

RQ-14 Dragon Eye



RQ-11 A/B Raven



U.S. Navy Northrop Grumman MQ-8B Firescout



Army National Guard



German Bundezpolizei Eurocopter EC135



Mexican Navy MBB BO-105 Super Five



U.S. Park Police Bell 412EP



Italian Guardia de Finanza Agusta-Bell AB412



New South Wales Police Force Eurocopter AS350 Squirrel



Phoenix Police / Fire Department Agusta A109



Japan Coast Guard Sikorsky S-76



U.S. Coast Guard Eurocopter MH-65C Dolphin



Hellenic Port Police Eurocopter AS365 N3 Dauphin



Royal New Zealand Navy Kaman SH-2 (NZ) Seasprite



Canada DND Sikorsky CH-124A



Royal Danish Air Force Sikorsky S-61



Mexican Navv Mil Mi-17



U.S. Army Sikorsky HH-60L



Japan Coast Guard Eurocopter EC225



Royal Danish Air Force Agusta Westland AW101 Merlin



Venezuelan Air Force North American Rockwell **OV-10E Bronco**



Mexican Air Force Fairchild C-26A Metro III



FLIR Systems, Inc. Pilatus PC-12



Royal Netherlands Coast Guard Dornier DO-228



Japan Coast Guard\ Saab 340



Royal Danish Air Force Bombardier CL-604 Challenger



U.S. Coast Guard HC-144A Ocean Sentry



Irish Air Corps CASA CN-235-100MP Persuader



Japan Coast Guard Gulfstream G-V



Brazilian Air Force **EMBRAER P-99B**



U.S. Air Force Lockheed Martin HC-130

Our Customers are Our Credentials

Since 1978, FLIR Systems has delivered over 5,000 airborne EO/IR sensor systems to customers in more than 75 nations around the world, on over 100 different types of fixed and rotary wing aircraft and UAVs



30 Years of Aviation Worldwide Installed Base

Since 1978, FLIR Systems has delivered over 5,000 airborne EO/IR sensor systems to customers in more than 80 nations around the world, on over 100 different types of fixed and rotary wing aircraft and UAVs

Argentina

Australia – Army, RAAF, Customs, State and Federal Agencies, MSA

Azerbaijan - Mol

Austria - Air Force, BMI (Ministry of Interior)

Bahrain - Mol

Barbados - Coast Guard

Belgium - Air Force and Police

Bolivia - Air Force

Botswana – Game Patrol

Brazil - Air Force, Army, Navy, Regional Police

Brunei - Air Force

Bulgaria - Air Force, Navy, Mol

Canada – RCMP, DND (MHP), DFO (Fisheries and Oceans)

Chile - Navy, Air Force, Carabineros

Colombia - Air Force, National Police, Navy, Army

Czech Republic - Army, Police

Cyprus - MoD, MoJ

Denmark - Army, RDN, RDAF

Dominican Republic

Ecuador

Egypt – Navy

Equitorial Guinea

Estonia – Border Guard

Finland – Frontier Defense Forces, Army

France - Customs, Army, Air Force, Special Forces

Germany – Army, Navy, BPOL, Police Air Support

Greece - Air Force, Navy, Port Police, Coast Guard,

Fire Brigade, Special Forces

Guatemala

Hong Kong - GFS

Hungary - Mol

Indonesia - Police, Mol

India – Air Force

Iraq - Air Force

Ireland - Coast Guard, Air Corps, Garda

Israel - IAF, IDF, National Police

Italy - Army, Navy, Air Force, GdiF, CdiP, Carabinieri

Japan - JCG, JNPA, Prefectural PD

Jordan - Army, Air Force, Navy, MOI

Korea – KCG, ROKN, ROKAF, FFDR

Kuwait - Navy

Latvia - Border Guard, Air Force

Lithuania - Border Guard

Malaysia – RMAF, Navy

Mauritania - Air Force

Mexico - Navy, Air Force, National Police

Morocco – Air Force

Netherlands – Navy, Army, National Police, Coast

Guard, Dutch Antilles Coast Guard

New Zealand - Navy

Nigeria - Coast Guard

Norway - Navy, RNoAF, Coast Guard

Oman – Navy, Air Force, Coast Guard, P.D., Royal Flight

Pakistan - Navy, Army, Air Force, MSA

Panama

Peru – Air Force, Police

Philippines – Air Force

Poland – Air Force, Border Guard, Ground Defense,

Special Forces, Navy

Portugal - Air Force, Navy

Qatar – Air Force, Navy

Republic of China – Air Force

Romania - MOI

Russia - Police

Saudi Arabia - Air Force, Navy, Border Guard,

Land Forces

Scotland - Fisheries

Slovakia – MOI

Slovenia - MOI

South Africa – Navy

Spain - Air Force, Guardia Civil, Customs,

SASEMAR (Coastal Protection Agency), National

Police, MSA

Sri Lanka - Air Force

Sweden - Coast Guard, Air Force, Nordic Battle

Group, Army, Police

Thailand – Royal Thai Navy, Army

Trinidad & Tobago - Coast Guard

Tunisia - Air Force

Turkmenistan

U.A.E. – Air Force, Army, Border Guard, S.O.C.,

Dubai PD, Abu Dhabi PD

U.K. - Royal Air Force, Navy, Army, Special Forces,

Coast Guard, Police Air Support

Ukraine

United States - All services, all agencies

Uruguay

Venezuela – Air Force





AAI RQ-7B Shadow 600



U.S. Army TCOM 17m Tactical Aerostat



Western Australian Police Air Wing MBB/Kawasaki BK-117



Chiltern Police Air Support Unit Eurocopter EC135



U.S. Marine Corps Bell UH-1Y



Italian Navy Agusta-Bell AB212



New Zealand Police Eurocopter AS355 F1 Ecureuil 2



UAE Armed Forces Eurocopter AS 555AN Fennec



U.S. Forest Service Bell 209 Fire Cobra



Mexican Navy Eurocopter AS565 Panther



Japan Coast Guard Agusta Westland AW139



Poland Land Forces PZL-Swidnik W-3WA Sokol



U.S. Air Force Sikorsky HH-3F



U.K. Royal Air Force Westland Sea King HAR3A



Canadian DND Sikorsky CH-148 Cyclone (H-92 Superhawk)



U.S. Coast Guard Sikorsky MH-60T



Hellenic Navy Sikorsky S-70B Sea Hawk



Swiss Air Force Eurocopter AS332L



UAE CH-47 Chinook



Scottish Fisheries Protection Agency Reims 406 Caravan II



Trinidad and Tobago Fairchild C-26A Metro III



Polish Border Guard PZL Mielec M28



Japan Coast Guard Beech King Air 350



German Navy Dornier DO-228



Hong Kong GFS BAE J-41 Jetstream



Colombian Air Force Basler BT-67



Australian Maritime Safety Authority
Dornier 328 - 120



Spanish Air Force EADS CASA C-295



Mexican Air Force EMBRAER EMB P-99B



United States Coast Guard Lockheed Martin HC-130J



Royal Australian Air Force Lockheed Martin P-3C Orion

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Azerbaijan – Mol

Austria – Air Force, BMI (Ministry of Interior)

Bahrain - Mol

Barbados - Coast Guard

Belgium – Air Force and Police

Bolivia - Air Force

Botswana - Game Patrol

Brazil - Air Force, Army, Navy, Regional Police

Brunei - Air Force

Bulgaria - Air Force, Navy, Mol

Canada – RCMP, DND (MHP), DFO (Fisheries and Oceans)

Chile - Navy, Air Force, Carabineros

Colombia - Air Force, National Police, Navy, Army

Cyprus – MoD, MoJ

Czech Republic - Army, Police

Denmark - Army, RDN, RDAF

Dominican Republic

Ecuador

Egypt – Navy

Equitorial Guinea

Estonia – Border Guard

Finland – Frontier Defense Forces, Army

France - Customs, Army, Air Force, Special Forces

Germany - Army, Navy, BPOL, Police Air Support

Greece - Air Force, Navy, Port Police, Coast Guard,

Fire Brigade, Special Forces

Guatemala

Hong Kong - GFS

Hungary - Mol

India - Air Force

Indonesia - Police, Mol

Iraq - Air Force

Ireland - Coast Guard, Air Corps, Garda

Israel – IAF, IDF, National Police

Italy - Army, Navy, Air Force, GdiF, CdiP, Carabinieri

Japan - JCG, JNPA, Prefectural PD

Jordan - Army, Air Force, Navy, MOI

Korea – KCG, ROKN, ROKAF, FFDR

Kuwait - Navy

Latvia - Border Guard, Air Force

Lithuania - Border Guard

Malaysia – RMAF, Navy

Mauritania – Air Force

Mexico – Navy, Air Force, National Police

Morocco - Air Force

Netherlands - Navy, Army, National Police, Coast

Guard, Dutch Antilles Coast Guard

New Zealand – Navy

Nigeria - Coast Guard

Norway - Navy, RNoAF, Coast Guard

Oman - Navy, Air Force, Coast Guard, P.D., Royal Flight

Pakistan – Navy, Army, Air Force, MSA

Panama

Peru – Air Force, Police

Philippines – Air Force

Poland – Air Force, Border Guard, Ground Defense,

Special Forces, Navy

Portugal - Air Force, Navy

Qatar - Air Force, Navy

Republic of China – Air Force

Romania – MOI

Russia – Police

Saudi Arabia – Air Force, Navy, Border Guard,

Land Forces

Scotland - Fisheries

Slovakia - MOI

Slovenia - MOI

South Africa - Navy

Spain - Air Force, Guardia Civil, Customs,

SASEMAR (Coastal Protection Agency), National

Police, MSA

Sri Lanka - Air Force

Sweden - Coast Guard, Air Force, Nordic Battle

Group, Army, Police

Thailand – Royal Thai Navy, Army

Trinidad & Tobago – Coast Guard

Tunisia - Air Force

Turkmenistan

U.A.E. - Air Force, Army, Border Guard, S.O.C.,

Dubai PD, Abu Dhabi PD

U.K. - Royal Air Force, Navy, Army, Special Forces

Ukraine

United States – All services, all agencies

Uruguay

Venezuela - Air Force







Afghanistan-bound HMLA-367 to bring new Huey to the fight September 07, 2009

Marine Light Attack Helicopter Squadron 367 "Scarface" wrapped up their final week of Enhanced Mojave Viper Aug. 26 as they prepare to take the Bell UH-1Y "Yankee," an updated version of the Huey helicopters, to the fight.

Scarface will be the first squadron to utilize the Yankee while conducting combat operations in support of the ground combat element and other coalition forces in Operation Enduring Freedom-Afghanistan. "Twentynine Palms mirrors the terrain where we are going to fight, which is great," said Lt. Col. Michael J. Borgschulte, commanding officer, HMLA-367.

"I am extremely confident in my Marines. Our squadron has a lot of combat experience," said Borgschulte. "This squadron's combat readiness is higher than any squadron I have been in." With this elevated combat readiness and the combined assault of the new Yankee and the AH-1W Cobra, Scarface is ready to be unleashed in Afghanistan. "Unlike our other helicopters the Yankee doesn't have blind spots," said Eklund, 26, from Pleasanton, Calif. "My weapon can shoot anywhere from off the nose to behind us." The Yankee also sports the Brite Star Block II forward looking infrared system, which is the latest generation in targeting," Borgschulte said. The system will allow the pilots to view and mark targets with infrared sightings further out and aid in instant target recognition by pilots and crew chiefs. "The Brite Star Block II is a force multiplier that will increase situational awareness among crew members and more accurately correlate targets," said Rose.

http://www.shephard.co.uk/news/3810/afghanistan-bound-hmla-367-to-bring-new-huey-to-the-fight/







Our Customers Are Our Credentials







LOCKHEED MARTIN

News Release

LOCKHEED MARTIN AIRBORNE LAB DEMONSTRATES ADVANCED INTELLIGENCE COLLECTION CAPABILITIES AT U.S. ARMY EXERCISE

Flying Laboratory Collected, Correlated, Distributed Real-time Intelligence

DENVER, September 9, 2009 - The power of one multi-intelligence aircraft collecting, correlating then distributing diverse types of intelligence to those who needed it was demonstrated by Lockheed Martin [NYSE: LMT] during the U.S. Army's C4ISR On-The-Move exercise. Lockheed Martin's Airborne Multi-intelligence Laboratory (AML) demonstrated how its onboard sensors, interacting with the Army's intelligence and battle command enterprises can dramatically improve the speed and quality of situational awareness available to friendly forces.

"This is a significant step forward in exploring the true potential of correlating various types of intelligence. We demonstrated that our open architecture, multi-INT test bed can link airborne sensors directly to defense command networks," said Jim Quinn, a vice president with Lockheed Martin's IS&GS-Defense. "The benefits of this exercise are clear; improved situational awareness, enhanced air to ground coordination and the ability to deliver critical battlefield information rapidly to tactical users."

During the exercise, the AML flew support missions for the Army's Intelligence and Information Warfare Directorate (I2WD), and was one of several sensors collecting information to support friendly forces. In a matter of seconds, the AML acquired high quality intelligence with its onboard sensors, relayed that intelligence to its ground station, which then transmitted the data immediately to the Army's Distributed Common Ground System for further analysis and distribution to the Army's battle command system.

The AML was unique in that it was able to collect radio signals and then immediately confirm its targets with an advanced High Definition Electro-Optical / Infrared sensor from FLIR systems. The U.S. Army's C4ISR On-The-Move exercise was conducted at the end of August at Lakehurst Naval Engineering Air Station and Fort Dix. N.J.

The AML, a modified Gulfstream III business jet, is predicated on advancing the science and the art of multi-INT net-centric warfare. Designed with an open architecture for interchangeability and experimentation, the AML provides a readily reconfigurable platform to rapidly test, explore, identify and validate how multiple sensors and onboard systems interact, and how to best apply them for use in military and non-military markets.

Headquartered in Bethesda, Md., Lockheed Martin is a global security company that employs about 140,000 people worldwide and is principally engaged in the research, design, development, manufacture. integration and sustainment of advanced technology systems, products and services. The corporation reported 2008 sales of \$42.7 billion.

#

Media Contact: Suzanne Smith, 303-932-5230; e-mail, suzanne.m.smith@lmco.com For additional information, visit our website: http://www.lockheedmartin.com







Search & Rescue

- •FLIR Systems and the U.S. Coast Guard pioneered the use of Infrared Night Vision for non-combat SAR operations, beginning in 1984.
- Nations around the world now use FLIR Systems for their SAR and CSAR operations, including:
 - Austrian Air Force
 - Cyprus RAF Akrotiri
 - Swiss Air Force
 - Spanish Air Force (CSAR) and SASEMAR
 - Portuguese Navy and Air Force
 - Royal Danish Air Force and Navy
 - Royal Belgian Air Force
 - Hellenic Navy and Coast Guard
 - Royal Norwegian Coast Guard
 - Royal Swedish Coast Guard
 - Royal Netherlands Navy and Coast Guard
 - Polish Navy and Border Guard
 - UAE Air Force
 - US Coast Guard, US Air Force (CSAR)
 - US Army (Combat Rescue and Medevac)
 - Canadian CMPH, RCMP
 - Oman Navy and Coast Guard
 - Royal Saudi Navy and Air Force
 - Japan Coast Guard and National Police
 - Korean Coast Guard, Navy and FFDR
 - Malaysian Air Force, Navy, and MMEA
 - Australian Coast Guard and Australian Maritime Safety Agency
 - Mexican Navy and Air Force
 - Italian Navy and Capitainerie di Porto





















Our Customers Are Our Credentials









U.S. Coast Guard Programs

Over 250 FLIR systems are delivered or on order to the U.S. Coast Guard since 1984. The most recent programs include:

- •ESS (Electro-Optical Sensor System), a variant of the Talon stabilized multi-sensor system, on H-60J and H-65 Dolphin helicopters for airborne use of force, interdiction, and search and rescue missions. The H-60J and H-65 are being upgraded and re-designated as MH-60T and MH-65C, respectively.
- •SIRVSS (Shipboard Infrared Visual Sensor System (SIRVSS), a variant of the Talon stabilized multi-sensor system aboard Coast Guard cutters including the 270' Medium Endurance Cutter and the 378' High Endurance Cutter.
- USCG Deepwater
 - Star SAFIRE III on HC-144A "Ocean Sentry" mediumrange surveillance aircraft for search and rescue, law enforcement, marine environmental protection, military readiness and International Ice Patrol missions.
 - Star SAFIRE III on HC-130J long range surveillance maritime patrol aircraft.
 - Star SAFIRE III on National Security Cutter.













Office of Public Affairs U.S. Coast Guard

U.S. Department of Homeland Security United States Coast Guard



Date: March 4, 20

Contact: Laura Williams 202-475-3116

COAST GUARD TAKES DELIVERY OF FIRST UPGRADED HC-130J AIRCRAFT

WASHINGTON - The U.S. Coast Guard accepted delivery of its first upgraded HC-130J long range surveillance maritime patrol aircraft on Feb. 29 in Greenville, S.C.

Press Release

The new HC-130J model provides the Coast Guard capabilities that will greatly enhance its ability to perform its missions. Two essential features of the new modification are the nose-mounted forward-looking infrared (FLIR) electro optical (EO) sensor, and belly-mounted multi-mode radar (MMR). The 360-degree belly MMR is the first of its kind on a HC-130 aircraft.

During one of the aircraft's test flights the test team illustrated the interoperability of its features by selecting an automatic identification system (AlS) target on the mission system operator display that was approximately 22 miles from the aircraft. They then used the EO/IR sensor to immediately lock on the target. The EO/IR system maintained a lock on the target until the aircraft was close enough to make a positive identification.

Scott Yerecic, the Coast Guard flight test engineer said, "When you see the mission system in operation, you begin to get a better understanding of the huge potential this system has to enhance the Coast Guard's mission capabilities."

"This test illustrates the ability of the system to lessen the crew's workload and improve mission effectiveness," said Capt. Matt Sisson, aviation acquisition program manager.

The Coast Guard is purchasing a total of six new fully upgraded HC-130J aircraft. For more information on the Coast Guard's long range search aircraft solution, visit the Coast Guard Acquisition website at: http://www.uscg.mil/acquisition/lrs/.

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The U.S. Coast Guard is a military, maritime, multi-mission service within the Department of Homeland Security dedicated to protecting the safety and security of America.



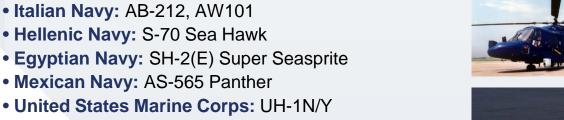




Lynx & Naval Embarked Helicopters

- Since 1989, FLIR Systems EO/IR imaging sensors have operated on various Lynx helicopter versions as well as a wide range of other maritime helicopters.
 - UK RAF: Sea King HAR3A
 - Royal Danish Navy (Air Force): Lynx Mk. 80, AW101
 - Royal Netherlands Navy: Lynx Mk. 25
 - Royal Omani Air Force: Super Lynx 300
 - South African Navy: Super Lynx 300
 - Brazilian Navy: Super Lynx 300
 - Royal New Zealand Navy: SH-2(NZ) Super Seasprite
 - Italian Navy: AB-212, AW101
 - Hellenic Navy: S-70 Sea Hawk

 - Mexican Navy: AS-565 Panther
 - United States Marine Corps: UH-1N/Y
 - United States Coast Guard: MH-60T, MH-65C Dolphin
 - Canadian DND: H-92 CMPH































COMBAT SEARCH & RESCUE

- September 2009: FLIR awarded \$15.4 million delivery order from the U.S. Army Aviation and Missile Command for Star SAFIRE[®] systems on Army Black Hawk helicopters in support of ongoing MEDEVAC missions.
- May 2009: FLIR Talon[™] system selected for US Army HH-60M
- October 2008: FLIR received a \$28.9 million order from Sikorsky Aircraft for Star SAFIRE® family systems to be installed on Army MEDEVAC Black Hawk helicopters serving in Iraq and Afghanistan.
- UH/HH-60 Black Hawk: Total over 320 in 6 nations. Recent Orders:
 - 2009: 56 Star Class systems ordered; Talon selected for HH-60M
 - April 2008: \$18.4 million for UAE GHQ, U.S. Army Black Hawk Ops.
 - Sept. 2007: \$23.8M Sikorsky order for U.S. Army MEDEVAC.
- HC-130 SAR/CSAR Aircraft
 - August 2009: FLIR received a \$7.2 million U.S. Government Foreign Military Sale (FMS) order for the Indian Air Force, for SAFIRE[®] III systems to be installed on C-130J Fixed Wing Surveillance Platforms.



















Armed Scout & Reconnaissance

- September 2009: FLIR received a \$4.9 million U.S. Government Foreign Military Sale (FMS) order for the Colombian Army and Air Force, for FLIR System's Star SAFIRE® III systems for Rotary Wing Surveillance and Tactical Platforms to support Colombian MoD counter-narcotic and counter-insurgency missions.
- April 2009: FLIR announced today orders totaling \$11.4 million from NSWC, Crane Division for its BRITE Star[®]
 II multi-sensor target designation systems, pursuant to a previous \$125.3 million, five year requirements
 contract. The units delivered under these orders will be used by the U.S. Marine Corps and U.S. Navy.
- October 2008: FLIR received a \$125.3 million requirements contract from NSWC, Crane Division for its BRITE Star II multi-sensor target designation systems. FLIR also announced the receipt of a \$67.3 million initial delivery order under this contract. The units delivered under this contract will be used by the U.S. Marine Corps and U.S. Navy for various missions including search and rescue, reconnaissance, and attack.
- July 2008: FLIR received an international order of \$3.5 million for its BRITE Star DP stabilized, multi-sensor systems, including spare parts and select services. The BRITE Star DP system is the latest generation of the combat-proven BRITE Star laser designation system. The units delivered under this order will be used by an ally of the United States for counter-terror interdiction missions.
- Jan 2008: FLIR announced a \$13 million competitively awarded order from the Colombian Ministry of Defense for Star SAFIRE HD systems. The units delivered under this order will be used by the Colombian Air Force onboard helicopters in performance of national security and counter-narcotic missions.
- June 2004: FLIR awarded \$6.3 million contract for Star SAFIRE II systems to the Air Force Space Command, to be installed on UH-1N helicopters for use on ICBM security missions.
- May 2003: FLIR awarded \$40 million indefinite delivery/indefinite quantity development contract from the US Special Operations Command, for the delivery of up to 75 lightweight airborne multi-sensor imaging systems for use on US Army Special Operations helicopters.
- May 2003: FLIR awarded \$7.3 million contract to complete the upgrade of the infrared imaging systems used on U.S. Marine Corps' fleet of UH-1N "Huey" helicopters. Under the contract, FLIR will complete the upgrade of the U.S. Marine Corps' SAFIRE thermal imaging systems to its Star SAFIRE system [total of 125].











News Release

Contact:

Nathan Drevna (703) 741-7393 office (571) 286-8440 mobile nathan.drevna@ngc.com

Northrop Grumman's Fire Scout Vertical Unmanned System Successfully Completes Testing Under Extreme Environmental Conditions

Field trials add momentum to system readiness for domestic, international evaluation

ABU DHABI, UAE – July 14, 2010 – With the support of the United States Navy, Northrop Grumman Corporation (NYSE: NOC) and its industry partners (Sikorsky/Schweizer, Rolls-Royce, Raytheon, FLIR Systems, Cubic, Kearfott, Rockwell-Collins, General Electric, Sierra Nevada, Telephonics, and L-3 Communications) today successfully completed a rigorous set of flight demonstrations of the MQ-8B Fire Scout vertical unmanned aerial system (VUAS) in the United Arab Emirates under extreme environmental conditions.

A social media version of this news release, which includes key facts, quotes, photos, video clip and other relevant links and information can be found at http://www.irconnect.com/noc/press/pages/news releases.html?d=196314

The test flights were conducted in early July over a ten day period in the United Arab Emirates. They validated Fire Scout's steady system maturation and helped signal its readiness for the U.S. Navy's upcoming Operational Evaluation of the system, planned for late 2010 aboard the USS Halvburton (FFG-40).

"We welcome Northrop Grumman and the U.S. Navy to the UAE for continued testing of the Fire Scout" said Ali Al Yafei of ADASI (Abu Dhabi Autonomous Systems Investment). "As a VUAS, Fire Scout has many unique capabilities to offer and we're looking forward to reviewing the results of this in-country testing."

The Fire Scout demonstrations included numerous takeoffs and landings in hot, windy and sandy conditions in temperatures as high as 47 degrees Celsius (117 degrees Fahrenheit). The VUAS also conducted various test flights at altitudes up to 3,000 meters (9,842 feet). These demonstration missions included non-line-of-sight operations that showcased Fire Scout's ability to operate autonomously in remote locations, and its FLIR Systems electro-optical/infrared (EO/IR) sensing capabilities used to locate and acquire targets.

Video imagery from the testing was presented today at a post-testing event to an audience of interested multi-national government agencies, and domestic and

Northrop Grumman Corporation 1840 Century Park East • Los Angeles, CA 90067 www.northropgrumman.com/media Northrop Grumman's Fire Scout Vertical Unmanned System Successfully Completes "Hot" Testing/Page 2

international media. The imagery, a compilation of video produced by Fire Scout's sensors during field trials, demonstrated the VUAS's real-time imagery-transmission capability, a vital element of the intelligence, surveillance and reconnaissance missions it performs for military forces.

"Today's demonstration was very impressive and reinforces the continued maturation of the Fire Scout system and its capabilities," said John Brooks, president of Northrop Grumman International Inc. "Northrop Grumman thanks the UAE for being such a gracious host and offering us the opportunity to test Fire Scout in the extreme heat of summer. The UAE represents an important partnership for Northrop Grumman and our customers internationally demand the best. We are committed to continuing to meet and exceed their expectations."

The only U.S. Department of Defense VUAS program of record, Fire Scout is a mature, flexible and reliable system whose capabilities can serve as a true force multiplier.

"The capabilities that Fire Scout delivers to warfighters really stood out today," said Duke Dufresne, sector vice president and general manager for the Strike and Surveillance Systems Division of Northrop Grumman's Aerospace Systems sector. "It's clear from this demonstration that Fire Scout can do exactly what it's designed to do: extend the range at which we can gather crucial information during peacekeeping or wartime missions."

Northrop Grumman Corporation is a leading global security company whose 120,000 employees provide innovative systems, products, and solutions in aerospace, electronics, information systems, shipbuilding and technical services to government and commercial customers worldwide. Please visit www.northropgrumman.com for more information.

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Northrop Grumman Corporation 1840 Century Park East - Los Angeles, CA 90067 www.northropgrumman.com/media







Border Guard & Federal Police

- March 2009: FLIR announced strong demand for the all-digital Star SAFIRE HD from Border Guard, Federal Police and Law Enforcement agencies worldwide. The following agencies have all selected Star SAFIRE HD for their Mission Support System:
 - European Border Guard Agencies
 - Bundespolizei Germany (EC135, EC155, Super Puma)
 - Spanish Guardia Civil (fixed wing & helicopter)
 Polish Border Guard

- UK Law Enforcement Agencies
 - West Yorkshire
 - North Wales
 - West Midlands
 - Central Counties
- East Midlands
- Chiltern
- South Wales
- Devon & Cornwall
- Greater Manchester
- Suffolk
- Humberside
- Cheshire
- Wiltshire

West Mercia

- German State Law Enforcement Agencies
 - North Rhine Westphalia
 - Sachsen-Anhalt
- The Netherlands Police
- The Japan Coast Guard
- Australian Federal Police
- Victoria State Police

Bavaria

New South Wales Police

Theuringen

- Australian Customs
- US Customs & Border Protection
- US FBI and DEA
- Queensland Emergency Management

















Maritime Surveillance & Patrol

- Hundreds of FLIR Star SAFIRE class systems are operated around the world in Maritime Patrol, ASW and related missions. They are integrated with modern mission systems such as the EADS-CASA FITS, and in legacy installations such as the P-3 Orion IRDS replacement (with full AN/APG-63/LTN-92/CASOS interface). Operators include:
 - P-3 Orion: US Navy, US CBP, RAAF, RoKN, German Navy, SpAF, PoAF, Chilean Navy, Brazilian Air Force
 - HC-130J: US Coast Guard
 - EADS-CASA CN-235/HC-144A: Irish Air Corps, US Coast Guard, Spanish SASEMAR & Guardia Civil, Mexican Navy
 - EADS-CASA C295: Portuguese Air Force, Chilean Navy
 - CASA 212: Swedish Coast Guard, Mexican Navy, Korean Coast Guard
 - EMB P-99B: Brazilian Air Force, Mexican Air Force
 - DO-228: German Navy, Netherlands Coast Guard
 - DO-328: Australian Maritime Safety Agency
 - Gulfstream G-V: Japan Coast Guard
 - PZL Mielec M-28: Polish Border Guard, Polish Navy
 - BAe J-41 Jetstream: Hong Kong GFS
 - Reims-Cessna F406: Scottish Fisheries, Hellenic Coast Guard, French Customs
 - C-26: Mexican Air Force, Trinidad & Tobago Coast Guard, Peruvian Air Force, Barbados Coast Guard
 - Saab 340: Japan Coast Guard
 - Beech King Air 200: Canadian Dept. of Fisheries (DFO)
 - Beech King Air 350: Japan Coast Guard
 - Bombardier CL-604 Challenger: Danish Air Force
 - Bombardier Dash 8: Japan Coast Guard, Dutch Antilles CG





















Afghan skies Clever eyes in

The RAAF's Orions perform a crucial surveillance role for the coalition forces, Max Blenkin writes

emergency landing in Afghanistan.
In the event of a forced landing, all rew members carry sidearms and wear body armour.

Extraordinary Vision