



## Newsletter #3

### Dear friend of AVTECH!

Our SIGMA™ service has now been launched with BRA-Regional airline in Stockholm, who's pilots receive our High-quality turbulence reports in their pre-flight briefing package.

For an airline having a route net where many sectors are less than one hour, this solution is working very good. The initial reports from the pilots are positive, and both the turbulence and the adopted SIGMET reports are found very useful.

### More airlines join us

Our second trial partner Norwegian Air Shuttle will shortly launch the SIGMA™ service to both their Short- and Long-Haul fleet.

Norwegian pilots will receive both Aventus High-quality winds, turbulence and SIGMET reports applicable for their specific route as entered in the FMC.

If the flight receives a route- or altitude change, the pilot can by a simple push of a button request an update report, and at the same time SIGMA™ will look out for forecast updates and send them automatically.

### iOS APP



AVTECH's new SIGMA™ APP was ready for demonstration at The 11<sup>th</sup> Flight Operations Conference in London and here is a screenshot.

The information is updated when there is a WIFI or 3G-connection and supply the pilot with a clear picture of severe weather.

AVTECH's SIGMA service is receiving weather from Met Office UK's most advanced models which predicts turbulence with the most precise accuracy in the market.

Unlike standard (and free of charge) weather, which defines turbulence within 140km (approximately the width of Scotland), Met Office models look at every 10km, all around the globe.

It is fair to say that this is most likely the best, and most precise, information available in the market.

The benefits with Aventus SIGMA™ are obvious. The pilot has, already on ground, a clear picture of any severe weather that will affect his flight. For ACARS equipped aircraft, the information is updated automatically in flight, making sure the Flight Crew can decide on the safest course of action at any given time.

Cabin Crew and passengers can be briefed well ahead of any disturbance, allowing for good service and a sense of being well cared for.

More benefits? Yes!

As our high-resolution wind data is part of the App display, any aircraft type that has the possibility to enter wind information in the FMS, can, at no additional cost, use these winds and save fuel in the process.

Feel free to contact AVTECH [sales@avtech.aero](mailto:sales@avtech.aero) for your free demo of the system!

### **High-resolution weather model – Benefits and possibilities**

AVTECH is planning for a series of webinars, where the benefits and possibilities using High-resolution weather is in focus. Modern forecasting offers so much more than what was available in the old days, and AVTECH strongly believe this higher quality weather will soon set new standards for the airline industry.

Already now there is evidence that if Flight Crews had had access to High-resolution turbulence information they could have avoided flying in severe turbulence, and thus avoided the subsequent diversion and maintenance cost.

So look out for our upcoming invitations for these webinars!

This season usually allow for some time off and a chance to spend time with family and friends. From our office I can view a wintery and snow-covered Stockholm, which gives a sense for the upcoming holiday.

We at AVTECH wish you the best of season 2017 and the very best for 2018 and hope you have a chance to enjoy the holidays.

Best regards

Sören Skog  
Marketing Director

The AVTECH logo is rendered in a bold, italicized, blue sans-serif font. The letters 'A', 'V', 'T', and 'E' are underlined with a thick blue stroke. A white swoosh underline is present under the 'C' and 'H'.