

AIR TAP Briefings

A publication of the Airport Technical Assistance Program of the Center for Transportation Studies at the University of Minnesota

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Special Fall Forum Issue: This issue of AirTAP *Briefings* features extended coverage of the 2010 AirTAP Fall Forum, held in October 2010. Look for information soon, including date and location, for the 2011 Fall Forum.

Annual forum focuses on maximizing lean resources

More than 60 attendees from general aviation airports and community government across Minnesota met in Alexandria, Minnesota, for the seventh annual Airport Technical Assistance Program



Kurt Claussen

(AirTAP) Fall Forum, held October 7 and 8.

Jim Grothaus, AirTAP director; Kurt Claussen, assistant airport manager for Rochester International Airport and current president of the Minnesota Council of Airports; and Christopher Roy, director of the Minnesota Department of Transportation (Mn/DOT) Office of Aeronautics, gave opening remarks.

Roy told those gathered that the Office of Aeronautics has been focusing on



Christopher Roy

updating its statewide system plan, which was last done about five years ago. It is also working to make air service as attractive as possible for those airlines currently serving small airports in order to maintain, and perhaps increase, service in Minnesota. Finally, the office is considering how best to educate the public about what general aviation is and what benefits it brings to a community.

Following Roy, Claussen commended the theme of this year's conference of maximizing resources and saving money and encouraged attendees to think of themselves and their colleagues as valuable resources.

2010 Fall Forum sessions

The following sessions were held over the two-day event:

- Maintaining High Standards in Tough Economic Times
- Jet Blast Session: Media Relations
- An Airport's Evolution—The Story of the Alexandria and Albert Lea Airports
- Jet Blast Session: Airport Grant Update
- Is an Air Show in Your Future? Finding Ways to Bring Money and People to Your Airport
- Conversation with Jeff Hamiel
- SWPPP Implementation—What's Ahead for the Next Five Years?
- Partnering Strategies—Using Your Airport Colleagues to Better Run Your Airport
- Walking Technical Tours of Alexandria Municipal Airport

Speakers discuss how to get the best from staff

Staff behavior in an organization can either support or undermine the organization's goals. That's why it's critical to deal with performance issues promptly and effectively, said speaker Dave Allison



Dave and Steve Allison

during the forum's opening session. He and Steve Allison, with the Duluth-based consulting firm Allison and Associates, explained how high standards build organizational pride and offered advice for safeguarding it.

Every organization has standards for how it operates, Allison said, whether or not these standards are published or explicitly communicated. Standards are determined by your customers and how your organization meets customer expectations. For an airport, customers are those people who use the airport as well as vendors, suppliers, and service providers—anyone who's not part of regular operations but who has contact with the airport.

When staff performance slips, standards decline. "And when you as a manager procrastinate [in addressing] problem behavior, then the weakest people in the organization set the standards by default," he said.

Confronting staff is a difficult but necessary task for managers, Allison continued. If bad behavior is ignored, it will automatically erode morale, standards, and

productivity. Further, if you allow the situation to continue, he said, your organization will lose its best staff.

Managers avoid confronting such behavior for a number of reasons: they don't want to hurt

feelings, or they want staff to like them. "But if I go for liking, I become very inconsistent and sporadic," Allison said. Leadership is about being "consistent, honest, fair, and in control." Confronting is also stressful, and it's an interruption to the workday. Finally, managers may not know how to do it. As a result, they tend to put up with substandard behavior until they're upset by it, Allison said.

To help managers deal with performance issues early, the speakers described a five-step process that "works like magic if you are in control of your emotions," they said. The first step is to tell the employee what behavior is bothering you. It must be a specific behavior—something you can see or hear, Allison said. Next, tell the employee how you feel and why you feel this way. In step three, help the employee recognize how the behavior is affecting the customer.

The first three steps should take no more than 60 seconds. Then move on to step four, where you ask the employee how she or he feels about it. Give the other person a chance to tell his or her side of

the story, Steve Allison said. About 90 percent of the time people will respond positively. "When you don't attack them with your emotions, but instead give them logical information, they understand," he said. If you get a positive response, move on to the fifth step. If you get a negative response, you can say that you understand how she or he feels—but not that you agree. You can explain that he or she may not think the behavior is critical, but you and your customers do, Dave Allison continued. "If [the employee] suggests quitting, do not talk them out of it...It's bad news, but good information," he said. Finally, in the last step, ask the employee what he or she can do about the behavior. When this process is done correctly, he said, "You will never have to terminate an employee again," because the employee will either chose to change his or her behavior or leave.

The best time to have these conversations is at the end of day, and it should be done privately (as opposed to complimenting, which should be done publicly), Allison added.

Besides the supervisor-employee relationship, for teamwork to be truly effective, individuals need to have the skills to confront each other if things aren't working in an organization, he continued. "The ability to confront logically in a timely way is probably the most valuable skill you can bring to the marketplace."

SWPPP implementation: What's ahead for the next five years?

In Minnesota, every airport applying for coverage under the National Pollutant Discharge Elimination System (NPDES) General Stormwater Permit was



Mike Harder

required to submit an application in 2010. This session identified the required elements of the next phase: implementation. The Minnesota Pollution Control Agency (MPCA) is responsible for implementing the state's NPDES program. Mike Harder with the Metropolitan Airports Commission described the steps required for each airport to comply with this implementation.

Year 1 of permit coverage (August 2010–July 2011 for most airports) of the implementation phase requires airports to prepare for sampling and testing stormwater runoff. Airports should review what is included in their Stormwater Pollution Prevention Plan (SWPPP) and note the best management practices (BMPs) they said they would use. Those BMPs should be implemented or installed in the first year and maintained as required. Airports should optimize the conditions under which samples will be collected in Year 2 by cleaning up metal scrap piles, covering stockpiles, and conducting training on best practices for spill prevention at fueling stations. The permit requires annual staff training on BMPs and SWPPP procedures as well as documentation of those training efforts.

Airports should also ensure that all tenants conducting industrial operations are meeting their own SWPPP requirements, Harder noted. Industrial operations include fuel storage and handling, deicing or anti-icing operations, outdoor storage, aircraft washing, and service of aircraft and ground vehicles. Industrial materials include fuels, lubricants, machinery, raw materials, waste and scrap metals, and waste byproducts.

At this time, airports can check if they are in compliance by visiting the MPCA website (www.pca.state.mn.us) and locating current permits by clicking on the picture labeled “Find environmental information about your

neighborhood.” Alternatively, airports can be searched by site name.

During the first year following permit approval, airports must:

- Post the permit coverage card.
- Conduct monthly inspections (twice monthly during deicing season).
- Perform required inspections twice annually during a runoff event.
- Train airport staff.
- Review and update their SWPPP.
- Document activities relating to the SWPPP.
- Submit their SWPPA annual report to the MPCA in March 2011.

Finally, during Year 1, airport managers should consider which laboratories to send runoff test samples to in Year 2. Harder recommended they conduct trial runs for sampling to ensure that enough runoff can be collected. Airport managers should also develop a tracking system that will record the dates, samples taken, corrective action, and any other documentation.

In Year 2, airports must sample their runoff once per quarter and submit the sample results to the MPCA. If the annual average result fails to meet the specified benchmark levels, additional modifications and testing will be required. Since this could prove expensive and time consuming, Harder encouraged airports to follow their SWPPPs and monitor stormwater runoff quality early.

Harder noted that airports within one mile of bodies of water classified by the MPCA as “impaired” or “special” have additional requirements.

During Years 3 through 5, airports should follow the same procedures as for Year 1, as long as the sampling results for Year 2 are below the benchmark levels. Otherwise, modifications to an airport's SWPPP during Year 3 and additional sampling during Year 4 (and possibly Year 5) are required. If an impaired water is added to an airport's area, samples must be collected during the year the impaired water is added. Harder also covered ways to obtain a “no-exposure” exclusion, details of which are included on the MPCA website.

Training key to safe partnering practices

In a session on partnering strategies, speakers gave suggestions for safely sharing local resources such as city staff and equipment and for using volunteers to save money.

Safe operations are an airport's primary responsibility regardless of budget constraints, said Alberto Rodriguez, FAA airport certification safety inspector. One way to help ensure safety is through training. Each airport should develop a training curriculum that includes, at a minimum, basic guidance for staff or volunteers on how to operate in an airport environment—especially for those who are new to such an environment.

Andy Peek, FAA program manager, said airport managers may want to keep a list of staff who have been trained for certain tasks so they can quickly find someone to call when a specific need arises. He also suggested that managers put placards listing key information in all equipment that goes out on the airport and to conduct “ridealongs” for new staff and seasonal workers.

Using volunteers for certain tasks has worked well at South St. Paul Municipal Airport, said airport manager Glen Burke. Two sources for volunteers are pilots and recent retirees. When seeking volunteers, Burke advised targeting requests to people likely to have the specific skills needed, which will help avoid getting people who are unfamiliar with using airport equipment. And be sure to give recognition to and train volunteers just as you would paid employees, Burke added.

Steve Wentworth with the City of Cambridge discussed the relationship between the city's public works department and its airport. The two entities have a good equipment-sharing relationship, he said, so availability of equipment is not a challenge, but finding staff hours to run the equipment and manage the work is. The airport has used workers with the Sentenced to Serve Program, but the drawback is that they need a lot of supervision, Wentworth said.

GA future looks good, but different

Jeff Hamiel, executive director of the Metropolitan Airports Commission, returned to the forum to give his outlook for general aviation. He began by noting that general aviation contributes more than \$150 billion to the U.S. economy, employs 1.3 million people, and carries 166 million passengers each year. It serves its communities through air ambulance services, law enforcement, disaster response, FedEx deliveries, and other services—yet, “Almost nobody understands or realizes the impact of GA on our economy,” he said.

Two-thirds of flying is done for business purposes, Hamiel continued. Target

Corporation, for example, flies between two and three flights a day all over the country. “These [planes] are tools of businesses—they're not recreational vehicles, but that's the perception out there.”

General aviation has struggled as a result of the economic downturn. Shipments using general aviation have decreased, fewer pilots are emerging from training programs, and few buyers exist for the many used airplanes in the marketplace, Hamiel said. After five years of growth, aircraft shipments were down in 2008 and 2009.

Still, Hamiel said he is seeing some slow signs of recovery: corporate profits are

beginning to recover, the use of existing fleets is stabilizing, and inquiries for new orders are growing. And he sees potential new growth coming from light sport aircraft (LSA). “They're not a big moneymaker, but it's a way of getting people engaged in low-cost aviation participation, primarily focused on recreational flying,” Hamiel said. Because these aircraft require only a sport pilot certificate to operate (rather than a pilot's license), cost around \$120,000, and have a strong safety record, they're “a great entry-level option,” he added.

Regarding safety, 2009 was one of the safest years in general aviation history,

GA future continued on next page

