



ADVANCING COMMERCIALIZATION


^{11th Annual}
UAS
SUMMIT

August
21-23
2017



Day 1

- UAS Student Access Day
 - Significance of one day for students
 - UND Flight and Space Program
 - Told that in three years there would be more students in the UAS program than commercial flight school



This is the 12th Summit

- ▶ How it got started?
 - ▶ New mission for GFAFB
 - ▶ Down sizing of space (land) requirements
 - ▶ Federal grants
 - ▶ Now called Grand Sky
 - ▶ Includes Northrup Grumman Corp

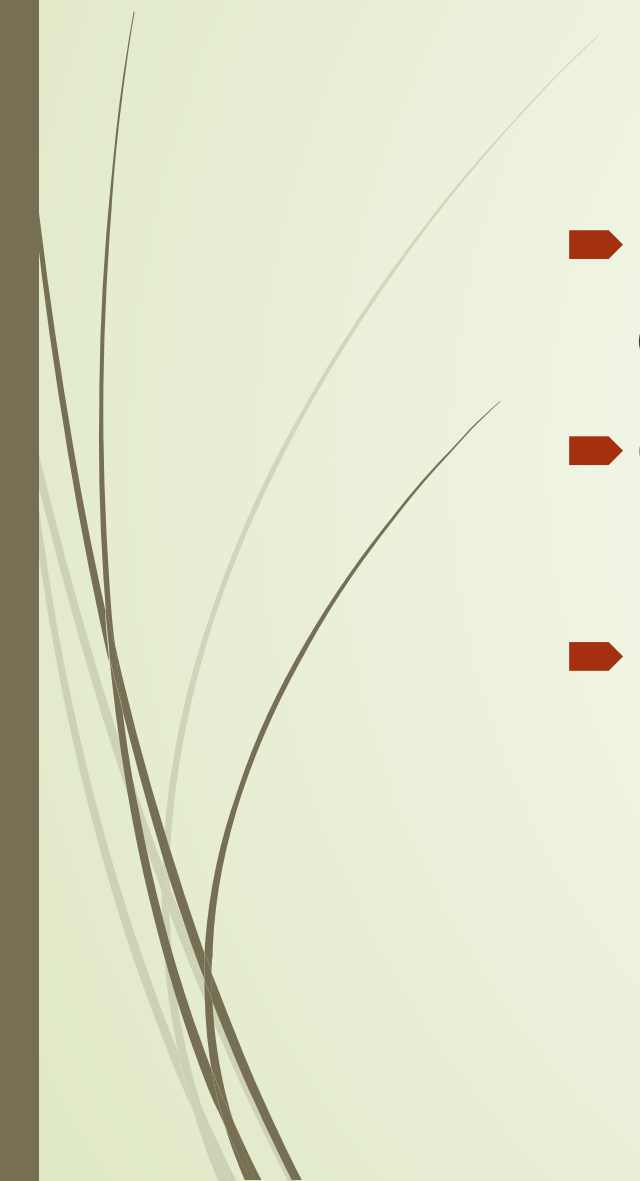


Who are the Players

- ▶ Northrup Grumman
- ▶ eSmart
- ▶ General Dynamics
- ▶ Harris Corporation
- ▶ INSITU
- ▶ Northern Plains Unmanned Aircraft Systems Test Site



Why Grand Forks?

- Home to one of the top 5 best drone training colleges
 - One of a few places in the nation authorized for Beyond-Line-of-Sight Operations
 - Home of Grand Sky, the first and only UAS business and aviation park
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The BIG Issue

- **Beyond Visual Line of Sight**
 - FAA controls the airspace
 - Distance capacity
 - Payload capacity



What's in it for Western ND

- Pipeline surveillance
- Electric line surveillance
- Crop/livestock
- Fishing! https://www.youtube.com/watch?v=65x2jxTG5_k
 - Minute .30-1:30, 6:50-7:15, 8:00-9:00



Discussion