



# Aviation Logistics Center The Flyer

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## Gone But Never Forgotten



AET1 Luiz Felipe Leal

## CMC Message

Well, we made it to spring with only 2 actual days of winter in the books (so far anyway)! I wanted to take this time to share some cool resources that I recently discovered. The first is an amazing Navy MWR site that is packed full of FREE resources, including free downloadable music, ebooks, audio books, videos, genealogy search engine, Chilton manuals, DIY legal forms, and so, SO much more. The link is here: <https://www.navymwr.digitallibrary.org> be sure to check it out (you will need to create an account which is also free)! Next, I wanted to mention that there are several college scholarships available for your spouse and dependents, from the CG Foundation, The Coast Guard Exchange, and many more, now is the time to apply. Finally, I'd like to say that I have never been more impressed by a community of people in my life. We have endured some difficult times over the past few months, and I have never seen people come together like you have with support, help, and caring when someone is grieving or is in need. Thank you for everything you do, and for making this the best place to come to work, every day.

# ALC Advisory Council

## Our Goal

To provide recommendations and solutions to the Executive Steering Committee on issues affecting the enterprise in order to achieve the ALC strategic vision and Aeronautical Engineering (CG-41) program mandates. Membership is composed of a diverse group from across the command offering innovative advice and dynamic perspectives.

## Visit our Site on the CG Portal for:

Complete list of Contractor Companies

NEW Exit Survey

ALC Selection Panel Guide

Links to USA Jobs

ALC FAQ Section

Command Questions

Galley and Hanger Menus

MWR

AND MANY MORE!

**Suggestion boxes in every break room!  
Give us your ideas and suggestions!**



## Agents of Change: Mission Ready



As we continue to train our workforce in the principles and tools of Lean and Continuous Process Improvement, we are building a network of embedded 'Agents of Change'. Armed with an understanding of Lean, these agents are the eyes and ears of the organization. When problems arise in a shop or on the PDM line, we have a growing number of workers that are able to recognize those issues and provide suggestions to address them. We frequently see examples where these agents are making changes and improving their world of work by using what they've learned in our 2-Day CPI classes. Simple ideas can lead to meaningful changes with the application of these basic tenets of Lean: Understanding the 8 Deadly Wastes, the 10 Commandments of Lean, Theory of Constraints, Workload Balancing and Pull, along with tools such as 5S – a systematic process for organizing a work space, and Value Stream Mapping. This last quarter, in December, we had a great turnout for our ALC 2-Day CPI Training. We had 23 attendees take part in the training, learning about Lean, seeing examples of Lean from across ALC and our Air Stations, and participating in a series of fun and interactive hands-on simulations designed to drive home the lessons learned throughout the course. If you're looking for guidance to address a sub-optimal process in your work area, consider reaching out to one of these

'Mission Ready' Agents of Change: From IOD - Joe Sump, Ben Gurganus, Robert Herman, Daniel Knelsly, Delilah Montfort, Kevin Crutch, Joseph Moxley, Jeremy Adams, or James Kittles; from MRR – Jeremiah Shue, Robert Campbell, Jeffrey Barefoot, Matthew Martini-Calabrese, Penny Elmore, Bruce Skrletts, or David Bennett; from ESD – PO Fathi Abu-Zarah, PO Sean Whitten, or Mike Sutton; from BOD – Brian Barker; from SRR – William Sawyer; and from LRS – Rod Sershen.

# Aviation Logistics Center's Closed Circuit Television (CCTV) System



“Ms. Camie Proctor works on the ISD CCTV system within ISD’s Server Room”.

As possibly noted during the live broadcast of the Commandant’s State of the Coast Guard Speech in February the Aviation Logistics Center’s Closed-Circuit Television (CCTV) system is up and operational! This system, installed by the Information Systems Division’s (ISD) Network Engineer and Client Services, provides information distribution throughout the ALC campus via a network of connected televisions – all linked through a server located in Building 63. Divisional data can be passed based on building location which will enable the Command, Support Divisions, and Product Lines to push unique information to their teams or the entire unit based on addressing controlled within ISD. A detailed instruction is being developed to establish easy presentation templates for division administrators and leaders to build-out which then can be forwarded to ISD’s Help Desk to “publish” on the CCTV. We’ve also brainstormed templates for quick information pushes such as impending weather or emergencies. To make this work we need to ensure we leave all the televisions on and the volumes adjusted correctly – so please help to ensure we keep this information tool up and operational by letting the ISD Help Desk know of any issue. ISD looks forward to continuing to refine the use of this system through your good ideas and support!

# Remove The Two Pip-Pins

That's just how easy it should be for the technicians to remove the C-27 radome during PDM. Past experience has proven this "routine" task to be one of the most unpopular and dreaded jobs on the Spartan. The AMM actually says "while two personnel are holding the radome, remove the two pip-pins which hold the radome hinge to the body of the aircraft" and cautions against the radome falling while removing the pip-pins. Well after too many sore backs, and in one case, two days of fighting with the radome an engineering intervention was requested. MRS Engineering was asked to devise an actual way to hold/support the large odd shape and delicate radome. Oddly enough this is one of the few components which does not have a special sling, harness or dolly from the OEM as support equipment.



Within days, MRS engineering had crafted a proof of concept for evaluation. After declaring the design a success, it was submitted for a formal ALC tool development. PDM planners adjusted tasks while tech's eagerly awaited completion and delivery of the new C-27 Radome Hoist Fixture. On 02-18-20, the Form Fit Function was satisfied and the new tool was enrolled in ATICTS and made available for check-out as needed. Although the new tool did not make removal of the hidden pip-pins any easier, it did provide a means to safely hold/support the radome while the pip-pins are being removed or installed which is the most difficult and tasking part of this "simple" job.

Thanks again to all of the shops involved!

# SRR Innovation

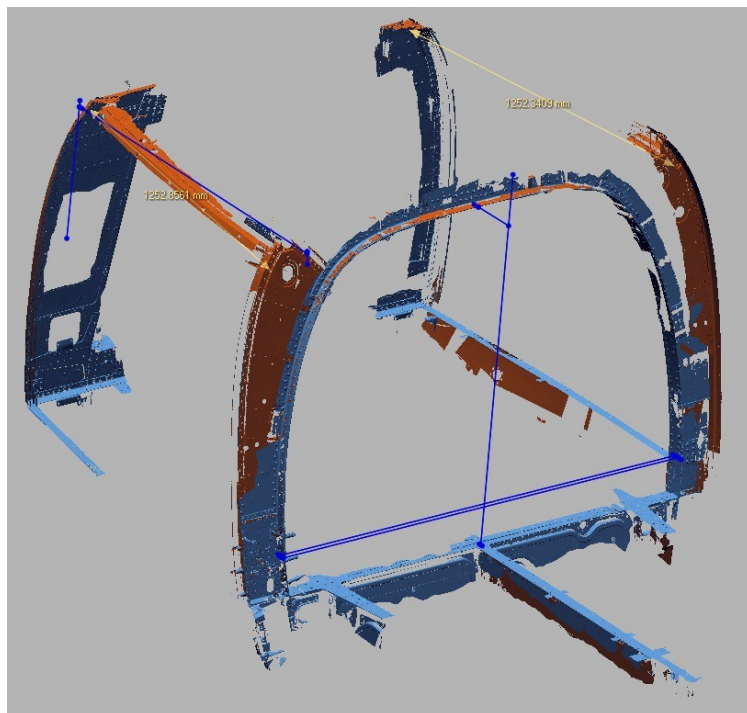


AMT1 Hansen using the FARO Quantum Arm to 3D to scan a recently replaced Nine Degree Frame on CGNR 6522.

SRR recently purchased the license to the Geomagic Design X™ to enhance the product line's ability to provide accurate measurements and verification activities. Geomagic is the industry's most comprehensive reverse engineering software and combines the history based computer based design (CAD) with 3D scan data processing so SRR is able to create feature based, editable solid models that can be used with all existing CAD software. With the requirement to replace MH-65 Nine Degree Frame due to service life limit being reached, SRR and Airbus partnered to validate the installation process of the redesigned frame. Mr. Edouard Henninger and AMT1 Hansen completed a 3D scan model of the nine degree frame, lower mount fittings, Main Gearbox deck, and STA 4630 with an accuracy down to the 1/1000th of a millimeter.

This scan was able to help define deficiencies in the first article frame provided by Airbus and allowed for the Coast Guard to categorize a list of non-conformance components. Armed with this 3D data, the Coast Guard was able to provide detailed documentation during the rejection process to Airbus.

SRR will continue to map out the Nine Degree Frames on its first 10 Echo model inductions to provide historical data for future aircraft modifications.



Full Nine Degree Frame and 4630 Scan for Installation verification on GCNR 6522.

# Supervisors of Civilians Tier II

ALC is pleased to announce that we are hosting the Supervisors of Civilians Tier II (502799) Training again this year. Here is an overview of the training:

Supervisors of Civilians Tier II (resident) (502799)

## About the Program

Completion of this course satisfies OPM's 5 CFR § 412 requirement for executive, management, and supervisory development. This 5 day exportable course is designed to provide training to newly hired/promoted civilian and military supervisors of USCG civilian personnel. The course material is created to introduce each new supervisor to topics and requirements that they are required to know based upon their new position as a supervisor of civilian personnel.

## Participant Objectives/Lessons

1. Course Introduction
2. Purpose of a Supervisory Leader
3. Risk Management
4. Communication
5. Team Building
6. Poor Performers/Coaching
7. Conflict Management
8. Delegation
9. Stress and Decision Making



## Eligibility

This class is for newly hired/promoted civilian and military supervisors of USCG civilian personnel. Newly appointed supervisors will have priority, however experienced supervisors and managers may also attend. Completion of "Supervisor of Civilians Tier II" fulfills the 24-hour classroom instruction requirement for "Fundamentals of DHS Leadership" (DHS requirement for all new supervisors).

Although recommended, it is not required that members complete "Supervisor of Civilians, Tier I" online course (502197), in order to register and take Tier II training. Tier I is accessible via LMS [elearning.uscg.mil](http://elearning.uscg.mil) under Leadership/Management/Communications Courses. . Training is scheduled for April 13-17, 2020 in HMF 2 Training Room 5 from 8:30 am to 4:30 pm daily.

# Warehouse Shelving Project



As the saying goes, “out with the old and in with the new”. This is what’s happening in the A, B and F sections of the Bldg. 63 Warehouse. The shelving in these sections are at least 30 years old, if not the original shelving installed when the warehouse was built in 1963. The shelving has seen its better days with the majority of the ends damaged due to being hit with materiel handling equipment over the years. Last September a contract was awarded to perform the task of replacing the shelving. Work began on January 13, 2020 to tear down the old shelving 2 rows at a time and install the new shelving. It’s anticipated that the work will be completed by the end of March 2020, barring any unforeseen circumstances. The vendor has 5 employees working 5 days a week on the project. In addition there are 6 ALC warehouse workers removing inventory from shelving being taken down, moving it to a temporary location, and putting the inventory back into the new shelving. All of this is being done without any degradation of service of issuing inventory to our customers. While this is a time consuming process, ALC will be left with safe, load-rated shelving that will serve us for many years to come.



## WMS Travel Docs Process and DHS ICE

The BOD's Business Performance Branch Lean Team is increasingly asked to provide Lean support outside of ALC, and even outside of the Coast Guard. We just completed a Lean Event for ALC's Workforce Management Staff (WMS), looking for opportunities for streamlining the Travel Request and Travel Claims process at ALC, while hosting a group of eleven members from several departments within DHS Immigration and Customs Enforcement (ICE). DHS ICE learned about the possibility of sitting in and observing a Lean Event after a contingent from the DHS Civil Right and Civil Liberties Office (CRCL) came to Elizabeth City in 2018, taking home what they learned here and successfully applying those Lean principles to their own office processes. The DHS group was attentive and actively participated in our discussions, providing thoughtful insight and some useful suggestions. At the conclusion of the Lean Event, the group elected to stay and receive a mini Lean training session that covered nearly all the basic concepts of Lean that we teach in our Quarterly 2-Day CPI Training. The WMS participants were able to identify areas for improvement through Value Stream Mapping, such as the need to update the CG Portal with links to forms and essential CG travel information websites, developing an SOP to better define roles and responsibilities for both the traveler and WMS team. Perhaps one of the biggest potential improvements could come from adopting the DHS Travel platform known as 'Concur', which we became aware of through the DHS ICE group. A number of other recommendations came out of this event as well, which should make the travel process much smoother in the future.



**Civilian Length of Service Awards**

Joey Hixson	5 yrs
James Wikkerink	5 yrs
Al Bleich	15 yrs
Dwayne Foster	15 yrs
Chris Patterson	15 yrs
Don Roberts	20 yrs
Thomas Simpson	20 yrs
Gregory Rakes	25 yrs

Congratulations to ALD Deputy Ms. Crissy Taber for winning the FY19 DHS Office of the Chief Readiness Support Officer (OCRSO) Supervisor of the Year award!!