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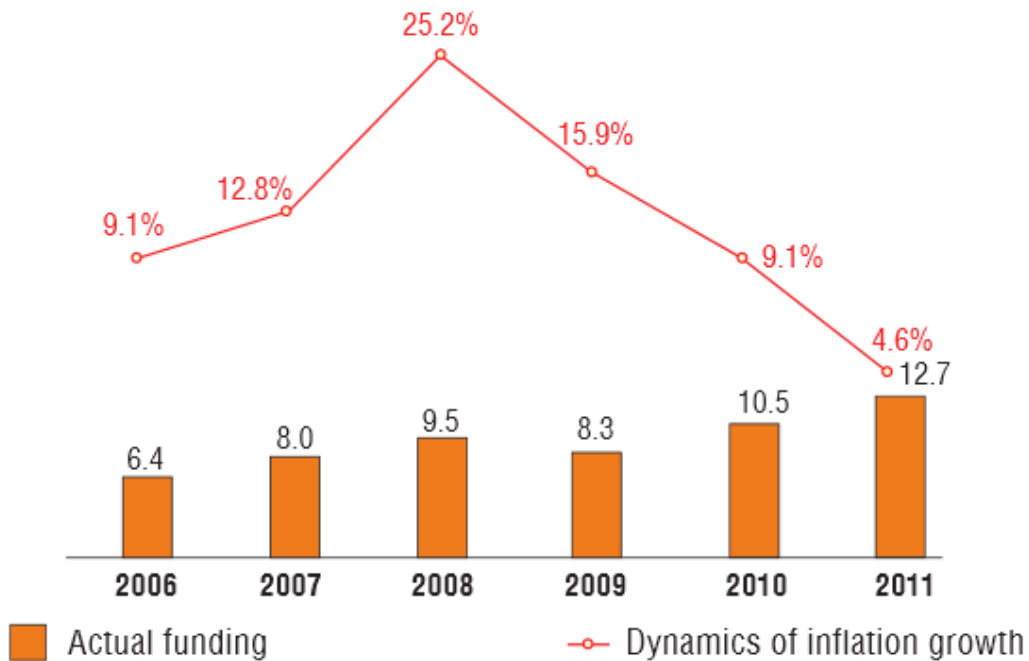
Ukraine: Defence Budget



After the dissolution of the Soviet Union and declaration the independence in 1991, Ukraine inherited one of the most powerful Armed Forces in Europe, equipped with nuclear weapon and modern types of typical armament and defense technology. It is indicative that the country inherited a rocket army, three armies of combined forces and two tank armies, one army corps, four Air Force armies, separate Air Defence army and the Black Sea fleet.

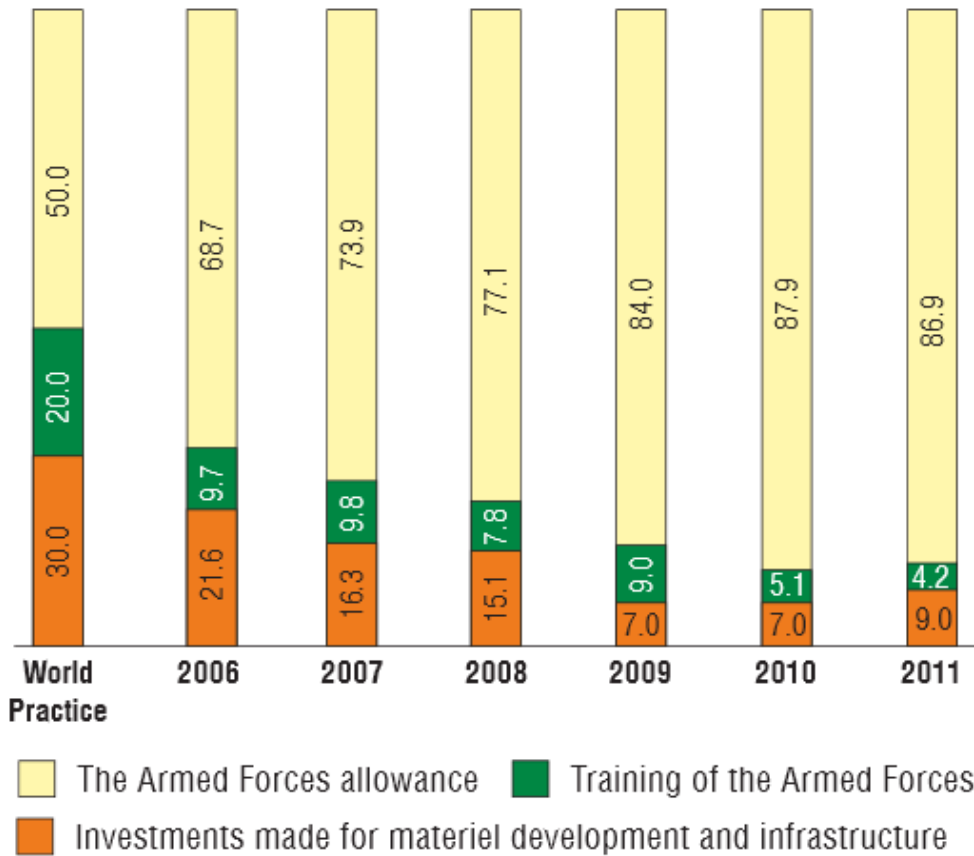
Nevertheless, Ukraine had to diminish the number of the armed forces as it was rather difficult and costly to maintain them. Part of this process also included the modernization of the army. For the period 2006-2011 Ukraine implemented the "State Programme of Armed Forces' Development 2006-2011" modernization program financed by the amount of UAH 55.5 billion (75.6% of the planned budget), that enabled its full implementation. For the period 2012-2017 the country is expected to invest a further 12.78 USA billion.

For the year 2011, 13,804.4 million Ukrainian hryvnia were allocated to the Ministry of Defence, an amount accounting for 1.07% of Gross Domestic Product (GDP). The General Fund amounted to UAH 11,594.8 million (84% of the budget) while the Special Fund accounted for UAH 2,209.6 million (16% of the budget). Defence budget will be decreased for the years to come as percentage of the GDP to 1.06% by 2017, in accordance with the country's aim to reduce its overall budget deficit as a percentage of GDP. Nevertheless, the overall homeland security expenditure is expected to record a CAGR of 8.06% over the period 2012-2017, a consequence of an increase in organized crime and maritime security threats.



Funding of the Armed Forces for 2006-2011 in billion UAH

One of the problems Ukraine is currently facing, regarding the allocation of its defence budget is that the expenditure on materiel and infrastructure development is rather limited. Expenditure is mainly focused on supporting personnel and making urgent steps to restore the technical readiness of military materiel and armament. The table below fully illustrates the abovementioned situation.



The expenditure structure of the Ministry of Defence for the period 2006-2011

Armed Forces of Ukraine; International Missions and International Presence



Ukraine is an active participant in international peacekeeping activities. Currently, 476 servicemen of the Ukraine Armed Forces participate in 11 peacekeeping missions in Iraq, the Balkans, the Middle East, and Africa. One of the first missions that Ukrainian forces participated is KFOR. Since November 1999, Ukrainian peacekeepers, with the support of the U.S. and other Allies, have been deployed in Kosovo as part of the aforementioned mission. The current strength of Ukrainian peacekeeping contingent in KFOR is 134 troops.

In the table below there is a thorough illustration of the peacekeeping operations Ukraine is currently participating.

Military Missions	Current Participation
Joint Peacekeeping Force in Pridnestrovye region of Moldova republic	10 Ukrainian military observers
National Peacekeeping Contingent in Kosovo (KFOR)	134 servicemen
UN Mission in Kosovo (UNMIK)	2 officers
UN Stabilization Mission in Democratic Republic of the Congo (MONUSCO)	13 Ukrainian military observers
UN Mission in Liberia (UNMIL)	Ukrainian Aviation Unit 275 servicemen, 2 SOs and 2 Military observers
UN Operation in Côte d'Ivoire (UNOCI)	Aviation detachment 40 servicemen from the UNMIL Ukrainian Aviation Unit
NATO Training Mission in Iraq (NTM-I)	6 officers
UN Mission in Sudan (UNMIS)	10 Ukrainian military observers
International Security Assistance Force in Afghanistan (ISAF)	22 servicemen
EU NAVFOR operation ATALANTA	1 SO
NATO Operation Active Endeavour	1 Ukrainian Navy Corvette/Frigate (annually)



Additionally, Ukraine is participating in several international conferences in order to reinforce their position in the international scene. Under this notion on June 26, 2013 members of the Ukrainian delegation took part in the discussion of topical issues of development partnerships in the context of modern challenges and threats to collective security, as well as the prospects and possibilities of cooperation with NATO after completion of operations of the International Security Assistance Forces in Afghanistan.

Another way of strengthening the country's international presence

is by participating in international courses. One of these was successfully completed in June 26. During these courses, twenty former and active military persons of Mykolaiv Garrison have been studied new professions (collector and guardsman) for two and half months.

Kyriazis Vasileios,
Epicos Newsletter Head Editor

Epicos “Industrial Cooperation and Offset Projects”



Epicos “Industrial Cooperation and Offset Projects” provides a unique set of online tools enabling the structure, identification and implementation of comprehensive Offsets programs, through a searchable database. By introducing different offset projects and ideas proposed by local A&D industry it ensures the optimum cost for Prime Contractors and reassures that the priorities of local industry are fully met...

[For Further Information Press Here](#)

Development of an automatic precision landing parachute supply system for military and humanitarian applications

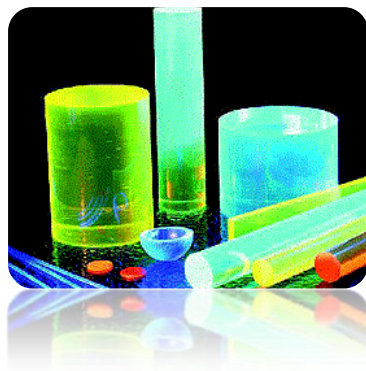


A company which focuses on the development and manufacturing of aerospace instruments and onboard aircraft systems proposes the development of an Autonomously Guided Precision Airdrop System “AmPad” to be used by various tactical transportation aircraft and helicopters. This system ensures precision airdrops for Military and/or Humanitarian Missions.

[For Further Information Contact our ICO Department](#)

Mail at: g-menexis@epicos.com

Intelligent Scintillation Detectors Turn Key solution



A company with leading experience in the development and production of chemical defense instruments and nuclear reconnaissance systems, in the frame of an offset program, is proposing the representation of its Turn Key Solution Intelligent Scintillation Detectors systems (based on “scintillators”, i.e. materials which exhibit the property of luminescence when excited by ionizing radiation), to foreign companies specializing on NBC systems in order to gain access to new markets.

[For Further Information Contact our ICO Department](#)

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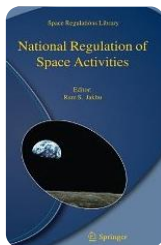


The Politics of Security Sector Reform, Magnus Ekengren, Greg Simons



Security Sector Reform (SSR) is increasingly becoming a key component in international security and development cooperation. Indeed, the concept has almost come to be seen as a panacea for many of the biggest threats to the world such as failed states, terrorism and poverty. In the political language SSR refers to the establishment and improvement of democratic governance of the security sector and to the close link between security and development. In particular, this book focuses on the complexities of implementation of SSR across the globe and the actual and potential role for the European Union (EU) to play in SSR. As suggested in the title of the book, this involves not only opportunities, but challenges to be overcome as well.

National Regulation of Space Activities (Space Regulations Library), by Ram S. Jakhu



This book comprehensively addresses all aspects of national space laws and regulations governing the conduct of space activities in fifteen space-faring nations. Among them is Ukraine. This is the first book of its kind that contains a compilation of materials written from a neutral and objective perspective by the world's leading space law experts selectively drawn from the fifteen countries whose laws and regulations are covered by the book. In order to provide the reader with a full understanding and appreciation of the various relevant national laws and regulations that govern space activities, this book explores the policies and rationales underlying the law, constitutional basis for the adoption of national space laws, some facts about national space activities in the respective countries, and as well, discusses the relevant principles and rules of international space law in order to bring to light the international context of the national laws described.



Philippines, US hold war games near China flashpoint reef

A US destroyer joined the Philippine Navy's flagship for war games that started Thursday close to a flashpoint area of the South China Sea, adding to tensions with China over rival territorial claims.

The exercises are a boost for the Philippines' poorly equipped military as it struggles with perceived rising Chinese aggression, and follows repeated pleas to longtime ally the United States for protection.

"The goal of these exercises is to further boost cooperation... between the two armed forces and further streamline responses to counter-terrorism and maritime security," deputy presidential spokeswoman Abigail Valte told AFP.

The six-day exercises are an annual event but this year they were planned for the west coast of the Philippines' main island of Luzon, close to Scarborough Shoal which China insists it owns.

The shoal is a tiny set of rocks and islets in the South China Sea 230 kilometres (140 miles) east of Luzon and 1,200 kilometres from the nearest major Chinese landmass.

China claims nearly all of the strategically vital South China Sea, even waters close to the shores of its smaller neighbours.

Tensions between China and other claimants to the sea, particularly the Philippines and Vietnam, have escalated in recent years amid a series of Chinese political and military actions to assert its claims to the waters.

The Philippines says China has effectively occupied Scarborough Shoal, a rich fishing ground, for more than a year.

Manila says Chinese vessels now constantly patrol the waters around the shoal, forcing Filipino fishermen who have sailed there for generations to stay away.

Philippine Navy spokesman Lieutenant Commander Gregory Fabic said some of the Philippine-US exercises would be held between Luzon island and the shoal.

Specifically, Fabic said some of the drills would be 108 kilometres east of Scarborough Shoal in "sea lanes of communication within Philippine territory".

Nevertheless, Fabic stressed the war games were not meant to provoke China.

"While the exercises will be between Scarborough Shoal and the main island of Luzon, the focus is inter-operability and not targeted against the Chinese," Fabic told AFP.

Philippine Defence Secretary Voltaire Gazmin, in an unrelated meeting with visiting Japanese counterpart Itsunori Onodera in Manila, said the government was looking at more "high value, high impact" exercises with the United States.

Onodera and Gazmin agreed an increased US military presence in the region would serve to blunt China's influence.

"Both sides agreed that the US presence is (a) very important public asset in East Asia," Onodera said.

The Cooperation Afloat Readiness and Training (CARAT) exercises will involve three US Navy vessels, including the USS Fitzgerald, a guided missile destroyer, according to a Philippine Navy statement.

The Philippines will deploy its flagship, a former US coastguard cutter called the Gregorio del Pilar, as well as other navy and coastguard vessels.

About 500 US forces and another 500 Filipino troops will take part in the exercises, according to Fabic.

He said among the highlights was an exercise designed to intercept suspected enemy ships, board them and seize materials they may be carrying that could pose a danger to allies.

There will also be simulated counter-terrorism exercises, as well as training in disaster response and increasing proficiency in naval gunnery, he added.

Malaysia, Brunei and Taiwan also claim parts of the South China Sea, which is believed to sit atop vast deposits of fossil fuels, and the area has for decades been regarded as a potential trigger for major military conflict.

China has consistently reacted with anger at Philippine efforts in recent years to hold onto the territory claimed by both countries.

The Chinese embassy in Manila released a statement on Thursday cautioning the Philippines and the United States not to exacerbate tensions in the area with its exercises.

"We hope relevant sides should take actions that are beneficial for maintaining peace and stability in the region, not the other way around," the statement said, citing a foreign ministry spokesman in Beijing.

Source: 2013 AFP, Agence France-Presse (AFP)

Harris Corporation Receives \$61 Million in Orders from Republic of Poland for Falcon Multiband Tactical Radios

Harris Corporation (NYSE:HRS), an international communications and information technology company, has received \$61 million in orders to enable the Poland Ministry of National Defense to better communicate with coalition partners.

Poland is acquiring Harris Falcon III® AN/PRC-117G manpack and AN/PRC-152A handheld radios for the next phase of its tactical radio modernization. The Harris radios will provide Poland's armed forces with secure wideband combat net radio, tactical satellite and ground-to-air communications.

Both radios are equipped with the Harris Adaptive Networking Wideband Waveform (ANW2), which enables military forces to leverage advanced battle management applications such as collaborative chat, streaming video and intelligence collection.

"Our Falcon III® radios will enable Polish military personnel to communicate seamlessly with U.S. and NATO forces during joint warfighting missions," said Brendan O'Connell, president, international business, Harris RF Communications. "Our radios unite the forces by making it easier to exchange voice, data and situational awareness, even while on the move."

Harris has deployed more than 40,000 AN/PRC-117G and AN/PRC-152A radios worldwide. They are in use by all branches of the U.S. Department of Defense and more than 15 allied nations.

Harris RF Communications is the leading global supplier of secure radio communications and embedded high-grade encryption solutions for military, government and commercial organizations. The company's Falcon® family of software-defined tactical radio systems encompasses manpack, handheld and vehicular applications. Falcon III is the next generation of radios supporting the U.S. military's Joint Tactical Radio System (JTRS) requirements, as well as network-centric operations worldwide. Harris RF Communications is also a leading supplier of assured communications® systems and equipment for public safety, utility and transportation markets — with products ranging from the most advanced IP voice and data networks to portable and mobile single and multiband radios.

About Harris Corporation

Harris is an international communications and information technology company serving government and commercial markets in more than 125 countries. Headquartered in Melbourne, Florida, the company has approximately \$5.5 billion of annual revenue and about 15,000 employees — including 6,000 engineers and scientists. Harris is dedicated to developing best-in-class assured communications® products, systems, and services. Additional information about Harris Corporation is available at harris.com.

Source: Business Wire

Boeing Delivers ILFC's First 787 Dreamliner for Operation by Norwegian

EVERETT, Wash., June 28, 2013 /PRNewswire/ -- Boeing (NYSE: BA), International Lease Finance Corporation (ILFC) and Norwegian celebrated several milestones Thursday during a delivery ceremony for a new 787 Dreamliner. It was the first 787 delivered to ILFC and its lessee, Norwegian, which will operate the airplane. The 787 also marked the 700th airplane Boeing delivered to ILFC.

"Today's delivery is a tremendous milestone for two leaders in their respective markets," said Boeing Commercial Airplanes President and CEO Ray Conner. "ILFC continues to demonstrate its industry leadership as the first leasing company to take delivery of a 787. Norwegian gains a significant competitive advantage by opening its long-haul routes with this airplane."

The delivery to ILFC builds on Boeing's 40-year relationship with the Los Angeles-based leasing company and largest 787 customer with 74 Dreamliners on order.

"We're proudly celebrating delivery of ILFC's first Boeing 787 Dreamliner to Norwegian, our launch customer for the aircraft," said ILFC Chief Executive Officer Henri Courpron. "As the largest customer in the 787 program, we're the industry's leader in bringing the latest technology aircraft to the global leasing market."

Norwegian Chief Executive Officer Bjorn Kjos said, "Today marks a major milestone in Norwegian's history. It's with great pleasure we eventually take delivery of our first 787 Dreamliner. Both our many customers and we at Norwegian have been looking forward to this for several months. I'm convinced that our customers will love flying this brand new aircraft with its many customer friendly features. Our goal is to operate the most environmentally friendly and cost efficient fleet, something to which the Dreamliner will significantly contribute."

Norwegian currently has eight 787s on order through lease agreements and direct deliveries. The carrier will use the 787s to service its new long-haul routes from Oslo and Stockholm to New York and Bangkok. In November, the airline also will operate the 787 to Fort Lauderdale from Oslo, Stockholm and Copenhagen.

The 787 Dreamliner is composed of light-weight composites and features numerous system, engine and aerodynamic advancements providing airlines with unmatched fuel efficiency using 20 percent less fuel than today's similarly sized airplanes. Passengers also enjoy improvements on the 787 such as an interior environment that is more comfortable and offers numerous passenger-pleasing elements including bigger windows.

To date, the 787 has accumulated 930 orders from 58 customers worldwide.

Source: Epicos, Boeing

Boeing Delivers Canada's 1st CH-147F Chinook Helicopter

RIDLEY TOWNSHIP, Pa., June 27, 2013 – Boeing [NYSE: BA] delivered the first of 15 new CH-147F Chinook helicopters to the Royal Canadian Air Force on June 21, making Canada the operator of one of the most capable Chinook variants delivered to the global market.

The aircraft's features include a modernized airframe with a long-range fuel system, upgraded electrical system, fully integrated Common Avionics Architecture System cockpit, and Digital Automatic Flight Control System. The aircraft also has improved survivability features including a Directional Infrared Countermeasures system.

"Since receiving the contract in 2009, Boeing has executed the program on or ahead of schedule for every major milestone, including first flight and now the delivery of the first aircraft," said Chuck Dabundo, Boeing vice president, Cargo Helicopters.

The first CH-147F was accepted by the Royal Canadian Air Force's 450 Tactical Helicopter Squadron, and will be followed by six additional aircraft over the remainder of 2013. The Canadian government awarded Boeing a contract for 15 Medium-to-Heavy-Lift Helicopters (MHLH) and in-service support in June 2009; all deliveries are scheduled to be completed by June 2014.

Boeing will provide in-service support to the MHLH fleet for the next 20 years under a Performance-Based Logistics contract. The company has already awarded six contracts to Canadian suppliers for services under the program.

"Canadian industry will play a key role in our support for MHLH, building on what is already an incredibly successful partnership," said Raymond Haddad, Boeing director of Chinook Rotorcraft Support.

A unit of The Boeing Company, Boeing Defense, Space & Security is one of the world's largest defense, space and security businesses specializing in innovative and capabilities-driven customer solutions, and the world's largest and most versatile manufacturer of military aircraft. Headquartered in St. Louis, Boeing Defense, Space & Security is a \$33 billion business with 59,000 employees worldwide.

Source: Epicos, Boeing

Cubic Named Top Performer in the Aerospace & Defense Industry by Aviation Week

Cubic Corporation (NYSE: CUB), announced today that Aviation Week has ranked the company as the number one top performing aerospace and defense company for reporting revenues between \$1 billion and \$5 billion. The full list and related stories appear in the May 27, 2013 issue of Aviation Week, available now at AviationWeek.com/tpc.

“We’re honored to see Cubic ranked #1 once again on Aviation Week’s ‘Top Performing Aerospace and Defense Companies’ list,” said William Boyle, chief executive officer of Cubic Corporation. “At Cubic, we continuously strive to create a culture that fosters innovation and have a genuine commitment to provide superior results for our customers.”

The rankings are based on proprietary metrics developed by Aviation Week and A&D analysts that compare companies’ performance in their peer group. Metrics embedded in four performance categories, including Return on Invested Capital (ROIC), Earnings Momentum, Asset Management and Financial Health, were the criteria used to determine the leading companies.

“Cubic Corporation’s operating performance was outstanding in 2013, achieving the highest top-performing companies score and besting a formidable group of peers to take the number one ranking,” said Michael K. Lowry, project manager, Top Performing Companies, Aviation Week. “The company should be proud of its accomplishment, never resting on its laurels.”

The magazine will honor Cubic and the other category winners on June 18 at the Paris Air Show.

About Cubic Corporation

Cubic Corporation is the parent company of three major business segments: Defense Systems, Mission Support Services and Transportation Systems. Cubic Defense Systems is a leading provider of realistic combat training systems, cyber technologies, asset tracking solutions, and defense electronics. Mission Support Services is a leading provider of training, operations, maintenance, technical and other support services to the U.S. and allied nations. Cubic Transportation Systems is a leading provider of automated fare collection systems and services for public transit authorities. For more information about Cubic, see the company's web site at <http://www.cubic.com>.

Source: PRWEB