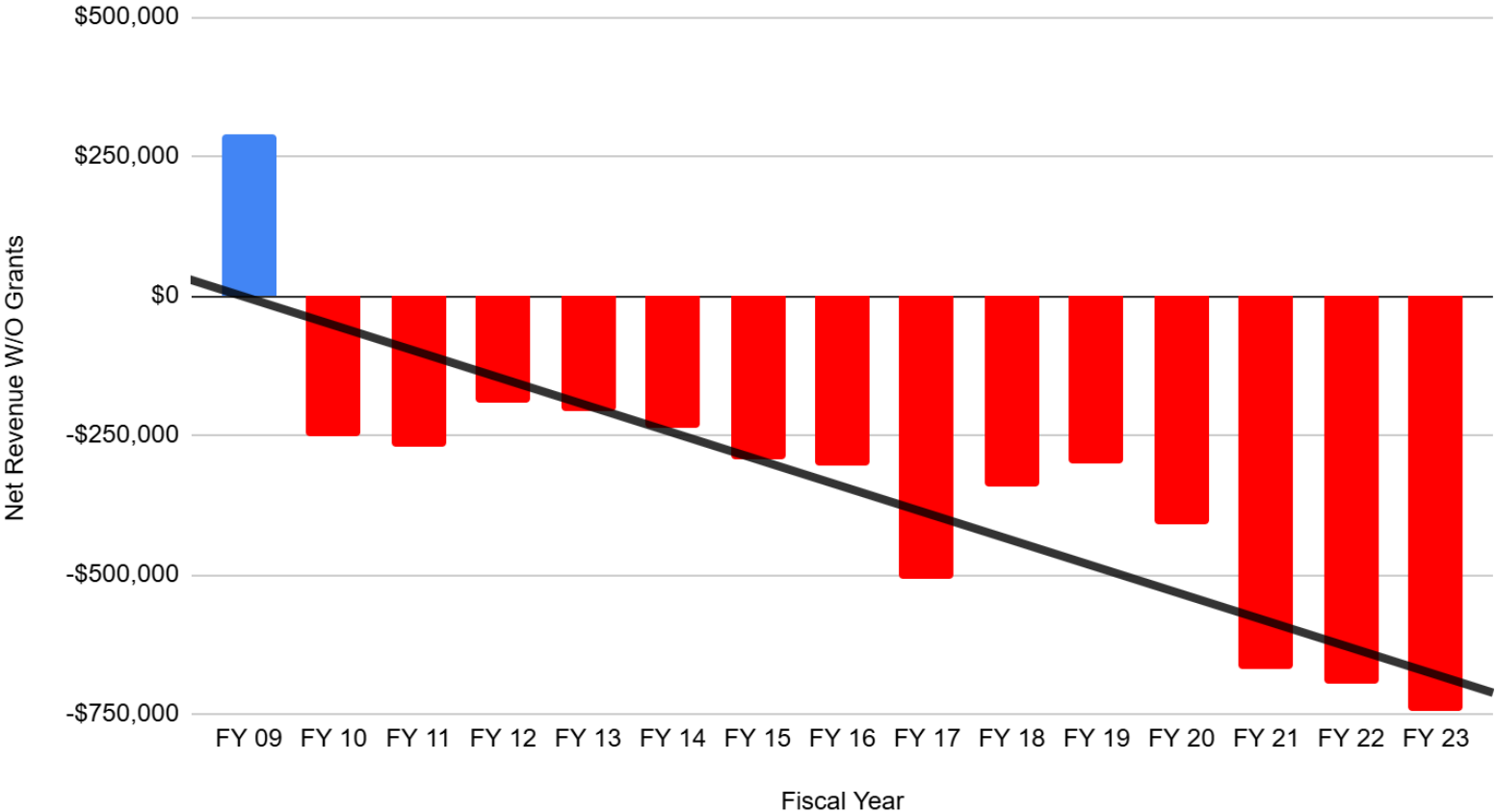
Additional Data Points: Revenue and Grant Information

Airpark Revenue Data (from MCRA Data)

Fiscal Year	Net Revenue	Reported Grants	Net Revenue W/O Grants
FY 09	\$291,583	\$0	\$291,583
FY 10	-\$250,381	\$0	-\$250,381
FY 11	\$2,720,137	\$2,988,840	-\$268,703
FY 12	-\$191,453	\$0	-\$191,453
FY 13	\$248,340	\$453,455	-\$205,115
FY 14	\$150,774	\$385,717	-\$234,943
FY 15	-\$231,174	\$63,452	-\$294,626
FY 16	-\$303,503	\$0	-\$303,503
FY 17	-\$508,505	\$0	-\$508,505
FY 18	-\$341,003	\$0	-\$341,003
FY 19	\$2,622,369	\$2,923,420	-\$301,051
FY 20	-\$73,730	\$336,513	-\$410,243
FY 21	-\$493,317	\$174,149	-\$667,466
FY 22	-\$612,045	\$81,558	-\$693,603
FY 23	-\$663,075	\$82,000	-\$745,075
Totals	\$2,365,017	\$7,489,104	-\$5,124,087

KGAI Revenue Profile W/O Grants (MCRA Data)

Net Revenue W/O Grants vs. Fiscal Year



Grant Data From FAA: \$22,650,075

No Maryland Grants Included

Sort Order (airport)-NoProject	Fiscal Year	Loc ID	Grant Nbr Formatted	AIP		Covid Relief		Grand Total	
				Funds	# of Grants	Funds	# of Grants	Funds	# of Grants
2006-01-01GAI3-24-0018-013-2006	FY 2006	GAI	3-24-0018-013-2006	\$492,066	1			\$492,066	1
2007-01-01GAI3-24-0018-014-2007	FY 2007	GAI	3-24-0018-014-2007	\$1,451,478	1			\$1,451,478	1
2007-01-01GAI3-24-0018-015-2007	FY 2007	GAI	3-24-0018-015-2007	\$211,597	1			\$211,597	1
2007-01-01GAI3-24-0018-016-2007	FY 2007	GAI	3-24-0018-016-2007	\$152,262	1			\$152,262	1
2008-01-01GAI3-24-0018-017-2008	FY 2008	GAI	3-24-0018-017-2008	\$128,935	1			\$128,935	1
2008-01-01GAI3-24-0018-018-2008	FY 2008	GAI	3-24-0018-018-2008	\$46,545	1			\$46,545	1
2008-01-01GAI3-24-0018-019-2008	FY 2008	GAI	3-24-0018-019-2008	\$139,985	1			\$139,985	1
2009-01-01GAI3-24-0018-020-2009	FY 2009	GAI	3-24-0018-020-2009	\$348,064	1			\$348,064	1
2010-01-01GAI3-24-0018-021-2010	FY 2010	GAI	3-24-0018-021-2010	\$2,607,597	1			\$2,607,597	1
2011-01-01GAI3-24-0018-022-2011	FY 2011	GAI	3-24-0018-022-2011	\$2,990,727	1			\$2,990,727	1
2014-01-01GAI3-24-0018-023-2014	FY 2014	GAI	3-24-0018-023-2014	\$35,879	1			\$35,879	1
2015-01-01GAI3-24-0018-024-2015	FY 2015	GAI	3-24-0018-024-2015	\$1,433,198	1			\$1,433,198	1
2015-01-01GAI3-24-0018-025-2015	FY 2015	GAI	3-24-0018-025-2015	\$47,999	1			\$47,999	1
2015-01-01GAI3-24-0018-026-2015	FY 2015	GAI	3-24-0018-026-2015	\$170,449	1			\$170,449	1
2015-01-01GAI3-24-0018-027-2015	FY 2015	GAI	3-24-0018-027-2015	\$403,276	1			\$403,276	1
2016-01-01GAI3-24-0018-028-2016	FY 2016	GAI	3-24-0018-028-2016	\$5,233,219	1			\$5,233,219	1
2017-01-01GAI3-24-0018-029-2017	FY 2017	GAI	3-24-0018-029-2017	\$2,749,145	1			\$2,749,145	1
2020-01-01GAI3-24-0018-030-2020	FY 2020	GAI	3-24-0018-030-2020			\$69,000	1	\$69,000	1
2021-01-01GAI3-24-0018-031-2021	FY 2021	GAI	3-24-0018-031-2021	\$228,767	1	\$26,939	1	\$255,706	1
2021-01-01GAI3-24-0018-032-2021	FY 2021	GAI	3-24-0018-032-2021			\$23,000	1	\$23,000	1
2022-01-01GAI3-24-0018-033-2022	FY 2022	GAI	3-24-0018-033-2022			\$59,000	1	\$59,000	1
2023-01-01GAI3-24-0018-034-2023	FY 2023	GAI	3-24-0018-034-2023	\$148,500	1			\$148,500	1
Grand Total				\$19,019,687	19	\$177,939	4	\$19,197,626	22
FY2024: From Separate FAA Report								\$ 3,452,449	

FAA Grant Data

- ✓ FAA Data Only
- ✓ Purpose of Each Individual Grant Not Provided
- ✓ Value of MAA Grants Not Included (unknown at this time)
- ✓ Total Value of FAA Grants FY06-FY24: \$22,650,075

Public Information Provided by Other Airports

- ✓ Some airports provided a significant amount of information about their operations
 - ✓ Grant info
 - ✓ Airport Plans
- ✓ Easton is particularly good
- ✓ They provide a monthly update about what they are doing and what their plans are for the airport
- ✓ <https://eastonairport.com/management-board/>
- ✓ MCRA does NOT provide this type of information on the website (flight data IS provided as noted)

Recommendations

- ✓ Provide clear summary of proposed improvements the MCRA is planning for KGAI
- ✓ Include plans for Grant Funding
- ✓ For example, a letter from the FAA to Justin Bollum (dated November 14th 2023) has a summary of proposed improvements that have been requested by MCRA.
- ✓ This information should be made available to the public on the website in a clear and concise manner as well as the official request letters.