Pilot Safe after Ejection from Navy T-45C Crash near NAS Kingsville, Texas

Lt. Joseph Dejunco, from Atlanta, assigned to the aircraft carrier USS Gerald R. Ford (CVN 78) air department, signals a T-45C Goshawk attached to Training Air Wing (TW) 2 to launch from the flight deck, March 17, 2021. *U.S. NAVY / Mass Communication Specialist 3rd Class Riley McDowell*

CORPUS CHRISTI – On Aug. 16 at approximately 12:00 p.m. CDT, a U.S. Navy T-45C Goshawk jet trainer aircraft assigned to Training Air Wing 2 at Naval Air Station Kingsville, Texas, crashed on approach to NAS Kingsville, the Chief of Naval Air Training Public Affairs Office said in a release.

One instructor pilot was aboard and ejected from the aircraft. The pilot has been transported to Christus Spohn Hospital-Kleberg for further evaluation.

The aircraft impacted an empty field on Navy property just north of the airfield. NAS Kingsville Emergency Services and

Kingsville Sheriff's Office responded to the scene. No civilians were harmed in this incident.

The pilot was conducting a routine training flight that originated at NAS Kingsville. The incident is under investigation.

This loss is the first for a T-45 this calendar year. Three were lost in 2021.

Keel Authenticated for Future USS Jeremiah Denton

Ingalls welder Troy Maddox traces the sponsors' initials on a keel plate that will be permanently placed in Jeremiah Denton (DDG 129) on August 16, 2022 at Huntington Ingalls Industries (HII) Ingalls Shipbuilding division, Pascagoula, Mississippi. *Michael Duhe*

WASHINGTON – The keel for the future USS Jeremiah Denton (DDG 129), a Flight III Arleigh-Burke class destroyer was

ceremonially laid at Huntington Ingalls Industries (HII) Ingalls Shipbuilding division, August 16, Team Ships Public Affairs said in a release.

The ship is named for former Senator Jeremiah Denton, Jr., a Vietnam War veteran who was awarded the Navy Cross for his heroism as a prisoner of war. Following his Navy career, he was elected to the U.S. Senate representing his home state of Alabama in 1980.

The contemporary keel laying ceremony represents the joining together of a ship's modular components at the land level. The keel is authenticated with the ship sponsors' initials etched into a ceremonial keel plate as part of the ceremony. Co-sponsors of DDG 129 are the daughters of the namesake, Madeline Denton Doak and Mary Denton Lewis.

"We are honored to build a ship named for the late Senator Denton and to have his family present to celebrate this important milestone on the path to delivering another Flight III destroyer to the Fleet," said Capt. Seth Miller, DDG 51 class program manager, Program Executive Office (PEO) Ships. "The USS Jeremiah Denton is the Navy's next great warship, which will provide power projection with the latest advanced combat capability."

The DDG 51 Flight III upgrade is centered on the AN/SPY-6(V)1 Air and Missile Defense Radar and incorporates upgrades to the electrical power and cooling capacity plus additional associated changes to provide greatly enhanced warfighting capability to the fleet. Flight III is the latest Flight upgrade in the more than 30-year history of the class, building on the proud legacy of Flight I, II and IIA ships before it.

HII's Ingalls Shipbuilding is also in production on the future USS Lenah Sutcliffe Higbee (DDG 123), the future USS Jack H. Lucas (DDG 125), the future USS Ted Stevens (DDG 128) and the

future USS George M. Neal (DDG 131).

Marine Corps Awards BAE Systems $88 million Contract for ACV-30 Test Vehicles

An Amphibious Combat Vehicle (ACV) with the 3rd Assault Amphibian Battalion, 1st Marine Division disembarks the well deck of the amphibious transport dock USS Anchorage (LPD 23) during waterborne training. Anchorage is underway conducting routine operations in U.S. 3rd Fleet. *U.S. NAVY / Mass Communication Specialist 2nd Class Hector Carrera*

STAFFORD, Va. – The U.S. Marine Corps has awarded BAE Systems an $88 million contract to build multiple ACV-30 Production-Representative Test Vehicles (PRTVs), BAE Systems said in an

Aug. 15 release. Once delivered, the PRTVs will undergo a period of testing prior to a full-rate production decision.

The ACV-30 mounts a stabilized, medium caliber Remote Turret System manufactured by KONGSBERG. The 30mm RT-20 is a remotely controlled and operated weapons system that enhances crew protection. The remote turret eliminates the space requirement of legacy lethality systems. It provides more space to transport troops or mission essential equipment, and reduces weight for better mobility.

“We are committed to equipping the Marine Corps with the best technology available to provide them with a decisive edge,” said John Swift, vice president of amphibious programs at BAE Systems. “We have carefully chosen proven industry partners who are equally committed to ensuring Marines have the capabilities to dominate on the battlefield.”

The ACV represents the optimum balance of sea/land mobility and survivability, with future growth potential. The ACV was born out of a combination of BAE Systems’ amphibious vehicles legacy and Iveco Defence Vehicles’ long history of producing more than 30,000 multi-purpose armored vehicles.

“The unmanned KONGSBERG RT-20 medium caliber turret is designed to meet the current and future needs of the Marine Corps as they move forward in implementing the future operating vision known as Force Design 2030,” said Scott Burk, president of KONGSBERG Protech Systems USA. “The fielding of this vehicle system provides the Marines with a low risk, and operationally proven solution.”

The ACV-30 is one of four variants in the ACV Family of Vehicles. BAE Systems is under contract for a personnel variant (ACV-P), a command variant (ACV-C), and a recovery variant (ACV-R).

In addition, BAE Systems has received task instructions from the U.S. Marine Corps to complete a study of incorporating a

Command, Control, Communication and Computers/Unmanned Aerial Systems mission payload into an Amphibious Combat Vehicle (ACV) variant.

ACV production and support is taking place at BAE Systems locations in: Stafford, Virginia; San Jose, California; Sterling Heights, Michigan; Aiken, South Carolina; and York, Pennsylvania.

Marine Corps' G/ATOR Demonstrates Advanced Fire-Control Radar Capability

G/ATOR supporting a series of live-fire tests in White Sands Missile Range, New Mexico. *Northrop Grumman*

BALTIMORE – Northrop Grumman Corporation's AN/TPS-80 Ground/Air Task Oriented Radar (G/ATOR) multifunction sensor successfully detected and tracked multiple cruise missile threats simultaneously during a recent live-fire test at White Sands Missile Range, New Mexico, the company said in an Aug. 15 release. G/ATOR successfully tracked each target immediately after launch and passed relevant information in real time to intercept numerous cruise missile targets from multiple angles.

The tests were part of the U.S. Marine Corps' mid-tier acquisition rapid prototyping effort, known as the Ground Based Air Defense Medium-Range Intercept Capability (GBAD MRIC), a developmental program established to protect high-value areas and assets from airborne threats such as cruise missiles and aircraft.

"During this test event, the AN/TPS-80 demonstrated a combination of performance capabilities during a realistic representation of an adversary attack," said Michael Hahn, director, advanced land radar solutions, Northrop Grumman. "G/ATOR is an expeditionary radar and is unrivaled in its ability to simultaneously provide weapons quality tracks on numerous, concurrent airborne targets while maintaining 360-degree surveillance coverage. The software-defined nature of the AN/TPS-80 was critical in rapidly developing and demonstrating this advanced capability in support of challenging threat scenarios to support the Marine Corps."

The rapid emplacement and displacement of the AN/TPS-80 means troops can quickly stand up this mission capability in the field, perform the mission, and rapidly move assets to avoid vulnerability of enemy targeting. Unlike traditional sensors, multifunction systems like G/ATOR consolidate multiple capabilities into a single sensor, decreasing the size, weight and power requirements. G/ATOR is one piece of the solution

providing the joint forces with an operational picture and deep breadth of data to operate in today's contested environment, in support of the Marine Corps' Force Design 2030 strategy.

The GBAD MRIC program, led by the Marine Corps, integrates existing systems – specifically, G/ATOR and the Common Aviation Command and Control System (CAC2S) – with components of the Israeli Iron Dome System including the Tamir interceptor to provide integrated surveillance and coverage.

Kaman Fuzing Receives Boeing Order for SLAM-ER Arming Fuzes

MIDDLETOWN, Conn. – Kaman Corp.'s Kaman Precision Products Fuzing division located in Middletown, Connecticut, has received an award from The Boeing Company for the Standoff Land-Attack Missile – Expanded Response (SLAM-ER) program, Kaman said in a release. Kaman is contracted to support engineering for obsolescence redesign and production of 650 safe and arming fuze systems for the SLAM-ER advanced precision-guided, air-launched cruise missile. This award has a total value of approximately $38 million and secures deliveries in support of the SLAM-ER program through 2028.

Kaman's workforce of highly skilled engineers, technicians, assemblers, and support personnel in Middletown will support this program. "We are excited to support Boeing and NAVAIR on this vital program and are committed to delivering safe and arming devices in support of U.S. allies," stated Darlene Smith, vice president and general manager of the Kaman

Precision Products Segment.

Kaman Precision Products Fuzing, a division of Kaman, possesses extensive knowledge of energetics and explosives for complex electro-mechanical devices. The experience and detailed product knowledge have established Kaman as a world class production and test facility. Kaman designs and manufactures missile and bomb fuzes that are highly reliable and recognized throughout the defense industry.

GE’s LM2500 Engines to Power India’s 1st Indigenous Aircraft Carrier

EVENDALE, Ohio – The Indian Navy’s newest carrier, the Vikrant, was commissioned Aug. 16 with four GE LM2500 engines powering the ship with 88 MW giving it a maximum speed of 28 knots, the company said in a release. The addition of the Vikrant to the Indian Navy’s fleet is a significant accomplishment for the Government’s “Make In India” initiative, as 76% of the content is indigenous, adding India to an elite group of nations with indigenous aircraft carriers (IAC). With the commissioning of the Vikrant, the Indian Navy has 18 GE Marine engines in service, with additional engines in production to support the ongoing Project 17A ship construction.

The IAC project started in 2007, and when selected, GE Marine announced the LM2500 marine gas turbines would power the ship and be built by Indian partner Hindustan Aeronautics Limited (HAL). The 262-meter-long carrier has 14 decks, can accommodate a crew of 1,700, and is capable of operating 30

aircraft.

The Vikrant underwent four phases of sea trials of major equipment and systems between August 2021 and July 2022. “On this monumental day for the Indian Navy, having commissioned their first indigenous aircraft carrier, GE Marine is proud to be the power behind its propulsion. We are committed to supporting India’s indigenous military programs through our long-standing in-country relationships,” said GE’s Kris Shepherd, vice president and general manager, GE Marine.

For more than 30 years, GE has worked with HAL, which assembles, inspects, and tests all LM2500 gas turbines built for the Indian Navy. The LM2500 gas turbine kits were manufactured at GE’s Evendale, Ohio, facility and assembled and tested by HAL’s Industrial & Marine Gas Turbine Division in Bangalore, India. HAL is one of the world’s leading aerospace companies involved in the manufacture and maintenance of aircraft, helicopters, avionics and aerospace defense equipment.

Coast Guard to Mark Beginning of Construction of a National Coast Guard Museum

The future home of the National Coast Guard Museum in New London, Connecticut. *U.S. COAST GUARD*

NEW LONDON, Conn. – The Coast Guard will be hosting a formal ceremony to commemorate the construction of a National Coast Guard Museum in New London, Connecticut, Friday, Aug. 19 at 2:00 p.m., on the City Pier in New London, Connecticut, the Coast Guard Academy said in an Aug. 15 release

Rep. Rosa DeLauro, D-Connecticut; Rep. Joe Courtney, D-Connecticut, Adm. Linda Fagan, commandant of the Coast Guard; and local government officials will attend the event.

Principle speakers will give remarks during a formal "keel-laying" ceremony to commemorate the construction of a National Coast Guard Museum that will memorialize over 230 years of service into one central location to honor the legacy and heritage of the world's greatest Coast Guard. The Coast Guard Band, silent drill team and operational assets will also be part of the event.

A longstanding tradition in the shipbuilding industry, a

“keel-laying” celebrates the laying down of a ship’s keel, marking the start of its construction. Although modern shipbuilding techniques have evolved and the ceremony is now properly called a “keel authentication”, the Coast Guard is drawing from the traditions and nomenclature of old when inaugurating the building of the nation’s first and only National Coast Guard Museum.

Joint Strike Fighter Lot 15 Ceiling Allows 28 F-35s for Navy, Marine Corps

An F-35C Lightning II, assigned to the “Black Knights” of Marine Fighter Attack Squadron (VMFA) 314, prepares to launch from the flight deck of the Nimitz-class aircraft carrier USS

Abraham Lincoln (CVN 72) while the ship is underway in the Philippine Sea. *U.S. NAVY / Mass Communication Specialist 3rd Class Javier Reyes*

ARLINGTON, Va. — The Defense Department has increased the ceiling for its contract for Lot 15 Joint Strike Fighters to 129, the department said in an Aug. 12 release.

The Naval Air Systems Command awarded Lockheed Martin a not-to-exceed $7.63 billion firm-fixed-price, fixed-price incentive (firm target), un-definitized modification to a previously awarded advanced acquisition contract, the Defense Department said in the release. The modification increases the contract ceiling to procure 129 F-35s.

Of the 129 F-35s, the total includes three F-35Bs and 10 F-35Cs for the U.S. Marine Corps and 10 F-35Cs for the U.S. Navy. The numbers notionally will enable the Navy and Marine Corps each to add one F-35C squadron to its force structure.

The total also includes 49 F-35As for the U.S. Air Force; 32 F-35As and four F-35Bs for non-U.S. program partners; and 16 F-35As for Foreign Military Sales customers. The contract also includes 69 shipsets of hardware.

The Navy currently has two F-35C fleet squadrons on strength, while the Marine Corps has one. The Corps also fields five fleet F-35B squadrons.

Work on the contract is expected to be completed in October 2024.

U.S. Coast Guard

Participating in Operations Island Chief, Blue Pacific 2022

The USCGC Oliver Henry (WPC 1140) crew arrives in Manus, Papua New Guinea, on Aug. 14, 2022, from Guam as part of a patrol headed south to assist partner nations in upholding and asserting their sovereignty while protecting U.S. national interests. *U.S. Coast Guard / SW3 Victor Villanueva, NMCB-FOUR*

MANUS, Papua New Guinea – The U.S. Coast Guard is participating with partners to support the Pacific Islands Forum Fisheries Agency-led Operation Island Chief and the larger Operation Blue Pacific through patrols in the Western Pacific in August and September 2022, the Coast Guard's Micronesia Sector said in an Aug. 14 release.

"Employing our unique authorities, capabilities, and access within Oceania is a privilege. We are eager to further integrate with our Allies and regional partners to protect national interests and combat illicit maritime activity such as illegal, unreported, and unregulated fishing," said Capt.

Nick Simmons, U.S. Coast Guard Forces Micronesia/Sector Guam commander. “Strengthening governance and modeling professional maritime behavior on the high seas and the surrounding waters is one way to counter predatory activity and reinforce the Pacific as a positive center of gravity and sustainable economy.”

The operation covers a substantial area of the Pacific on the high seas and the exclusive economic zones of the Federated States of Micronesia, Papua New Guinea, Australia, and the Solomon Islands, while renewing relationships bolstered by local knowledge and expertise.

The USCGC Oliver Henry (WPC 1140), a 154-foot Sentinel-class fast response cutter, and crew deployed from Guam are making their first port call of the patrol in Manus, Papua New Guinea. During the patrol, the cutter will also have aerial support from a forward deployed HC-130 Hercules airplane crew from U.S. Coast Guard Air Station Barbers Point and New Zealand Defence Force P-3 Orion airplane crew. Where possible, the crew will also conduct subject matter expert exchanges and engagements.

Operation Island Chief is one of four operations conducted annually under FFA. It includes the Pacific waters of 11 participating FFA member nations – Fiji, Federated States of Micronesia, Kiribati, Palau, Papua New Guinea, Nauru, the Marshall Islands, Samoa, the Solomon Islands, Tuvalu, and Vanuatu.

“The Oliver Henry crew are committed to regional collaboration and sharing best practices to strengthen our relationships and information sharing,” said Lt. Freddy Hofschneider, commanding officer of Oliver Henry. “The U.S. Coast Guard has been a dedicated partner in the region for decades. We appreciate the support of our colleagues as we take this ship across vast distances in this region, making some transits and port calls for the first time.”

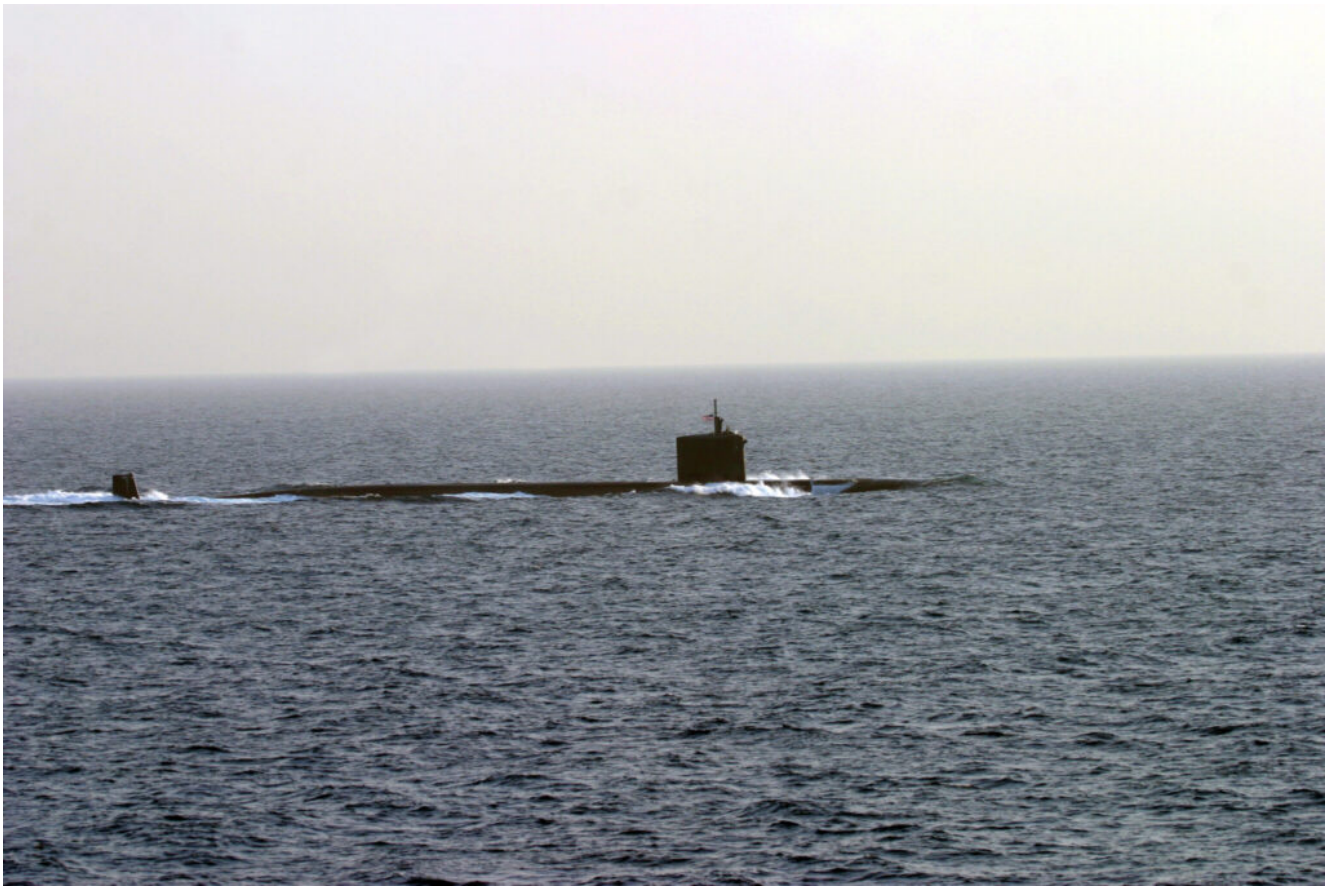
A significant emphasis of the operation for the U.S. Coast Guard is the ongoing emphasis on fisheries and resource protection.

“The Pacific Ocean is home to some of the world’s most abundant fisheries,” said Simmons. “These fisheries are living marine resources, part of the global food chain, representing food security and an economic engine for many of the Pacific Island Nations. By leveraging our cutters, aircraft, and intelligence professionals, the U.S. Coast Guard continues our strong partnership with the Pacific Islands Forum Fisheries Agency and its members to protect this vital marine ecosystem and ensure continued economic prosperity and a thriving ocean for future generations.”

According to FFA, partners are seeing increasing success through multilateral operations in the Pacific to tackle IUUF. These operations evolved from a focus on protecting against illegal boats entering the fisheries to policing the operations of licensed vessels that haven’t followed the rules and regulations governing their activities. The Pacific region is a vast expanse, and collaboration across the many partners, providing personnel and assets, is crucial to ongoing success.

The Oliver Henry is the 40th Sentinel-class fast response cutter. The ship arrived in Guam and was commissioned along with its sister ships, Myrtle Hazard and Frederick Hatch, in July 2021. In the time since, the crew has participated in several search and rescues cases, completed a counternarcotics patrol off Guam with the Japan Coast Guard patrol vessel Mizuho, and conducted sovereignty and fisheries patrols in the Forces Micronesia/Sector Guam area of responsibility.

General Dynamics Electric Boat Awarded $236.2 Million Contract Modification for Support of Operational Submarines



The Los Angeles-class attack submarine USS Hartford, shown underway in the Persian Gulf in 2009. *U.S. NAVY*

GROTON, Conn. – General Dynamics Electric Boat, a business unit of General Dynamics, was awarded a modification of the previously awarded U.S. Navy contract for engineering, technical, design and planning yard support for operational strategic and attack submarines, the company announced in an Aug. 12 release.

The contract modification has a value of $236,182,606 million.

Work will be performed in Groton, Connecticut; Kings Bay, Georgia; Bangor, Washington; Pearl Harbor, Hawaii; North Kingston, Rhode Island; and Newport, Rhode Island, and is expected to be completed by September 2023.

“The shipbuilders of Electric Boat are proud to continue our role providing lifecycle maintenance and modernization support to the U.S. Navy’s operational submarine fleet in keeping with our mission to provide sailors with the advantage that helps protect our nation,” said Kevin Graney, president of General Dynamics Electric Boat.

General Dynamics Electric Boat designs, builds, repairs and modernizes nuclear submarines for the U.S. Navy. Headquartered in Groton, Connecticut, the company employs approximately 18,000 people.