



FRC SW

ALMIANAC

Volume 8 - Issue 4



**FRC SW
New
Grinder**

Skipper's Corner: Innovation at FRCSW



Capt. Timothy Pfannenstien

Fleet Readiness Center Southwest has been known throughout the Naval Aviation Enterprise as the innovation depot because creativity traditionally flourishes throughout this command. In my time as Commanding Officer this has proven to be the case.

In FY15 FRCSW engineers and artisans completed the fabrication of an alignment fixture that will be used in the repair of 'E' model F/A-18 *Super Hornets*. The first of these aircraft requires an historic splicing procedure of an existing section from a donor 'F' model Super Hornet and is anticipated to be completed in this fiscal year. Going forward, the new fixture will also be used for Super Hornet and Growler ISR work, thus continuing to grow the FRCSW tool chest.

The innovative spirit of our artisans was also evident last fiscal year with the news that FRCSW will be increasing our aircraft footprint by adding a new type of aircraft to the plant: the MQ-8B *Fire Scout* unmanned air vehicle (UAV).

FRCSW is the designated airframe component source of repair to the UAV reconnaissance helicopter. Our first task, to install modifications and corrosion prohibiting improvements, began in earnest shortly after our designation, and beginning this year we will expand our work on the UAV to include Aircraft Condition Inspections, which are not unlike the PMI events performed on traditional manned airframes. This workload is currently scheduled to be completed in the brand new Building 325 hangar at North Island that was recently dedicated.

To better serve and handle our radar test systems for the E-2C *Hawkeye* rotodome, we built the Navy's first Indoor Spherical Near-Field Antenna Measurement System (SNAMS) which allows us to reduce rotodome setup and testing time from one week to just four hours, cuts the testing site from more than one acre to a 40-foot by 40-foot area, all in an environment which is harmless to the operator.

One final innovation that should be mentioned is the recently acquired Intermittent Fault Detection and Isolation System (IFDIS) in Bldg 463. This unit is designed to quickly and efficiently identify intermittent faults that in the past have gone undetected in GCUs. These faults are estimated to cost taxpayers upwards of \$2 billion annually due to increased repair costs. This unit will lower the overall cost to the fleet for GCU maintenance and improve the quality of repair. A win win!

Many challenges await us both this year and in the future. Whether those challenges are anticipated or unforeseen, I have the steadfast confidence in your ability, dedication and resolve to ensure that FRCSW remains not only the Navy's premier readiness center, but the innovative force behind the latest MRO applications in naval aviation.

In Your Service,

TIMOTHY PFANNENSTEIN
Captain, U.S. Navy
Commanding Officer



Fleet Readiness Center Southwest



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FRCSW MISSION & VISION
Mission

WE GENERATE READINESS THROUGH TIMELY AND RESPONSIVE PRODUCTION OF ENGINES, AIRCRAFT, AND COMPONENTS FOR THE WARFIGHTER.

Vision

TO BE THE PREMIER MAINTENANCE REPAIR AND OVERHAUL ORGANIZATION IN THE DEPARTMENT OF DEFENSE BY PROVIDING THE BEST VALUE, HIGHEST QUALITY, AND MOST RELIABLE PRODUCTS.

FRCSW IS A CORNERSTONE OF FUTURE NAVAL OPERATIONS WHICH WE ACHIEVE THROUGH A HIGHLY CAPABLE WORKFORCE AND ROBUST COMMUNITY PARTNERSHIPS.

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About the Cover

Machinist Rey Mirasol runs a functional check on the new Supertec universal grinder in Building 472.

Photo by Jim Markle

Aircraft examiner Jorge Gutierrez works on an E-2C Hawkeye using the new portable fall prevention stand.

Photo by Scott Janes

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FRCSW ADDS NEW UNIVERSAL CNC GRINDER TO TOOL CHEST

One way Fleet Readiness Center Southwest (FRCSW) ensures that its customers receive the best possible product is by making certain that the tooling used by its artisans is in top condition.

A recent example of tooling efforts may be found in the components machine shop in Building 472 where the command replaced a 30-year-old cylindrical universal grinder with a new computer numerically controlled (CNC) model in July.



“The previous universal grinder had lost its tolerances, and the company that made it (Cometa from Italy) went out of business so we no longer could get replacement parts,” said Robin Springer, engineering technician. “It went completely down about six months before we got the new one in.”

Approximately 12 feet long and 6 feet wide, the new universal CNC grinder was purchased through the command’s Capital Investment Program (CIP) for \$900,000 including installation and software by the manufacturer, Supertec.

The grinder is primarily used on rotodome radar shafts, but because it has a swing of more than 38 inches, it can also accommodate F/A-18 *Hornet* fighter and E-2/C-2 landing gear.

FRCSW machines about 12 rotodomies a year.

“It grinds the outside diameter of the rotodome shaft. We’ll do a pre-grind, or rough, which removes material from the outside of the cylinder to be plated. Once plated, it is returned to us and we grind it down again to the finished sized diameter,” said machinist Manuel Dial.

Afterward the component is cleaned and painted, and returned to whichever squadron owns it.

“Since this was installed in August, we have finished two rotodomies: one for a P-3 *Orion* and one for an E-2C *Hawkeye*. And we finished two E-2/C-2 main landing gear,” Dial said.

Supertec provided artisans with 10 days of training in three separate classes that included operation and troubleshooting.

Springer said that the new CNC grinder is more energy efficient than the previous model, and that funds for modifications within Building 472 were not required for its setup.

“The old grinder was manually operated,” Dial said. “This one is much more accurate and has a .0001 incremental accuracy rate. It’s also much safer environmentally because it’s enclosed with a built-in filter that captures any dust or particles from grinding.”

FRCSW is also installing a new gap grinder in the shop that should be operational early next year. ▼

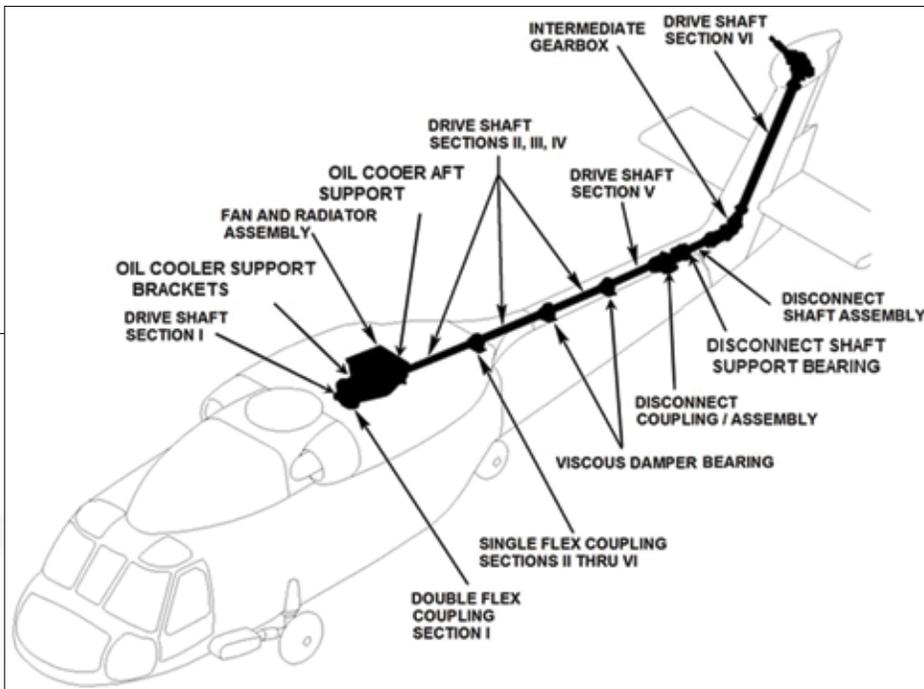
WORK PACKAGE STREAMLINES H-60 DRIVE SHAFT ALIGNMENT



It is not uncommon for naval and Marine Corps aircraft to be transported from the fleet to Fleet Readiness Center Southwest (FRCSW) for repairs.

But the induction last year of an H-60 *Seahawk* helicopter assigned to Helicopter Maritime Strike Squadron (HSM) 70 served as a catalyst to enhance and simplify the drive shaft alignment procedure to the airframe depot-level wide.

Naval Air Systems Command aerospace engineering technician Rodney Madsen and In-Service Repair supervisor Pete Fuentes teamed with four FRCSW artisans to pool their troubleshooting experience and knowledge to create a new depot structural repair manual work package applicable to all Seahawk model tail drive shaft alignments.



“There’s currently no governing technical manual for doing this at the depot level,” Madsen said. “We had a general specification (GenSpec) that was written in Pensacola in the late 80s that had some guidance, but it was difficult to understand and there hasn’t been that much experience in doing this type of repair.”

Using the GenSpec as their basis and repair experience from a previous MH-60 Seahawk that had suffered a mishap, the team systematically determined the airframes priority points and what areas to repair to achieve the proper alignment.

The resulting 19-page work package outlines procedures for inspecting, and corrective measures for structurally aligning, the main components of the tail drive shaft: the oil cooler support brackets, tail rotor drive shaft coupling mount plates, tail disconnect coupling support angles, and tail pylon drive shaft support bearing fitting.

“Developing the work package was about a four-month long process, and it was all being done while working on the (HSM-70) aircraft. We were documenting everything we were doing and how we were doing it,” Madsen said.

The HSM-70 Seahawk had a problem with the disconnect shaft where the pylon folds to the tail cone. And he said that the aircraft was in danger of impending failure because it wasn’t aligned properly.

A depot-level team was initially sent to the squadron’s ship, but rough seas made it impossible to hold the Seahawk in a stable position to align its tail drive shaft. Ultimately, the aircraft was transported to FRCSW for repairs as the command owns the Navy’s only laser alignment fixture for exclusive use on the H-60 airframe.

“The alignment fixture is tied into the work package. There are repairs that can be done without the alignment fixture that use other tooling, so it covers those as well,” Madsen noted.

“The key benefit to the work package is during an Integrated Maintenance Program (IMP) event when re-assembling the aircraft. If a drive shaft is out of alignment, this provides a formal written instruction and tech manual on how to correct it if it’s the structure that is misaligned. Also, if an aircraft has a minor mishap or damage and the aircraft’s in service, and it’s some sort of damage that effects the drive shaft alignment, this provides a way to correct that problem,” he said.

Use of the work package in the fleet is dependent upon sea conditions and may be performed only while an aircraft is within the hangar of a CVN or an L-Class ship.

Madsen said that the step-by-step work package should reduce the time required to complete a drive shaft alignment on the Seahawk.

“In the past there were always a lot of delays between engineering, the artisans and even Sikorsky would get involved on occasion. But recently the artisans were able to use the tech manual and I didn’t have to give them any engineering support or issue any instructions because the manual covered everything. They knew exactly where to go, and in that respect, it saved everyone a lot of time.”

“But it would be hard to say how many manhours this will save overall because this is a very conditioned based problem. Not every aircraft that comes through has a drive shaft alignment problem,” he said. ▼

Force Reconnaissance Marines, assigned to 13th Marine Expeditionary Unit, conduct fast rope exercises on the flight deck of amphibious assault ship USS Boxer (LHD 4).
Photo by MC2 Debra Daco

Ceremony Launches New FRCSW Helo Facility

Photos by Brittane Bowden

Fleet vertical lift squadrons can look forward to getting their assets returned much faster in the coming years as Fleet Readiness Center Southwest (FRCSW) marked the completion of its new 100,000 square-foot helicopter maintenance facility January 21.

Costing almost \$50 million, the building is the Navy's first and only facility solely dedicated to the support and service of H-60 *Seahawk* multi-mission helicopters.

FRCSW Commanding Officer Capt. Timothy Pfannenstien said the design of the new hangar (Building 325) is the result of a collaborative effort between Naval Base Coronado, Naval Facilities Engineering Command Southwest (NAVFAC) and Naval Air Systems Command (NAVAIR) H-60 Multi-Mission Helicopter Program, PMA-299.

"This building is a generational leap forward in supporting our aviation fleet," Capt. Pfannenstien said. "It sets the tone for the future of FRCSW and is a physical representation of one of our four pillars within the FRCSW command strategy: That of infrastructure renewal."

Pfannenstien spoke of the significant impact the new hangar will have in improving the readiness of H-60 aircraft to the fleet.

"With 30 bays, we will perform maintenance without aircraft waiting for spots. Reducing wait generates readiness," he said. "The building will

consolidate our Integrated Production Team, which will reduce transit time for talent, skills, materials, and tools and generate efficient use of all of our resources. Doing so reduces costs and improves speed. Doing both generates readiness."

Guest speaker Commander, Fleet Readiness Centers Rear Adm. Paul Sohl followed and challenged the FRCSW H-60 workforce to exceed previous production levels.

"You produce nearly half of the H-60s that the fleet needs," Rear Adm. Sohl said. "That number last year was about 50. That capacity has to grow to 80."

He also spoke of the facility's energy efficient design which uses natural light to the fullest extent possible and features exterior building skins which sandwich the insulation for both cool and heat reducing energy costs.

Echoing Sohl's comments, final guest speaker Assistant Secretary of the Navy for Energy, Installations and Environment Dennis McGinn said,

"Across the FRC enterprise we are seeing more products through less expenditure of electricity, water and fuel, and that really translates directly into readiness."

"This building is an example of getting product out with extending less energy, by being smart in how you design it and the processes."

Construction of the new facility began in December 2012 and resulted in the demolition of 10 buildings, three of which were used to maintain the H-60s.



Assistant Secretary of the Navy for Energy, Installations and Environment Dennis McGinn, (second from right) and Fleet Readiness Center Southwest (FRCSW) Commanding Officer Capt. Timothy Pfannenstien cut the ceremonial ribbon to mark the completion of FRCSW's new 100,000 square-foot H-60 *Seahawk* helicopter maintenance facility. Pictured are (from left) Deputy Assistant Secretary of the Navy (Energy) Joseph M. Bryan, Naval Facilities Engineering Command Southwest construction manager Lt. j.g. Nicholas Peskosky, Capt. Pfannenstien, Mr. McGinn, and Fleet Readiness Centers Rear Adm. Paul Sohl.

Photo by Jim Markle



NAVAIR 6.0 Taps FRCSW for Employee of Quarter

Fleet Readiness Center Southwest (FRCSW) Capital Investment Program (CIP) project manager Martha Hoffman was selected Naval Air Systems Command's (NAVAIR) 2015 6.0 Logistics and Industrial Operations Competency Employee of the Quarter, third quarter.

NAVAIR made the announcement via naval message Nov. 6.

Hoffman, who is assigned to the FRCSW Industrial Operations Management Department, plays a crucial role in providing big-ticket support equipment essential to the command's mission of generating readiness through timely and responsive production.

"CIP Managers procure equipment that costs over \$250,000. Through statistical analysis we determine the age and life cycle of the equipment, research vendors and the market for comparable equipment with newer technology and a diminished environmental footprint that will benefit the command and increase its capability," Hoffman said.

When purchases are justified, they are presented through the chain-of-command to Commander, Fleet Readiness Centers. In the meantime, specifications and the statement award are developed, and if applicable, information technology clearances are determined for any accompanying software.

"Once the contract is awarded to a specific vendor we regain control of the project. At that point I'm out in the field working with engineering, facilities, maintenance, the contracting official, the vendor, and the customer to ensure the product meets all of our regulations and requirements. I'll also monitor the scope of work and schedules to ensure we deliver within budget and on schedule," she said.



Fleet Readiness Center Southwest (FRCSW) Commanding Officer Capt. Timothy Pfannenstien congratulates Capital Investment Program project manager Martha Hoffman on her selection as the 2015 NAVAIR 6.0 Logistics and Industrial Operations Competency Employee of the Quarter, third quarter. Hoffman was recognized in ceremonies at Naval Air Technical Data and Engineering Service Command Nov. 10 for her work in identifying and procuring more than \$9 million in three major pieces of crucial support equipment. *Photo by Scott Janes*

"Martha's accomplishments in the CIP represent what is possible in all of us," said production planning division competency manager Daniel Conley. "In the three years she has been working in the program she has completed a multitude of million dollar procurements, which directly increases capability for production. Whenever I mention her name to program managers they all say the same thing: 'Martha is awesome.' She motivates her vendors to deliver on-time and within budget by using a maternal leadership style that has as much bite as it does reward."

Hoffman arrived at FRCSW in 2008 as a contractor in Competency 520. She later worked in facilities, moved to components for Naval Air Technical Data and Engineering Service Command (NATEC) and NAVAIR equipment compliance, and in her current position, supports most of the command's major production programs.

In a joint venture with Boeing, NAVAIR, Teradyne and the Common Aviation Support Equipment Office (PMA-260), Hoffman purchased FRCSW's Reconfigurable Transportable Consolidated Automated Support System (RTCASS-D) which became operational in February.

RTCASS-D is an advanced avionics tester used to pinpoint and resolve avionics component problems. It is applicable to an array of aircraft including the V-22 Osprey, F/A-18 Hornet and UH-1 and AH-1 helicopters.

When the cables and connectors to the automated wiring analyzer (AWA) that tests the avionics and electrical systems to the E2-C Hawkeye began to fail, Hoffman replaced it with a new custom-made unit.

"The new AWA is specifically designed to test the E2-C, all of its avionics program tests in the aircraft, and is compatible with the previous test programs we had before," she noted.

To expand the command's physical security, Hoffman is currently managing the project to increase the security access to eight additional buildings through smart card readers and keypads linked to the present system.

Perhaps her largest purchase is the 55-foot long and approximately 28 feet in width Super Hornet alignment fixture which is also applicable for EA-18G Growler airframe repairs.

The fixture will be used in the upcoming historic repair to an 'E' model F/A-18 Super Hornet by splicing an existing section of the aircraft's fuselage from that of a donor 'F' model Super Hornet.

"When we finished that F/A-18 fixture, my greatest satisfaction, besides getting the project completed, was to see the faces of the artisans when they were ready to use that fixture; no greater joy than to see them using the fixture," Hoffman said.

"This was an FRCSW team effort where we all came together to deliver these projects," she said. "Without their help, I would not have been able to complete them."

Hoffman's current projects include a vacuum chamber for chromium plating, a coordinated measurement machine, and a retrofit to the Campbell grinder in the components machine shop in Building 472.

All three projects should be awarded this year. ▼



FRCSW and NATEC Commemorates the Life of Dr. Martin Luther King, Jr.

FRCSW Commanding Officer Capt. Timothy Pfannenstein is joined by Vice President of the Southern Region of the Black American Political Association Dr. Willie Blair, APAT North Island Site Lead Priscilla Ford, NATEC Director Cmdr. Cristal Caler, and NATEC Deputy Director Rhonda Hunt at the Dr. Martin Luther King, Jr., celebration held in the Commander, Naval Air Forces auditorium aboard Naval Air Station North Island on January 15, 2016.

Photo by Brittane Bowden

Energy Contract to Save FRCSW \$2.5 Million Annually

In a move that will save \$2½ million in annual energy, utility and facilities costs, Fleet Readiness Center Southwest (FRCSW) finalized an Energy Service Performance Contract (ESPC) through the U.S. Army Corps of Engineers in September.

The 14-year contract will target energy and facility improvements to about 30 of the command's buildings, according to Matthew Schreck, FRCSW energy and water conservation program manager.

"The scope is going to be full decentralization of compressed air. We're on a very old, leaking centralized compressed air system with massive air leaks at an extremely high cost. We're going to remove our buildings off of that, and put in 18 new compressed air plants," Schreck said.

"It's going to be a very sizable project and our cost savings will be guaranteed. We put no money down,

and contractors will install new energy efficient equipment."

By maintaining its \$13 million annual utility budget and using the project's savings, FRCSW will pay for the new equipment.

"It doesn't cost the command \$1 more on our utility budget. The only difference is that now it's an investment, not an expense," Schreck said.

ESPC workload will be contracted to AECOM, a global engineering firm headquartered in Los Angeles, and will begin early next year with the replacement of existing cooling towers with "zero bleed" cooling towers in Buildings 250, 379 and 472.

"The zero bleed towers are an advanced water softening system that will save a considerable amount of water because they don't have a lot of scaling and blow-down (portion of the water flow that is drained to maintain an acceptable level of dissolved solids and impurities)," Schreck said.

"Our cooling towers right now have a lot of stuck valves which means they push as much as they can to get the heat out," he added.

Also slated for early 2016 will be lighting upgrades that include LED and photocells (solar) lighting to the paint complex and Building 27.

Among other scheduled work is a complete overhaul to Building 463 that will include new air handlers, variable frequency drives (systems that control air conditioning motor speed and torque), new chillers, new lighting systems, and new condensing boilers.

Building 66 will be demolished after its departments are relocated to Building 379 where a new roof, lighting and HVAC will be installed.

"It was anticipated that we could maybe get that (demolition) up for a MILCON in 2018, but we were able to integrate it with this project so we could take care of it now," Schreck noted.

Project construction is scheduled for completion by the end of fiscal year 2017. And because the ESPC holds a guaranteed cost savings, all maintenance and extended warranty coverage to new equipment will be managed by the contractor.

"Not only do they take care of the equipment, but it is in their best interest to keep it up and running in optimal condition," Schreck said. "If the contractor does not provide us with the \$2½ million annual savings, say it's just \$1 million, then they have to absorb the other \$1½ million in repayment and FRCSW is charged nothing additional that year."

Schreck said that FRCSW and the Army Corps of Engineers previously partnered to complete a \$1 million project to improve lighting and variable frequency drives at the paint complex.

Awards

Applause

Military Awards

Navy And Marine Corps Commendation Medal

CDR COLE
ADCS LIROQUIROGA
ADC CAMBA
ATC GARCIA

Navy And Marine Corps Achievement Medal

ADC BARRIENTOS
AT1 BENNEKIN
AS1 BORABY
AD1 BRISSEY
NC1 CARILLO
AD1 EUGENIO
BM1 GILL
AD1 GONZALEZ
AZ1 GRANT
PR1 JAMORABON
AD1 KELLY
AZ1 McCARTHY
PS1 McKISSIC
PR1 McLAURIN
AT1 NICKELSON
AM1 PADGETT
AS1 PEREZMENDEZ
AS1 SANTOS
AM2 ABELLANA
AE2 AMON
AS2 CASTLE
PR2 CHAMBERS
AM2 CRUZ
PS2 DEVERA
AD2 HERRADURA
AT3 KING
AM2 MAHNKE
AT2 NATIVIDAD
AZ2 POOLE
AD2 SARGENT
AS2 VENTURA
AE3 DILLEN
AS3 FULTZ
AT3 GUARDADO
AT3 STILKE
PR3 VARNER
PRAN HERNANDEZ
ATAN VILLANUEVA

Military Outstanding Volunteer Service Medal

ADC CAMBA
AS1 CAI
AS1 SANTOS

Flag Letter Of Commendation

AZ1 MARTIN
AD2 WALKER
AS2 WALSH
AT3 BRENNAN
AD3 BUNKLEY
AS3 ENDRINA
AS3 FOY

Commanding Officer Letter of Commendation

AZ2 BENNETT
AS2 CASARES
AS2 SHEKERJIAN
AZ2 WARD
AS3 CROW
AS3 PRICE
AZAA COLEMAN

Civilian Awards

Special Act or Service Award

ABAD, RODNEY I.
ABELLAR, EDGARDO N.
ABSHER, Jr., TERRY N.
ABUYEN, JASON R.
ADAMS, ALI R.
ADKINS, RONALD M.
AEBERSOLD, ALAN S.
AFALLA, EDGAR M.
AFFELDT, LORIE A.
AGAPITO, BANNY D.
AGLUBAT, VAN M.
ALARID, CARLOS O.
ALBERT, MICHAEL B.
ALCOBIA, ROY F.
ALEXIO, KRISTIN L.
ALFASY, JOSHUA A.
ALLEN, JOE
ALLISON, ASHLEY GAIL
ALMEROL, ROMEO Z.
ALVAREZ, ALFREDO K.
AMAICHIGH, ROBERT T.
AMATO, ROBERT A.
ANDERSON, ALISHIA F.
ANDERSON, PHILIP L.
ANDERSON, THOMAS J.
ANDRADE, ALEJANDRO SCOTT
ANDRIC, IGOR
ANGLE, BRADLEY K.
ANTHONY, ROBERT D.
APILADO, CESAR C.
APODACA, DENNIS F.
APOSTOL, NICANOR T.
APPLEGATE, ANDREW L.
AQUINO, CARL A.
ARAGON, Jr., PEDRO.
ARANDA, NESTOR R.
ARCE, Jr., ERNESTO.
ARCHER, STEPHANIE D.
ARCHULETA, MARK A.
ARENAS, DAVID R.
ARIAS, GREGORY
ARIAS, MAXIMO S.

From October 1, 2015 – January 15, 2016

ARMOUR, STEVEN E.
ARNOLD, CHARLES L.
ARNOLD, DAVID F.
ASCHENBRENNER, LISA A.
ASUNCION, FREDERICK H.
ATANASOFF, MARK L.
ATIENZA, CRISPIN C.
AUTERSON, DAVID A.
AVEO, CHRISTOPHER IAN S.
AVILA, ANDRES
AYERS, JEFFREY L.
AYUYAO, BERNARDO A.
BABAN, FARZAD
BACA, BIANCA M.
BAESAS, JOEY.
BAEZ, WILLIAM D.
BAGAOISAN, DANILO M.
BAGTAS, NIMITZ C.
BAGTAS, RODIARDO C.
BALL, MICHAEL F.
BALLESTEROS, JESSE F.
BANH, THANH
BARBER, KIMBERLY M.
BARBER, TOMAS C.
BARIUAN, NESTOR B.
BARRON, RUBEN
BASCO, AIDA M.
BASKIN, RICHARD D.
BASUEL, RUBEN C.
BAUERLEIN, NANCY J.
BAUGHMAN, WILLIAM E.
BEDON, JAKE S.
BEESON, ANNE B.
BELL, RICHARD E.
BELL, Jr., CECIL
BENITEZ, GILBERT R.
BENITEZ, RODRIGO C.
BENNETT, KRISTOPHER S.
BENTLEY, ANGELA K.
BENTLEY, CHRISTOPHER W.
BERGLUND, Jr., ROBERT M.
BERNARDO, SERVILLANO A.
BERNTH, DANE M.
BERONILLA, ROLANDO C.
BIBBS, VICTOR E.
BIEDERMAN, JOSEPH Q.
BILEN, JAYSON B.
BINDE, GREGORY A.
BINION, TINEA J.
BISHOP, ANTHONY J.
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BLAS, GEORGE P.
BLODGETT, MICHAEL L.
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BREUER, MARTHA A.
BRIDGES, WILLIAM O.
BRINKMEIER, ROBERT C.
BROWN, RICHARD D.
BROWN, STEVE D.
BUDE, NATHAN P.
BUENAVENTURA, ALBERT
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BUTLER, BENJAMIN
BUTLER, KURT D.
BUXTON, RONALD S.
BYRD, CARL A.
BYRD, HEATHER N.
CABAL, ABRAHAM T.
CABRAL, LESLIE
CABUSI, ALBERT S.
CADUA, RUBEN D.
CADY, JAMES A.
CALALAY, JEFFREY H.
CALHOUN, MICHELLE Y.

CALIMQUIM, NAPOLEON F.
CALIVER, KENNETH E.
CALLEJAS, ROLANDO E.
CAMILING, JOURNALD S.
CAMITAN, MANUEL D.
CAMPA, JOSE A.
CAMPBELL, JENNIFER E.
CAMPBELL, MARYANNE D.
CAMPOS, RICARDO
CANCEL, DAVID
CANDRELLA, NICHOLAS C.
CANTERO, DANILO L.
CANTU, DAVID C.
CAPACIA, FERDINAND V.
CARMAN, EILEEN P.
CARR, BRIAN J.
CARRASCO, KEVIN P.
CARTACIANO, MICHAEL V.
CARTER, CASEY J.
CARVER, JAMES W.
CASAGRANDE, TODD J.
CASALME, RICARDO P.
CASILLAS, ALFREDO D.
CASTILLO, BONIFACIO T.
CASTILLOCASEY, PETER C.
CAYETANO, NICKSON O.
CEDILLO, DOROTHY A.
CENTINO, JOSELITO C.
CERVANTES, JOSELITO S.
CHACON, GERALDO A.
CHAMPAGNE, CYNTHIA D.
CHARD, DWAYNE
CHASE, BRIAN C.
CHAU, DAN T.
CHEEK, DUSTIN L.
CHENG, BILLY
CHEVALIER, GEORGE J.
CHIN, CURTIS W.
CHING, MICHAEL A.
CHINN, MARCIO A.
CHOW, I-CHIEN R.
CHU, JAY C.
CIOKIEWICZ, NICOLE ANN
CLEM, JEFFREY T.
COATS, RYAN J.
COFFEY, MARIA A.
COFFEY, STEVEN DALE
COHEN, JEFFREY A.
COLCHIN, PATRICK J.
COLEMAN, PAULA H.
COLON, LUIS A.
COMER, ROBERTO S.
COMPAGNON, JAMES F.
CONSIDINE, THOMAS L.
COOPER, KENNETH
COOPER, TRAVIS J.
CORBIN, MICHAEL W.
CORNUTE, GUENDALENA D.
CORTEZ, MAGNOLIA LOVE
COVINGTON, SHANNON R.
COWELL, GERALD L.
CRABB, GREGORY S.
CRAIG, JAMES R.
CREECH, BRIAN WAYNE
CRENSHAW, ANGELA S.
CROCKETT, ELIZABETH A.
CROSS, ARTHUR L.
CRUMP, ANDREW B.
CRUSE, MARIA K.
CRUZ, BENITO APOSTOL
CRUZ, GIL H.
CRUZ, JOSE A.
CRUZ, JOSEPH D.
CRUZ, JOSEPH F.
CUMMINS, DANIEL C.
CUNNIFF, DANIEL DAVID
CURTIS, RICHARD B.
DALLAS, ALAN M.
DAM, CU.

Awards

Applause

DANG, CAMANH T.
 DANG, HANH H.
 DANG, NAM V.
 DAO, DAVID D.
 DAO, TUOC B.
 DAVID, GEORGE M.
 DAVIS, EDWIN B.
 DAVISON, LEE E.
 DAY, JASON E.
 DEANDRADE, DONALD
 DEARMAS, JORGE E.
 DECASTRO, RENE C.
 DECK, DAVID A.
 DEFEND, RICK.
 DEFENSOR, ANGELITO U.
 DEGRAFFENREID, HASSAN
 DEGROOD, THOMAS J.
 DEGUZMAN, ATHENE D.
 DEHOYOS, MICHELLE L.
 DELACRUZ, BENJAMIN U.
 DELACRUZ, ISAGANI D.
 DELACRUZ, ORLANDO D.
 DELACRUZ, Jr., ANTONIO E.
 DELOS SANTOS, RYAN P.
 DEMARTINO, Jr., JOSEPH W.
 DEVILLE, ROBERT A.
 DIAL, MANUEL R.
 DIAZ, ALVARO R.
 DIAZ, CARLOS.
 DIAZ, CHRISTINA M.
 DIELMAN, DAVID H.
 DINH, VINCENT QUY
 DINKINS, MICHAEL L.
 DIXON, MICHAEL
 DIZON, WYNDBERG B.
 DO, PHONG D.
 DOAN, LUC Q.
 DOBROWOLSKI, VALERIE A.
 DOEPKE, ERIK G.
 DOMINGO, DUANE B.
 DOMINGUE, BRYAN E.
 DOMINGUEZ, ROBERT F.
 DONAHUE, PAUL A.
 DONDRICAMPANO, ROSELLER S.
 DOYLE, JOHN M.
 DRINKO, GAYBIE JOLANDA
 DROUGHN, LISA M.
 DRUCE, REBECCA L.
 DUBIN, JEFFREY A.
 DUENAS, KENNETH R.
 DUNCAN, CHRISTOPHER P.
 DUNN, JOHN W.
 DUONG, DAISY
 DUONG, DAWN D.
 DUONG, GIONG
 DUONG, HUE N.
 DUONG, THANH L.
 DURYEY, JOSHUA M.
 EANG, AMY N.
 EANG, TIM S.
 EARLY, STEPHEN LEE
 EATON, GAVIN
 EDILLOR, Jr., MOISES A.
 EDWARDS, MICHAEL B.
 ELAGO, MERCHA M.
 ELLINGTON, ROBERT K.
 ELLIS, EUGENE C.
 ENDO, GRANT M.
 ENGLISH, EDWARD K.
 ENGLISH, JAMES M.
 ENGLISH, STEPHEN F.
 ENRIQUEZ, JOSELITO C.
 ENSOR, LYDIA K.
 ESCALERA, DANIEL A.
 ESCANO, RIMAR P.
 ESPENIDA, ERNESTO B.
 ESPINOZA, CELIANA C.
 ESTACIO, RICO V.
 ESTES, Jr., LAWRENCE H.

ESTRADA, JIMMY E.
 EUSTAQUIO, ARIEL B.
 EVERLY, SHAWN P.
 EVERS, EDWARD C.
 FABIO, ROY M.
 FAMADOR, ROBIN H.
 FANG, CHU J.
 FARMER, KEVIN JAMES
 FARMER, RICKEY J.
 FERGUSON, REBECCA R.
 FERNANDEZ, ENRICO V.
 FERNANDEZ, SEVERINO N.
 FERRARA, CHRISTINE G.
 FERRELL, ROBERT M.
 FERRER, RAMONCHITO M.
 FIELDS, DAPHNE G.
 FITZSIMMONS II, BOBBY G.
 FLOREZ, DAVID A.
 FONT, ANA A.
 FONTENOT, CLARENCE L.
 FORRESTER, PAUL J.
 FOSTER, DEREK V.
 FOZ, RANDOLF PERALTA
 FRANCIS, HOWARD T.
 FRANK, BRIAN E.
 FRANKLIN, JOHNNY L.
 FREEDMAN, JEFFREY P.
 FULBRIGHT, DAVID C.
 FULGENCIO, HENRICO CARANGALAN
 FUNK, JOHN E.
 FUNKE, ANDREW G.
 GAAR, KIMBERLY Y.
 GABRIELSON, RICKY L.
 GAETA, ANITA M.
 GAGNE, JOHN J.
 GAITHER, MARQUISE R.
 GALANG, RICARDO T.
 GALASKI, MATTHEW S.
 GALAZ, Jr., MICHAEL O.
 GALVANTE, SEBASTIAN
 GALVIN, STEVEN E.
 GALZERANO, VINCENT L.
 GAMBERALE, STEPHEN W.
 GAMEZ, LUIS J.
 GANNON, NICHOLAS M.
 GARBER, MICHAEL G.
 GARCIA, GARRICK F.
 GARCIA, VINCENT ANTHONY M.
 GARDNER, BRETT G.
 GARR, MELISA M.
 GARRETT, PIERCE B.
 GASPARD, JARVIS G.
 GATPANDAN, LENNIE F.
 GEITH, RICHARD S.
 GEMLO, GREGORY ROBERT
 GERRICK, DESMOND S.
 GIANG, HUNG T.
 GIBSON, CHRISTOPHER M.
 GIESENSCHLAG, DAVID A.
 GIJON, ROBERT D.
 GILMORE, JASON M.
 GILMOUR, LAURA A.
 GILPIN, RICHARD D.
 GLASSMAN, KEITH F.
 GLINES, JUSTIN P.
 GLOVER, JEFFREY A.
 GO, ARTURO E.
 GOBASCO, EDWINA M.
 GOCHNOUR, BEN L.
 GOGUE, DANIEL P.
 GOINGCO, MARIA R.
 GOINS, Jr., SYLVESTER
 GOLDBERG, SCOTT E.
 GOMES, NORMAN J.
 GONZALES, LOUIS A.
 GONZALES, MARIA DE JESUS
 GONZALES-THORN, MARY M.
 GONZALEZ, ANTONIO A.
 GONZALEZ, JENNIFER

GONZALEZ-PEREZ, LUIS O.
 GOODHUE, GEORGIA E.
 GOODIN, BRIDGETT A.
 GORDON, JULIE A.
 GORDONNOLAN, LAURA A.
 GOULDING, CONOR J.
 GRAHAM, BILLY J.
 GREEN, JAMES R.
 GREER, CHARLES B.
 GREER, WILLIAM J.
 GREUBEL, BRIAN R.
 GREVER, TOD M.
 GROSS, MICHAEL WHALEY
 GRUNSETH, TIMOTHY A.
 GUALE, GEORGE C.
 GUBERNATH, SHAWN S.
 GUERRA, LINDA E.
 GUGERTY, CHRISTOPHER J.
 GUINGAB, DANIEL NAVARRO
 GUINTO, TEDSKIP I.
 GUMATAOTAO, ERNIE G.
 GURLEY, RICHARD K.
 GUTIERREZ, ERIN P.
 HA, DAN T.
 HAGEDORN, MARK S.
 HAGEN, JUSTIN DAVID
 HALE, ALBERT L.
 HALFMAN, DUANE M.
 HALL, GLENDA F.
 HALL, RYAN J.
 HAN, SINH D.
 HARDY, Jr., JACK P.
 HARKINS, VICKI L.
 HARMON, DEVIN F.
 HARPER, KENNETH R.
 HARRIS, JEROME
 HARRISON, MICHAEL W.
 HARTMAN, PHILIP LEE
 HARVILL, PAUL R.
 HAUPT, ROBERT C.
 HAWKINS, MIREYA E.
 HAYES, GARY H.
 HAYWARD, CARA L.
 HECKART, SAMUEL
 HEGYI, JOHN J.
 HENRY, JOE L.
 HERNANDEZ, MARTY J.
 HERNDON, MICHELLE A.
 HERRERA, GARY EDISON JOSE
 HERRICK, KEITH F.
 HESS, BARRY
 HEW, MITSUKO L.
 HICE, SARA Y.
 HIGHHOUSE, MICHAEL D.
 HILL, DONALD W.
 HILLS, GARTH L.
 HINES, WILLIAM M.
 HIPOLITO, JAMES TIONG.
 HIRTH, BRIAN.
 HISE, GARY L.
 HO, HUONG X.
 HO, TUNG B.
 HOESCHEN, MICHELLE R.
 HOGUE, RODNEY D.
 HOLAHAN, JUSTIN M.
 HOLMBERG, SHEILA BETH.
 HONEYCUTT, THOMAS A.
 HOPPEL, DANIEL
 HORTON, ALISTER
 HOVORKA, JOSLYN M.
 HOWARD, DANNY G.
 HOWARD, MICHAEL D.
 HUBER, GARY D.
 HUGHES, LORI L.
 HULAHAN, PAUL A.
 HUMPHREY, BERTI T.
 HUNT, JUANITA L.
 HUNT, TRACY W.
 HUTCHISON, ROBERT A.

HUYNH, BINH K.
 HUYNH, HUNG N.
 HUYNH, RYAN
 HUYNH, STANLEY
 HUYNH, TAN H.
 IGNACIO, MARK D.
 ILOG II, LEONARDO E.
 INGRAM, DENNIS J.
 ISALES, VALERIE E.
 ISORENA, ROGER S.
 ISYASA, MICHAEL G.
 JACKSON, DARYLLE.
 JACKSON, DAVID P.
 JACKSON, JAMES E.
 JACOBS, CANDY R.
 JACOBS, KENNETH P.
 JACOBSEN, GAIL A.
 JAIME, GEORGE S.
 JANABAJAL, JAY
 JAMES, SCOTT J.
 JANSEN, PAULA D.
 JAQUILMAC, JUAN M.
 JARVIS, THOMAS G.
 JENKINS, DONALD G.
 JOCSON, FLORESTEL SUREL
 JOHNSON, BRIAN M.
 JOHNSON, GARY A.
 JOHNSON, MARK C.
 JOHNSON, MICHAEL J.
 JOHNSON, PAUL J.
 JOHNSON, VILMA H.
 JOHNSON, WALTER
 JONES, ELLIS T.
 JONES, ISAIAH L.
 JONES, TYLAN D.
 JONES, VIRGLE G.
 JORDAN, JOANNE B.
 JORNALES, NILO M.
 JOTIE, MANUEL S.
 JUAREZ, Jr., VICTOR
 JUNG, PAUL M.
 KAMINSKI, TIMOTHY J.
 KAPARIC, VINCENT M.
 KEIM, ROBERT B.
 KELLOGG, ROBERT PETER
 KENNEDY, RICHARD E.
 KEOPUHIWA, NALANI P.
 KERR, CORY W.
 KERR, GREGORY.
 KHAMINGSAVATH, KHAMPHET L.
 KHOUNBORINE, INTHAVONG
 KHUU, STEVE K.
 KIDWELL, RONALD E.
 KIM, JAE M.
 KIM, JOHN C.
 KIMMERLY, ADAM R.
 KING, PAUL E.
 KING, RICHARD ONEAL
 KING, STEVEN A.
 KING, Sr., BOBBY D.
 KINSEY, LESLIE A.
 KISIELEWSKI, MARK D.
 KITTRELL, JERRY L.
 KLEMPER, DONALD PAUL
 KNOLL, MICHAEL D.
 KOO, KEVIN Y.
 KOZAKIEWICZ, ERIC D.
 KRASKO, JOSEPH M.
 KRASKO, RICHARD
 KRETSCHMAR, DAVID L.
 KROTZER III, WILLIAM M.
 KRUEGER, MICHAEL T.
 KUBALA, JAMES J.
 LABAR, DENTON D.
 LACY, JONATHAN L.
 LACY, KATHRYNE M.
 LAMBELL, KARLA P.
 LAMOGLIA, Jr., JOSE M.
 LANGFORD, GEOFFREY S.

Awards

Applause

Special Act or Service Award *(continued)*

LAO, DAVID L.
 LAPUZ, ROLANDO C.
 LAROYA, LUKE
 LASSITER, TINA D.
 LAWRENCE, STEVEN D.
 LAWS, YOLANDA
 LE, DAVID
 LE, HANH T.
 LE, HUNG N.
 LE, HUY N.
 LEDESMA II, EDWARD D.
 LEE, BENJAMIN JAY
 LEE, DANIEL H.
 LEE, RICHARD K.
 LEFFERT, ANTHONY W.
 LEMERAND, LEE D.
 LEONARD, SHARON L.
 LEVALLEY, BRITTNEY M.
 LEWIS, LARRY E.
 LEWIS, MAVIS J.
 LIM, RICARDO T.
 LINCK, RHEA C.
 LINDSEY, COLBY S.
 LINDSEY, LYNZETTA J.
 LIPOVIC, ALEKSANDAR
 LLAMAS, ISAAC
 LOFTUS, AMANDA B.
 LONGSTRETH, THOMAS M.
 LOPEZ, BARTOLO
 LOPEZ, CRISANTO M.
 LOPEZ, ELEAZAR
 LOPEZ, RICKY L.
 LOPEZ, STEVEN A.
 LOPEZ, Jr., JOSE S.
 LORENZANA, LARRY S.
 LORENZO, GERARDO
 LOVELL, GARRETT ANDREW
 LOW, LUCAS
 LUCADOU, JAMES E.
 LUCERO, CHRISTOPHER A.
 LUJAN, RAYMOND A.
 LUSTER, MICHAEL A.
 LUU, JIMMY
 LY, HO THIET
 LY, PHUONG CHI THI
 MABALOT, BENEDICTO Y.
 MACELT, MATTHEW J.
 MACIAS, ARMANDO A.
 MACIAS-DILL, DELIA LINA
 MACY, CONRAD A.
 MADARA, ROBERT
 MADARANG, NATHANIEL B.
 MADRID, Jr., MANUEL
 MAGAHIS, PHILIP S.
 MAGEE, MICHAEL H.
 MALISH, JOSHUA D.
 MANANSALA, EDWIN M.
 MANGANELLI, STEVEN P.
 MANIBUSAN, DANIEL C.
 MAPLES, JAMES P.
 MARGETTA, PENNY SUE
 MARINEZ, RICHARD V.
 MARKLE, JAMES K.
 MARQUES, MARYANN M.
 MARQUEZ, GABRIEL
 MARQUEZ, RYAN R.
 MARTIN, CESAR O.
 MARTINEZ, ARNOLD R.
 MARTINEZ, MARITES S.
 MARTINEZ, RONALD O.
 MARTINEZ, Jr., ROBERT SERGIO
 MARTINEZBURRUEL, ANTONIO E.
 MASON, DOUGLAS R.
 MASSEY, JUSTIN T.
 MASSEY, SAVANNA M.
 MASTASCUSO, JAIME L.

MATA, JAIME J.
 MATEO, ROWELL B.
 MATIASURZUA, MARIO E.
 MAURICE, KEITH J.
 MAYO, STEPHEN M.
 McADAMS, DAVID W.
 McBEAN, GAUNTLETT
 McCALESTER, GREGORY C.
 McCAUGHEY, MARK V.
 McCLELLAN, DAVID M.
 McCORMICK, JOHN P.
 McELFRESH, CHRISTOPHER T.
 McELHENY, DONALD R.
 McEWAN, MICHAEL D.
 McINTYRE, ROGAN W.
 McMANIS, LEMOYNE W.
 McSWEENEY, SHAWN M.
 MEACHAM, SCOTT A.
 MEDINA, ALDO B.
 MEDINA, LORENZO A.
 MEDLEY, Jr., RICHARD L.
 MEEKS, DUSTIN
 MEJIA, ALEXANDER
 MEJIA, MIKE
 MENCKE, SUNSHINE
 MENDIOLA, JERRY C.
 MENDOZA, LAUREL L.
 MENDOZA, MODESTO P.
 MERCADO, JOSE
 MERCADO, ROLANDO P.
 MEYER, MARK ALWAY
 MILLER, DAVID C.
 MILLER, DENTON J.
 MILLER, LEWIS J.
 MILLER, PATRICK M.
 MILLER, STEVEN W.
 MILLS, Jr., RICHARD G.
 MINEIO, JASON D.
 MINNICK, MATTHEW J.
 MIRANDA, LUIS B.
 MIRANDA, Jr., ALBERTO N.
 MISLIVEC, PATRICK J.
 MITCHELL, BRYANT T.
 MOELLER, DAVID L.
 MOHYI, WALTER K.
 MOKE, ROYCE D.
 MONDARES, MAXIMO G.
 MONTES de OCA-DOURAL, ANDRES
 MONTES, DOMINIQ O.
 MONTES, GINGER C.
 MONZON, DENNIS M.
 MONZON, EFREN M.
 MONZON, MARIO M.
 MOON, ERIC E.
 MOORE, JONATHAN T.
 MOORE, TIMOTHY B.
 MOORE, TOMMY W.
 MORALEJA, CARL PATRICK AGUILA
 MORAN, WALTER V.
 MORENO, RUBEN S.
 MORGAN, CARTER C.
 MORRIS, CHARLES E.
 MORTON, ARTHUR L.
 MOTEN, RONALD E.
 MOWERY, JOHN R.
 MOYA, NICOLAS
 MOYE, DEVILIN L.
 MULTERER, RYAN L.
 MUNDWILLER, SARAH K.
 MUNNOCH, JOHN B.
 MURPHY, JAMES A.
 MURRAY, PATRICK J.
 NABORS, JASON A.
 NACKER, GEORGE J.
 NADEAU, MICHAEL V.
 NEAL, TERESA L.
 NEGRETE, PETE G.
 NELSON, GARY S.
 NEWELL, DANIEL L.

NEWTON, GUY E.
 NGO, ANTHONY H.
 NGUYEN, ANN
 NGUYEN, DENNY
 NGUYEN, LOI
 NGUYEN, RYAN
 NGUYEN, STEVE H.
 NGUYEN, TUAN H.
 NICOLAS, ESTEBAN F.
 NICOLOFF, LOUISE T.
 NIEBISCH, JOHN
 NIVER, KAREN L.
 NOBLIN, JAY D.
 NORMAN, DENNIS L.
 NORTON, JEFFREY S.
 NUNO, Jr., VIDAL E.
 ODELL, BRUCE A.
 OKANO, DAVID N.
 OKERMAN, JESSICA M.
 OLBES, SALVADOR E.
 O'LEARY, SEAN P.
 OLSON, THOMAS J.
 ONG, TONY C.
 ONGTAWCO, TERENCE
 ORDILLAS, JOSE F.
 ORLOWSKI, JOHN
 OVALLE, PRIMITIVO
 OVANDO, XAVIER
 OXLEY, ROBERT J.
 PADILLA, JESUS G.
 PADILLA, JOSE G.
 PAIGE, DENNIS J.
 PALEK, ANDREW E.
 PALMA, NATALIA M.
 PANGILINAN, JOSELITO L.
 PANGILINAN, RONALD D.
 PARADA, GREGORY S.
 PARAISO, ANDRES M.
 PAREDES, SHANE A.
 PASSERRELLI, KENNETH D.
 PATAO, RICHARD L.
 PATEL, GHANSHYAM B.
 PATTERSON, CLIFFORD W.
 PAUS, ERLEEN S.
 PAYNE, JASON M.
 PAYTE, ROBERTO A.
 PEACOCK, ERIC D.
 PEAIRS, JOHN H.
 PEARSON, DAVID A.
 PEDRENA, NARCISA S.
 PELAYO, MARK S.
 PENA, REYNALDO M.
 PENDLETON, MATTHEW J.
 PENN, MEGAN L.
 PENNINGTON, NEIL.
 PERANTEAU, GEORGE S.
 PEREIRA, GLENN A.
 PEREZ, CHRISTOPHER G.
 PEREZ, JERI Y.
 PEREZ, PETE
 PEREZ-PREVE, MANUEL
 PERKO, DAVID L.
 PETERSON, HAROLD T.
 PETTIT, DERRICK P.
 PFEIFFER, RICHARD C.
 PHAM, DUNG Q.
 PHAM, ERIC
 PHAM, JAMES M.
 PHAM, LOC D.
 PHAN, THOMAS
 PHAN, TONY L.
 PICKLESIMON, ROBERT J.
 PINTOR, JOSE A.
 PISIONA, PARRIS J.
 PIZARRO, RUSTICO E.
 PLALE, DANIEL L.
 PLEDGER, VICTOR S.
 POLK, KAREN N.
 PORRAS, RUBEN A.

PORTER, KEVIN S.
 POWANDA, JOHN R.
 POWELL, DAMIEN L.
 POWELL, TONY MAURICE
 POYAOAN, VICTORINO D.
 PRADO, TROY M.
 PRICE, CURTIS A.
 PRICE, JASON A.
 PRICE, RICHARD D.
 PRINCE, JOHN M.
 PROPHETE, GASTON
 PUGEDA, ROBERT BUHAIN
 PUTERBAUGH, MARTIN A.
 PUTNAM, JASON D.
 QAMAR, AIJAZ M.
 QUACH, VICKY O.
 QUELLA, DWIGHT D.
 QUIAMBAO, LUIS L.
 QUIJENCIO, LILIBETH A.
 QUINENE, JOSE M.
 RABUN, MATTHEW J.
 RAINES, MARK D.
 RAINS, AARON E.
 RAMBA, JONATHAN C.
 RAMIREZ, EDMUNDO B.
 RAMIREZ, FRANK A.
 RAMIREZ, RICHARD M.
 RAMOS, CESAR G.
 RASP, EDWARD M.
 RAYLE, SERGIO M.
 REED, JOHNNY WILBUR
 REED, TAMMY R.
 REEVES, JERRIELL R.
 REMINGTON, JAMES W.
 RESCHKE, PAUL J.
 REYES, EDUARDO C.
 REYES, ELEAZAR D.
 REYES, FRANCISCO J.
 REYES, MARCELINO D.
 REYES, ROBERTO B.
 REYES, SONNY A.
 REYNOLDS, TERRI L.
 RHODES, ROLAND D.
 RICCI, REX J.
 RICE, GARY J.
 RICHARDSON, RUTH M.
 RIOS, FRANCISCO
 RIOS, RENE E.
 RIVERA, JOSHUA A.
 ROBERSON, ED D.
 ROBERTS, TREVOR M.
 ROBINSON, MICHAEL J.
 ROBLES, ALBERT A.
 ROBLES, BENJAMIN B.
 RODEBAUGH, PERRY E.
 RODR, DEBRA ANN
 RODRIGUES, JOHN H.
 RODRIGUEZ, EDUARDO
 RODRIGUEZ, MOISES S.
 ROJAS, Jr., RICHARD A.
 ROMANOS, JUAN R.
 ROOT, CHRISTOPHER B.
 ROSS, WILLIAM A.
 ROSS III, HAROLD F.
 RUBY, BRANDON K.
 RUSSELL, MONA L.
 SALAZAR, ARMANDO D.
 SALCIDO, ANEL
 SANARES, Jr., DANNY I.
 SANCHEZ, CHARLES D.
 SANCHEZ, HILDA N.
 SANCHEZ, JERRY L.
 SANDOVAL, CHRISTINA
 SANDOVAL, ROGELIO R.
 SANTAMARIA, GRISELDA C.
 SANTILLANO, JESUS
 SANTOS, BENITO R.
 SANTOS, DENNIS C.
 SANTOS, JOHN E.

Awards

Applause

SANTOS, RICARDO M.
 SAPIEN, LUCIA
 SAPINOSO, NOLY S.
 SARDINA, ANTHONY J.
 SAWKA, JOHN M.
 SCHIAZZA, MICHAEL J.
 SCHIAZZA, NIKA JANET
 SCHIFFNER, DAVID M.
 SCHILE, SCOTT R.
 SCHNEEBERGER IV, FREDERIC C.
 SCHNERERGER, RICHARD L.
 SCHOMAKER, JAKE J.
 SCHROPE, JAMES R.
 SCHULTZ, JERRY F.
 SCHULTZE, MICHAEL GLENN
 SCHUPP, CLAUDIA
 SCHUPP, TIMOTHY E.
 SCOTT, DEAN E.
 SELLERS, PAMELA D.
 SELLERS, TRAVIS S.
 SERRANO, ANGELITO ANDRES
 SERRANO, EDUARDO R.
 SEVILLA, JORGE A.
 SEXTON, ARLENE M W.
 SHANK, VANESSA
 SHEA, MICHAEL K.
 SHELTON, MARK D.
 SHORT, STEPHEN K.
 SHOTT, KRISTIN R.
 SHUMPERT, ANTWAN M.
 SIERRA, POLICARPIO R.
 SIMERMEYER, AMANDA L.
 SIMMS, KYLE C.
 SIMMS, MOSES GENE
 SIMO, MARY A.
 SIMON, JAMES R.
 SIPES, DENZEL L.
 SLUDER, ROBIN L.
 SMITH, CHARLES J.
 SMITH, EDWARD M.
 SMITH, JACQUELINE A.
 SMITH, MICHAEL J.
 SMITH, ROBERT S.
 SMITH, ROGER D.
 SMITH, THOMAS, E.
 SOHL, JOHN J.
 SOMERVILLE, GALILEO L.
 SORIANO, EDWIN P.
 STANFIELD, ROBERT G.
 STANSALL III, JACK R.
 STATHAM, DAVID A.
 STAUFFER, PAULA B.
 STENSLAND, ROGER S.
 STEPHENSON, LAWRENCE E.
 STORM, TARA D.

STROUD, Jr., WILLIE
 STURM, CHRISTOPHER J.
 SUAREZ, KEVIN
 SUAREZ, Jr., ANTONIO
 SUAZO, JEFFREY A.
 SULLIVAN, MICHAEL L.
 SUMABAT, RUEL S.
 SUTTON, DAVID LEE
 TAGULAO, DENNIS S.
 TAITANO, MELANIE R.
 TAJIMA, MICHAEL D.
 TALTON, MICHAEL
 TAN, DANIEL T.
 TANNAROME, JOSEPH A.
 TANTOCO, PEPITO V.
 TAYA, ARNALDO N.
 TAYAG, EDGARDO S.
 TERBEEK, EHREN M.
 TERRONES, RUBEN J.
 THAI, KHAM V.
 THAI, TIM
 THAIDIGSMAN, MARK H.
 THIBEDAU, WILLIAM P.
 THOMAS, DOMINIQUE R.
 THOMAS, JAMES C.
 THOMAS, Jr., STEVEN J.
 THOMPSON, GARY C.
 THOMPSON, GARY T.
 THOMPSON, KEVIN E.
 THRONBURG, Jr., LENARD E.
 TIMOTHY, BRIANNA S.
 TINSLEY, SUSAN MARIE
 TITMAS, ROBERT G.
 TOLEDO, ARTHUR R.
 TOLEDO, PAUL R.
 TOM, MATTHEW R.
 TOMAS, MICHAEL E.
 TONNU, QUYEN Q.
 TORRES, JORGE L.
 TORRES, JOSE M.
 TORRES, MIGUEL A.
 TORRES, TEODORO A.
 TOTH, THOMAS C.
 TRAN, ROGER K.
 TRAN, SUSAN
 TRAN, TAN N.
 TRAN, THIEN C.
 TRAN, TRUCE T.
 TREVINO, MARK A.
 TRIENTA, ARNOLD
 TRIGLIA, DAVID C.
 TRINIDAD, RICARDO CRUZ
 TROUT, BRIAN M.
 TRUONG, JAIME THAI
 TRUONG, TIM

TUMBAGA, BENJAMIN A.
 TUNGCAB, ALBERTO S.
 TURNER, DANIEL
 TURNER, DENNIS K.
 UZZELL, TODD H.
 VALADEZ, LARRY O.
 VALDEZ, JUANA A.
 VALDIVIA, CESAR A.
 VALDIVIESO, EVITA N.
 VALENZUELA, CHARLES L.
 VALLADARES, WALTER GERHARD F.
 VELUNTA, RENATO D.
 VENTURA, JAMES ALLEN
 VEZZANI, MARK E.
 VIALPANDO, ERNIE M.
 VIANNA, MANUEL E.
 VILLAFUERTE, JOSE P.
 VILLAGOMEZ, JACOB JESSE
 VILLAGOMEZ, MARIA E.
 VILLENA, SHERI MARTOS
 VINSON, BARRY L.
 VIVAR, VON AARON A.
 VO, JOHN V.
 VO, QUANG M.
 VU, VUONG H.
 VUE, JOHNNY C.
 WALKER, CHRISTOPHER E.
 WALKLEY, JAMES T.
 WALLER, RONALD D.
 WALSTON, DAVID A.
 WARBURTON, DEBORAH A.
 WATKINS, MARK E.
 WATSON, AVALON
 WEBB, MICHELLE M.
 WEINTRAUB, PETER
 WEINTRAUB, SHAWANDA S.
 WEISSBART, AARON J.
 WELDY, CHARLES J.
 WERTH, PHILIP W.
 WEST, RICHARD W.
 WHEELER, STEVEN J.
 WHITE, AMY M.
 WHITE, KEITH D.
 WHITE II, PAUL R.
 WHITED, EDWARD L.
 WIEMKEN, BRIAN J.
 WILLIAMS, BRANDON L.
 WILLIAMS, GARY G.
 WILLIAMS, HAROLD.
 WILLIAMS, JESSE D.
 WILLIAMS, MATTHEW C.
 WILLIAMS, ROMELIA M.
 WILLIAMS, SAMMIE L.
 WILLIAMS, SONDR A.
 WILLIAMSON, SHARON A.

WILLSON, DAMON G.
 WILSON, KENNETH E.
 WINKELMAN, SETH E.
 WINNE, WILLIAM J.
 WIRSTROM, BRANDT P.
 WOLL, BRUCE R.
 WOODS, TIMOTHY R.
 WOODWARD, EDWARD C.
 WOOLDRIDGE, WILLIAM N.
 WORKMAN, LAURA A.
 WRAY, MICHAEL C.
 WRIGHT III, JOSEPH D.
 XAYASOUK, BOUN
 YANG, JUNG H.
 YAO, JOHN
 YAWN, MICHAEL W.
 YEE, DAVID K.
 YEH, JIMMY C.
 YODONIS, JEFFREY AARON
 YON, JUSTIN E.
 YOUNCE, DENZIL L.
 YOUNG, CASSANDRA D.
 YOUNG, EDUARDO A.
 YU, LOC P.
 YUZON, JOSEPH G.
 ZABLOCKI, ANDREW M.
 ZELAYA, ANTONIO HERMAN
 ZIEGLER III, RALPH C.
 ZULIM, GREG J.

Time Off Award

ALFASY, JOSHUA A.
 CORTEZ, MAGNOLIA LOVE
 FANG, CHU J.
 FREEDMAN, JEFFREY P.
 HILL, DONALD W.
 JORDAN, RACHEL M.
 MESQUITA, FILIPE DABELL
 PETE, Jr., MICHAEL D.
 YEH, JIMMY C.

On The Spot Award

MUNSON, TANNER D.
 ZAPATA, CHARLES R.



Fair Winds, Mr. Meeks!

Fleet Readiness Center Southwest (FRCSW) Commanding Officer Capt. Timothy Pfannenstein presents FRCSW sheet metal mechanic Robie Meeks with a framed edition of the command's magazine, Almanac, which featured a story on Mr. Meeks' life in December 2010. A veteran of World War II and the Korean War, Meeks spent more than 70 years of combined active and civil service duty working on U.S. military aircraft. After 43 years at FRCSW, he retired Nov. 6 at the age of 90 in a ceremony held at the command's E-2/C-2 hangar where he worked for the past 11 years.

Photo by Scott Janes



USS *William P. Lawrence* (DDG 110) transits the Pacific Ocean as part of the Great Green Fleet in the U.S. 3rd Fleet area of operations on a regularly scheduled Western Pacific deployment. *Photo by MC3 Andre T. Richard*