



ADVISORY COMMITTEE WEBINAR #3

December 17, 2020



Agenda

- Welcome and Introductions
- Discuss 2020 Airport System Role Designations
- Discuss Non-NPIAS Airport Evaluation
- Discuss Facility and Service Objectives
- Next Steps and Wrap-Up

Advisory Committee Procedures

-
- Presentation will last approximately 30 - 45 minutes
 - Ways to comment:
 - During call
 - Ask a question anytime – line will be open
 - Use “Chat” feature in GoToMeeting
 - After call (or anytime)
 - Project contacts (phone and email) listed on Project Website
 - Will respond rapidly to all email questions and comments!





System Airport Roles

- Based on the roles developed in 2010 plan
- Used to assess system and develop facility and service recommendations
- Iowa's 5 airport roles:
 - Commercial Service
 - Enhanced Service (5,000 ft rwys, jets)
 - General Service (4,000 ft rwys, mid-sized jets)
 - Basic Service (3,000 ft rwys, fuel)
 - Local Service (turf, limited services)

Airport Role Designations

- 2010 Iowa system – 117 airports
- 2020 Iowa system – 114 airports
 - Includes
 - Sioux County Regional
 - Peltz Field
 - Airports closed since 2010
 - Sioux Center
 - Orange City
 - Morningstar
 - Onawa
 - Primghar



Airport Role Designations



Commercial Service – Support commercial service airline service and support all types of general aviation activity



Enhanced Service – Includes airports with runways over 5,000 feet that serve as economic centers for the region



General Service – Airports that have runways of 4,000 feet or greater and services that cater to small and mid-sized jets. Recognized as community assets.



Basic Service – Airports with runways greater than 3,000 feet and services that meet recreational general aviation activity



Local Service – Supports local activity and provide limited aircraft services



Airport Role Evaluation

- Reviewed 2010 airport role designations to determine if changes are warranted
 - Evaluated key facility improvements made since 2010
 - Reviewed recommended system improvements from 2010 SASP to determine current status
 - Determined current role for:
 - Sioux County Regional
 - Peltz Field

Iowa Facility Changes – 2010 to 2020

	Commercial and Enhanced Service Airports	General Service Airports	Basic Service Airports	Local Service Airports
Runway Length	-	Iowa Falls (4,000' – 4,600')	Jefferson (3,200' to 4,000')	Lamoni (2,900' – 3,400') Waverly (2,800' – 3,200')
Runway Lighting	Davenport (medium to high intensity)	-	-	Belmond (none to NSTD) Larchwood (none to LOW) Rockwell City (LOW to MED)
VGSI	-	-	Belle Plaine (none to 2L PAPI) Bloomfield (none to 2L PAPI)	-
REIL	-	Harlan (none to both) Mount Pleasant (one end to both) Oelwein (one end to both)	Emmetsburg (none to both) Shenandoah (one end to both)	Albia (none to both)
Fuel	-	Estherville (Jet A)	Marion (Jet A) West Union (Jet A) Winterset (Jet A)	Audubon (Jet A) Lamoni (Jet A) Larchwood (100LL - private system) Waverly (Jet A)



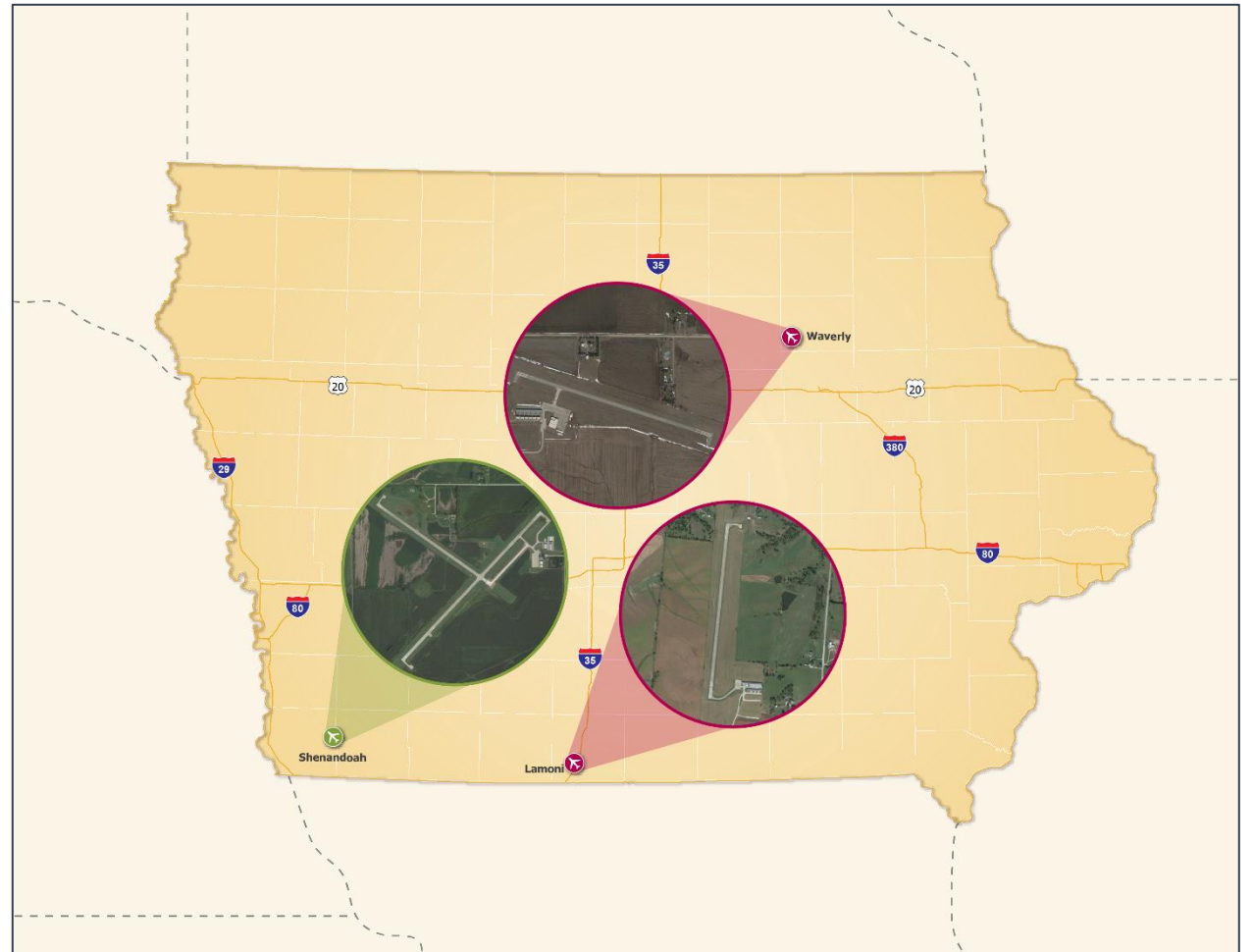
Status of 2010 Recommended Improvements

Airport	2010 Role	Next Highest Role Classification	Facility or Services Improvement	2020 Status
Albia	Local	Basic	Availability of staffing or on-call 24/7	Unattended
Audubon	Local	Basic	Availability of staffing or on-call 24/7	Unattended
Clarinda	Basic	General	Availability of based services	No Flight Instruction, Aircraft Charter, or Aircraft Rental
Guthrie Center	Local	Basic	Availability of staffing or on-call 24/7	Unattended
Humboldt	Local	Basic	Availability of staffing or on-call 24/7	Unattended
Lamoni	Local	Basic	Availability of staffing or on-call 24/7 Lengthen 2,900 feet runway	On-call 3,400 feet runway
Mapleton	Local	Basic	Lengthen 2,801 feet runway	No change in runway length
Maquoketa	Local	Basic	Availability of staffing or on-call 24/7	Unattended
Rockwell City	Local	Basic	Availability of staffing or on-call 24/7	Unattended
Shenandoah	Basic	General	Availability of based services	Flight instruction, aircraft maintenance, and aircraft rental available
Tipton	Local	Basic	Availability of staffing or on-call 24/7	Unattended
Waverly	Local	Basic	Lengthen 2,800 feet runway	3,200 feet runway



2020 Updated Roles

Airport	2010 Role	New 2020 Role
Lamoni	Local	Basic
Shenandoah	Basic	General
Waverly	Local	Basic



2020 New System Airports

Airport	2020 Role
Maurice	Enhanced
Ringsted	Local



2020 Recommended Airport Roles

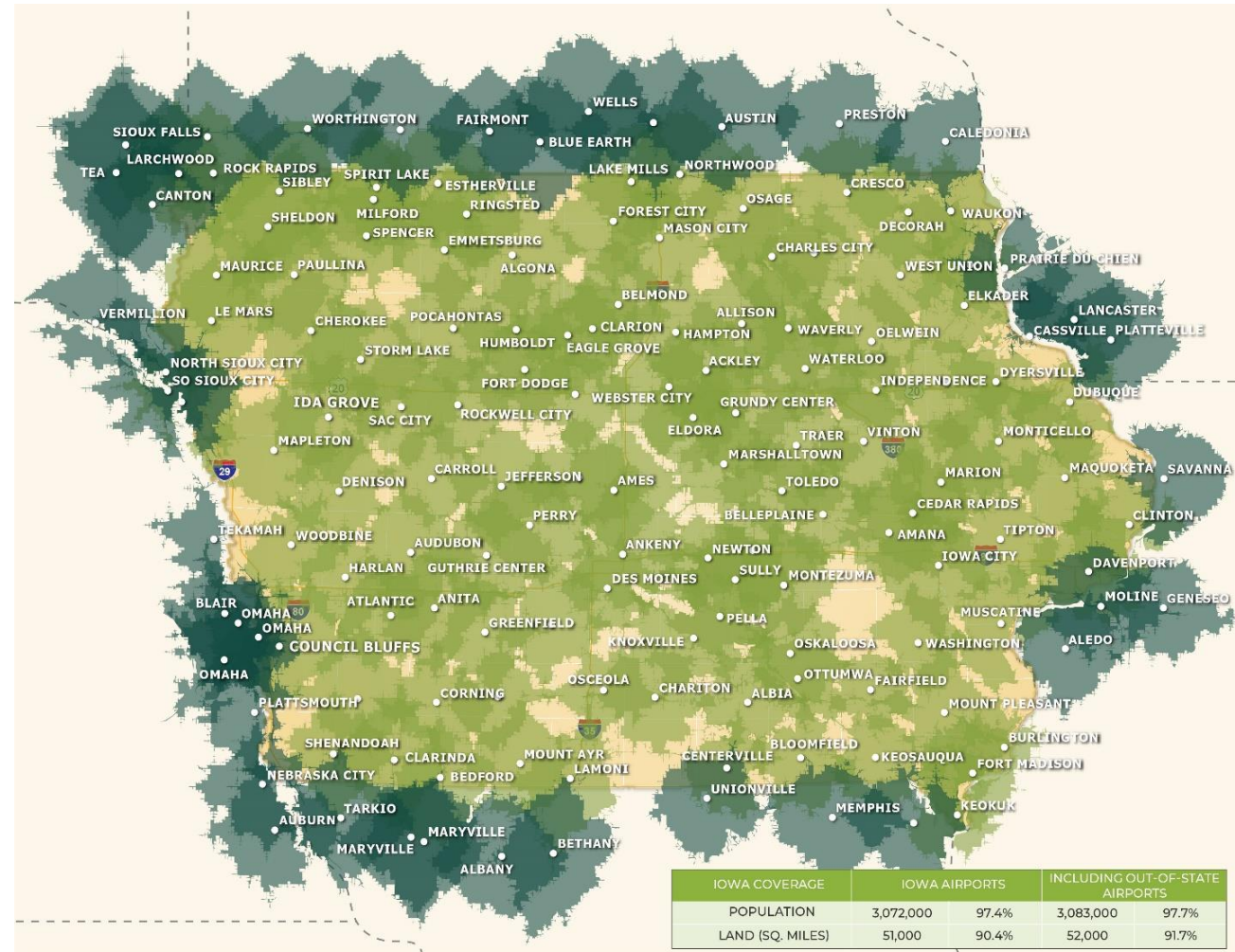
- **Commercial Service** – 8 airports
- **Enhanced Service** – 16 airports
- **General Service** – 31 airports
- **Basic Service** – 19 airports
- **Local Service** – 40 airports



System Performance – General Aviation Airports

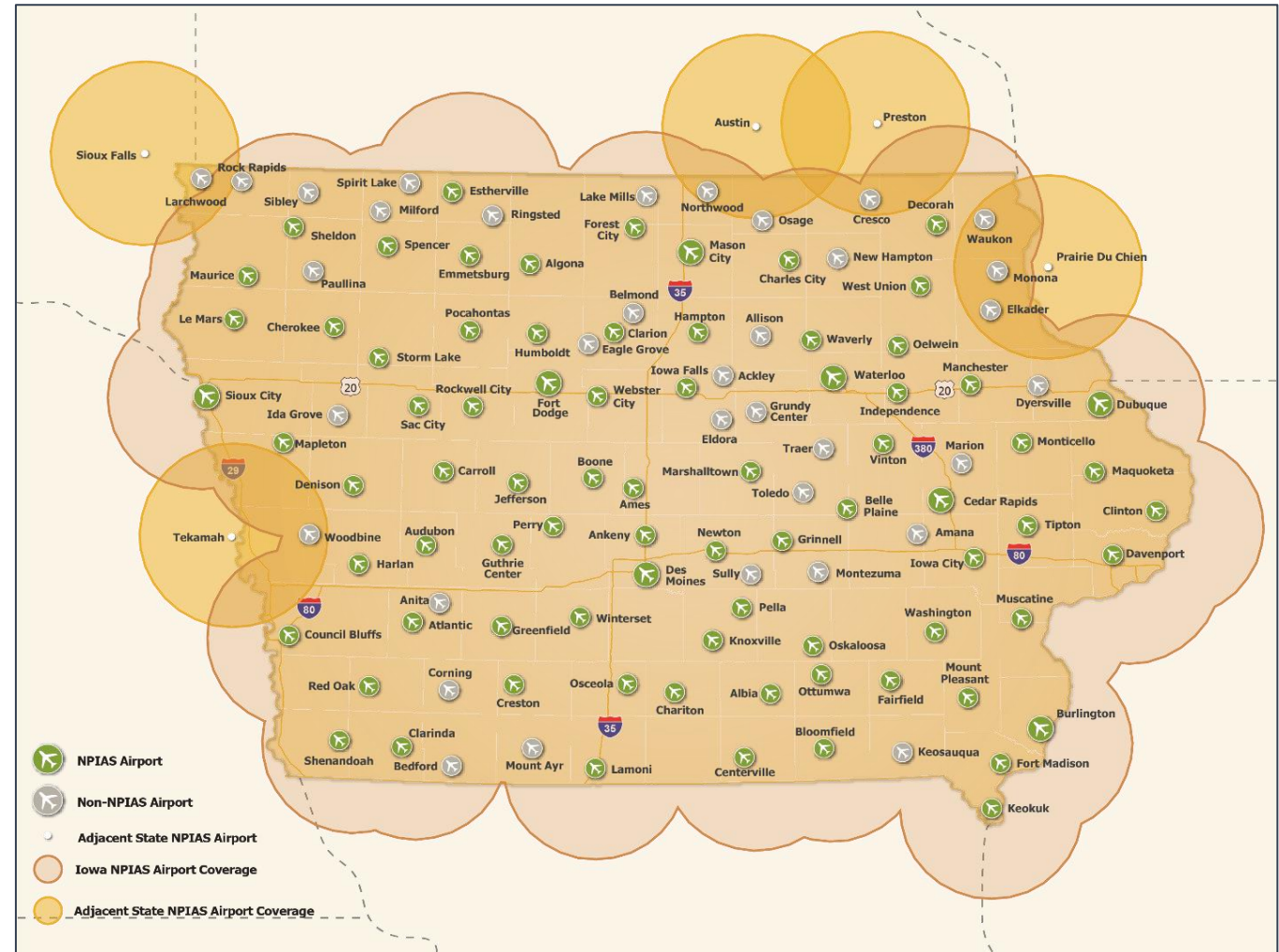
- Iowa has outstanding coverage
- Population - 97 percent
- Geographic– 90 percent
- Out-Of-State airports provide additional coverage along states borders
- Will develop coverage by role in Recommendations

30-Minute Drive Time



Non-NPIAS Airport Evaluation

- Must meet FAA NPIAS Requirements, including:
 - 10 based aircraft
 - Outside 30-mile radius of other NPIAS airport
 - Operated by public sponsor
- 35 Non-NPIAS airports in system
 - 8 airports have 10 or more based aircraft
 - No airports are beyond 30 miles of a NPIAS airport
 - No airports appear eligible for NPIAS inclusion



Airport Facility and Service Objectives

- Develop facility and service objectives (i.e. runway, taxiway, approach, lighting, weather, etc.)
 - Recommendations vs. requirements
 - Based on 2010 plan objectives
 - Must be measurable and in database
 - Scaled to each airport role
 - Will be used to develop project needs and development costs
 - **See Agenda to review all recommended objectives**



Required Role Criteria from 2010 System Plan

Commercial and Enhanced Service

- C-II ARC
- 5,000 feet
- Jet A and 100LL (24/7)
- Standard business hours, after hours on-call
- Based aircraft maintenance, charter, and aircraft rental. Flight instruction available.

General Service

- 4,000 feet
- Jet A and 100LL
- Standard business hours, after hours on-call

Basic Service

- 3,000 feet
- 100LL
- On-call



Next Steps

- Complete Roles and Facility/Service Assessment (Drafts being developed)
- Recommendations and Cost Estimates (Now through March)
- Prepare various deliverables (Begin in January)
- Next Advisory Committee meeting and public webinar to present draft recommendations (Early 2021)

Thank you for participating!

Website:

2020-iowa-aviation-system-plan.com



[Home](#) [Map](#) [Study Information](#) [Schedule](#) [Contact](#)



Welcome

Welcome to the official information web portal for the 2020 Iowa Aviation System Plan. This collaborative process will be conducted over the next 18 months and will involve the 115 system airports and their communities; the Iowa Department of Transportation's Aviation Bureau; the Federal Aviation Administration (FAA); and other regional, state, and federal organizations and groups with aviation interests.

We look forward to hearing from you during this important project.

Project Background

The current Iowa Aviation System Plan was completed in 2010. Since that time, conditions at many of the airports have changed, as has the aviation landscape, both nationally and in Iowa. The 2020 Iowa Aviation System Plan will build on the 2010 plan and will provide Iowa DOT with a fresh look at how the system is performing. It is anticipated that the study will be completed in 18 months.

The consultant team for this study is led by Jviation, with assistance from McClure Engineering and Marr Arnold Planning. The Aviation Bureau plans to use the results from the system plan update to: identify projects and airports that are most critical to the success of the state's airport system; make informed decisions on strategic investment needs; and provide individual system airports with information so they are positioned to resolve local deficiencies and gaps as part of their individual planning efforts.

[Back to Top](#)

©2019 All Rights Reserved • Jviation, Inc.