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Volga-Dnepr and Rockwell Collins Sign Cooperation Agreement

Le Bourget, France, Volga-Dnepr Group has signed agreement with Rockwell Collins, Inc. global supplier of avionics and information systems, to provide avionics technology solutions for modernized An-124-100 "Ruslan" aircraft. The agreement was signed at the 50th Paris Air Show in Le Bourget (France).

According to the agreement the companies will jointly work on avionics for modernized An-124-100 aircraft. In particular Rockwell Collins will be involved in complex electronic hardware integration as well as supply components to be installed on modernized An-124-100 Ruslan". As the result the aircraft will meet all perspective requirements set by the International Civil Aviation Organization (ICAO) at least till 2025-2030.

Rockwell Collins, Inc.

Rockwell Collins, Inc. is a global leader providing avionics and information technology systems and services to aircraft manufacturers, defense industry and governmental agencies. The company has offices in 27 countries and employs 19,000 people. In 2012 the annual sales turnover comprised \$4.7 bln. The company headquartered in Cedar Rapids, Iowa (USA). For more information about the company and its products please see the official website: <http://www.rockwellcollins.com>

Catch up and out do Lufthansa

On 31 July, Krylatsky Hills Business Park in Moscow accommodated the first Volga-Dnepr Technical Conference participated by Group personnel responsible for serviceability and reliability of the Group's fleet of aircraft. The Conference focused on Volga-Dnepr mid-term continuing airworthiness strategy till the end of 2015.

The participants of the Conference were both customers for the business i.e. all three airlines of the Group, and maintenance services suppliers running operations in Moscow, Ulyanovsk, Leipzig and Sharjah, a total of 41 persons. The Principal of the Conference was A.I. Isaykin, President VD Group, while Corporate University as co-organizer and facilitator.

The Conference programme was presented to the participants by its Moderator, Director Business Development VDTM, Alexey Zemin. He reported that the day before, the agenda was thoroughly adjusted for the molded Airworthiness strategy to meet Group goals and objectives. Eventually, the main issue discussed at the Conference was 'if there is a chance for VDT Sub-group to become a better partner for its fellow airlines as compared to its colleague, Lufthansa Technics, for a "greater" Lufthansa company'.

As an introduction for the discussion, Sergei Lyashenko, Acting Manager, Marketing and Strategic Management Department, reminded the participants VDT development goals for periods within 2015, 2020 and 2030, while Yuri Yevdokemov, Chief Engineer VDA, presented a common Continuing Airworthiness System concept for the Group.



A.I. Isaykin: "The most important now is establishing labour organization, oriented towards quality performance, from top manager to front line personnel."

Then, Alexey Isaykin shared his vision on the Conference status. "Professionals need continuous communication as an air to breathe," he said. "Sharing experience, innovations, in-depth analysis of errors, or even professional recognition will be impossible without communication. I personally am in support of such communication."

As a conclusion to the introduction, A.I. Isaykin shared his experience of the visit to Lufthansa. The fact that appears amazing about Lufthansa is that the company is 60 years old, and it continues learning. For example, all walls at the company premises are full of charts and tables on lean technologies by Toyota or so-called lean production based on continuous improvements in all operating processes or kaizen (Japanese). The example is both demonstrative and instructive: when you would like to remain competitive, make progress!

Upon completion of the task setting phase and splitting by five working teams, the participants set for search of 'kaizen' within

continuing airworthiness activities. Brain storm method was launched per several areas. The first team searched for answers to the question 'who could become our partners in the global airworthiness market?' The second team tried to define what to focus on while working with personnel, either train engineering and management personnel by ourselves or contract external services. Team three: which new objectives will the forthcoming digital modernization of Ruslan airplane set for Continuing Airworthiness System? Team four: Will the single troubleshooting system as a framework for flight safety and accident prevention within Machine factor become a competitive advantage by Volga-Dnepr. And finally, a question of questions: Does VDT have a chance to outdo Lufthansa Technics?

We will not recapitulate all the ideas said at the Conference: in the coming days these will be edited, systemized and posted on the Corporate intranet portal. The materials will be available for all interested personnel for familiarization and, what's most important, making active use of. We would like to note only an instruction by A.I. Isaykin to Vladimir Romadanov, Executive President VDT, to take the lead of the establishment process for the Group's single troubleshooting department, and the main discussion points of 'Questions and Answers' session at the end of the Conference.

How much longer will the loss-making activities of AirBridgeCargo be funded by other companies of the Group?

Sergei Shklyanik, Senior Vice President VD Group, answered the question as follows: "Of course, the Group cannot endlessly support its unprofitable companies. For example, in the previous year, our losses were maximum in the history of the Group. Therefore, in 2014, AirBridgeCargo must ensure break even performance. Also, there is a more detailed answer: We transport cargo! Everything else that we do, including continuing airworthiness activity, is merely done in support of the main function. We may not forget this."

To ensure high quality of continuing airworthiness, one would need a hangar at any of Moscow airports.

A.I. Isaykin: "AirBridgeCargo's main base airport is Sheremetyevo. The single reason so far for non-availability of a hangar is that you do not pursue the issue. Find a place for the hangar and, since it's your main objective, concentrate all the resources to resolve it. Proceed to the resolution successively and systematically, and each day! Thus and only thus will true managers do."

When will Antonov finally get down to extending service life of our airplanes?

A.I. Isaykin: "There is no such villeinage between Operator and Designer elsewhere worldwide. Even Boeing would not claim a monopoly on its products. I believe, before the middle of the next year, our relations with Antonov will become more civilized. But one thing should be clearly remembered: the more capable and competent we are, the more negotiable Antonov would be. This should be strived for."



S.I. Shklyanik: "The strategic goal for the next 18 months is survival. And it requires accurate decisions."

The Conference ended on an optimistic note. In response to announcement by Atran General Director, Mr. R. Crishtal on their plans to enter breakeven level, Mr. Isaykin joked: "Hope is a good breakfast, but a bad supper, isn't it, Mr. Crishtal?... Although everybody here are that sort of persons. And this is good: great expectations pursue great achievements. Thanks to everybody!"

Volga-Dnepr Corporate University.



R.R. Crishtal: "The existing contacts with FedEx and DHL give hope that both our B737s will enter full utilization before the end of this year."



Vladimir Romadanov, one of the founders of Volga-Dnepr, is not a stranger to solving complex tasks.



A team of enthusiasts.

AirBridgeCargo Transports Satellite Equipment from France to Russia

On August 2nd AirBridgeCargo Airlines (ABC), part of Volga-Dnepr Group, transported a 16-tonne satellite equipment on one of its Boeing 747-400 freighters from Toulouse in France to Krasnoyarsk (Russia). The shipment was loaded onto the pallet and smoothly transported to its destination thanks to highly professional personnel of ABC.

AirBridgeCargo Airlines (ABC) on regular basis handles high value cargo for aerospace clients. In the first half of 2013 ABC carried over 1,000 tonnes of aerospace equipment including other space equipment, aircraft components, helicopter spares and engines.

Denis Ilin, Executive President, ABC, said: "We have established a proven track record for the movement of highly sensitive and valuable aerospace cargoes and are now seen as a reliable transportation partner by clients in the industry. Our sister airline, Volga-Dnepr Airlines, works with leading aerospace customers for the delivery of outsize and heavyweight shipments and as part of our 'cargo

supermarket' service, ABC provides a cost-efficient option for cargoes where B-747 transportation is the most viable solution."

ABC says it is also seeing the results of its focus on the product quality provided for their customers in terms of regularity and punctuality. More and more customers recognize ABC as a reliable service provider.

"In the current market conditions, adherence to published schedules and on-time performance are more important than ever and have a great impact on the choices customers make and the further development of companies. Like all airlines, we are aware of the need to be constantly improving our service levels to be competitive in the market and in support of this, we have looked at our fleet optimization programme, how we manage our route network and our management processes to find ways to enhance our service quality. This is already showing positive results and we will be increasing our efforts to continue this upward trend," added Denis Ilin.

Five Years of Cooperation Between Volga-Dnepr Airlines and Silk Way Rally

For the fifth consecutive time Volga-Dnepr Airlines will organise the air logistics requirements for 2013 Silk Way Rally Russian motor race.

Traditionally Volga-Dnepr will take responsibility for general coordination of all flight operations in support and arrange all flight clearances and official authorisations necessary for the joint flight detachment for off-track flying. The company will also provide general dispatch, navigation and aeronautical information services for the rally's air operations which involves a fleet of six airplanes and seven helicopters. Aircrafts will take off and land at five Russian airports.

Owning the certificate of flight organizational support Volga-Dnepr Airlines cooperates with Silk Way annually since the first race in 2009. The fifth anniversary Silk Way will newly challenge more than 170 participants of auto tournament and more than 70 participants of camion tournament. The distance in 2013 will be half as much as in previous years and include more than 3000 km. Third part of distance is denes of Russian Kalmykia and Astrakhan region. The Silk Way Rally route will get through two kremlins. It will begin at the Red Square in Moscow and finish next to the Astrakhan's fort.

AirBridgeCargo proves brilliant in obtaining next IOSA certificate

AirBridgeCargo Airlines (ABC) has for the second time successfully received IOSA audit certificate.

The audit was held from 1 to 5 June. For five business days, representatives of the UK-based WAKE QA audit company made a detailed survey and inspection of the Airline's key activity areas: Management System, Operations, Flight Operations and Aircraft Maintenance, Cargo Services and Ground Handling of Aircraft, Aviation Security.

Upon completion of internal quality control at the Auditor, the audit report will be forwarded to International Air Transport Association (IATA) to extend ABC's membership registration in the register of airlines acknowledged by IATA as safe to perform flight operations, and issue of ABC's full compliance with IOSA safety standards.

Significant contribution in arrangements for successful passing of the audit was made by Maintenance and Flight Operations Departments, Cargo Service, Procurement Department, Aviation Security Department, Quality Assurance Department, Flight Operations Control Center, OPS Center and Flight Safety and Accident Prevention Inspectorate.

Volga-Dnepr Group, SDV and Thales Alenia Space sign extension of aerospace equipment transportation agreement to 2016

Volga-Dnepr Group, the world's largest carrier of outsize and heavyweight air cargo, has extended a cooperation agreement with global logistics company SDV and Thales Alenia Space to transport aerospace equipment until 2016.

The extension was signed at the 50th Le Bourget Paris Air Show by Dennis Gliznoutsa, Vice President, Development, Volga-Dnepr Airlines, Francis Baron, Vice President, Procurement, Thales Alenia Space, and Thierry Ehrenbogen, Executive President in Europe, SDV.

Pursuant to the agreement, Volga-Dnepr Airlines will perform a number of AN-124 and IL-76TD-90VD cargo flights delivering satellite equipment for Thales Alenia Space, a leading manufacturer of Satellite systems. SDV will remain responsible for all pre- and post-flight logistics, including satellite container control, customs clearance, documentation and insurance.

"The agreement is signed for a period up to 2016. We have a long history of cooperation with SDV and Thales Alenia Space and we are proud to be extending our partnership with two of the leaders in their respective fields of expertise", Dennis Gliznoutsa said.

On the photo (left to right): Dennis Gliznoutsa, Vice President, Development, Volga-Dnepr Airlines; Francis Baron, Vice President, Procurement, Thales Alenia Space; Thierry Ehrenbogen, Executive President in Europe, SDV.

On the photo (left to right):

Dennis Gliznoutsa, Vice President, Development, Volga-Dnepr Airlines;

Francis Baron, Vice President, Procurement, Thales Alenia Space;

Thierry Ehrenbogen, Executive President in Europe, SDV.



Volga-Dnepr Participates in Opening of New DynCorp International Hangar

One of Volga-Dnepr Airlines' AN-124-100 freighter aircraft was toured by influential leaders from the Huntsville, Alabama local community as well as State and Congressional leaders in the U.S. Government on a visit to DynCorp International's new hangar facility at Huntsville International Airport, where it conducts aviation support, maintenance, and overhaul of helicopters for the U.S. Army's Redstone Arsenal Standard & Non-Standard Rotary-Wing programmes.

DynCorp provides support to U.S. Government contracts, including logistics support in cooperation with Volga-Dnepr as its carrier and logistics provider of choice.

The timely arrival in Huntsville of the Volga-Dnepr AN-124 cargo aircraft with its latest helicopter delivery for DynCorp enabled the airline to give its high level audience a demonstration of the AN-124's efficient unloading capability. Guests were also invited to see the freighter's cargo cabin and flight deck and Volga-Dnepr executives were on hand to answer questions about the aircraft.

The visit provided a perfect opportunity to showcase the longstanding working partnership between DynCorp International and Volga-Dnepr Airlines and was also attended by senior executives from DynCorp. "This was a very important press event for our new hangar facility, and Volga-Dnepr made it all possible. The support and professionalism provided by Volga-Dnepr personnel and air and technical crews helped DynCorp showcase their expertise and services to a very high level of influential leaders. It was truly a huge success. We look forward to working with Volga-Dnepr again", noticed DynCorp leaders.

Sergey Reznikov, Vice-President, Volga-Dnepr Unique Air Cargo, said: "We were delighted to have this opportunity to support the opening on DynCorp International's new hangar facility in Huntsville and to showcase our logistics capability, which plays an important role in DynCorp's various helicopter programs. We parked the AN-124 just outside DynCorp's hangar where invited guests and dignitaries were attending the opening ceremony, providing a great backdrop for the event."

Corporate Communications Department



Boeing 787 Dreamliner's Wing Section Successfully Delivered Onboard An-124-100

Aircraft wings for the new Boeing 787 Dreamliner have been transported from Japan to Boeing's final assembly factory in Everett, USA, onboard one of Volga-Dnepr Airlines' An-124-100 'Ruslan' freighters.

The flight from Nagoya carried two wing boxes, each measuring 28 metres in length and manufactured in Japan by Mitsubishi Heavy Industries (Japan).

To accomplish the secure and timely delivery of this special shipment, an international team from Volga-Dnepr Airlines in Russia and the UK, the Boeing Corporation in the United States, and Germany's Broetje Automation GmbH created unique loading accessories and equipment to ensure safe handling and transportation of this non-standard cargo to its final destination. The loading system was designed using the CATIA three-dimensional modelling system. Wide use of digital technologies and unusual engineering solutions helped to better demonstrate unprecedented technical capabilities of An-124-100 Ruslan.

The logistics process for the flight was co-ordinated by Volga-Dnepr's recently-established Engineering and Logistics Center (ELC). Its experts carried out all of the detailed preliminary work and ensured all contractual obligations were met.

Integrated efforts as well as a project-type approach to the shipment applied by the international team including Mitsubishi Heavy Industries (Japan), supported the Boeing 787 Dreamliner's production schedule.



"This shipment provided a perfect opportunity to demonstrate the logistics competency of our Engineering and Logistics Center and reinforces our decision to extend our service offering to customers with complex air logistics challenges. Our expertise helps customers ensure a reliable and efficient cargo delivery door-to-door," said Vladimir Vyshemirsky of Volga-Dnepr's Engineering and Logistics Center.

Alexey Isaikin, President and CEO of Volga-Dnepr Group, added: "The carriage of wings for the Boeing 787 Dreamliner is a good example of international cooperation in the aerospace industry and ensured the success of this unique operation. Our strategic plan is aimed at being part of similar long-term, comprehensive programmes that require special expertise and a non-standard air logistics solution."

New 'LYBID' Space Satellite Payload Flies To Russia With Volga-Dnepr Airlines

Volga-Dnepr Airlines has delivered the Ukrainian «Lybid» satellite payload, from Montreal Canada to Krasnoyarsk Russia, onboard one of its IL-76TD-90VD freighter aircraft.

The space equipment carried on the June 1st flight weighed approximately 15 tons and was placed inside a special container to protect the satellite payload's sensitive technology systems. A strict temperature environment was also applied throughout the flight to keep the satellite stable.

The airline conducted the flight on behalf of Canada's MacDonald, Dettwiler and Associates Corporation, which was awarded a contract by the State Space Agency of Ukraine through State Enterprise "Ukrkosmos" as the developer and main builder of the Lybid satellite payload. Lybid was carried to Krasnoyarsk for test operations at the JSC Information

Satellite Systems - Reshetnev Company (ISS), another developer and manufacturer of space modules.

Aerospace cargoes represent one of the key areas of Volga-Dnepr's activity. Over the past 22 years, the airline has operated 3,477 flights for aerospace customers using its An-124-100 and IL-76TD-90VD fleet. To date, over 100 satellites have been carried onboard the IL-76TD-90VD aircraft, including the Express AM5 and Express AM6 satellite payloads produced in Canada, which were transported to Krasnoyarsk at the end of last year.

The Lybid satellite, once completed and in operation, will be used to help develop



Ukraine's national system of satellite communications, including regional and international television and radio broadcasting, internet access services, data transmission, telephony, and videoconferencing using VSAT (very small aperture terminal) technology.

Volga-Dnepr Group announces the tender on AN-124-100 fleet modernization

For the purpose of unique AN-124-100 fleet compliance with ICAO prospective requirements and even more efficient operations Volga-Dnepr Group launched the tender for design activities on AN-124-100 fleet. The modernization project will include Research and Development work followed by EASA and/or FAA certification and further modification of the currently operated fleet. The initial stage of the project will start in early 2014. A number of Russian and foreign companies will take part in the tender.

Biathlon World Cup Organising Committee acknowledges Volga-Dnepr's contribution to the success of the event

The Organising Committee of the final stage of the 2012/13 Biathlon World Cup have expressed their gratitude to Volga Dnepr Airlines for making a major contribution to the success of the international competition.

The acknowledgement was made in the Executive Directory for the event.

In March 2013, Volga-Dnepr Airlines operated series of flights delivering sports equipment for participants in the Biathlon World Cup. The final stage was held in the Russian city of Khanty-Mansiysk. Equipment for the 230 biathletes from 34 countries was carried onboard one of the airline's IL-76TD-90VD freighters from Holmenkollen in Norway. Given the tight schedule of the competition, Volga-Dnepr was chosen to fly the equipment because of its reputation for service reliability and punctuality. Following the completion of the event, the airline carried equipment back to Norway and Germany. Volga-Dnepr also organised customs clearance services for the shipment.

Volga-Dnepr provided a similar air cargo solution for the previous Biathlon World Cup, one of the most prestigious biathlon competitions in the world.

Volga-Dnepr Airlines commits to IL-76TD-90VD positioning at Paris-Vatry Airport

At 2013 Air Cargo Europe Conference and Exhibition (Munich, June 4-7) Volga-Dnepr Airlines reached an agreement with Paris-Vatry Airport to base its new IL-76TD-90VD freighter aircraft at the airport to meet growing demand for quiet and environment-friendly air charter operations.

With immediate effect, Volga-Dnepr will base up to three aircraft from its IL-76TD-90VD fleet at the airport to the east of Paris.

Volga-Dnepr has invested over US\$100 million in a fleet of five new generation IL-76TD-90VD cargo aircraft. With increased payload and range, greater fuel and operating efficiencies and lower noise and emissions than old versions of the IL-76, Volga-Dnepr's aircraft are approved for global services by the International Civil Aviation Organization (ICAO) having complied with all of ICAO's current and prospective operating standards. This enables Volga-Dnepr's fleet to service major markets around the world which banned old versions of the IL-76 in 2000, including Europe, North America, Japan and Australia.

Youri Busaan, Director General of Aéroport Paris-Vatry says Volga-Dnepr's commitment is a major breakthrough that will help to safeguard and enhance the airport's long-term position as a leading air cargo charter airport in Europe. He said: "Together with Volga-Dnepr, we will now be able to provide a solution that will significantly enhance our position in the



Volga-Dnepr Airlines launches a Short Messaging Service for cargo operations

Customers of Volga-Dnepr Airlines now can receive the tracking information concerning their cargo via SMS notifications.

'Our Company has brought a new customer notification system into service. Customers will be automatically notified of any change in a charter flight schedule in the course of transportation: to both email and mobile device located within coverage area. The new 24/7 service will let us provide our customers with fresh updates on the aircraft movement table including the date and number of flight, airports and estimated time of departure and arrival independent from customer's network accessibility, the time of day, either it is a weekend or holiday. We hope that our customers will appreciate this convenient feature', - stated Vitaly Andreev, Head of Customer Service, Volga-Dnepr Airlines.



logistics market. Over 90% of our cargo business is from charter operations because Vatry has a great cargo infrastructure that is available 24 hours a day. Now we also have a great charter aircraft available at the airport that is unrestricted for global operations. Positioning the new IL-76TD-90VD at Vatry will give us an even more prominent position."

Dmitry Grishin, Sales Director at Volga-Dnepr Airlines, added: "Vatry has an excellent central location that is within easy reach of customers across Europe. By committing to a visible presence at Vatry Airport, we can help deliver cost benefits for our customers. The operating efficiency of the IL-76TD-90VD means it can compete strongly with the old IL-76 and, importantly, the aircraft meets all environmental standards. We know customers recognise the value of moving cargo through Vatry because the airport has proven knowledge and expertise in supporting charter services and outsize and heavyweight air cargo flights and we are confident that basing aircraft at the airport and providing availability to customers will result in even more growth opportunities."

Volga-Dnepr says the move will further enhance the capability of its Engineering Logistics Centre, which provides door-to-door solutions for complex outsize and heavyweight air cargo loads.

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