

NEW SERVICES TO MEET USERS' NEEDS

Segment 2 – Product Needs and
Methods of Introduction

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Agents of Change

- Weather Mission Need Statement (6/02)
- Investment Analyses (03+)
- Users' Needs Analyses (Ongoing)
- Aviation Weather Technology Transfer Board (Ongoing)
- Special Groups (Ongoing)
- Safer Skies, GA JSC & CAST (Ongoing)

Weather Mission Need Statement: 8 Packages

- Thunderstorm Impact Mitigation
- Non-Convective Turbulence Impact Mitigation & Winds Aloft Optimization
- In-Flight Icing Impact Mitigation
- Obstructions to Visibility Impact Mitigation
- Windshear Coverage Expansion
- Wake Vortex Impact Mitigation
- Mitigation of Snow & Ice on Ground Operations
- Efficient Airport Reconfiguration in Response to Wind Change

Users' Needs Analyses

- Traffic Flow Management Units
- Precipitation Intensity Terminology
- Ground Deicing/Anti-icing Operations
- Volcanic Ash
- Collaborative Convective Forecast Product
- Wake Vortex
- Graphic FA & GAMET

Aviation Weather Technology Transfer Board (AWTT)

- FAA/NWS Board of stakeholder managers
- Approves wx products for experimental or operational use
- Approves product labeling
- Supported by users reviews of products
- Approved NCWF & CIP
- Will consider AutoTurbulence Airmet 20+ as operational guidance for meteorologists

Special Groups

- NAS/NRC Workshop on 2-6 Convective Forecasts
- Combined Weather Product Initiative for:
 - Developing graphical versions of current text products
 - Automating production of text products
 - Consolidating products
- Industry/Government group for Users' Requirements Driven ATM OpsConcept

Safer Skies, GA JSC & CAST

- GA JSC monitored implementation of GA Wx Safety Enhancements (Ongoing)
- CAST approval of Turbulence Safety Enhancements ('03)
- CAST startup of Weather JSAT covering ground deicing/anti-icing ('03)

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