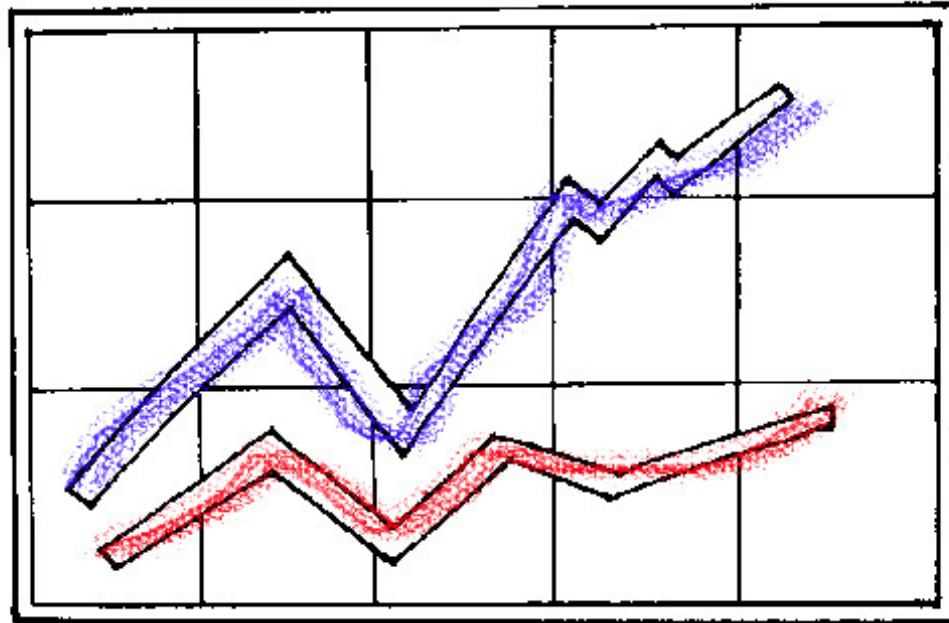


**The G3aiR team wishes you a successful  
anti-crisis year 2010!**



**G3aiR желает Вам удачного,  
безкризисного Нового Года 2010!**

ANNEE CROISEE

FRANCE

RUSSIE

2010

ГОД

ФРАНЦИЯ  
РОССИЯ

2010



In collaboration with : Allied Aviation Consulting  
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# AeroSpace - Russia

## 73

The only News-letter on the  
Russian AeroSpace Industry

Week 1

2010



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# SINGAPORE AIRLINES



## Специальное предложение от Singapore Airlines

A STAR ALLIANCE MEMBER 

- перелет авиакомпанией Singapore Airlines Москва (ДМЕ) – Сингапур – Москва (ДМЕ) в экономическом классе (все таксы и сборы учтены)
- 2 ночи проживания в выбранном отеле с завтраком
- Трансфер отель – аэропорт - отель
- Входной билет на 1 из выставочных дней на Ваш выбор (Airshow Pass)
- Trade Day (дети не допускаются) – 02, 03, 04 или 05 февраля ; Public Day – 06 или 07 февраля 2010
- Стоимость входного билета на 4 выставочных дня (02 – 05 февраля 2010) ЕВРО 40
- Бесплатный доступ к интернету
- Возможность позднего выезда из отеля (до 16.00)
- Ваучер аэропорта Чанги на 10 Евро, которым можно воспользоваться в магазинах или кафе
- Скидка 50% на обзорную экскурсию по Сингапуру и прогулку по реке

Более подробную информацию о работе авиа шоу можно получить на сайте [www.singaporeairshow.com.sg](http://www.singaporeairshow.com.sg), По вопросам бронирования просим обращаться по тел. (495) 775 30 87

**\*Бизнес класс от 3373 Евро / Первый класс от 5524 Евро**



**G3aiR represents « Field Aviation » during an AKAI (Aircraft Interior Association) press conference on December 17.**

This press conference was the first demonstration to journalists of the process of designing aircraft interiors. It included a tour of the “Vemina Aviaprestizh” factory. The Director Sergey Davidov explained that 2009 had been a very good year for his company : not only did he not see his orders decrease, but he also hired 50 employees. The AKAI is currently working on the Tu-214, the An-140 and the Tu-334 as well as the Polish President’s Tu-154. At MAKS, the association presented the interior of the Tu-204SM it realized.



# AERONAUTICAL NEWS

## **1/ Only 60% of the industrial-military complex (OPK) is competitive... (RIA « Novosti »).**

...says Sergey Ivanov during the intergovernmental working group for the modernization and innovative development of the OPK. He added “they didn’t give the Government any headaches and stressed the fact that this portion of the OPK had integrated starting in 2007 the vertically integrated structure such as the UAC. He said the 40% non-competitive companies are the ones that were useful during Soviet times, when the Soviet Army was 5M soldiers big. These companies can be re-assigned to the civil sector. 70bn Rubles have been allocated this year to help the OPK during the crisis.

## **2/ The first flight of the Il-476 is scheduled for 2011 (Lenta.ru).**

The Il-476 is a very modernized version of the Il-76. According to Alexey Fedorov, work has already started in Ulyanovsk. The Il-76 used to be produced in Tashkent. The Head of the Military Transport Aviation Viktor Kachalkin announced some time back that the military would receive several Il-112s and Il-476s in 2011-2012 and the Defense Ministry announced that it would order 20 An-124s. The aircraft, which will be capable of transporting 50 tons of freight over 6000 km will probably be equipped with a 23mm canon.



## **3/ Russia is fond of stealth technology (Independant Military Review).**

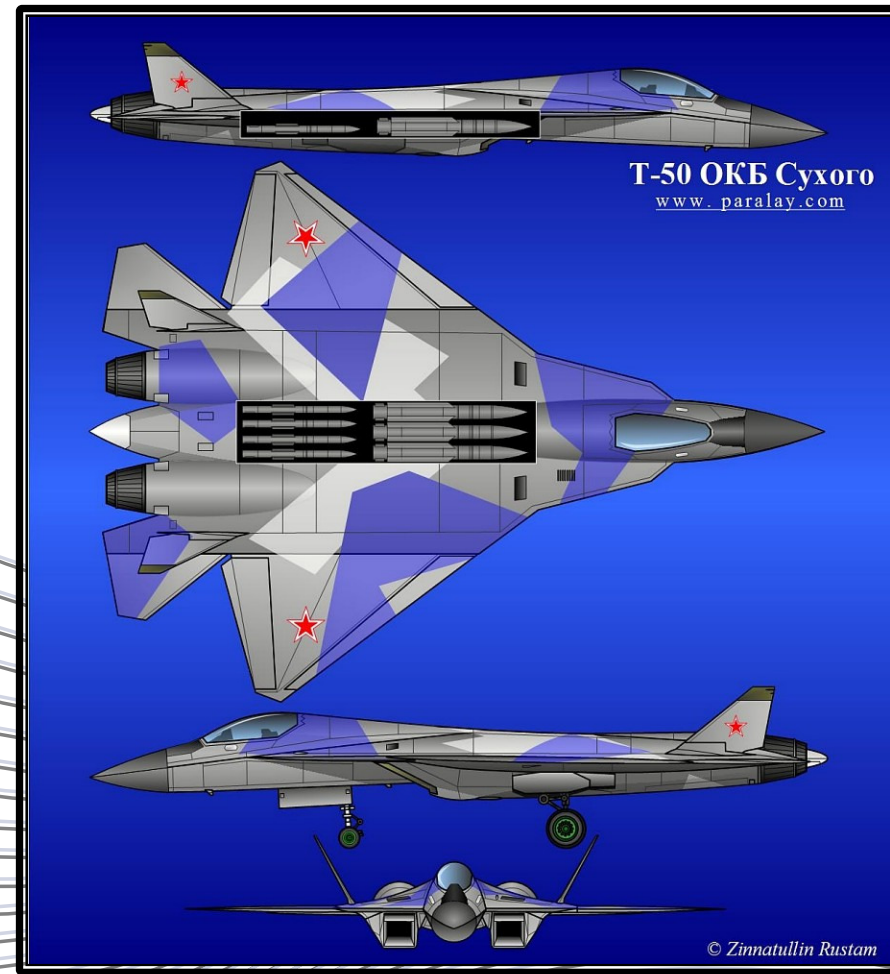
Russia is designing a new stealthy bomber aircraft, says Anatolii Zhikharev, General-Major in the Long-range fleet. This futuristic bomber should replace the Tu-160, the Tu-95MS and the Tu-22M3. “Although this aircraft will be stealthy, it won’t be completely invisible because of its size. It will enter service in 2025-2030”, said he. He added the Tu-160 was supposed to be invisible as well but back then, the technology wasn’t available.

#### 4/ The UAC changes shape (Vedomosti).

The new business entities of the UAC are identified :

- UAC-Military airplanes,
- UAC-Commercial airplanes,
- UAC-Special airplanes

The military aircraft (Su-27/30, Su-34, Su-35, miG-29, MiG-31, MiG-35) section and the Superjet will be under the supervision of Mikhail Pogosian ; Oleg Demtchenko will be responsible for the MS-21, the An-140, the An-148, the Tu-204, the Il-76, the An-124 and the Su-30MKI ; the rest, which is of no interest neither to Pogosian not to Demtchenko, the Tu-22M3, the Tu-95 and the Tu-160, as well as the Be-200 will be under the wing of Alexander Bobrishev. It seems that the reorganization of the Corporation was made keeping in mind the human factor and the relationships which have been tied these last 5 years : the Superjet is Pogosian's baby ; the Su-30MKI program saved the Irkutsk Plant.



#### 5/ The PAK-FA rolls (RIA « Novosti »).

The PAK-FA has made its first run on the KnAAPO runways in Komsomolsk-on-Amur, confirmed Alexey Fedorov. The fighter made two taxiing runs with engines lit. Of course, only “KnAAPO” employees witnessed the event. The first flight is expected any time either in Komsomolsk, either on the Gromov compound in Zhukovksy. The T-50 (AKA Unit 701) would enter operational activity in 2015. The Defense Ministry should start buying the PAK-FA once its order for 48 Su-35 (4++) is fulfilled. The PAK-FA will have a max speed of Mach 2 and a flight range of 5.5 thousand kilometers. It will be stealthy as well as other unique features. It will have a 30mm canon and 8 wing stations and 8 inside missile bays.

## 6/ EADS changes its mind (RBC Daily).

In 2005, with the lobbying of Alexey Fedorov, then the « Irkut » President, EADS spent 1.87bn Rubles for 10% of « Irkut ». « Irkut » is the only military company in Russia made public. In 2006, the Russian Government, through the VTB, decided to buy 5% of EADS ; further purchases were not authorized by the Europeans. In 2008, “Irkut” shareholders were offered to exchange their shares against UAC shares but EADS decided instead to sell its shares, getting from the deal only 340M Rubles. It was then expected that the Europeans would buy UAC shares after having assessed its value but instead, EADS decided to reinvest the money in pilot training and in flight safety together with the Ministry of Transportation.



## 7/ The Yak-130 officially enters military service (AviaPort.ru).

Alexander Zelin, Head of the Russian Air Force, signed the official document putting an end to Governmental Testing of the military-training jet. This Act allows the jet to be used for training and also for military needs. The Yak-130 was designed by “Yak”, which is part of “Irkut”. Oleg Demtchenko, President of “Irkut”, said the Yak-130 is the first post-soviet jet : all steps of the design have been fulfilled using digital technologies”. The airplane will be produced in the Irkutsk Aviation Plant and the the Nizhni-Novgorod Plant “Sokol”. In 1991, when the project started, the first machines were supposed to enter service in 2005.

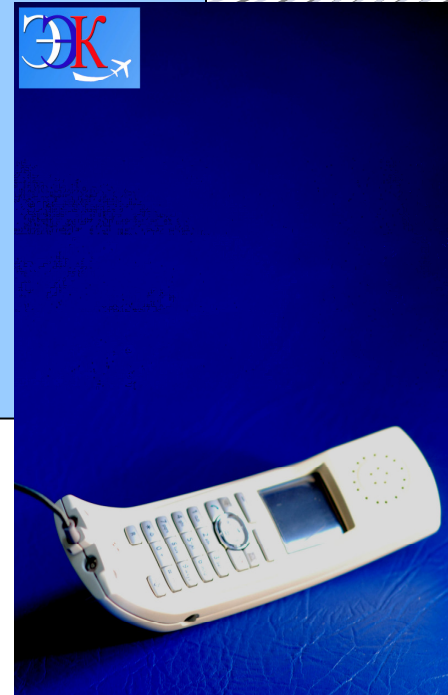


# ООО «Элайд Эвишн Консалтинг». Официальный дистрибьютор



## ПРЕИМУЩЕСТВА

- Звук цифрового качества: голос на скорости 4,8 кбит/сек, передача данных по линии на скорости 9,6 кбит/сек, передача данных посредством GmPRS, CMC/SBD
- Передача/Получение факсимильных и электронных сообщений при полете
- Использование персональных устройств с функцией Bluetooth
- Передача коротких сообщений в любом месте
- Связь по защищенным сетям
- Трекинг ЛА и подключение к портативному компьютеру с GPS через интерфейс USB
- История полета ЛА по маршруту
- Активная дискретная функция
- Удаленный запуск специального оборудования (если таковое имеется)
- Соответствие стандарту DO-160
- Уменьшение шума кабины
- Сохранение личных телефонных номеров и каталогов

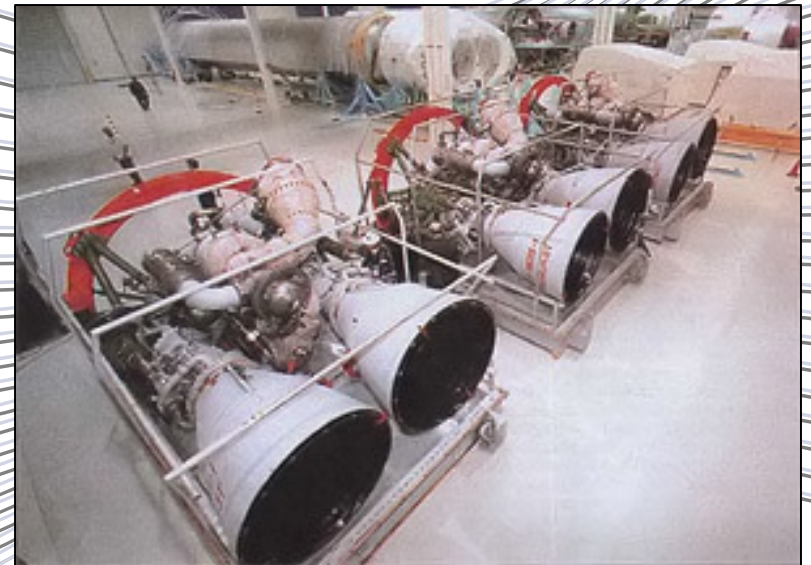


# SPACE NEWS

## **1/ ISS astronauts to help the fishing industry (Roscosmos).**

The team on board the ISS has implemented the Seyner experiment for the Federal Fishing Agency. This experiment started during the 19th mission. It monitors oceans at latitudes  $\pm 54^\circ$ . The result is a series of pictures and videos (HW used : a Nikon D2X; a Camcorder Sony HVR-Z1J; a Laptop RSK2) monitoring the processes and the phenomenon in the ocean and the atmosphere. This data will then be used in different segments of the industry :

- Creation of new industrial segments in the context of new geopolitical environment in the interest of Russia,
- Geographical and oceanographical education,
- Determination of parameters for the creation of remote ocean observation equipment,
- Creation of visual databases for the further design of space simulators.



## **2/ A Russian-American JV selling Russian rocket engines to become an official US Government contractor (ITAR-TASS).**

« RD AMROSS », a company selling the RD-180, should become this year an official US Government contractor. The news was made official in Space News by Leonard Dest, the President of the Company, which is a JV created in 1997 between “Energomash” and “Pratt&Whitney”. The company sells the engines to “United Launch Alliance” for Atlas rockets. According to Mister Dest, this shows ULA, which launches satellites also for the Ministry of Defense, and the US Air Force are comfortable in their relationship with “Energomash”. Mister Dest said his company wasn’t planning to start the production of the engines in the US.

### **3/ Russia beats records in 2009 (Baltinfo.ru).**

In 2009, Russia sets a new world record for the number of space launches, says the « Voice of Russia », quoting Anatoliy Perminov, the head of « Roscosmos » : “33 launches, which is 43% of the worldwide total and it’s one and a half more than the US. We launched 52 spacecraft”, said he. According to Mister Perminov, Russia’s budget has jumped from the 6th place to the 4th : « We’re number 4 after the US, the European Space Agency and China”. In 2011, Russia will celebrate the 50th anniversary of Yuri Gagarine’s first flight in space.



**For any inquiries, please contact us :  
info@g3rep.com**

