

## Tactical use of WX Radar in ATM

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Ground-based weather radar information has been recognized as necessary for the safety and regularity of international air navigation and is thus a defined standard in the service provision for operators and flight crew members in the Annex 3 of the ICAO. However, the technical details of this provision is left for the national MET authorities in consultation with the operators concerned. In the past weather radar products were first and foremost used in the strategic pre-flight planning by operators and flight crew members. In recent years this usage is gradually moving to an increasing use of ground-based weather radar data for in-flight replanning, tactical use in ATC and even usage for aircrafts in flight. With this transition both MET providers and operators have to cope with paramount changes in their established routines.

The talk will present some "best practices" and "lessons learned" from the daily routine of this latest usage of weather radar in ATC and General Aviation and will show some upcoming requirements for the in-flight use of ground based radar in the cockpit.