Airport Advisory Board Regular
Thursday, April 25, 2024 at 2:00 PM

City Commission Chambers
214 Sams Avenue, New Smyrna Beach, Florida 32168

1. CALL TO ORDER

A. Roll Call

2. PRESENTATION

2.A The New Smyrna Beach Garden Club Presentation

2.B VFW Post 4250 will make a presentation on their organization.

2.C Lions Club Presentation

3. PUBLIC INPUT (THREE MINUTE LIMIT)

4. CONSENT AGENDA

4.A Consider the Approval of the Airport Advisory Board Regular Meeting Minutes from January 25, 2024

4.B Consider the Approval of the Airport Advisory Board Workshop Meeting Minutes from March 07, 2024

5. AIRPORT NOISE ABATEMENT

5.A Continued Education and Outreach with Flight Schools

5.B Designation of a Calm Wind Runway

5.C Raising the Pattern Altitude to 1,000 feet

5.D Simplify the Voluntary Noise Abatement Procedure (VNAP) Hours

6. OLD BUSINESS

7. NEW BUSINESS

7.A Fuel Resolution Revision

8. AIRPORT MANAGER COMMENTS

8.A Airport Manager Update

9. AAB MEMBERS COMMENTS

10. NEXT MEETING DATE

Thursday July 25, 2024 at 2PM

11. ADJOURNMENT

Pursuant to Florida Statutes 286.0105, if an individual decides to appeal any decision made by the board, agency or commission of the City of New Smyrna Beach with respect to any matter considered at this meeting, a record of the proceedings will be required and the individual will need to ensure that a verbatim transcript of the proceedings is made, which record includes the testimony and evidence upon which the appeal is based. Such person must provide a method for recording the proceedings.

In accordance with the Americans with Disabilities Act, persons needing assistance to participate in any of these proceedings should contact the City Clerk's office in person or by mail at 210 Sams Avenue, New Smyrna Beach, Florida 32168, (386) 410-2630, prior to the meeting.

THE CITY OF NEW SMYRNA BEACH - AIRPORT

THE NEW SMYRNA BEACH GARDEN CLUB PRESENTATION

April 25, 2024

Background:

Members from the New Smyrna Beach Garden Club will make a presentation on their organization.

Fiscal Analysis:

N/A

Strategic Plan Item:

No

Staff Report Created By: Tammy Hall

THE CITY OF NEW SMYRNA BEACH - AIRPORT

VFW POST 4250 WILL MAKE A PRESENTATION ON THEIR ORGANIZATION.

April 25, 2024

Background:

Members from VFW will make a presentation on their organization.

Fiscal Analysis:

N/A

Strategic Plan Item:

No

Staff Report Created By: Tammy Hall

THE CITY OF NEW SMYRNA BEACH - AIRPORT

LIONS CLUB PRESENTATION

April 25, 2024

Background:

Members from the Lions Club will make a presentation on their organization.

Fiscal Analysis:

N/A

Strategic Plan Item:

No

Staff Report Created By: Tammy Hall

THE CITY OF NEW SMYRNA BEACH - AIRPORT

CONSIDER THE APPROVAL OF THE AIRPORT ADVISORY BOARD REGULAR MEETING MINUTES FROM JANUARY 25, 2024

April 25, 2024

Background:
The Airport Advisory Board regular meeting minutes from January 25, 2024 are attached for your review.

Findings:
Staff recommends the approval of the Airport Advisory Board meeting minutes from January 25, 2024.

Fiscal Analysis:
N/A

Strategic Plan Item:
No

Staff Report Created By: Tammy Hall

Attachments:

AAB Minutes 01.25.24.pdf

Airport Advisory Board
Thursday, January 25, 2024 at 2:00 PM
MINUTES

City Commission Chambers, 214 Sams Avenue, New Smyrna Beach, FL 32168

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1. CALL TO ORDER

Having been duly advertised as required by law, the regular meeting of the Airport Advisory Board of the City of New Smyrna Beach, Florida, was held on Thursday, January 25, 2024 at the Ci ty Commission Chambers, 214 Sams Avenue, New Smyrna Beach, FL 32168.

Chair James Dempsey called the meeting to order at 2:00 PM.

Present: Chair James Dempsey, Vice Chair Rulon "Jim" Starley, Member Celeste Lester, Member David Maib, and Member Gary Norville

Absent: None

Also present were Airport Manager Arvin Weese, Assistant Airport Manager Jacob Cosat, and Airport Coordinator Tammy Hall.

2. PRESENTATION

No Action

3. PUBLIC PARTICIPATION

No Action

4. CONSENT

4.A Consider the approval of the Airport Advisory Board regular meeting minutes from November 2, 2024

Motion:

Member Maib moved to approve the November 2, 2024 Airport Advisory Board minutes and Member Lester seconded the motion, and the motion carried unanimously.

4.B Consider the approval of the Airport Advisory Board Special Meeting minutes from November 15, 2024

Motion:
Member Norville moved to approve the November 15, 2024 Airport Advisory Board special meeting minutes and Member Lester seconded the motion, and the motion carried unanimously.

5. AIRPORT MANAGERS REPORT

Airport Manager Weese gave updates on the Noise study update

- Noise study update: Presentation of findings will be presented to the City Commission on February 27th. A Special AAB Meeting is scheduled for March 7th for the AAB to review and vote on recommendations given by the consultants.
- Voluntary Noise Abatement: Airport staff continues to meet monthly with Epic and other City staff to review the previous month's activities. Shared with the AAB the past twelve months of information provided by Virtower.
    - ***Member Norville:*** Asked for clarification of when the AAB recommendations from the noise study update would be shared with the City Commission. ***Manager Weese:*** Shared after that once the AAB votes on a new recommendation the Airport staff will implement the changes.
    - ***Chair Dempsey***: Will the consultant be present on the 27th to share findings with the individual AAB members? ***Manager Weese:*** The consultants will not be present, but Manager Weese will be familiar with the presentation as he will present for the individual presentation to the City Commission on February 26th.
- VNAP (Voluntary Noise Abatement Program) Diagram: Assistant Airport Manager Cosat has revised the VNAP drawing to include language that is clearer to understand along with revising the flight lines to reflect actual flight patterns.
    - ***Chair Dempsey:*** Asked when there are Runway closures if the city website could send notifications of changes to the patterns or runway closures. ***Manager Weese:*** Will work with the Public Communications Officer to see how this could be implemented. Discussion ensued amongst all members of the possible pros and cons of adding notifications to the city residents.
    - **Member Norville**: Shared that with the previous noise study AAB recommended to the City Commission that realtors must disclose to home buyers they are buying by an airport, and this was not passed. Member Norville wants that recommendation to be considered with the noise study update.

Assistant Airport Manager Cosat discussed Capital Improvement Projects:

- Backup AWOS: Contractor, RVA, will be out in the next 60 days to install and complete project.
- Taxiway A: Preconstruction meeting will be held in a couple of weeks with construction starting at the end of February or early March.
- Fuel Farm Rehab: Redesigned to add three phase power to the farm. Awaiting amendment from consultant for redesign and rebid services.
- Airport Administrative Building Design: January 9th airport staff, city staff and consultants had a project kick off meeting to start the redesign process.
    - ***Chair Dempsey*** asked what the next step is for the design. ***Manager Weese:*** Next step will be reviewing the initial drawings and elevations and sharing them with the AAB.
    - ***Member Norville***: How will this Admin building compare to Deland? ***Assistant Airport Manager:*** Will be the same layout but on a smaller scale with 4500 to 5000 square feet.
    - ***Member Maib***: Has staff looked at other airport admin offices? ***Assistant Airport Manager***: Yes, and for our size this is the typical style admin building.
- Air Traffic Control Tower (ATCT) Rehab: Contractor has nearly completed the rehabilitation which includes a new LED beacon and electric window shades. Expect to finish the project in the next month.
    - ***Chair Dempsey***: What does the ATCT manager think of the rehabilitation of the ATCT? ***ATCT Manager***: Project has been outstanding, new beacon is awesome, all windows have been sealed, overall visibility has been enhanced, and all leaks have been fixed.
- Taxiway B Rehab and Runway 7/25 realignment: Survey and Core samples were completed this week. Construction phase of this project will begin in the fall or early 2025.
- Runway 7/25, 29 PAPI (Precision Approach Path Indicator) and Electrical Vault Improvements: Project is on schedule and construction to begin at the end of 2024 or early 2025. The vault improvements will include removing the existing generator and installation of a new generator.
- T Hangar F Rehab: Needed steel has arrived so work can resume on the north side rehab on February 1st. Steel was painted and sealed by the contractor before installation. South side rehab will begin on March 1st and will be completed within 60 days to complete project.

Assistant Airport Manager Cosat update of local projects that are funded solely by the Airport fund:

- Hangar E Improvement: Door tracks were improved last year. Next week we will begin the installation of vertical door brushes and then work with the city to start the bid process for the purlin replacements.

- Maintenance Shed: Previously shared the site plan, we have the permit to start the process. Anticipate being near completion by the next AAB regular meeting.
- Comprehensive Building Improvement Plan: An example of why this plan is needed would be 1501 Airway and the repairs that have had to be completed in FY23 and FY24. We are working with a consultant to create our plan to inspect all airport buildings and help us to know when things will need to be replaced or repaired now and in the coming years.
- Airport Ops Vehicles: Airport has a new Ops truck for the Airport Managers to utilize. Updated the markings on all ops vehicles for the ATCT to see the number and to make it more recognizable as an airport department vehicle.

Airport Manager Weese gave Property Management Items Update:

- Master Plan Exhibit A: 2019 Master plan has a property map, but it does not meet the FAA standards to be an Exhibit A. This is needed to receive FAA approval to grant easements to the NSBU or expand an area of a land lease. FAA has agreed to provide 90% funding for this in the next airport construction grant in late 2024 and will take 6 to 8 months to complete.
- Non-Profit Lease Updates: The VFW, Lions Club, and the Garden Club lease land from the airport. To comply with the FAA, these leases must be revised and taken to the City Commission for approval along with justification for these organizations to continue with their annual rent of $1 to $10.
    - ***Chair Dempsey*** asked who owns the garden club and the lions club. ***Manager response:*** the organization owns the buildings and just leases the land.
    - ***Chair Dempsey*** asked for more details on the Lions Club and Garden Club to help with justification submission to the FAA. ***Manager Response:*** Airport staff will send the AAB additional information on each tenant and then answer questions. These tenants will be invited to the April meeting to speak with the AAB. AAB members can also arrange with the Airport staff to tour these facilities.
- Request for Proposal (RFP) for Land Lease: Waiting for the revised scope from the consultant, Kimley Horn. Chris Edwards is looking at potential grant funding for this project. Airport staff will also budget the cost in FY25 for this to be completed if needed.
    - Chair Dempsey asked if there is a time frame for this. Airport Manager: We are waiting on the Economic Development department to secure the funding and see if the scope can be reduced to reduce the $100,000 initial proposal.
- Hangar Inspections: Inspections will begin on February 5th and be completed on February 6th. Chair Dempsey has agreed to participate in these inspections with the Airport Managers.

Airport Manager Weese discussed the Fuel Contract RFP:

- Had six fuel providers submitted proposals and after review Titan Fuels was awarded the five-year contract with one option to renew. Titan was the previous fuel supplier so there will be no change in services for the airport users. As part of their proposal is installing a new sign on our fuel farm.

Airport Manager Weese gave an update on the SUN Trail project:

- SUN Trail: Manager Weese thanked the AAB for their support with the SUN Trail project. City Commission did decide to move forward with the design grant request for adding a trail on the west side of the airport. Grant is expected to be awarded to the City in July 2024. Airport staff will be included in the design phase of this project and will be shared with the FAA and the Aviation department of FDOT (Florida Department of Transportation).

Assistant Airport Manager Cosat gave report on other business:

- Airport App: Airport Staff have been discussing the possibility of starting an NSB Airport app. This would allow T Hangar tenants and other airport users to post items for sale and to communicate with each other. Airport staff would also be able to send out notifications.
    - ***Chair Dempsey:*** Have the other AAB members seen apps being used at other airports. ***Member Responses:*** Have not seen an airport app but will be interested to see.
    - ***Chair Dempsey:*** How does this work with the Sunshine laws, would it be public record? ***Manager Responses:*** Staff will have discussions with the City legal team.
    - ***Member Lester:*** Likes the idea of the app so tourists can see all the City of NSB has to offer.
    - ***Member Norville:*** Likes the idea of an app but does not believe the AAB should be members because of the Sunshine Laws.
- New Employee: Craig Schultz has recently joined the airport staff as an Airport Ops Worker and will be cross trained with the other airport ops workers. Craig comes to us from Minnesota.
- NSB Airport Website: NSBAirport.com is the Airport website and staff would like the AAB to review the site and provide feedback or suggestions along with providing historical information about the airport.

AAB Comments and Questions on Report:

- **Manager Weese:** Offered to meet with AAB members individually the day before meetings to review agenda if desired. This is currently done with Chair Dempsey.

6. OLD BUSINESS

No Action

7. NEW BUSINESS

No Action

8. AIRPORT MANAGER COMMENTS

No Action

9. AAB MEMBERS COMMENTS

Member Norville*:** Asked for an update on the land located at the departure end of 20. This land was previously looking to build structures in this path and recently heard development discussions had resumed. ***Manager Weese: Will investigate this and will update the AAB.

Vice Chair Starley*:** What requirements will be in place for the land lease RFP for aviation focus? ***Manager Weese: Airport complaince with the FAA will guide the airport with these factors.

Member Lester: No questions but concerned about the SUN Trail and the safety of placing the trail at the airport

Chair Dempsey: Great meeting would like a tour of the tower to see the changes from the rehab project has been nearly completed. It was agreed that all AAB members would like a tour. Response: Staff will work with the ATCT Manager and schedule individual tours of the ATCT for the AAB members.

10. NEXT MEETING DATE

Special Meeting Thursday March 7, 2024 at 2pm
Regular AAB Meeting Thursday April 25, 2024 at 2pm

11. ADJOURNMENT

As there is no further business to discuss, Chair Dempsey adjourned this meeting at 3:40pm.

THE CITY OF NEW SMYRNA BEACH - AIRPORT

CONSIDER THE APPROVAL OF THE AIRPORT ADVISORY BOARD WORKSHOP MEETING MINUTES FROM MARCH 07, 2024

April 25, 2024

Background:
The Airport Advisory Board workshop meeting minutes from March 07, 2024 are attached for your review.

Findings:
Staff recommends the approval of the Airport Advisory Board workshop meeting minutes from March 07, 2024.

Fiscal Analysis:
N/A

Strategic Plan Item:
No

Staff Report Created By: Tammy Hall

Attachments:

AAB Minutes 03.07.24.pdf

Airport Advisory Board Special Meeting
Thursday, March 07, 2024 at 2:00 PM
MINUTES

City Commission Chambers, 214 Sams Avenue, New Smyrna Beach, FL 32168

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1. **CALL TO ORDER**

Having been duly advertised as required by law, the special meeting of the Airport Advisory Board of the City of New Smyrna Beach, Florida, was held on Thursday, March 07, 2024 at the City Commission Chambers, 214 Sams Avenue, New Smyrna Beach, FL 32168.

Chair James Dempsey called the meeting to order at 2:00 PM.

Present: Chari James Dempsey, Vice Chair Rulon "Jim" Starley, Member Celeste Lester, Member David Maib, and Member Gary Norville

Absent: Airport Coordinator Tammy Hall

Also present were Airport Manager Arvin Weese and Assistant Airport Manager Jacob Cosat

2. **PUBLIC PARTICIPATION**

Cindy Rhatigan, 1339 Scarlett Trail, commented about light night training activity occurring over her house as late as midnight. She shared that once the tower was installed in 2004/2005 the patterns were then directed over the county residents to the west to take most of the noise impact off the city residents. She thinks a calm wind runway needs to be selected that does not take off over any bodies homes and the left hand turns of off Runway 25/29 after dark needs to stop as 90,000 operations go over her house annually.

Charles Rhatigan, 1339 Scarlett Trail, it appears to him that no answers came from the previous noise study that affected the residents around the airport. Wants to know what

is being done for the residents and what is the radius of the area used for the noise survey.

Shane Williams, Director of Flight Operations at Epic Flight Academy, thanked the AAB and Airport staff for their time to continuingly meet to discuss noise and airport needs. Epic is excited to continue working with the AAB and Airport staff as they continue to meet monthly with Airport and City staff to review data for the past 13-14 months. Improvements have been made with downward trends in flyovers and touch and go violations. Epic agrees with the recommendation of adding a calm wind runway. For raising the pattern altitude to 1000' we are willing to try but concerned if it doesn't work how difficult would it be to adjust it back down to 800'. Concern is with the added noise of climbing an additional 200'.

Cory Lynch, New Smyrna Beach Resident, Commercial Pilot, and Airport T Hangar Tenant; uses this airport to get to his work. According to the state this airport businesses and users generates 1700 jobs and has a payroll of $80 million which benefits not just the airport office but also the surrounded businesses. FAA shows the average noise from a single engine airplane is approximately 65 decibels compared to heavy street traffic at 81 to 85 decibels. If we are going to limit the hours of operations that same should be done for the US1 traffic during these hours. Believes all restrictions should be removed and not add more.

3. SPECIAL MEETING

3.A Noise Analysis Findings and Recommendation:

- **Designating a calm wind runway:**

Arvin explained what a calm wind runway is and when it would be used. Discussion ensued as to which runway would impact the surrounding areas the least and not cause any safety issues for the pilots. Since this would be a voluntary recommendation the airport would publish it as such, but it will not require FAA approval and can be adjust as needed. Member Caudill spoke about the Airport currently only have runway 29 for an RNAV night approach. Manager Weese spoke briefly on this and the obstacles blocking night approached on 7/25 will be addressed in a future taxiway rehab project where pavement will be removed from the 7/25 runway ends. Air Traffic Control Tower (ATCT) Manager Zeiler spoke on the current patterns and how they can utilize two runways for landings which limits the noise since the aircraft does not have to circle until landing clearance is given. ATCT concerns with limited or restricting to one runway for calm winds it could require extending their downwind further or upwind further which would create more noise. If calm wind runway is selected as 7 it could cause more flights over the entire coastline as the planes head south to the practice area. Member Starley is hesitant on placing restrictions on runways usages while the tower is in operation because of the potential safety impacts, causes a strain on operation judgement, and would concentrate air traffic over a certain area of the community. As for at night when the tower is not in operations it might make sense.

Member Caudill agreed with this statement and stated he trusted the tower judgment with radar better than judgement from the ground as the ATCT sees what is happening actively and would not want to restrict anything during the daytime for the protection of the safety of our community, residents, and pilots. Also advised that there should be a disclaimer that runway designation weather permitting.

Motion:
Chair Dempsey moved to task the airport staff to work with the ATCT to evaluate formally designating a calm wind runway/direction procedure for implementation with a trial of 60/90 days and to give evaluation findings at the next AAB meeting on April 25th. Member Maib seconded the motion, and the motion carried unanimously.

- **Raising the pattern altitude:**

Airport Manager Weese summarized the current airspace and altitude (800) utilized by New Smyrna Beach Airport along with the altitude that Daytona Beach International Airports airspace begins (1200 feet) over NSB Airport. Manager Weese has spoken to the FAA and if wanted the next step would be to submit paperwork to the FAA for a study to be completed and decide the safety altitude level and study would be at no cost to the airport.
ATCT Manager agrees that with the current 400-foot buffer a study would help determine the feasibility of increasing the pattern altitude. ATCT Manager and Chair Dempsey agreed that the study completed by ESA did not highlight supply data or name other airports that have had noise reduction with higher pattern altitude.

Motion:
Member Maib moved to task the airport staff with coordinating with ESA to determine feasibility and effectiveness of raising traffic pattern altitude and give report at next AAB meeting in April. Member Starley seconded the motion, and the motion carried unanimously.

- **Simplify the Voluntary Noise Abatement Procedures (VNAP) Hours:**

Chair Dempsey shared that compared to other airports mentioned in the noise evaluation the NSB airport has the most complex procedures in place. He would like the current hours reviewed to revise and clarify in simpler terms for repetitive operations. Discussion ensued about the current confusion experienced by both residents and airport users with current VNAP repetitive operation types and restricted hours. ATC Manager confirmed that the local flight school has remained in compliance with the VNAP but many other do not choose to volunteer to the VNAP.

Motion:
Vice Chair Starley moved to task the airport staff with holding a roundtable discussion with airport stakeholders and report findings back to the AAB at the next meeting in

April. Chair Dempsey seconded the motion, and the motion carried with five yes and one no.

- **Continue Education and Outreach with Flight Schools and Regularly Discuss Noise in AAB Meetings:**

Chair Dempsey reviewed that currently there is a monthly meeting are held with Epic and City staff to review flight activities. Going forward there will be a section added to the AAB meeting agenda to discuss noise separate from the Airport Managers report. This section would include the reports from the monthly meetings to share quarterly in the AAB meeting. Airport Manager Weese confirmed the monthly meeting have been help with Epic since December 2022 and that Epic has now made the VNAP a mandatory procedure for the instructors and students. Additional Airport Manager Weese takes part in a weekly safety call with the local airports, ATC managers, and large local flight schools where VNAP is discussed as well.

- **Consider Implementation of a Disclosure or Notification Area:**

Airport Manager Weese gave summary of findings provided by ESA to City Commission of the recent home sales and that many were bought sight on seen. The buyers were not aware of the proximity to the Airport or how many aircrafts use the airfield daily. Since the noise levels are not high enough to fall into the minimum threshold of an average of 65 DNL that the FAA considers to be noise so the disclosure would need to be done as a noise overlay or something similar. Member Caudill spoke to the process required by realtors to implement a disclosure to buyers, and it would be a long process.

Motion:
Member Caudill moved to recommend the City Commission add city signage stating that this is a high noise area or a higher noise area in the communities shown most effected by noise to help educate potential buyers and current homeowners. Member Norville seconded the motion, and the motion carried unanimously.

4. BOARD COMMENTS

Member Lester: Moving forward with these recommendations will help the City.

Member Norville: This noise study should not have been paid by the airport fund and should have been paid by the taxpayers via the City general fund. Then gave a summary of the city growth around the airport since its conception in the 1930's.

Member Starley: Looking forward to the seeing the research and finding that come from selecting a calm wind runway.

Chair Dempsey: City decided by citizen feedback that the noise survey needed to be completed. All recommendations discussed today will be thoroughly reviewed before passing recommendations onto the City Commission for review.

5. STAFF COMMENTS

Airport Manager Weese: The airport wants to be a good neighbor to the community and is continuing to work at being a good neighbor. A lot of my time professional and personally spent on the issue of noise. Part of my other duties are to keep the airport running safely as well as running like a business. Manager Weese shared that safety of not just the pilots but also the residents are a priority, but any operations changes will voluntary and not mandatory, the airport cannot constrain operations, as this violates the airport grant assurances.

6. ADJOURNMENT

As there is no further business to discuss, Chair Dempsey adjourned this meeting at 3:31pm.

THE CITY OF NEW SMYRNA BEACH - AIRPORT

CONTINUED EDUCATION AND OUTREACH WITH FLIGHT SCHOOLS

April 25, 2024

Background:

The Airport staff, Epic Flight Academy, and the Assistant City Manager meet monthly to discuss noise abatement efforts and to review the previous months compliance efforts. Attached is the most recent report which summarizes the efforts of Epic and the Airport to reduce some activities that are controllable. Other flight school activity is also recorded but is not included in this months report. Future reports will include the other major flight schools.

As a reminder, all noise abatement procedures are 100% voluntary and many times pilots are not able to follow them due to various factors such as the runway being used, wind direction, other weather factors, other traffic, direction from ATC, or training requirements such as short approaches. Epic students and instructors are required to follow the noise abatement procedures UNLESS safety of flight or other issues such as those mentioned above prevent them from doing so. Safety of flight must always take precedent over the voluntary noise abatement procedures.

Although noise abatement procedures are also used by Embry Riddle, Phoenix East, Air America, etc; these organizations do not have a noise abatement officer like Epic does. However, operations that are outside of the noise abatement parameters are communicated to the organization responsible and the Airport Manager meets weekly with the surrounding airports and flight schools to discuss safety. Noise abatement concerns are addressed at that time.

Fiscal Analysis:

N/A

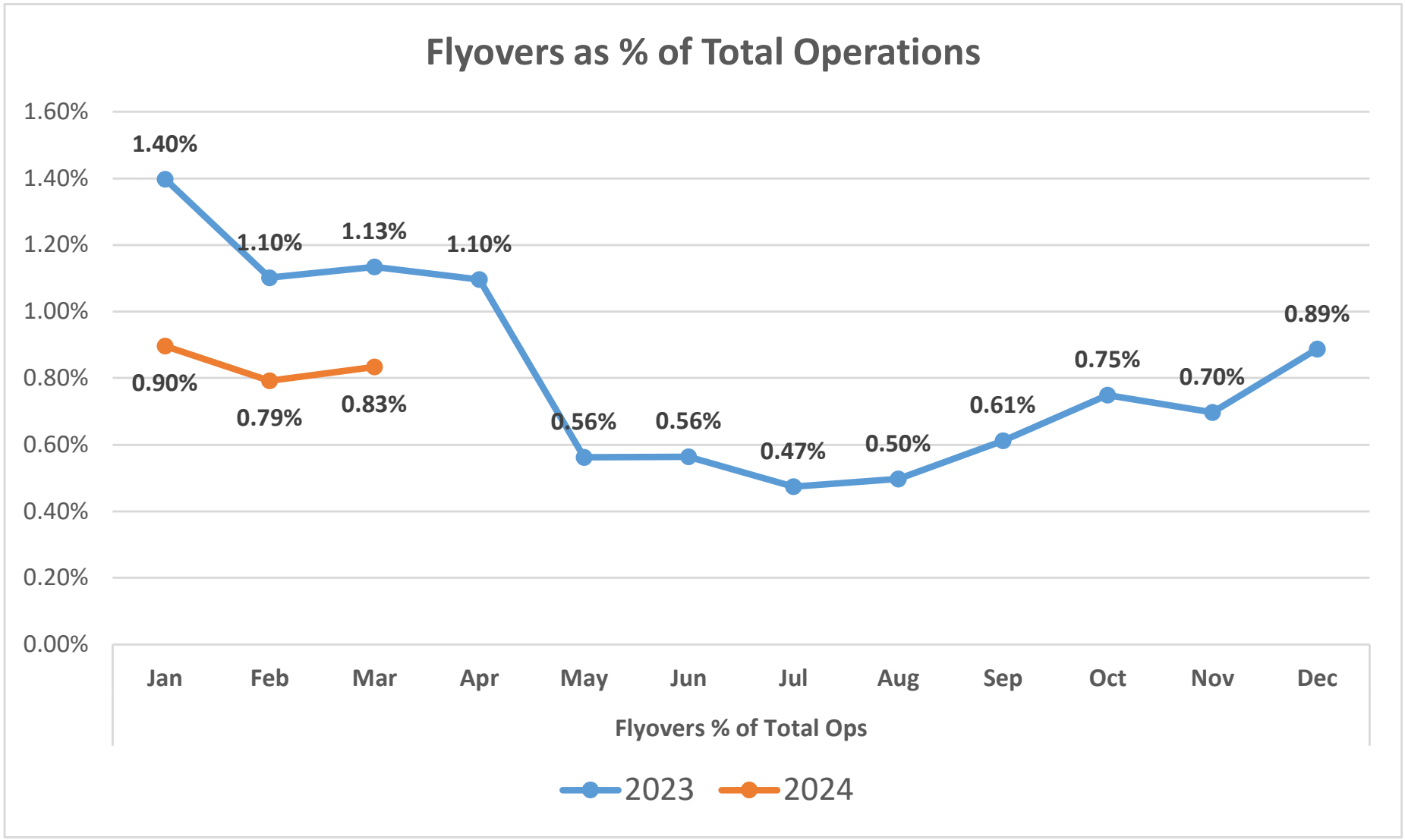
Strategic Plan Item:

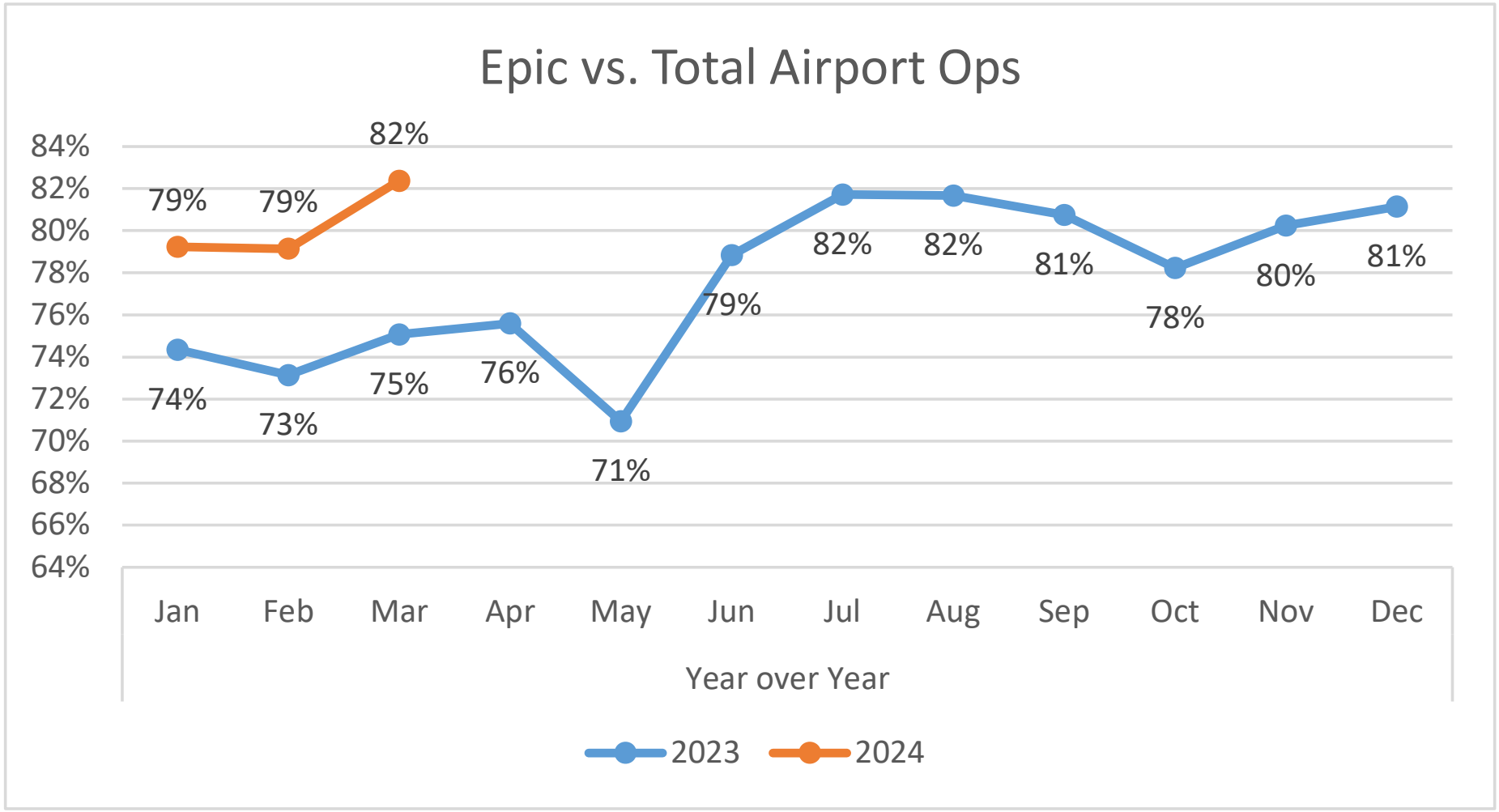
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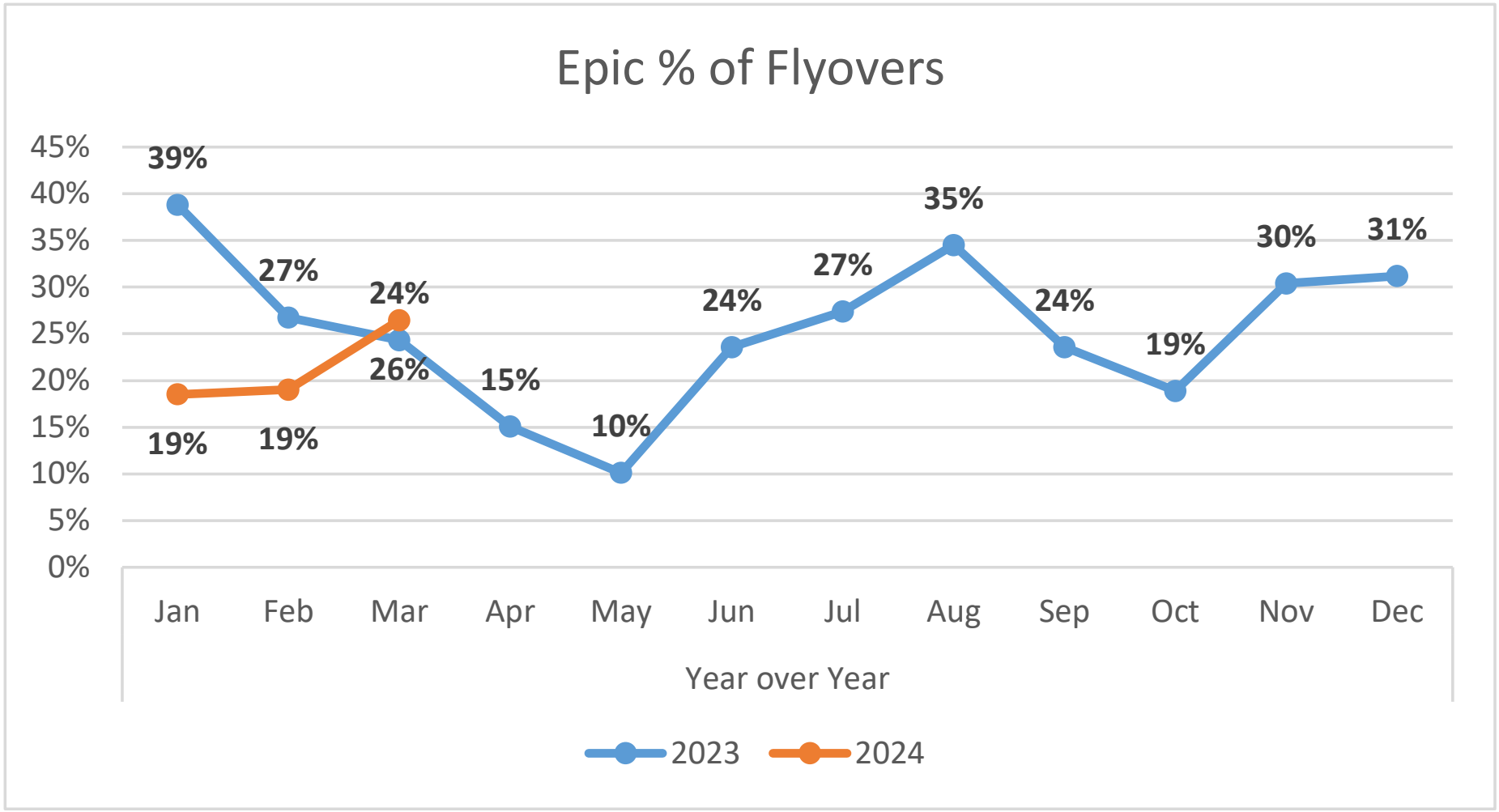
Staff Report Created By: Tammy Hall

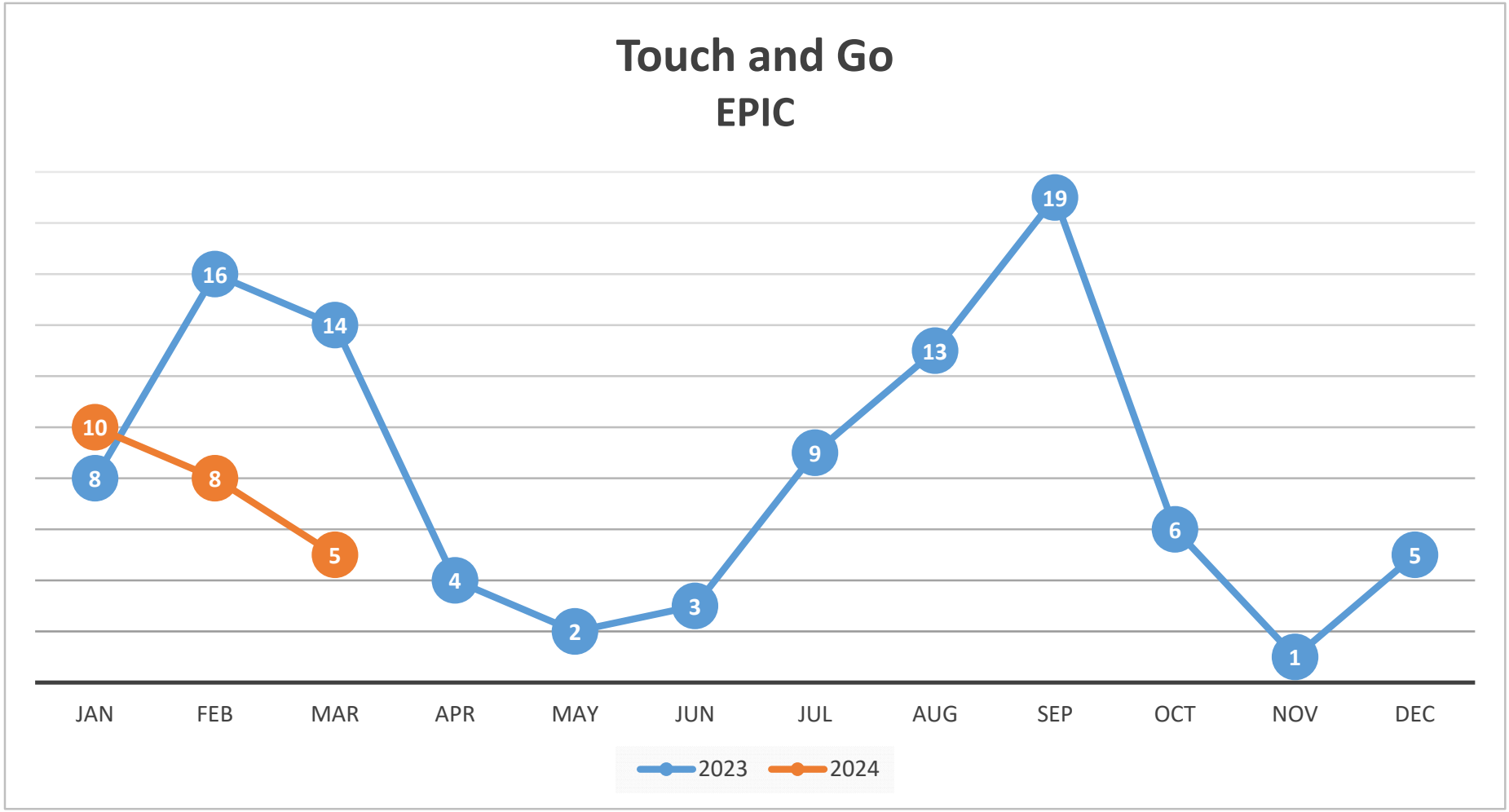
Attachments:

Noise Report - 15 months ending 3.31.2024.pdf


Flyovers as % of Total Operations
1.60%
1.40%
1.20%
1.00%
0.80%
0.60%
0.40%
0.20%
0.00%
1.40%
1.10%
1.13%
1.10%
0.56%
0.56%
0.47%
0.50%
0.61%
0.75%
0.70%
0.89%
0.90%
0.79%
0.83%
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Flyovers % of Total Ops
2023
2024


Epic vs. Total Airport Ops
84%
82%
80%
78%
76%
74%
72%
70%
68%
66%
64%
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74%
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75%
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71%
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81%
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Sep
Oct
Nov
Dec
Year over Year
2023
2024


Epic % of Flyovers
45%
40%
35%
30%
25%
20%
15%
10%
5%
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Dec
Year over Year
2023
2024


Touch and Go
EPIC
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JUL
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2023
2024

THE CITY OF NEW SMYRNA BEACH - AIRPORT

DESIGNATION OF A CALM WIND RUNWAY

April 25, 2024

Background:

Airport staff held a roundtable discussion on March 12, 2024 with airport users, ATCT Manager, local flight schools, and AAB Chair Dempsey. The consensus among the group is that the designation of a calm runway during the day would greatly impede the ability of Air Traffic Control to effectively, safely and efficiently direct traffic based on the conditions at that time. Instead, it was recommended that the Airport follow a similar process as other airports, and issue a calm wind runway for when the ATC tower is not in use (from 10:00 PM until 7:00 AM).

Here are some examples of language from other Florida airports:

1. Deland – “Calm wind Rwy 05”
2. Fernandina Beach – “Drg calm winds use Rwy 22”
3. Marco Island – “Rwy 35 dsgnd calm wind rwy for arrs 0300–1200Z‡. Rwy 17 dsgnd calm wind rwy for deps 0300–1200Z‡.”
4. Naples – “Rwy 23 dsgnd calm wind rwy for arrs 0300–1100Z‡. Rwy 5 dsgnd calm wind rwy for deps 0300–1100Z‡
5. Ocala – “36 calm wind rwy”
6. Okeechobee – “Rwy 05 calm wind rwy”
7. Kissimmee – “Rwy 15 calm wind rwy”
8. Venice – “Rwy 23 pref dep calm wind rwy.”
9. Winter Haven “Rwy 05 preferred for calm or light winds.”

Findings:

Staff recommends publishing the calm wind Runway (Rwy) as 07 to read or similar "For noise abatement when ATC is closed, Rwy 07 is calm wind rwy in VFR cond."

Fiscal Analysis:

N/A

Strategic Plan Item:

No

Staff Report Created By: Tammy Hall

THE CITY OF NEW SMYRNA BEACH - AIRPORT

RAISING THE PATTERN ALTITUDE TO 1,000 FEET

April 25, 2024

Background:

Airport staff held a roundtable discussion on March 12, 2024 with airport users, ATCT Manager, local flight schools, and AAB Chair Dempsey. The consensus among the group is that the raising of the traffic pattern altitude would have minimal positive impacts on noise, and that by raising the altitude would actually increase noise in areas that do not have noise now. Also, by raising the pattern altitude, aircraft would be in conflict with aircraft flying up and down the coast. This increases the likelihood for traffic conflicts and a significant threat to the safety of flight.

Findings:

Airport staff recommends not to pursue raising the pattern altitude for safety concerns and the potential for increased noise impacts to the community.

Fiscal Analysis:

N/A

Strategic Plan Item:

No

Staff Report Created By: Tammy Hall

THE CITY OF NEW SMYRNA BEACH - AIRPORT

SIMPLIFY THE VOLUNTARY NOISE ABATEMENT PROCEDURE (VNAP) HOURS

April 25, 2024

Background:

Airport staff held a roundtable discussion on March 12, 2024 with airport users, ATCT Manager, local flight schools, and AAB Chair Dempsey. The consensus among the group was that the language regarding touch and goes between the hours of 1700 and 0800 is confusing and unnecessary, and to remove it would be in the best interest of the community and the airport users.

Findings:

Staff recommends the removal of "No touch and go operations between the hours of 1700 LCL and 0800 LCL."

Fiscal Analysis:

N/A

Strategic Plan Item:

No

Staff Report Created By: Tammy Hall

THE CITY OF NEW SMYRNA BEACH - AIRPORT

FUEL RESOLUTION REVISION

April 25, 2024

Background:

This is to provide a new resolution for a new fuel rate schedule. This would replace the current fuel rate schedule which was created in 2013. There has not been a fuel rate adjustment since that time despite increases in cost of labor, cost of fuel related materials, repair and maintenance, and other costs related to the maintaining and operation of an aviation fuel facility.

The current fuel rate schedule sets the price of fuel as "cost of fuel plus a fixed margin per gallon" for fuel purchased at the airport's self-service fueling station. *Cost* is defined as "the price paid per gallon by the city for aviation fuel including freight and all applicable taxes". The price to the customer is then adjusted each time fuel is purchased. Prices are set as follows:

- Fixed Base Operators (FBOs) – Cost Plus $.20
- All other customers – Cost Plus $.60

The Airport would like to move for the following revisions to resolution 26-13 Airport Fuel Rate Schedule.

For all self-serve retail customers (excluding FBOs selling aviation fuel), Airport staff shall determine the price charged in order to be competitive with the market changes. Setting a fixed margin does not account for changes in regional pricing, fuel hedging opportunities, a reduction in cost or other fluctuations that would allow for maximum value to the customer and improved profitability to the Airport. Fuel prices will be determined by reviewing the surrounding market, current cost of fuel, and setting a margin that brings value to the customer while maintaining a healthy profit margin for the Airport.

For FBOs, Airport staff will be proposing the following:

1. FBO's receive an initial price increase of $.05 to account for the lack of increase for the previous 10 years
2. FBO's receive subsequent price increase of $.01 per year effective 10/1/2024
3. Pricing for FBO's would only be for "bulk loading" of fuel. FBO's purchasing fuel through the "over-wing" system shall pay retail price.
4. FBO pricing shall not apply to payments made with a credit card.

Therefore, Airport staff request the following changes for the new resolution:

1. Fixed Base Operators (FBOs) selling aviation fuel:
    a. Cost Plus $.25 for Bulk Loading Fuel effective 6/1/2024 (an increase of $.05 per gallon from the current rate)
    b. Cost Plus $.26 for Bulk Loading Fuel effective 10/1/2024 and $.01 increase every year thereafter effective October 1st of each year.
2. All other customers – Price set weekly by Airport Staff

Findings:
Staff recommends the approval from the AAB to take the new Airport fuel rate schedule to City Commission for approval.

Fiscal Analysis:
N/A

Strategic Plan Item:
No

Staff Report Created By: Tammy Hall

Attachments:

Res 26-13 Municipal Airport Fuel Rate Schedule.pdf
Airport Fuel Sales Analysis.pdf

RESOLUTION NO. 26-13

A RESOLUTION PROVIDING FOR A FUEL RATE SCHEDULE FOR THE MUNICIPAL AIRPORT; PROVIDING FOR CONFLICTING RESOLUTIONS; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Airport Manager has requested that the City Commission provide for a Municipal Airport fuel rate schedule for the sale of aviation fuel; and

WHEREAS, the City Commission deems it is in the best interests of the citizens of the City of New Smyrna Beach to establish the Municipal Airport fuel rate schedule for the sale of aviation fuel as more particularly set forth hereinafter.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF NEW SMYRNA BEACH, FLORIDA:

SECTION 1: ***Municipal Airport Fuel Rate Schedule.*** That the following fuel rate schedule for the Municipal Airport is hereby adopted:

a) The City shall purchase all aircraft fuel which is to be sold or resold on Municipal Airport property.

b) The price to be charged by the City for all purchasers of aircraft fuel at the Municipal Airport is as follows:

1. The City's cost, per gallon, plus sixty cents ($.60) per gallon, for all fuel purchased at the City's self-serve fueling station. The City's cost includes the actual price paid by the City for the fuel. The price charged by the City shall be adjusted each time fuel is purchased by the City.

2. Fixed Base Operators (FBOs) at the Municipal Airport shall be charged the City's cost, as calculated in (1) above, plus twenty cents ($.20) per gallon.

   Each FBO shall pay the amount due to the City within fifteen (15) days of mailing of the invoice. In the event timely payment is not made to the City, the City may suspend fuel sales to the FBO which has not made timely payment.

SECTION 2: ***Conflicting Resolutions.*** That all resolutions or parts thereof that are in conflict with this resolution are hereby rescinded and repealed.

SECTION 3: ***Effective Date.*** That this resolution shall take effect immediately upon its adoption.

APPROVED AS TO FORM AND CORRECTNESS:

FRANK B. GUMMEY, III
City Attorney

DATE: 9/11/13

Municipal Airport Fuel Rate Schedule
Reading September 24, 2013
September 9, 2013
2:44 PM

AIRPORT FUEL SALES

FUEL VOLUME	*FY 20-21	FY 21-22	FY 22-23	**FY 23-24
Gallons	420,085	475,966	521,634	480,000

FUEL REVENUE	FY 20-21	FY 21-22	FY 22-23	FY 23-24
Sales	$1,279,915	$2,218,696	$2,386,024	$2,300,000
Cost of Sales	$1,282,094	$2,081,158	$2,193,991	$2,100,000
Gross Profit	**-$2,179**	**$137,538**	**$192,034**	**$200,000**

FUEL EXPENDITURES	FY 20-21	FY 21-22	FY 22-23	FY 23-24
Non-Labor	$19,239	$22,059	$37,439	$38,000
Labor	$52,513	$42,338	$54,468	$61,922
Total Cost	$71,752	$64,397	$91,907	$99,922

Total Profit	-$73,931	$73,141	$100,127	$100,078

*COVID greatly affected fuel sales in FY 20-21

**Estimated totals for FY 23-24

THE CITY OF NEW SMYRNA BEACH - AIRPORT

AIRPORT MANAGER UPDATE

April 25, 2024

Background:

CIP Updates:

- Backup AWOS installation is took place the week of April 15th.
- Secondary wind cone installation has been completed. This is funded through the Taxiway Alpha project.
- Administrative Building design is at its 50% mark and anticipated to go out for bids late summer with project starting late 2024 early 2025.
- Taxiway Alpha reconstruction is underway and is currently ahead of schedule and slightly under budget.
- T Hangar F Rehabilitation is near completion. Tenants are back in their hangars and all that remains are some minor exterior punch list items.
- Air Traffic Control Tower project is completed, and airport staff will be working with the consultant in the coming weeks to complete all close out documents and submit final reimbursement request to the FAA.

Property Management:

- Master Plan Exhibit A will be completed in FY25 as part of our Taxiway Bravo grant with the FAA and FDOT
- Non-Profit Lease Update: Presentations will be presented in this meeting by our non-profit land lease tenants. Per the FAA the Airport and the City need to revise these leases and make a justification as to why their rent is well below the FAA guidelines for non-aeronautical lease rates.
- Request for Proposal (RFP) for future land leases: Airport staff is currently work with the City's Economic Development Director to create a revised RFP for vacant airport parcels.
- T Hangar Inspections were completed recently by airport management staff and overall, the hangars are be used properly.

Review recent T-Hangar Survey results

Fiscal Analysis:

N/A

Strategic Plan Item:

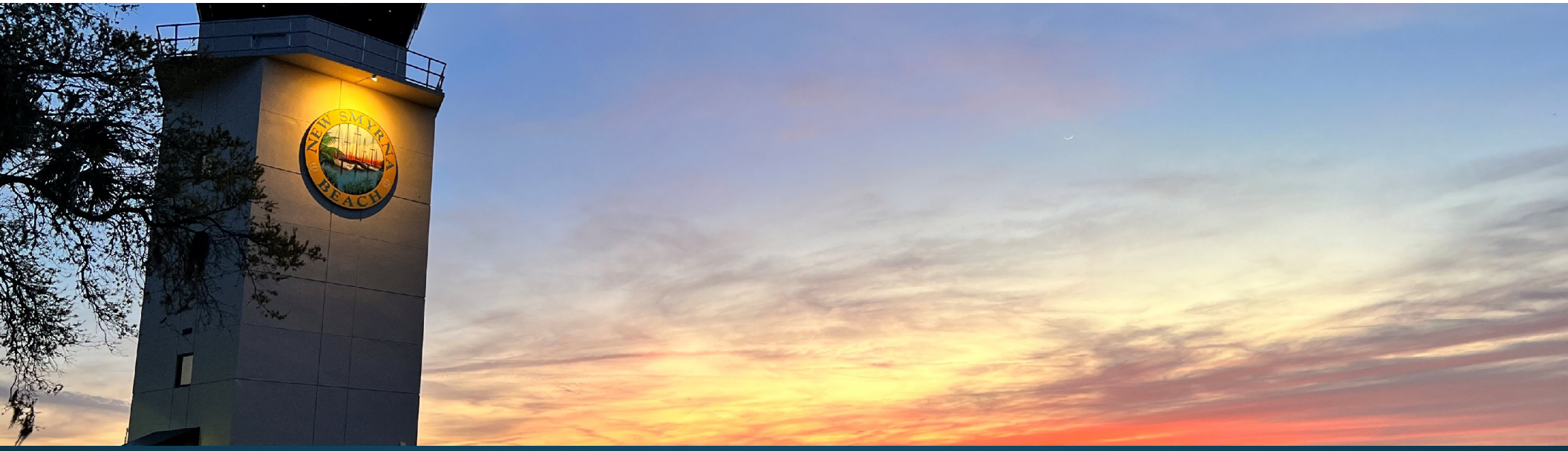
No

Staff Report Created By: Tammy Hall

Attachments:

APRIL 2024 AAB Presentation.pptx
EVB T-Hangar Survey - 2024_.pdf


New Smyrna Beach
Airport Update



As the aeronautical gateway to our community, the New Smyrna Beach Airport strives to provide users with safe, first-class aviation facilities while promoting economic development to ensure the Airport's long term financial sustainability.

Vision Statement

Capital Improvement Projects

- Backup AWOS
- TWY Alpha
- Fuel Farm Improvement
- Admin Building Design
- ATCT Rehab
- TWY Bravo/ RWY 7-25
- RWY 7-25 PAPI/ Electrical Vault
- T- Hangar F Rehab

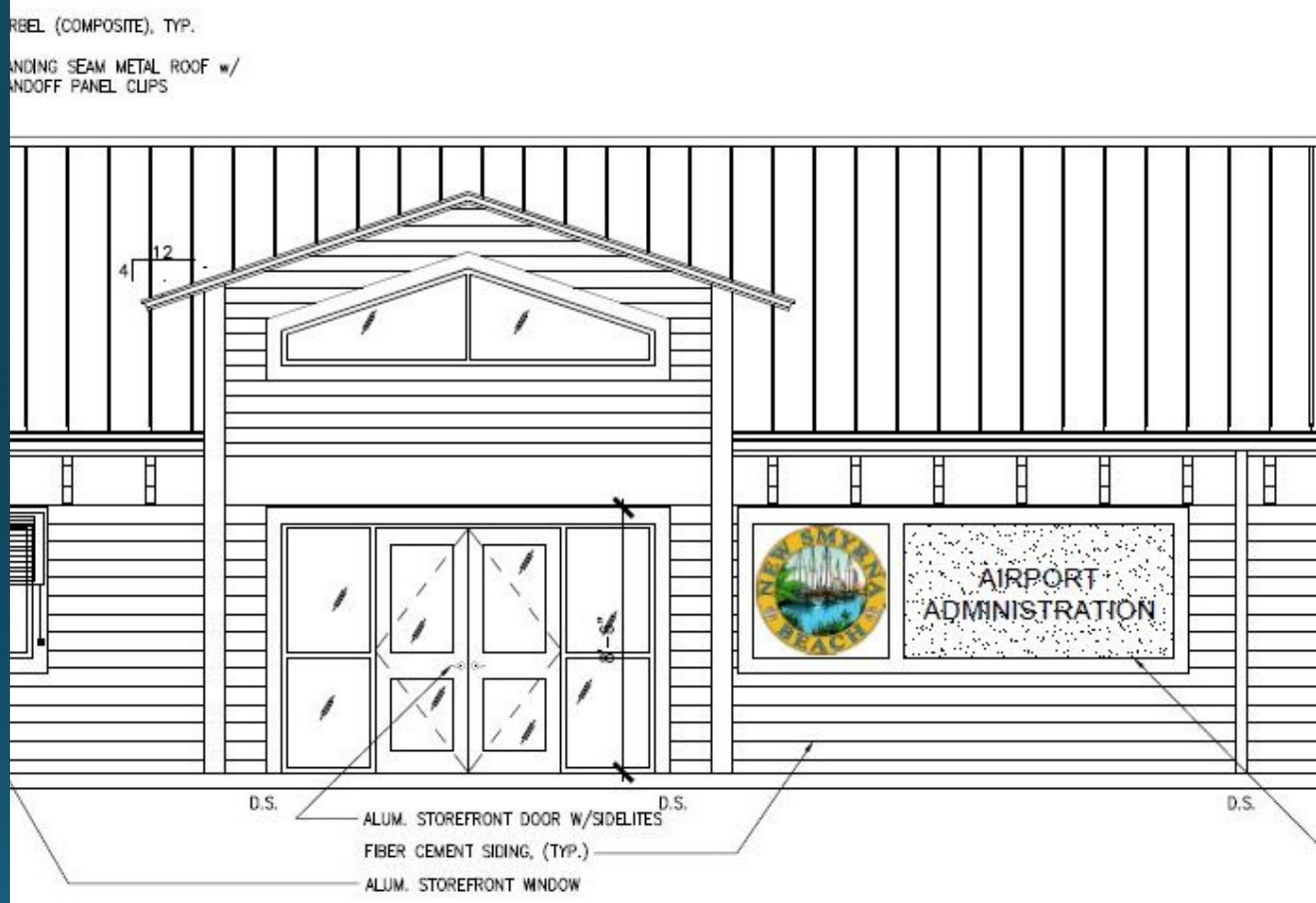


Secondary Windcone

Administration/General Aviation Terminal

Currently at the 50% design. Included in the building will be a large conference room, training room, pilot planning area, lobby, and some small office space for tenants.

The estimate for construction cost is $2,000,000. This project is funded by an 80% FDOT grant, with the remaining 20%(400k) to be paid from the Airport fund.



Taxiway Alpha Reconstruction Project – Construct

Construct and rehabilitate Taxiway Alpha from Runway 7/25 east to Taxiway C.

Project ahead of schedule. No outstanding safety or operational concerns so far.

The estimate for construction cost is $3,450,000. This project is funded by a 90% FAA grant and 8% FDOT, with the remaining 2% to be paid from the Airport fund.



T-Hangar Building Rehabilitation - Construct

T-Hangar Building Rehabilitation - Construct

Almost complete. All tenants have moved back in, with some minor punch items remaining.

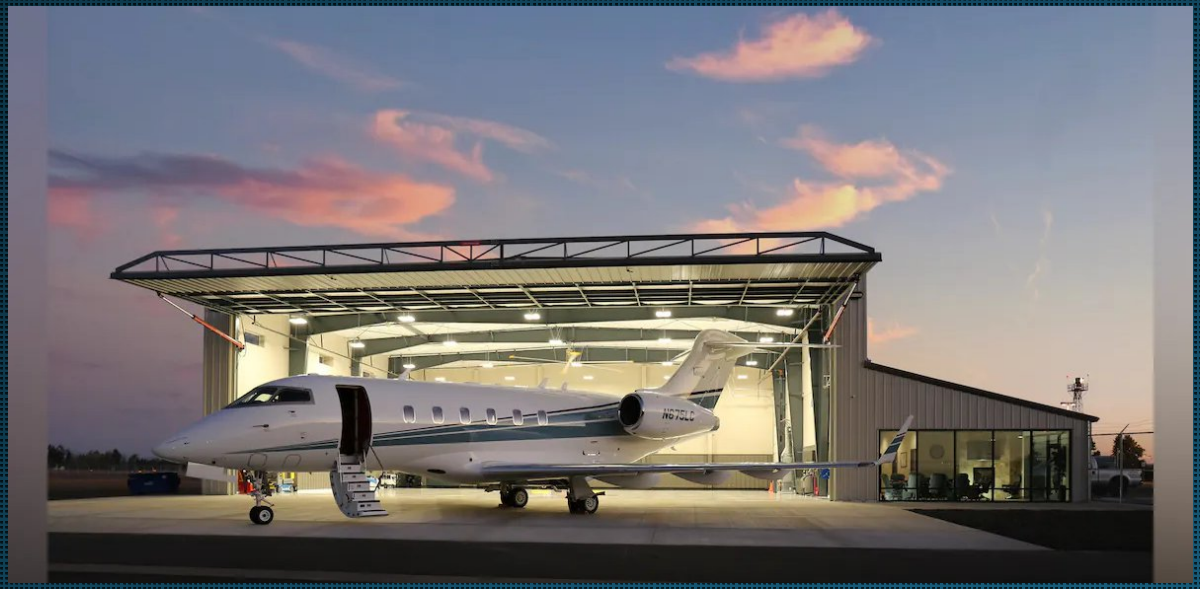
The estimate for construction cost is $800,000. This project is funded by an 80% FDOT grant, with the remaining 20% to be paid from the Airport fund.



Air Traffic Control Tower Rehabilitation - Construct

Project complete. This rehabilitation project included upgrading all existing fluorescent light fixtures to LED, wet sealing windows, removing existing window AC units and replacing with new units, new stucco over existing façade, replacing existing beacon with LED beacon, etc.





Property Management

- Airport Master Plan Exhibit A
- Non-Profit Lease Update
- Requests For Proposal – Land Lease
- Hangar Inspections


Comments/ Questions

Thank you!

Noise Abatement

Airport FAQ's

Rent Hangar

FAA Noise Info

Economic Impact

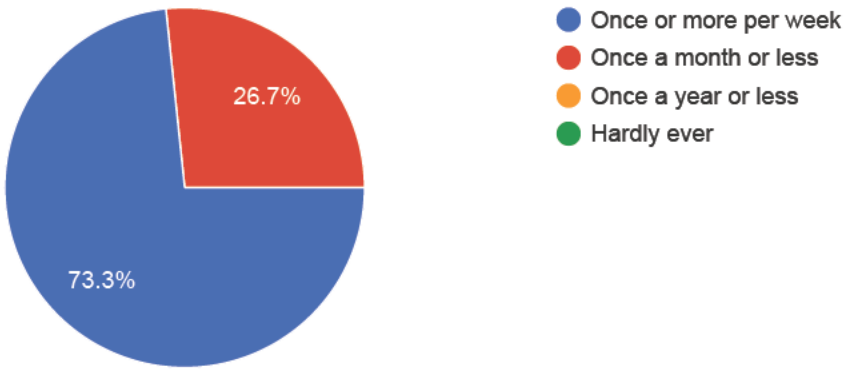
Airport Website

EVB T-Hangar Survey

30 responses

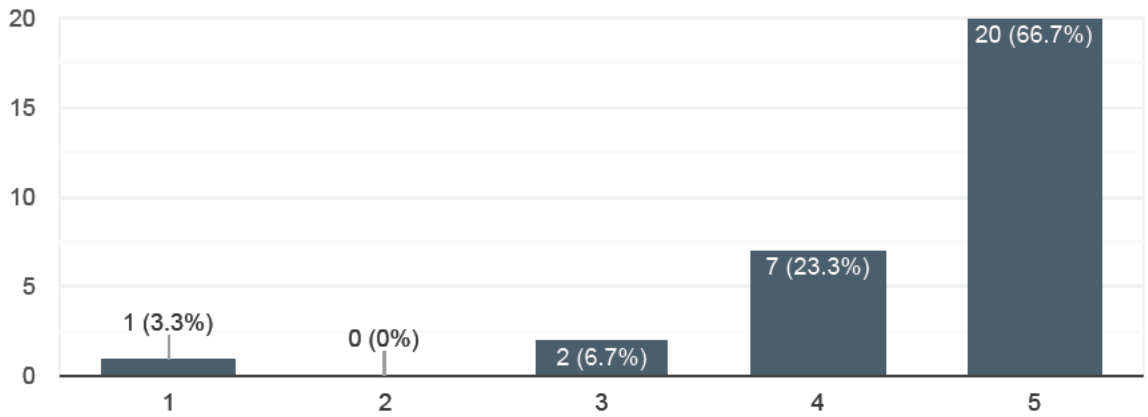
How often do you fly?

30 responses

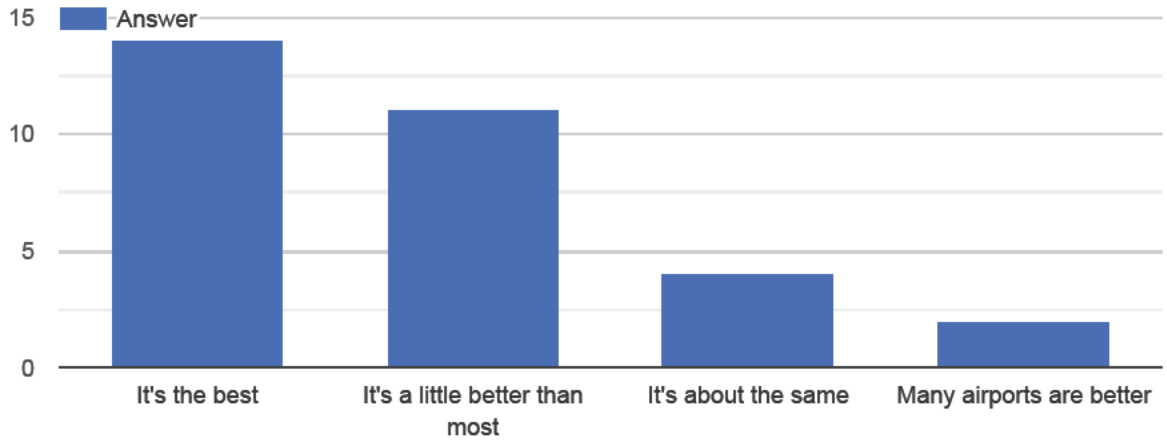


How would you rate your experience with New Smyrna Beach ATC?

30 responses

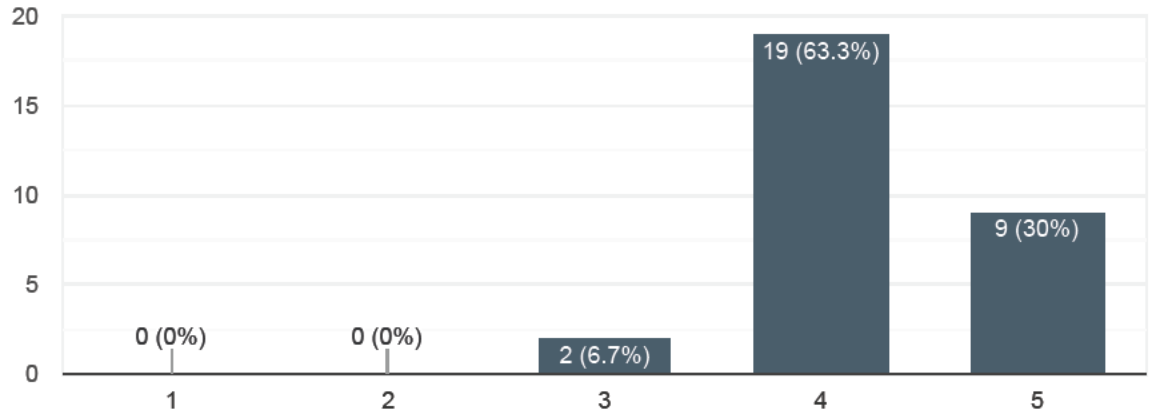


How does EVB compare to other GA airports you use?



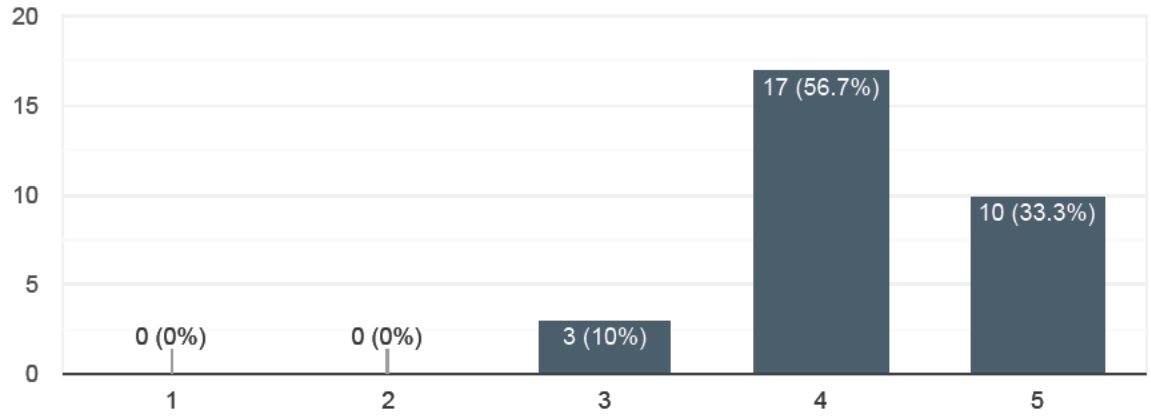
How would you rate the condition of the runways?

30 responses



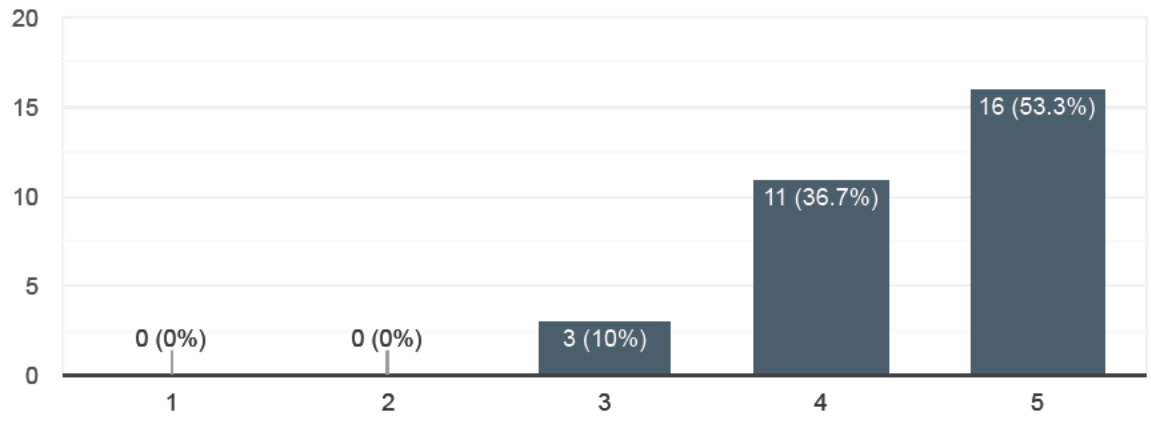
How would you rate the condition of the taxiways?

30 responses



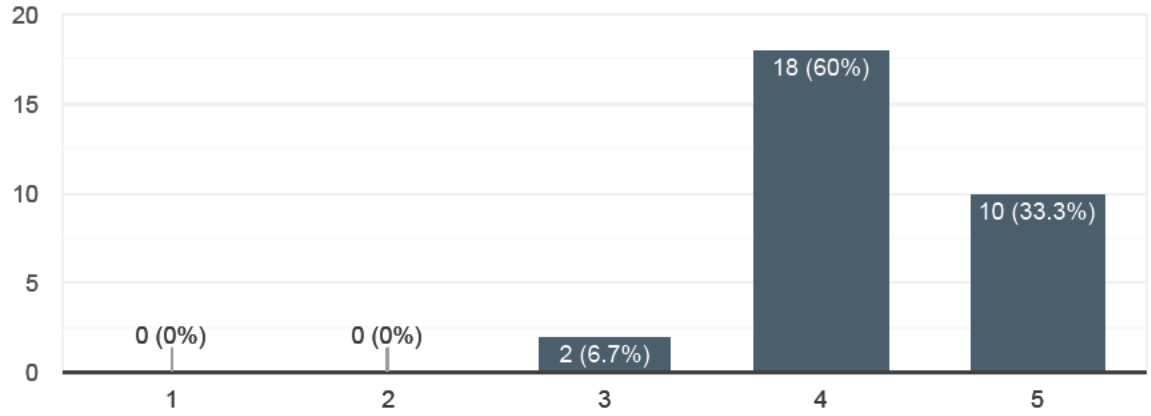
How would you rate the condition of the airfield signage?

30 responses



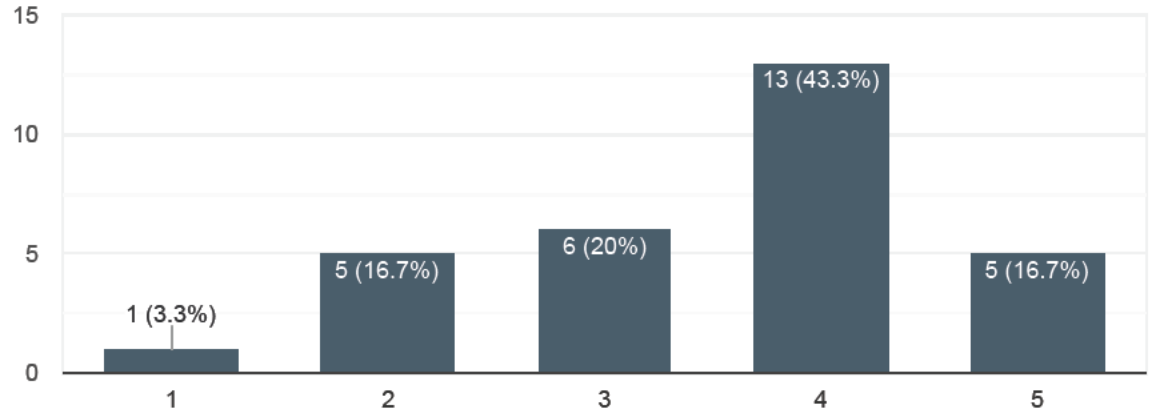
How would you rate the condition of the airfield lighting?

30 responses

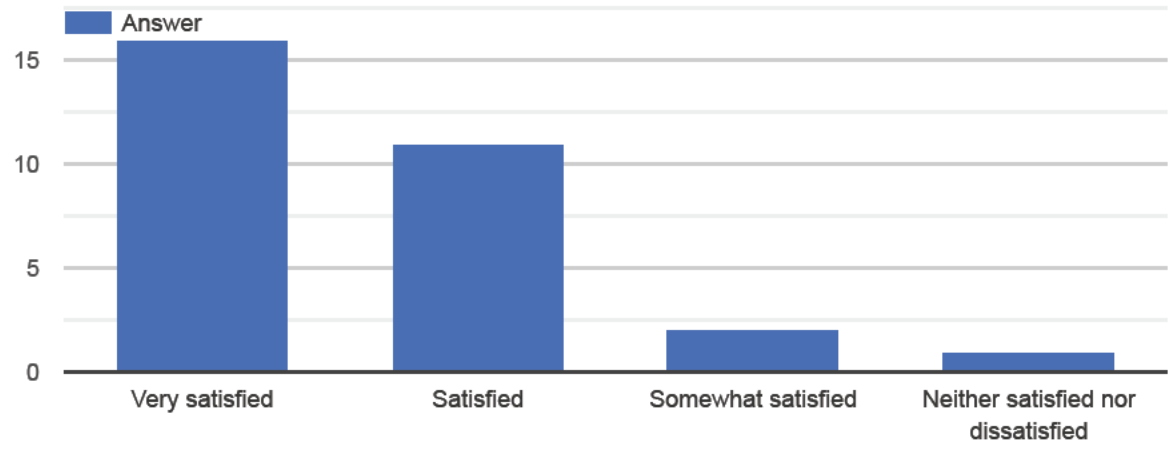


How would you rate the condition of your hangar?

30 responses



How satisfied are you with our communication?



How can we improve our communication?

9 responses

Y'all do a great job!!

Communication is good.

Office personnel do an excellent job of giving me the status of the badly needed repair to the T hangers

Your a "10"

E- mail to the office for requesting Service.

Is very good

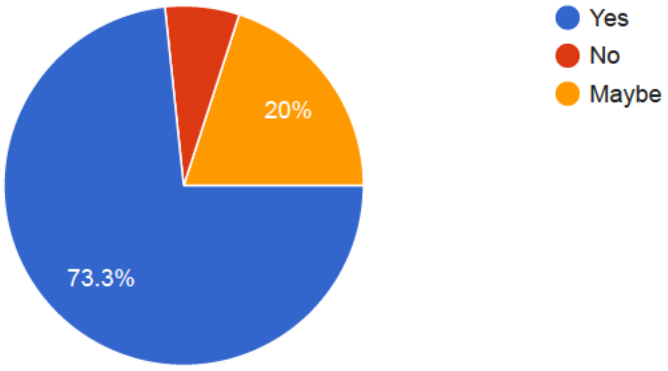
fix issue without reminder (example: door cane bolts still not right)

The hangar doors could be made to move more easily with better track foundations. An eradication program focusing on bugs, ants, and rodents should be aggressively pursued. All of the previously mentioned are a hazard to airplanes.

Threw E- mails.

If the airport developed a mobile app for the airport (pilot forum, maintenance requests, alerts, etc) would you use it?

30 responses



Any other suggestions or comments

14 responses

Runway condition only lower because of runway 2's condition. Really is in bad shape. Hangar would be excellent if it wasn't for the difficulty to move the doors on the new hangar. They don't slide easily at all. ATC would be a 5 if it wasn't for a specific controller who doesn't seem to be able to flow traffic as well as others. They also can be somewhat rude on frequency even to solo students etc... Before this controller started I would give EVB ATC a 5/5.

My hangar is in need of corrosion maintenance. There is rust falling down on my plane and on the ground. I have to have a magnet sweeper to pick it up on a weekly basis. It is disappointing that this is the case and yet the rent continues to rise each year. That being said, I do appreciate that some maintenance is being performed, like the concrete pour over the hangar track rails. That was a significant improvement allowing me to push my airplane out without placing wood blocks between the rails.

The atc interaction was great until the [redacted] controller started. [redacted] is extremely unprofessional, seems to panic in the most mild situations, doesn't provide common services the other controllers do, and just all together not a good controller. The traffic and complexity of EVB is just too much for [redacted] and it's easy to tell.

The new hangar doors are not the best otherwise I would have rated them higher.

wish the south gate behind police station had a button, RFID reader, or more sensitive sensor so I could get out with a motorcycle.

I consider KEVB to be an excellent airport overall.

Some times an ATC controller is s difficult to unfderstand

The looks of the airport are much improved.

Have a great 2024. Joe Bialek

Good job staff.

Some times controller speak too fast as they were handling 30 aircraft at the time, I heard complains from others too, certain controllers are difficult to understand, they could be a little more patient, otherwise is a great airport, unfortunately I got a poorly maintained hangar East group, Office and management people are great

price is probably near higher end for the hangar quality- some recent repairs - but still issues

I love KEVB. The only slight issue I have involves the tracks that the hangar doors glide on. My tug is barely able to roll over them. If the concrete directly in front of the door tracks had a slight upward slope (perhaps 2-3 degrees) it would make it so much easier for me to get the aircraft in/out. Not sure what can be done but I thought I would just mention it. The airport crew does a great job. The guys in the Tower are always professional. I don't mind disclosing my identity. Hangar #78. N644HL.

You are doing a great job.

Google