



## Depot maintenance work requirement (DMWR) verification for T55 engine

by Nieves (Monty) Montalvo



The first 714A engine undergoing the DMWR verification is shown in photo above being readied for the test process. After disassembly and reassembly in accordance with the DMWR, the engine will undergo the test process. Shown in photo above (left to right, clockwise) are: John Newman with Lockheed-Martin; John Sims, and Gary Huenink, with the cargo helicopter program manager's office, Huntsville, Ala., Wesley Cass, AMCOM engineering, Adrian Sosa, CCAD engine test cell operator, and Nieves Montalvo, CCAD lead equipment specialist, who are participating in the verification.

The “hands on” effort on the DMWR manual for the T55-GA-714A engine, which began on Feb. 28th is going strong with the first 714A now in the test phase. The 714A engine will replace the T55-L712 in the CH-47 D and F models.

The verification process ensures that all procedures are clearly defined and began with preplanning by CCAD, the Integrated Materiel Management Center (IMMC), U.S. Army Aviation and Missile Command (AMCOM) and Honeywell Corp. last year. The depot’s involvement included scrubbing the draft DMWR, and verifying figures, part numbers, processes, procedures, and standard practices. CCAD review of the manual, which consists of work packages contain-

ing procedures for each individual engine part, was accomplished by Rudy Kintana, T55 engine team member and Nieves Montalvo, T55 lead equipment specialist. The manual was also reviewed by principal work centers (those that will be impacted the most) for feedback on the procedures pertaining to their shops. Subject matter experts, including the mechanics that will perform the actual work, were involved in verifying procedures, tests, special tools and slings required, in work packages applicable to their shop.

After a page-by-page scrub, the DMWR was forwarded to IMMC with corrections for review prior to final verification at CCAD.

*(See “DMWR” continued on page 6)*

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**CCAD Bone Marrow Drive**  
**1030 - 1230**  
**October 23, 2003**  
**Location: Building 8,**  
**Don Luce Lobby**  
**POC: Veronica Perez, x1-2731**

## CCAD Wellness Center to observe Red Ribbon Week

by Juandalynn Givhan  
CCAD Wellness Center

October 23-31 has been designated as 2003 National Red Ribbon Week. Although the primary focus of this school and community-based campaign is prevention of substance use and abuse among our youth, it is an opportunity for all who are impacted by substance abuse, whether involving illegal drugs or prescription medication, to identify and seek assistance from available resources.

During this week of observance school systems across the nation provide activities for students that encourage drug use resistance through education and the on-going development of personal self-esteem. Many of these activities offer parents additional opportunity to talk with their children about

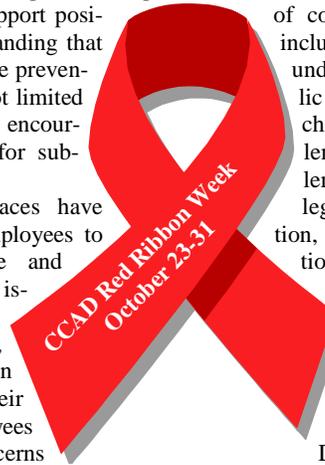


substance abuse and participate in year-round events that support positive life choices. Understanding that addressing substance abuse prevention and intervention is not limited to children, adults are also encouraged to seek assistance for substance abuse issues.

Many work places have resources available to employees to address substance abuse and other life circumstance issues. The employee assistance program (EAP) is an excellent, confidential resource for evaluation and referral for employees and their family members. CCAD employees who have substance abuse concerns may refer to the EAP without fear of adverse disciplinary action. The Wellness Center supports and encourages self-referrals to address these issues towards prevention of

potential associated negative consequences of continued use which may include charges of driving under the influence and public intoxication, spouse and child abuse, marital problems, work-related problems, financial problems, legal problems, incarceration, etc. Remember, prevention is key.

The CCAD Wellness Center will be distributing red ribbons to the workforce via the directorate offices to commemorate DoD and CCAD's observance of Red Ribbon Week 27-29 Oct. Substance abuse information pamphlets, videos, and referral material are always available at the Wellness Center.



A new five-year motor pool operations and management contract has been awarded to ICI, Limited Liability Corp. and their subcontractor, TECOM, Inc. The contract went into effect on Oct. 1 and provides reliable, high-quality management services in the area of BASOPS to include motor pool operations and warehouse/logistics, engineering, program management, and information technology. ICI, LLC is a small/disadvantaged business (SDB), HUBZone certified, and veteran-owned company that employs over 150 personnel. The contract provides routinely scheduled maintenance and unscheduled repairs of materiel handling equipment such as forklifts, scooters, and tow tugs; dispatch of GSA and VIP vehicles; corrosion control/preventative maintenance on 3400 pieces of ground support equipment (GSE); tracking by the use of radio frequency tags, and delivery of GSE to CCAD customers; a contractor-operated parts store, and vehicle operator training, testing and licensing. Debbie Klaus, CCAD COR for motor pool operations (l), is shown with the new CCAD motor pool project officer, Preston (Robby) Robinson, standing in front of one of the 12 new Taylor Dunn tow-masters just received at the CCAD motor pool.



Col. Jim Budney, CCAD commander, joined his CCAD 2003-2004 Combined Federal Campaign (CFC) team for the painting of the campaign goal thermometer to bring it to the 60% mark reached in late September. At present, with two more weeks left in the campaign, we have reached the 90% mark with contributions from only 40% of the CCAD workforce. To date, CCAD has had 17 Eagle level contributors. Shown in the photo above are the CFC team (l-r) Lalo Reyna, CCAD loaned executive, Milton Forge, Lina Pena, Ruben Martinez, Olga Herrera, Carolyn Meyers, Del Carreon, Cynthia Holmes, Helen Hernandez, Budney, Val De Los Santos, David Davila, Dwight Martin, and Johnny Villarreal. Anyone wishing to contribute may contact Reyna or the Public Affairs Office. Let's finish off the campaign with CCAD once again as the contributions leader in the Coastal Bend.



Joining the ranks of the CCAD retirees, Margaret Moreno (l), and Lupe Valdez (c), from the directorate of resource management, accept congratulations from CCAD chief of staff Larry R. Jobe (r), in the CCAD Headquarters front lobby. The two are seen holding clearance papers to complete their retirement processing. Moreno retired with over 30 years of service and Valdez with over 25 years of service.



Pete Barrientes (at left in photos above), chief, engine induction/final sell and T55 assembly division, presented on-the-spot awards to employees in the PSA/REC E & E Disassembly Branch. (*Above left:*) Cynthia Platz was recognized for voluntarily assuming the duties of lead records clerk along with her regular duties as aircraft data technician. Platz took the initiative to determine what needed to be done and displayed ingenuity in anticipating and meeting unexpected situations with minimum supervision. (*Above center:*) Michael U. Salvagno was recognized for his willingness to share his knowledge, training and work experience to compile, compete and process the documents for a smoother implementation of the Lean initiative in the PSA/REC E & E Disassembly Branch. (*Above right:*) Roberto S. Saenz was recognized for his willingness to assume the duties and responsibilities and for excelling in accomplishing the duties as work leader and alternate supervisor in the PSA/records E & E Disassembly Branch along with his regular duties as aircraft engine mechanic examiner.



Art Martinez (*in yellow in photos above*), chief, T700 engine division, presented on-the-spot awards to (*top row left*) Ronald DeLeon, T700 subassembly branch, for his "can do" attitude while acting supervisor of the T700 compressor branch, which led to the shop exceeding production of compressor rotors. employees in the PSA/REC E & E Disassembly Branch. (*top row center:*) Jeremiah DeLeon, T700 subassembly branch, was recognized for his willingness to accept cross training opportunities while accomplishing all required tasks, even those above his present grade, and for proficiency in operation and calibration of the Zeiss precision measuring equipment. (*top row right:*) Roy Flores, T700 subassembly branch, is commended for striving to exceed production schedules on the gearbox by two months, working independently, setting production priorities with minimal supervision. (*2<sup>nd</sup> row left:*) Alma Veard, T700 compressor branch, was commended for meeting the challenge to exceed the average per month quantity on compressor rotors. (*Above right:*) Noe Garza, T700 subassembly branch, received his 15-year certificate and pin. Also receiving awards but unavailable for photos were: Courtney Bennett and Richard Griffin.



Col. Jim Budney, CCAD commander, presented length of service certificates and pins at a recent staff call to (l-r): Diane Fjeldahl - 35 years; Rosemary Rodriguez – 35 years; and Tammy Tuttle – 25 years. All three employees are with the directorate of production management.



The CCAD Big Doggz team has once again garnered the MWR Fall Softball Championship by outscoring the VT-28 Boomers. Team members included: (front row, l-r:) Oscar Trevino, Danny Mora, Joe Contreras, Alex Munoz, Lance Cpl. Tasha Creer, USMC, Roy Rocha, Louie Zamora; (back row, l-r:) Bobby Almaraz, Doug Drewery, Ben Huff, Bobby Steinocher, Ed Williams, Mike Esparza, Clarence Milligan, Mike Riggins, and Greg Johnson, coach.



Part of the CCAD family includes father and daughter Don Ybanez, test cell operator in directorate of engine production, who has been with CCAD since 1968, and Julie Ybanez-Huerta, a member of the Jan. 03 aircraft engine mechanic co-op program.

**CORPUS CHRISTI ARMY DEPOT**  
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Tommy Trevino was selected as chief of the equipment engineering and maintenance division, in the Corpus Christi Army Depot directorate of engineering services. Trevino's new responsibilities as division chief include the production engineering, project design and development, preventive maintenance, repair, overhaul and/or rebuild and installation of production equipment at the depot.



Trevino began his civil service career with the public works department at Naval Air Station-Corpus Christi in 1964 and transferred to the Army Aeronautical Depot Maintenance Center (ARADMAC), now known as CCAD in 1965.

Trevino, a graduate of William Adams High School in Alice, attended Del Mar College in Corpus Christi. He trained as an Amphibious Duck mechanic while serving with the U.S. Army Reserve from 1957 to 1964.

Trevino has been awarded the Commander's Award for Civilian Service and has received two Sustained Superior Performance Awards along with numerous Exceptional Performance Appraisals and Letters of Appreciation from former CCAD Commanders.

A picture of an armadillo which has been painted over the centerline striping by a road crew with the phrase "It Ain't My Job" inscribed at the bottom hangs in his office as a reminder to employees that whatever it is, taking an extra step above and beyond your normal job can be the difference between success and failure.

Trevino and his wife, Elisa reside in Corpus Christi and have three sons and five grandchildren.

## Many players in DMWR verification

(*"DMWR" continued from page 1*)



Members of the T55-GA-714 engine DMWR verification team look on as (sitting, front to rear) Ken Dunlevy and Mark Breeding, CCAD test cell operators, run the controls at engine test cell #9. Team members included Fred Hobbs with Honeywell Corp. (partially seen sitting next to Breeding), and (standing, from back to front) Terry Beck, CCAD equipment engineering branch; John Newman with Lockheed-Martin, Delmon McClellan, CCAD engine QC test cell; Gary Huenink and John Sims, CH-PMO; and Stan Bond, CCAD equipment engineering branch.

The DMWR verification involved the following shops that performed respective tasks:

- Depreservation shop -unpacked T55GA714A engine
- Engine process support shop - provided the scheduling and work processes
- Engine disassembly/PSA - followed disassembly procedure in work package 5
- T55 engine assembly - verified work packages and reassembled the engine
- Fuel control/quality control (QC) shop – verified and tested fuel components
- Avionics shop - verified electrical components
- Instrument shop - verified torque meter kit components
- Tubing shop - verified all the hoses and procedures
- Machine shop/QC personnel - verified dimensional checks on components
- Plating shop - plated actuator bracket
- Engine NDT shop - verified new components (i.e., thermal barrier coated nozzles, cylinders, etc.)
- Welding shop - welded actuator bracket
- Metal shop - verified metal spray fixtures/procedures on new components
- Bearing shop - processed bearings
- Engine test cell - verified the test cell run of correlation engine and DMWR engine
- Engine QC - assisted in the DMWR review
- Tooling/engineering – assisted/received all new tooling required for overhaul of engine
- Engine test cell production automation - assisted in the test cell runs
- Chemical lab - performed analysis on failed components and provided input on cad plating procedures
- Engine production control - assisted in the verification by obtaining needed consumables

This is one of many success stories involving teamwork between CCAD workers and CCAD contract personnel.