

Improving Access to Rural Communities



Presented by:

SuperAWOS - Aviation Weather & Advisory System



SUPREME AVIATION INC
A Venture of SANGEETA AVIATION SERVICES PVT LTD

4736 Airport Parkway Addison Airport Dallas TX 75001 USA
+91 9870811224 ammeet@supremeaviation.com +1 214 696 4437



Airport Authority

“In many remote, hilly and inaccessible areas of the country, *air transport is the quickest and sometimes the only mode of travel available.*”

How to Improve Access To Rural Communities?

■ Option 1

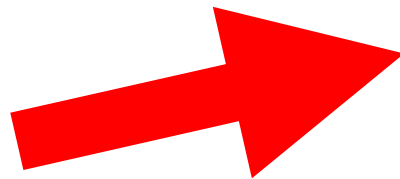
- Improve Roads?
- Improve Rail?

- Expensive to build
- Costly to maintain
- Slow over distance
- May still be dangerous

■ Option 2

- Improve Runways?

- Low Cost & Easy to Build
- Inexpensive to maintain
- Fastest way to travel
- Must be made safe



Air Transportation

Requires

1. PLACE: Runways & Heliports
Places to takeoff and land

2. MEANS: Aircraft & Pilots
Transportation between points

3. SAFETY: Safety & Reliability

Basic weather information

Recent Conditions at Destination: To make 'go' or 'no go' flight decision

Conditions along the Route: To assure safe travel to destination

Conditions on Arrival: To assure safe landing

Basic air-traffic services

Advisory for landing conditions

Effective response to aircraft accidents

Large Commercial Airports Serving Major Cities

- ✓ Available Runways
- ✓ Pilots and Aircraft
- ✓ Safety & Reliability

- Weather
- Air Traffic Services
- Aircraft Accident Response

Sensors/Observers /Meteorologists
Air Traffic Controllers
Emergency response on site

= Safe & Reliable
Air Transportation

*Large
Airports
All set!*

Rural Airports

Serving Rural Communities

✓ Available Runways

✓ Pilots and Aircraft

~~X Safe & Reliable~~

- Weather
- Air Traffic Services
- Aircraft Accident Response

Rural Airports
Lack basic safety services

~~Sensors/Observers/Meteorologists
Air Traffic Controllers
Emergency response on site~~

~~X = Safe & Reliable~~
Air Transportation



Air Traffic Control Tower

For major airports

Provides full service

- Air Traffic Services
- Meteorology Office
- Emergency Response

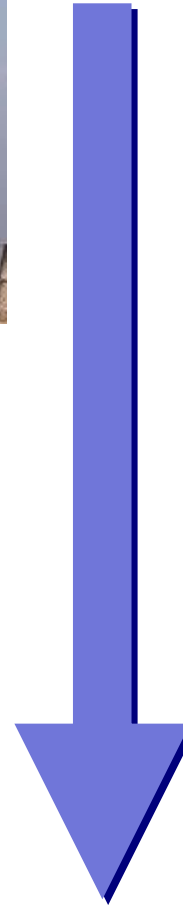


SuperAWOS

For smaller airports & heliports

24/7 Provides Automated Services

- Basic Air Traffic Service
- Met Observation & History
- Emergency Detection & Reporting



Not as good as a control tower, *but getting close*

Rural Airports

Serving Rural Communities

✓ Available Runways

✓ Pilots and Aircraft

✓ Safety & Reliability

- Weather
- Air Traffic Services
- Aircraft Accident Response

SuperAWOS

*Automates essential safety services
Almost like major airports!*

Sensors/Observers /Meteorologists

Air Traffic Controllers

Emergency response on site

✓ = Safe & Reliable ←
Air Transportation !

SuperAWOS solves *all* the problems

■ Practical Anywhere on Earth

- 100% Solar Power off-grid power independence
- Linked by global satellite communications
- Quick & Easy to Install & Maintain by Local Non Technical Personnel

■ Service Beyond Basic AWOS

- Automated basic air-traffic & weather services
- Ideal for ANY rural airport or heliport
- Rapidly deployable, easily sustainable network
- Built-in aircraft accident detection & remote reporting



■ A practical Real World Solution

- *Air Transport for Rural Communities Everywhere*
- *Safe, Reliable & Sustainable*

Air Transportation

Big Cities
are all set !



Rural Access



Economy & Tourism



Rural Medical Services



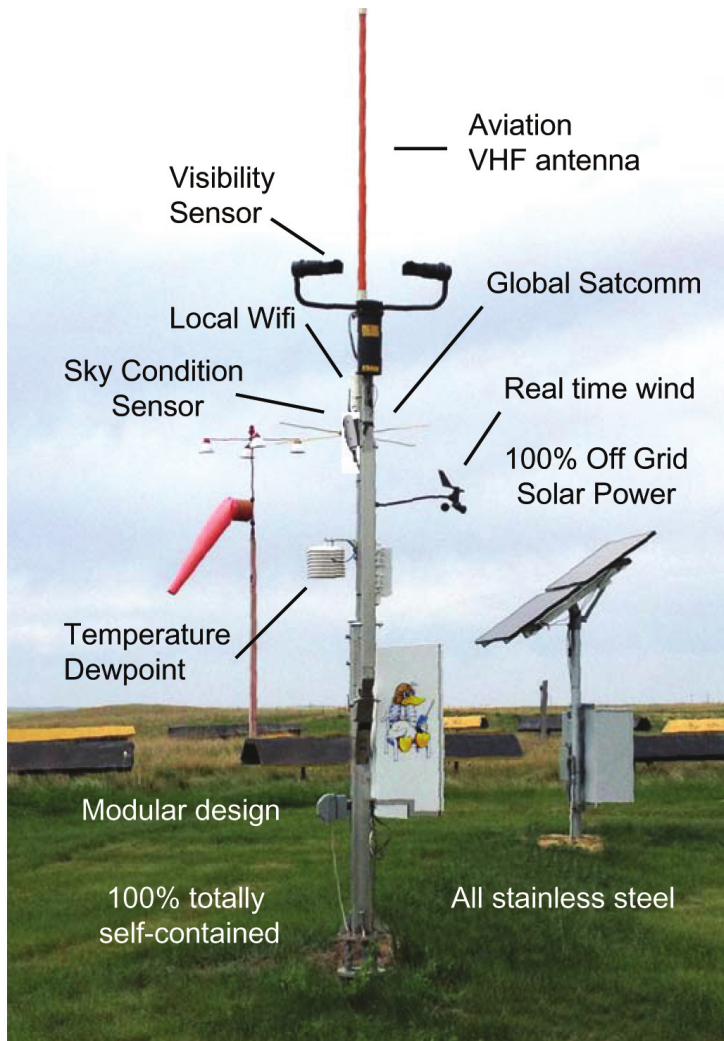
Goods & Services



Emergency Response



= Quality of Life



The Practical Solution For Small Airports Becomes *Obvious*

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