



Presented to:
HAMA

*It's been 2 years... how
are things going?*



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TECHNOLOGY DRIVEN. WARFIGHTER FOCUSED.

10 April 2015

Presented by:

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U.S. Army Aviation and Missile Research,
Development, and Engineering Center**



Topics



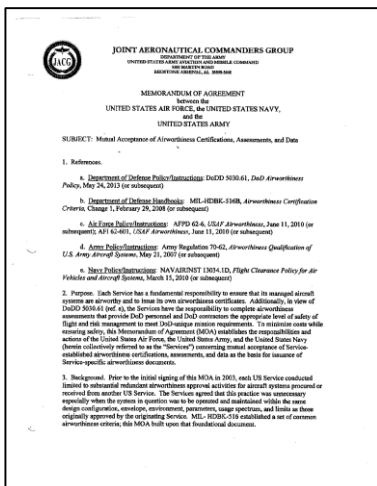
- **Global Cooperation**
- **Commerciality Determinations**
- **Relationship Building**
- **What Jeff learned on his big adventure...**



DoD Cooperation

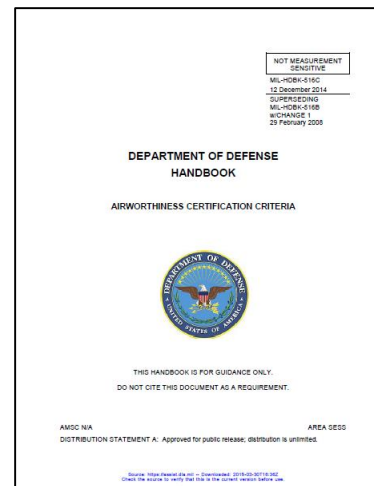


National Airworthiness Council



MIL-HDBK-516C Airworthiness

- Criteria
- Standards
- Methods of Compliance



Tri-Service Memorandum of Agreement

FAA is trusted agent

DoD Assess for:

- ***Configuration***
- ***Usage***
- ***Operating Environment***

FAA Military Certification Office

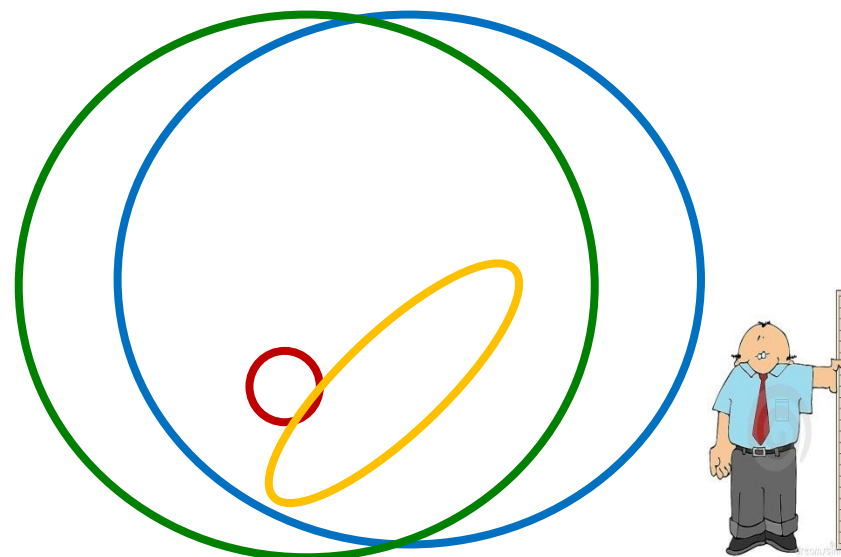
assists with STCs, data, etc.

Delta testing/analysis by DoD

Extends to CAAs w/ BASA

**US Military “Civil
Derivative Aircraft”**

Civil Aircraft



Risk Managed
- Incomplete data
- Fails to meet
applicable standards

**Differing standards
between US Service
and FAA/CAA**



Foreign Military Authorities Global Cooperation



Completed
In Work/Planning

TECHNOLOGY DRIVEN. WARFIGHTER FOCUSED.



CERTIFICATE OF RECOGNITION

Reference Number

MAA-NAC-007

Pursuant to United States Department of Defense policy on recognition of other Airworthiness Authorities and of foreign Military Airworthiness Authorities and subject to the conditions specified below, the Director of Aviation Engineering, on behalf of the Airworthiness Authorities of the of the United States Army, the United States Navy and the United States Air Force, formally recognizes the

Military Aviation Authority of Sweden

as a competent Military Airworthiness Authority performing airworthiness inspection, airworthiness certification, production oversight and continuing airworthiness oversight of all aircraft under their airworthiness auspices and of organizations approved under their authority supporting these same functions.

Conditions

1. This recognition is valid while the Sweden MAA remains compliant with all current laws, regulations, and processes as identified in the Military Authority Requirements Questionset.
2. The Sweden MAA will comply with the conditions set forth in the accompanying recognition letter.
3. The Sweden MAA maintains a program of continued surveillance and internal quality monitoring.
4. This recognition of the Sweden MAA is in effect for four years from the date of this memorandum.

Date of Issue

2 MARCH 2015


JEFFREY L. LANGHOUT, SES
Director of Aviation Engineering
US Army



Commerciality Determinations



- **Why do ACC-Redstone and DLA-Huntsville use AED for commerciality determinations?**
 - **AED provides the technical and engineering expertise to ensure that an military item does in fact meet the commercial item definition of FAR Part 2.101 especially when it comes to the “of a type/Similar Item” and “Minor Modifications of a Type” scenarios.**
 - **AED provides the clauses needed to maintain airworthiness under a FAR Part 12 Contract.**



Relationship Building



- **AED BIG 3**
- **ACC dedicated KO and specialist co-located with AED**
- **Foreign MAA recognitions and tri service recognition**
- **Awards from the PMs**
- **Rotational Assignments**
 - **AED personnel to PM shops**
 - **Functional and Systems divisions w/in AED**
 - **Liaison Engineer assignments**
- **MG Richardson extended invitation to AED to speak at Aviation PCCs**
- **Data from Mr Shipley**
- **MG Lundy support**
- **Providing solutions via MECs and LE support (Afghanistan, Kuwait, Liberia)**
- **2014 VE Outstanding Achievement Award**
- **New LE Rotational Assignments at Fort Rucker**
- **Monthly AAAA Tech Talks, AHS Papers**
- **Key Products**
 - **Numerous and critical Commerciality Determinations**
 - **>100 AWRs per month**
 - **~ 3 AQPs per month**
 - **~ 2 AWIS per month**
 - **~ 1400 MECs per month**
 - **Unit visits to train rigging and analyze RTB data**



What I learned/had reinforced



- **DoD is massive**
- **Relationships do run the world**
- **Our Combatant Commanders are awesome!!**
- **Our soldiers, sailors, airmen, and marines are even more awesome!**
- **Our Army is getting smaller**
- **AED continues to get smaller (down about 15% since April 2013)... and we will continue to shrink... but....**
- **Your industry teams are integral to the success of the enterprise**
 - **Your employees attitudes matter too!!**
- **My (our) job is to make sure we take care of our business and don't get too frustrated about what we cant control. The Army needs us to do this!!!**