A Few Comments on Aviation Weather Training Session

John McCarthy
A Few Historical Slides
Aviation Weather Training Vision

JPDO WxIPT Training Sub-Team
Presenters: Al Kaehn and Jeremy Andruycyk
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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