

PRESS RELEASE

SUCCESSFUL INTEGRATION OF SBS-2 WITH PILOT ARTAS RADAR PLATFORM

Kinetic Avionic Products Limited is pleased to announce the successful integration trial of its SBS-2 Receiver with a pilot ARTAS unit at Skyguide.

SkyGuide, the Swiss air traffic services provider in Geneva, is commissioned by the Swiss government to manage and monitor all air traffic in the country's airspace – one of the most complex in Europe – and to ensure safe flight operations.

The ARTAS units at Skyguide are designed to establish an accurate Air Situation Picture of all traffic over a well-defined geographical area and to distribute the relevant surveillance information to a community of user systems. The ARTAS units currently process target reports from multiple radar sources to form a consolidated picture of the Air Traffic situation within a given area.

The technological trial is being conducted on an ARTAS V7 platform which is designed to interface with ADS-B ground stations to receive and decode ADS-B target reports and integrate them into the core tracking environment. Using the SBS-2 Skyguide is able to cheaply, reliably and efficiently prove this feed against several traditional radar sources and correlate this data together.

The SBS-2 is a self contained Mode-S receiver and processor housed in a 19" rack-mounted chassis with touch-screen display, keyboard and mouse. The technology features include Mode-S and ADS-B processing, RF monitoring, on-board analytics and connects via an Ethernet feed. The Ethernet feed provides multiple accesses to ASTERIX CAT 21 data streams in both V0.20 and V0.26 versions.

The SBS-2 fulfils the needs of a wide range of users such as airport operators, airlines, flying schools, avionics manufacturers, military, government and police organisations, air traffic managers, educational establishments, and research organisations. Possible roles include use as an ADS-B ground station, fleet identification and tracking, cross-country navigation management, passive air traffic surveillance, detection of transponder malfunctions and anomalies, as well as a huge number of specialist/bespoke functions. The SBS-2 is ideal for integration into OEM applications.

David Goodman, Chief Executive of Kinetic is encouraged by this recent success, "I would like to congratulate my team and the team at Skyguide for both their vision and execution. This trial was accomplished by Skyguide in its willingness to examine best novelties on the ATM market as part of its ongoing "technological survey" activities. The SBS-2 continues to demonstrate the company's capability and that avionics can be made affordable whilst still offering a quality solution. I expect that other ATC providers will follow the example taken by Skyguide and utilise the benefits of ADS-B to complete the air traffic picture."

To find out more about the SBS-2 system and the KAPL Product Range contact **Mark Maurice** on +44 (0)20 7404 1941 or visit www.kinetic-avionics.co.uk.

(441 Words)

To Editors:

About Kinetic Avionic Products Limited

Kinetic Avionic Products Limited specialises in the design, development and deployment of innovative products for the avionics and aviation community. Umbrellaed as part of an ISO 9001-2000 company group with a global customer base, our engineers have designed, developed and deployed state of the art avionics within the UK and overseas territories.

The use of state-of-the-art technology allows KAPL to produce compact, advanced and highly reliable, industry compliant solutions. Embracing the latest technological advances is a key part of our ethos. Our specialised team of engineers, programmers and technicians work together to innovate pioneering and cost effective products.

KAPL are designers and manufacturers of the SBS-1 Real-time Virtual Radar, SBS-2 Professional Mode-S/ADS-B Receiving Station, SBS-2M Mode-A/C/S/ADS-B Receiving Station with Multilateration and the Lightweight Aviation SSR Transponder range (L.A.S.T/L.P.S.T/P.M.T)