

# A Few Comments on Aviation Weather Training Session

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# A Few Historical Slides

# Aviation Weather Training Vision

JPDO WxIPT Training Sub-Team  
Presenters: Al Kaehn and Jeremy Andrucyk  
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## WxIPT Training Sub-Team Mission

Enable aviation weather consumers  
to maximize the use  
of weather information and products  
to achieve a safe, effective, robust,  
and high capacity aviation environment.



# Training Goals

- **Program Management**
  - Assure that clear, well planned investment strategies for NGATS are supported by a sustained, broad, and responsive aviation weather training program for all job specialties
- **Program Review**
  - Routinely address policy, regulatory, and procedural issues driven by expected changes in the NGATS concept of operations (CONOPS)
- **Requirements Definition**
  - Develop aviation weather training requirements which flow from the NGATS CONOPS



## Near-Term Focus: Distance Learning

- Accelerate the development and refreshment of the Distance Learning Aviation Course (DLAC) series by COMET:
  - Forecasting Fog and Stratus
  - Building Effective Terminal Aerodrome Forecasts
  - Convective Forecasting
  - Turbulence Forecasting
  - Local Aviation Weather Hazards Forecasting
- Benefits:
  - Shortens the development timeline as much as 40% or 5.5 years over 11 years
  - Available to all
  - Content can be repurposed to other audiences



## Near-Term Focus: Controller Curriculum

- Sharpen the weather portion of the training curriculum being developed for the new 12,500 Controller hires:
  - Identify recent weather system acquisitions or other technological advancements (i.e., communications and display) across the wide range of controller functions to be included in training curriculum
  - Recommend existing or develop training to meet gaps in Controller curriculum
- Benefit: Establishes baseline training program for Controllers to effectively use advancements in aviation weather technology



# Training Consumers

- Job specialties:
  - Meteorologists
  - Traffic Flow Management
  - Air Traffic Controllers
  - Flight Service Specialists
  - Dispatchers
  - Pilots
  - Airport Operations
- Within each job specialty, there may be a government (civilian), military, and/or private sector requirement

