

## An Invitation From John Kinsman

Senior Manager, Global Business Development  
Jeppesen Government and Military Services

As you read our first newsletter of 2006, I hope you can sense the growing excitement here in the Jeppesen Government and Military Services group. There are several reasons for this. First, we recently celebrated our third birthday as an organization focused solely on meeting the needs of the military aviation market. Second, it was a great pleasure to see many of you face-to-face again last September at our Customer Seminar in Wiesbaden, Germany. Finally, as you have read in Thomas Wede's column, we are now even better positioned to meet your needs due to the merging of the Commercial Airline and Military groups into one organization.

We are making some real strides in providing you the mission solutions you are asking for. By partnering with you over the last three years, we have learned a great deal about how we can tailor our services to better meet your unique requirements. Our development organization has taken that knowledge, and through business partnerships, individual module development, and extensive integration work, we can truly give you the "Total Mission Solution" you have told us you need.

My customer-facing team is responsible for consistently providing you with the tools, support and information you need on a daily basis to enhance your mission effectiveness. On that note, I would like to personally extend an open invitation to all of you to come visit our Corporate Headquarters in Denver, Colorado.

We are conveniently located next to Centennial Airport (KAPA), which accommodates military aircraft with gross weights up to 90,000 lbs. While you are visiting us in Denver, we can provide you with a tour of our facilities, including our charting production facility, our Global Support Command Center (GSCC), and our EFB test simulator. Many of our customers have already taken advantage of this tour and said they found it informative, entertaining, and well worth the trip.

In the Eastern Hemisphere, our London and Frankfurt offices are conveniently located near the Gatwick and Frankfurt International airports, respectively. We understand these airports are much more difficult to transit with military aircraft, but we would still love to see you, regardless of how you get yourself to our office!

I look forward to meeting you myself and learning more about how we can help you "Make Every Mission Possible". As always, keep yourselves safe out there, and thanks for your willingness to put yourself in harm's way on behalf of the nations you serve.

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## Upcoming Events

Mark Your Calendar

### 2006 CNS/ATM Conference

27 February – 2 March 2006  
Dallas, Texas, USA

### Mission Planners User Conference (MPUC)

8 – 12 May 2006  
Las Vegas, Nevada, USA

### Berlin Air Show (ILA)

16 – 21 May 2006  
Berlin, Germany

### Royal Air Tattoo

15 – 17 July 2006  
RAF Fairford, United Kingdom.

### Farnborough International Airshow 2006

17 – 23 July 2006  
Farnborough, United Kingdom.

### National Guard Association of the United States (NGAUS) General Conference

16 – 18 September 2006  
Albuquerque, New Mexico, USA

### Airlift/Tanker Association Convention

28 October – 1 November 2006  
Orlando, Florida, USA

## Did you know?

By Jim Mowery, Jeppesen Aviation  
Courseware Development

Did you know there is a department within Jeppesen that once produced training materials for the scuba diving, medical, savings and loan, and oil shale industries? The department, Aviation Courseware Development (ACD), can trace its roots back to Sanderson Films, the company founded by Paul Sanderson. ACD is now best known for producing the Jeppesen Guided Flight Discovery line of pilot training materials and popular, aircraft maintenance handbooks.



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**JEPPESEN**

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## GMS Offers Total Mission Solution

### Supporting All Phases of Flight

*By Kelly Kaemerer, Jeppesen Government and Military Services*

Jeppesen Government and Military Services is now offering its complete software solution suite for the military aviation market. The suite is a comprehensive package of services designed to streamline your mission planning and execution process, while increasing your operational efficiency and decreasing your manpower requirements.

The software suite uses the aeronautical navigation data that has made Jeppesen the most trusted data provider in the industry for over 70 years. All records are formatted in accordance with ARINC Specification 424, the navigation database global standard.

Applications offered in the suite address the requirements for all phases of mission planning and execution, including mission work-up, day-of-flight, in-flight, and post-flight or on-the-road activities.

#### Mission Work-Up

The advance planning tool enables long-term planning and fleet scheduling, and gives you the ability to quickly manage movement and mission requests and assign loads to individual aircraft. You can also build and manage flight scheduling using a graphical display.

The software suite's payload planning capability gives you the expected winds and temperature in order to estimate the maximum takeoff weight for the actual day of flight based on engine-out performance and required regulatory terrain and obstacle clearance requirements. You can then easily estimate which and how many aircraft are needed to complete the mission.

The crew planning, scheduling, and management application gives you the

ability to assign crews to missions and ensure flights and crews are legal. The application maintains the specific qualifications of each crew member and can be configured to incorporate specific regulatory rule sets, such as work and rest time regulations. The system allows for real-time crew control on the day of flight.

#### Day of Flight

The aircraft management application graphically displays flights created by the advance, long-term planning tool. Scheduled flights can be updated or changed and ad-hoc flights can also be created, significantly enhancing your disruption management capability. The system has an advanced communication module with automated Air Space Management (ASM) and Central Flow Management Unit (CFMU) messaging. The system offers real-time tracking of flight progress and both pre- and post-flight reports can be generated.

The suite features a complete flight planning tool that provides planners and pilots optimized flight plans, weather, and NOTAMs via an easy-to-use graphical user interface. The application incorporates a complete communications suite that can electronically file and transmit information.



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## From the Desk of Thomas Wede

Senior Vice-President  
Jeppesen Commercial  
and Military Aviation



I want to take this opportunity to introduce myself as the new leader of Jeppesen's Commercial and Military Aviation (CMA) organization. Under my leadership, these two organizations are working closely together so we can continue to make sure our military aviation customers receive the support they expect. The CMA team has substantial experience in the military business and they are committed to using their experience to continue making Jeppesen the leader in its field. They look forward to bringing our world class military aviation software solutions to you in 2006.

As a valued customer, you are the focal point of our activities this year. During our Customer Seminar in September we told you we want to partner with you for success. This year we are building on these partnerships to make them even stronger. We have analyzed the feedback you gave us at the seminar and will keep you informed on strategy adjustments as we implement them.

We believe communication is the key to a solid, successful partnership. As such, you will see our team more this year than ever before. We will be sending you invitations to visit us at industry trade shows and special events, where you can have hands-on experience with our technology and share your opinions, suggestions and vision with us. We will be hosting focus groups and inviting you to visit us here at our headquarters in Denver, Colorado, where you can meet our outstanding team and see for yourself how we bring our unsurpassed solutions to the military market.

Finally, I look forward to meeting you and hearing about your operational challenges, successes and vision for the future.

I hope you find the information in this issue of the GMS Flyer informative, timely, and beneficial to you and your organization. We look forward to seeing you soon.

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Electronic access to worldwide departure, arrival and en route strip charts is an integral piece of the software suite. This functionality eliminates paper revision updates and mistakes, and also allows the user to tailor a set of charts specific to any flight.

Takeoff performance analysis is accomplished by calculating the regulated maximum takeoff weight based on engine out performance by using winds and temperature and required regulatory terrain and obstacle clearance requirements. This capability allows for optimization of power settings and regulated payloads.

The airport familiarization tool provides multiple pictures, a visual map, and textual discussion for a selected set of airports and the airport environment. This fulfills regulatory requirements for pilots and provides enhanced situational awareness.

### **In-flight**

The aircraft management application monitors the progress of scheduled operations. Jeppesen's Electronic Flight Bag (EFB) application provides situational awareness and easy access to a broad variety of digital content including documents, charts, and performance data, all presented intelligently to the pilot using human factors engineering guidelines. The EFB is a critical tool for enabling Network Centric Operations.

### **Post-Flight/On-the-Road**

The solution offers a complete set of reports for post-flight activities.

Online access to the crew scheduling and management, electronic charts, and performance analysis applications is available.

The flight planning application can be accessed online, allowing you to create and file flight plans from anywhere in the world via the Internet.

Jeppesen is the only company able to offer its customers the solutions necessary to support all phases of flight. More than just tools and technology, Jeppesen has the experience and resources to ensure success. Only Jeppesen brings all of this together and delivers real world solutions from a single trusted source.

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## Tech Talk: RoutePacks

*By Tom Letts, Jeppesen Government and Military Services*

### **The RoutePack**

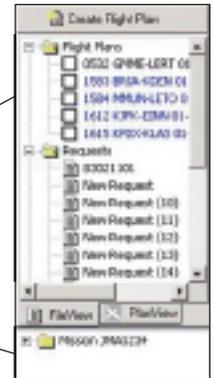
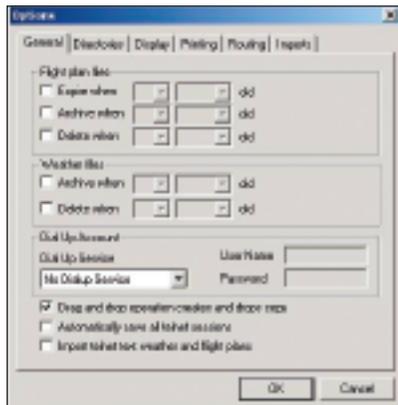
In 2005 we talked to you about the ability to generate a RoutePack in MilPlanner™ Enterprise, MilPlanner Online, JetPlanner, or JetPlan.com and how to move it over to Mission Ops eCharts. The RoutePack prevents you from having to generate the same route twice, once in the flight planning software and again in the charting software.

The RoutePack is comprised of the waypoints and nav aids that make up the route of flight generated in MilPlanner Enterprise, MilPlanner Online, JetPlanner, and JetPlan.com. Once the RoutePack is generated it can be loaded into Mission Ops eCharts where a strip chart can be generated and departure / approach plates can be added.

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To generate a RoutePack in MilPlanner Enterprise or JetPlanner you need to first build your flight plan. Then in your personal manager you need to create a folder. To generate a folder in your personal folder, put the cursor in the folder and right-click. From the menu, select **New**, then folder (name your folder as appropriate).



Global Manager

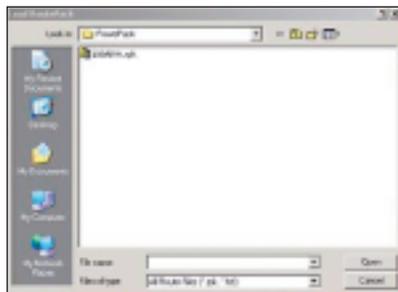
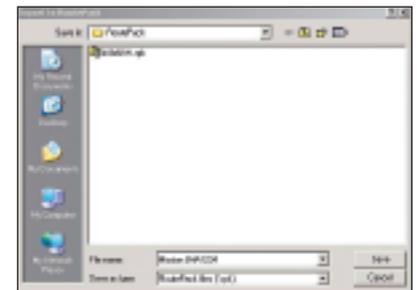
Personal Manager

After making your folder, click **Tools > Options > General Tab** and select the box that says **Drag and Drop Operation Creates and Drops Copy**. This allows you to copy the same flight plan into many different folders in your Personal Manager.

Next drag and drop the desired flight plans from the Global Manager into the Personal Manager (you can put as many flight plans into one folder as you desire).

After finishing, generate a RoutePack by right-clicking the folder where you placed the desired flight plans and select **Export to RoutePack**.

This action opens up a window that allows you to save the new RoutePack to a folder. The best place to save this file is C: Jeppesen Common RoutePack



When you are finished, open Mission Ops eCharts and click **File > Load**, this opens the folder window and takes you directly to the RoutePack folder.

Double-click the RoutePack needed and it loads into Mission Ops eCharts.

Once the RoutePacks are loaded, right-click the airports in the RoutePack and add the charts associated with that airport.

## MilPlanner Online / JetPlan.com

In MilPlanner Online / JetPlan.com you are able to build a RoutePack for only a single flight plan. Go to the Dispatch Center in MilPlanner Online or JetPlan.com and go to the right of the desired flight plan. Select the drop-down list in options and select **Download RoutePack**.

Transaction	Type	Computed	POD	FOA	ETD	Aircraft	Status	Actions
928	FP	25A496, 26112	KPCX	KDPW	1202	737	NOT FILED	Download Route Pack
928	FP	25A496, 26112	KPCX	KDPW	1202	737	NOT FILED	Download Route Pack

After clicking, the **File Download** window displays. You need to select a folder in which to save the .rpk. You should save it in: C: Jeppesen Common RoutePack

That's it. You are now able to go into Mission Ops eCharts and load this RoutePack and add the charts to the departure and destination airports.

Please contact your account executive if you have any questions or require additional information.