National Aviation System Planning Symposium

Anchorage, AK

5/21/18

Agenda

- MnDOT and Minnesota Aviation

- Public Involvement Plan

- MnDOT SASP Approach

- New Path

MnDOT Aeronautics

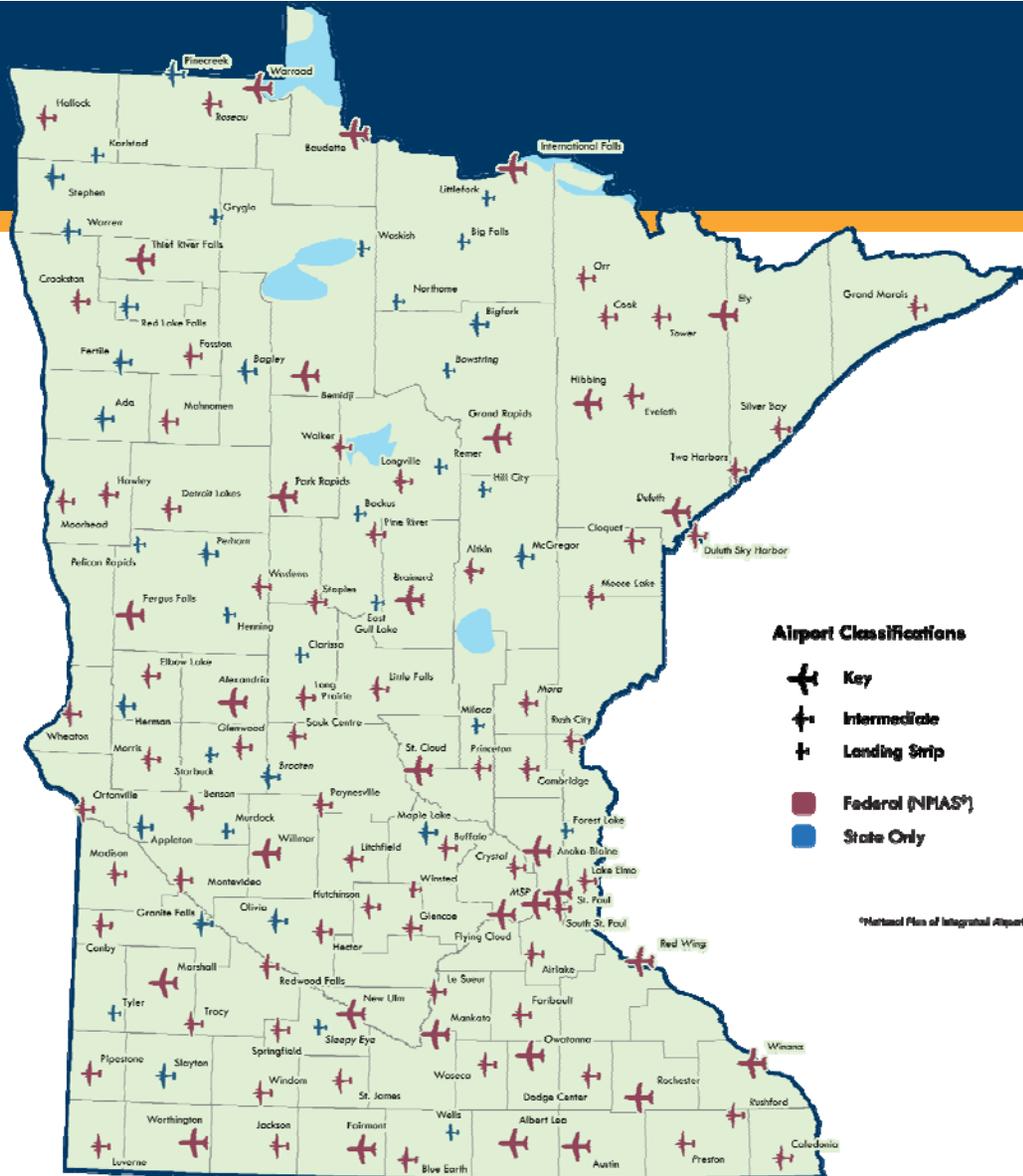•To ensure that Minnesotans reap the benefits of aviation

Personnel

- 40 Employees
  - Planning
  - Airport Development
  - Aircraft Registration
  - Air Transportation
  - Aviation Safety and Enforcement
  - Navigation Systems

Minnesota's System

- 135 Public Airports
  - 97 in NPIAS
  - 38 State

- Key (30)

- Intermediate (83)

- Landing Strip (22)

Airport Classifications

- ✦ Key
- ✛ Intermediate
- + Landing Strip
- ▮ Federal (NPIAS*)
- ▮ State Only

*National Plan of Integrated Airport Systems

MnDOT SASP Approach

Challenges

- **Functional**

  - The plan is very lengthy

  - SASP did not contain up to date information after initial publication

- **Decision Making**

  - SASP could include recommendations for funding which would help the state prioritize funding decisions

  - High level recommendations on the size of the system, is current size adequate, too small, too big?

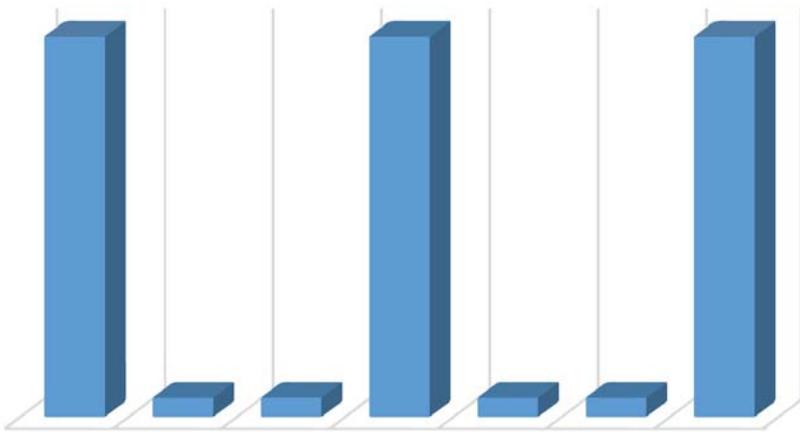 - Clarification on which objectives are requirements versus recommendations

Challenges

- **Education**

  - Comparison tools/information for airports to compare against average or other airports in their classification

  - SASP could include a package of tools for sponsors to share results of SASP and its ancillary studies

  - Could use additional information on NextGen rollout and impact on Minnesota

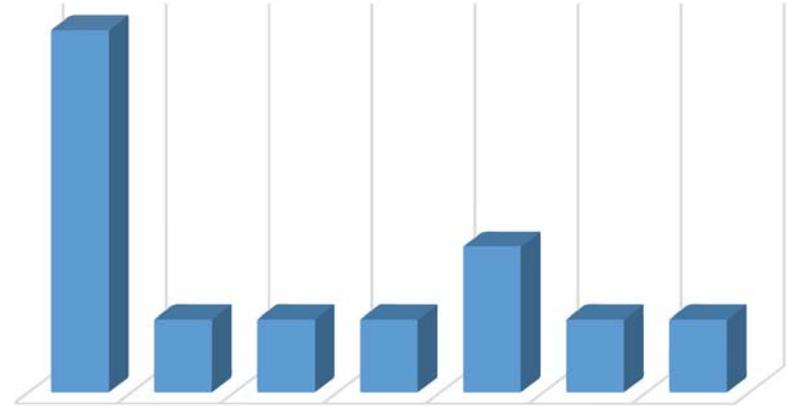 - Does not adequately include drones

Continuous SASP

Traditional SASP Effort

Continuous SASP Effort

→

- o Data obsolete upon publication
- o Some measures undelivered
- o Disruptive workflow

- o Data always current
- o State of system is always known
- o Leverages existing work

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Multi-phase

- Phase I
  - Public Involvement
  - Develop Framework
    - Classification
    - Measures
  - Identify data needs
- Phase II
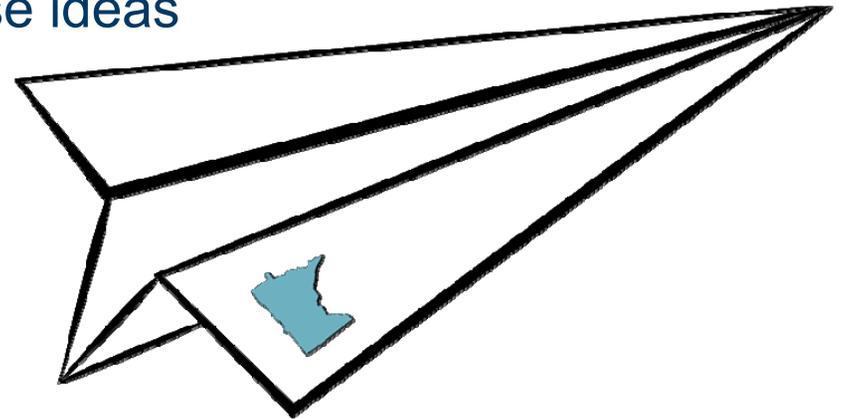 - Collect data
  - Publish document

Multi-phase

- Allows for change of course

- Wider perspective from multiple consultants

- Better distributes workloads

- More flexibility with funding, project schedules

Public Involvement Plan

- Mission: Make the SASP more relevant to more people more of the time

- The users of the SASP know how it could be improved and non-users know what would make it more useful

- The plan will be better for knowing these ideas

Advisory Committees

Four advisory committees guide the plan:

- MnDOT Aeronautics Staff

  Agency priorities

- SASP Advisory Committee (SAC)

  High-level policy guidance

- Technical Advisory Committee (TAC)

  Technical in-the-weeds issues
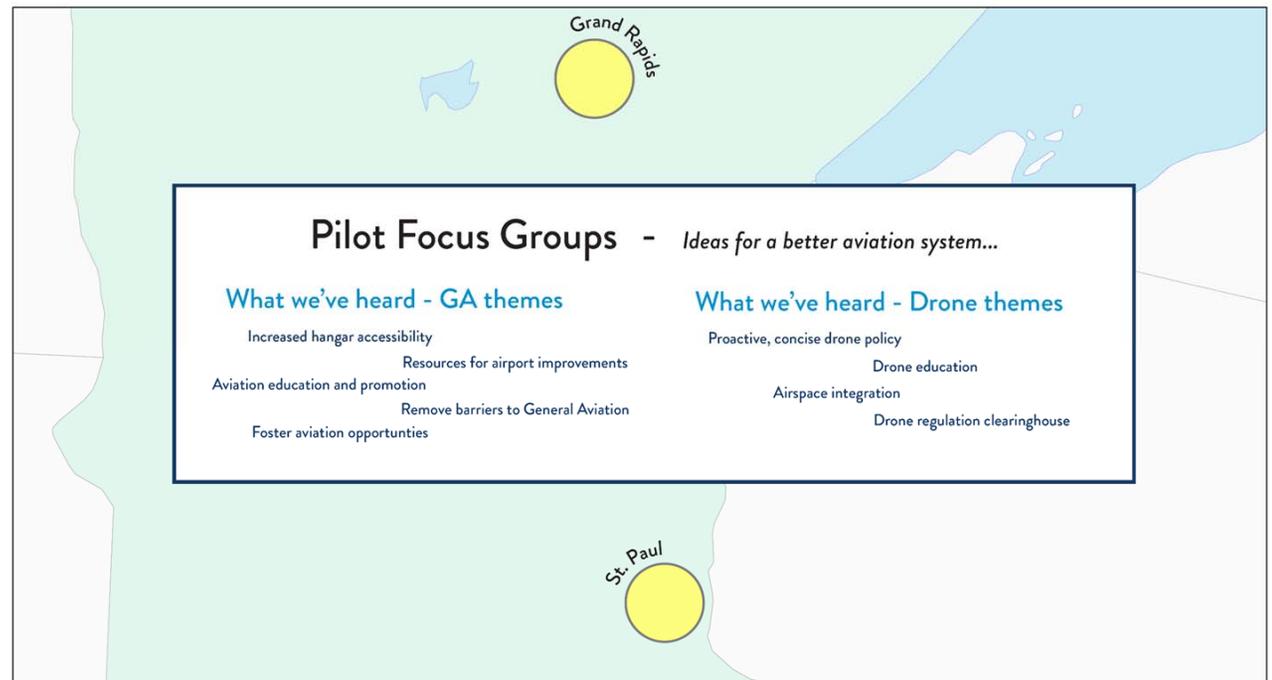
- Aviation Consultant Workshop

Set Expectations

The role of the SAC is to gather the best high-level policy ideas to carry forward to TAC meetings and further refinement by MnDOT.

- We do not need "answers"

- It is great ideas we are after

- This can be the start of the conversation

- Not all ideas will make it in to the plan

    - May be in other plans

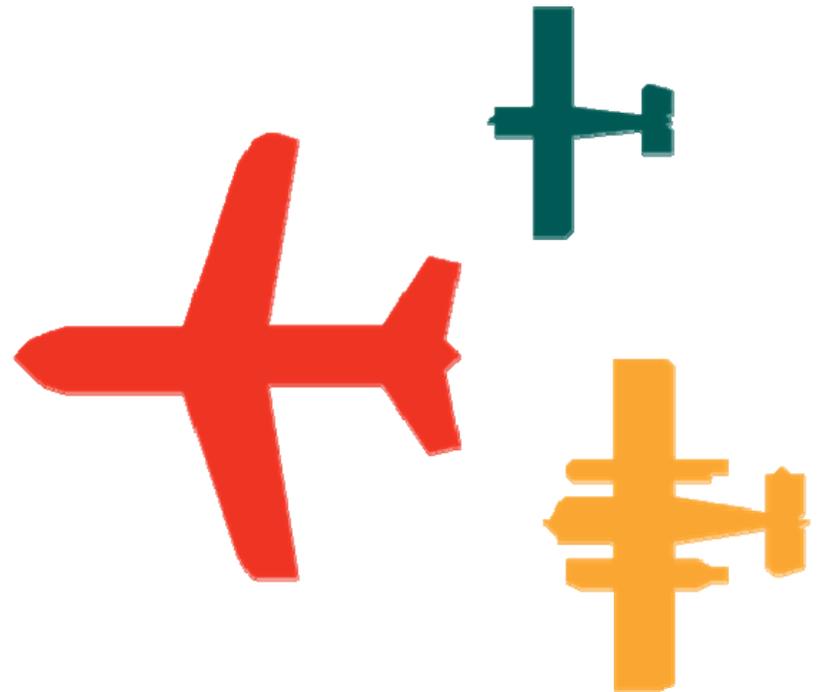   - May be addressed in another way

- Ensure that the best ideas make it in to your plan

- Tell your audience "what you heard" and who said it

- Increase buy-in
  - Even if you don't incorporate the idea

Pilot Focus Groups - *Ideas for a better aviation system...*

What we've heard - GA themes
- Increased hangar accessibility
- Resources for airport improvements
- Aviation education and promotion
- Remove barriers to General Aviation
- Foster aviation opportunties

What we've heard - Drone themes
- Proactive, concise drone policy
- Drone education
- Airspace integration
- Drone regulation clearinghouse
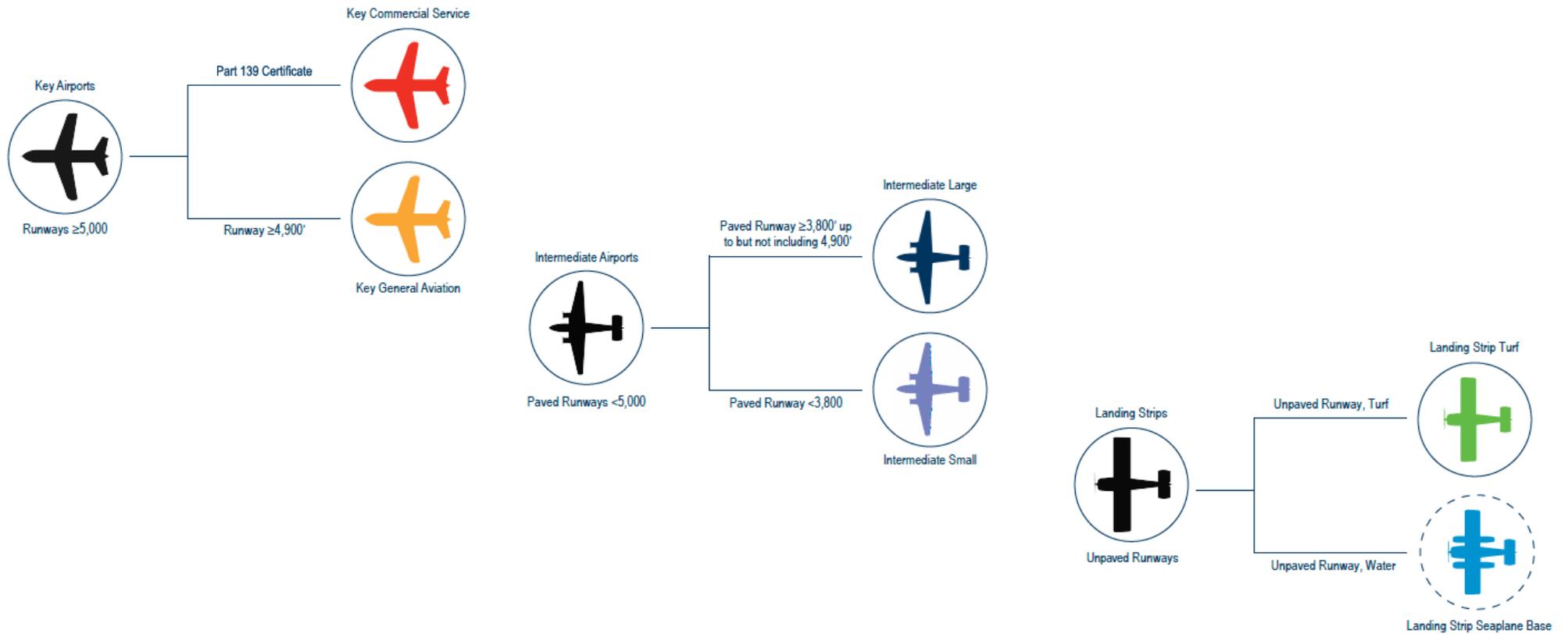
Leave Room for Other Ideas

- You will hear great ideas that have nothing to do with your SASP

- Ensure that you document them and take action

  - Clear zone policy should be integrated into SASP

New Path

Proposed Classification

Classification Roles

Agriculture • Medical • Recreational • Business • Airline Service • Military • Firefighting • Law Enforcement • Search & Rescue • Flight Training • Cargo • Single Engine • Twin Engine • Jet • Large Jet

- Strong demand to better communicate an airport's role to the community

- "Better educate the public"

Simplify Language

2012

Overarching Term:	**Minimum System Objectives and Performance Measures**		
Scope:	Airport		System
Name:	Minimum System Objectives	Performance Measures	System Indicators

Proposed New

Overarching Term:	**Performance Metrics**			
Scope:	Airport		System	
Name:	Airport Measures	Airport Indicators	System Measures	System Indicators

- Individualized airport roles

- Continuously report measures

- Report Card

- Comparison to similar airports

- Project milestones

- Tools to educate public

What's coming

- Economic Impact Study

- Phase 2

  - Collect Data

  - Publish the document

  - Develop dashboard

  - Chart out Aeronautics family of plans

Thank you!

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