

Arinc tidies the cockpit with the eFlybook



Arinc (stand 758) has joined the battle against paper in the cockpit, launching a tablet PC-based "mini-electronic flight bag" called eFlyBook that can be used to view en-route charts, approach plates and other flight documents in all light conditions.

Capable of displaying all of the USA's digitized terminal procedures, en-route charts and FAR/AIM documents, along with the US airport facility directory and user-installed documents, eFlyBook incorporates viewing and compression technology from MyAirplane.com and the eReader from iRex Technologies.

The eFlyBook weighs under 1lb (0.45kg) and measures 6 x 8.5in (16.5 x 21.6cm) high by less than 1in deep, with a screen measuring 4.8 x 6.4in.

A rechargeable battery provides enough power for more than 20h operation, and users can zoom into and pan across documents and write on the screen with a stylus.

The device has 256Mb of memory, of which 128Mb is available for content. Additional capacity can be added via external slots.

User-installed content can be loaded from a PC via a USB cable or data stick, MultiMediaCard or compact flashcard. eFlyBook can also be connected to the internet via Ethernet cable or 802.11g WiFi wireless to use subscription services for aeronautical content updates from MyAirplane.com.

Arinc has also introduced Virtual Fuel Desk, an online tool to help business aviation operators buy fuel efficiently.

It provides comparative pricing from multiple suppliers at most of the relevant US and Canadian airports and fixed-base operations.

Virtual Fuel Desk is now included with all subscriptions to the Arinc Direct package of services for business aviation.

Upgrades for Twin Commander veterans

Twin Commander (stand 4636) has improved its veteran line-up of turbo-prop business aircraft.

Following the purchase of the company last year, owner Jim Matheson says that the OEM is working on important upgrades and enhancements to aircraft pressurization and fuel quantity indication systems, as well as significant reductions to the cost of factory parts.

Method

"Testing will begin soon on a new method of stopping pressurization leaks at the rear pressure bulkhead that does not involve the liberal use of sealant," says Matheson.

"This new method centers on applying a membrane-like seal to the critical area. Once installed, it should eliminate the need for repetitive removal of the aircraft interior and reapplication of the sealant material traditionally applied to correct pressurization leaks."

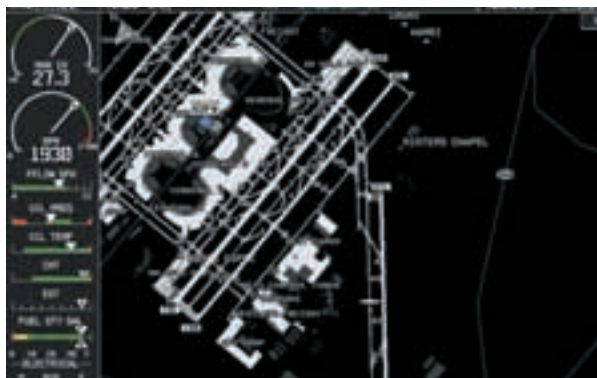
NBAA is also the platform for the results of a price review of factory replacement parts. "We are aggressively pursuing parts that are priced out of alignment," adds Matheson. "We are attacking parts pricing by identifying new vendors and new materials, re-engineering parts where possible to improve manufacturing efficiency, and streamlining our internal processes to eliminate unnecessary steps."

Garmin adds ground guidance to G1000

Kansas-based avionics provider Garmin International announced here today an array of new charting and ground movement enhancements for its G1000 integrated avionics suite.

Designed to simplify operations, improve situational awareness and increase safety in flight and when taxiing, ChartView, FliteCharts and SafeTaxi are on display at the Garmin stand (2853).

ChartView presents electronic versions of Jeppesen en route and approach charts and airport diagrams, along with the aircraft's present position, on the G1000's multifunction display (MFD). Subscribers will receive periodic updates on DVD for upload



to the aircraft system and to allow charts to be displayed and printed on the ground.

FliteCharts is an electronic version of the National Aeronautical Chart Office (NACO) US terminal procedures publication. It allows pilots to quickly find and view NACO departure proce-

dures, standard terminal arrival routes (STAR), approach charts and airport diagrams on the MFD. Users will have access to a total 17,500 approach plates for more than 2,900 airports. Regular updates will be supplied as they become available from NACO.

SafeTaxi displays the aircraft's position in relation to runways, taxiways and hangars. Information for more than 700 US airports will be offered initially, and new charts will continue to be developed as information becomes available from NACO. Garmin plans to offer international airport diagrams in the future.

SafeTaxi is also available on Garmin's GPSMAP 496 portable unit, which can display more than 650 US airport diagrams.

The Cessna Citation Mustang is the first G1000-equipped type to incorporate the three new features. Garmin expects them to be implemented by other aircraft manufacturers from next year.



Finalists try to win a Hummer at NBAA

A national campaign from TAC Air will end at NBAA on tomorrow afternoon with one person walking away with a brand-new Hummer H3

TAC wants NBAA visitors to join it on stand 2285 to join in the fun and celebrations as each of three finalists - out of 12,500 entrants nationwide - tries to unlock the H3. They will pop the cork on champagne and celebrate as the winner drives away with the prize valued at more than \$30,000.

Throughout NBAA TAC will also be showing how its online customer comment system works and how it has led to an improvement in service standards at the company's 11 fixed-base operation facilities from Texas to Connecticut.

E-A-R delivers Gulfstream kit

E-A-R Specialty Composites has delivered the first Gulfstream G150 thermal/acoustic kit to the business jet manufacturer's completion center.

Following several years of design and development of the integrated system, E-A-R is to continue to supply technical, logistical and value engineering support.

Green Gore deal

Gore Design Completions has signed contracts for its first two "green" Boeing BBJ completions.

One aircraft is already at its site in San Antonio, Texas, with the second to follow early in 2007. Each project is expected to take about 11 months.

A leading supplier of custom aircraft interiors, Gore has completed several green 767s for heads of state, and has performed nearly a dozen interior refurbishments, avionics and electrical system upgrades and maintenance on BBJs.

Lear thrusts with Nordam

The Nordam Group has successfully completed Federal Aviation Administration type inspection and flight test of a new thrust reverser control unit (TRCU) for the Learjet 40/45.

The unit has received supplemental type certificate approval and is being incorporated as an upgrade on all new production Lear 40/45s.

Wireless router

Iridium service provider Blue Sky Network (stand 4471) has introduced the Wireless Airborne Router, designed to manage cabin wireless and wired networks.

The router allows passengers to share the Iridium data capability, work with wired-Ethernet devices plugged into a built-in four-port hub, and even use laptops to play multi-user games.

It can also support passenger VPN access, and pilots can use it to exchange files with electronic flight bags.

Win a film

Dallas Airmotive (stand 1900) is holding a daily draw for a copy of the film One Six Right: The Romance of Flying. Stop by the stand and drop your card or fill in the entry form for a chance of winning.

HALL HIGHLIGHTS

JEPPESEN BUILDS ON WEB-BASED TRAINING

Jeppesen (stand 1100) says it is moving towards digital solutions for pilot and maintenance technician training products.

The company says this will move content away from paper textbooks to various customizable methods –

web, CD, or a combination of printed and electronic media.

The first element is the new Jeppesen Flight Crew Training system, aimed at business aviation operators who need a flexible, web-based, recurrent training system, allowing pilots

to stay on the job and receive recurrent training during their downtime.

The administrative toolsets make it easier and less time-consuming for training managers to plan and track ongoing pilot training activities in a centralized web-based location.



King Air winglet approved

BLR Aerospace (booth 4031) has announced that it has received supplemental type certification for its new Beechcraft King Air 300 winglet system.

BLR also has announced the availability of optional de-ice boots that will extend de-icing coverage to the leading edge of winglet-equipped King Air 200s. "It's gratifying to bring winglets to King Air 300 operators," says Dave Marone, director of sales and marketing. "When we released the King Air 200 system at NBAA last year, the King Air 300 operators made it very clear that they, too, wanted a winglet system — and here it is." First deliveries of the systems are expected to begin shortly after the show. The winglets are purported to deliver increased cruise speed of 5-8kt (9-15km/h) or reduced fuel consumption of 3.5% and an increased rate of climb of 300ft/min (15m/s). "It all adds up to a measurable return on investment for operators," says Marone.

Hi-Mach promises low fuel burn

If you are accustomed to life in the fast lane, cruising above Mach 0.80, Aviation Partners (stand 876) has a fuel-efficient addition to keep the speed and reduce your fuel burn – the Hi-Mach Super Critical winglet.

The new winglet has been designed for optimum efficiency during high-speed cruise and claims to reduce drag, increase range and save even more fuel than its traditional blended winglet predecessors. The winglet should provide a range improvement of 5% at high-speed cruise and correlates into an 8% increase at traditional long-range cruise speeds.

"Now, operators can enjoy all the benefits of blended winglet technology, but with augmented performance at higher cruise speeds," says Dick Friel senior vice-president of marketing.

The winglet program for the Hawker 800 and 800XP now has 50 aircraft fitted and a total of 60 shipsets sold and typically sees improvements of 7% in fuel burn, an extra 180nm (335km/h) range, increased cruising speeds by 18kt (33km/h) and achieving 2,000ft (600m) higher initial cruise altitudes.

Aviation Partners has also been selected by the US Department of Defense to equip its Andrews-based C-32s (the military version of the Boeing 757-200) used by the secretary of state, vice-president and other senior government officials.

TRACK YOUR PAST.
CONTROL YOUR PRESENT.
PREDICT YOUR FUTURE.
THAT'S THE POWER OF ESP.

API's new Electronic Supply Program (ESP) gives you complete control over every part in your warehouse. With just a handheld device and an Internet connection, you can scan parts, manage inventory, set up automatic replenishment schedules, and track parts usage by work order, N-number and more. Overhead goes down. Productivity goes up. For a demonstration, call API at 800.950.0111 or 901.365.3470. www.apiworldwide.com