



**WISCONSIN AIR NATIONAL GUARD
HEADQUARTERS 115TH FIGHTER WING (ACC) (ANG)
3110 MITCHELL STREET
MADISON WISCONSIN 53704-2529**

14 April 2017

MEMORANDUM FOR WINGA PRESIDENT

FROM: WINGA AIR AND JOINT RESOLUTION CHAIR

SUBJECT: Air and Joint Resolutions for FY17

1. I would like to submit the following Air and Joint draft resolutions to the members of Wisconsin National Guard Association, Inc. for review at the 67th Annual WINGA Conference in Elkhart Lake, WI on 29 April 2017. All submit resolution have been submitted by other states requesting our support, contractors looking for a state sponsorship, or resolutions originated within the Wisconsin National Guard. There is one Air Resolution still in coordination with the CAF Taskforce that will be presented at the conference.

2. Air Resolutions:

- MS-1: RC-26 BLOS (Modification to standing resolution)
- WI-2: ALR-69A Digital Radar Warning Receiver for C-130, A-10, F-16, F-15, KC-135, C-17 (Contractor submitted; attempting to consolidate all A/C into on resolution)
- WI-3: Modification to F-16 resolutions (Coordinating through CAF Task Force – will present at WINGA Conference)

3. Joint Resolutions:

- WI-1: Cyber Security (Contractor submitted)
- FL-1: PTT ver 2

4. I will be prepared to discuss the submitted resolutions and provide a recommendation on each at the conference. If approved, these resolutions will go forward to the National Resolutions Committee at the 139th National Guard Association of the United States (NGAUS) General Conference, Louisville, KY for approval.

//Signed//

DANIEL P. STATZ
WINGA Air and Joint Resolutions Chair



National Guard Association of the United States FY2017 Draft Resolution Input Form

Phone: 202-789-0031 Fax: 202-682-9358 www.ngaus.org

NGAUS File #

This form must be used to submit a new resolution or initiate proposed changes to standing resolutions. Each form must contain only one recommendation statement. Draft resolutions received after 1 July but no later than 31 July will be classified as "Emergency." Following the general conference, adopted draft resolutions will be incorporated into their applicable standing resolution or established as a new resolution. Detail information is then removed unless required for clarity.

Date (MM/DD/YY) SME/Email

State SME/Phone

Input # **Input # is the sequential number of drafts submitted by your state** Type Draft Resolution

Relating To

Examples: Retirement Pay, Combat Vehicles, C-130 Modernization, etc.

Category **Standing Resolution to be Amended (For new resolution or item, select "New")** Resolution # Item #

Proposal Statement: In one sentence, please describe the specific item, program or legislation being proposed. **(ONE RECOMMENDATION PER FORM - SPELL OUT ALL ACRONYMS - USE ONLY THE SPACE PROVIDED)**

Recommend providing 100 Mission Critical Push-to-talk (PTT) deployable kits for each of the ten FEMA Regions . Domestic Operations Communications require field surge/emergency, mobile SATCOM systems. Mission Critical PTT enables satellite voice and data as well as cross banding for cellular and land mobile radios, to ensure always on, always available communications.

Recommendation Information: Use this box to further explain the changes being proposed above. This can identify policy, modernization program, equipment, status, states or personnel impacted. **(SPELL OUT ALL ACRONYMS - USE ONLY THE SPACE PROVIDED - THE SAME JUSTIFICATION MAY BE USED FOR MULTIPLE DRAFT RESOLUTIONS, IF APPLICABLE)**

Domestic Operations Communications require interoperability with local, state, federal and non-governmental organizations, surge/emergency satellite communications, and communication path diversity (J#2A, Items 2,3, and 6). Mission Critical Push-to-talk (PTT) enables this through seamless integration of cellular, land mobile radios, and satellite communications on the move. Mission Critical PTT offers IP-enabled voice and data, allowing it to be easily integrated into NIMS-compliant data standards. In addition, communications are secured by 256-bit Advanced Encryption Standard (AES256) to avoid cyber threats. Mission Critical PTT is interoperable with the Satellite Mutual Aid Radio Talkgroups (SMART), providing the ability to connect to national, regional, and functional government talk groups for coordination and operations, especially in communications-challenged environments. Mission Critical PTT also provides Global Positioning System (GPS) data for each satellite terminal, enabling the ability to track vehicle movement and improve situational awareness. Deployable kits can be configured in airline overhead baggage size/weight and rapidly installed on commercial or military vehicles.

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Fully fund RC-26B ISR platform SATCOM capabilities that would allow them to support both domestic/civil and combat missions. The National Guard requires access to high-speed and large bandwidth video, voice and data for both combat and domestic civil support missions.

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The RC-26B airframe is an effective and capable, low-cost, manned aircraft for both combat Intelligence Surveillance Reconnaissance (ISR) and domestic Incident Awareness and Assessment (IAA) missions. The Air National Guard fleet consists of eleven B model and two A model aircraft. They are routinely tasked for both domestic and overseas missions. Currently, six aircraft are under contract to be reconfigured with a high definition (HD) electro-optical-infrared (EO/IR) full motion video (FMV) sensor, a Situational Awareness Data Link (SADL), mission equipment, and line-of-sight communications capability for Domestic and Overseas Contingency Operations missions. The remaining seven aircraft are also scheduled to receive the same upgrade. However, the planned upgrade package does not provide the ability to relay sensor information to other aircraft or to units outside these systems' limited Line of Sight (LOS) distance. LOS radios are limited by the curvature of the earth, atmospheric conditions, geography, etc. and can lead to the aircraft being disconnected from both operational end-users and critical command and control units. Today's warfighter and law enforcement agents on the ground and at sea are operating in increasingly remote locations. Line-of-sight (LOS) communications limit the ability to exchange real-time data and transmit FMV to these geographically disparate agencies and commands. BLOS CDL and HD FMV downlink to command and control (C2) nodes and ground/maritime forces are critical capabilities for situational awareness, tactical decision making, increased mission effectiveness, and operational safety. This BLOS capability was originally planned for upgrade in 2020-25 timeframe, however, escalating tensions in the current geopolitical environment require that these BLOS capabilities be funded now and significantly accelerated into FY17 to improve RC-26 mission readiness in areas where LOS communications are insufficient or impossible. Currently scheduled upgrades provide the ideal opportunity for installation of these critical capabilities; allowing the BLOS equipment to be installed concurrently with other equipment and removing the need for additional installations at a later date, saving both time and money. It also accelerates these resources for states emergency management and law enforcement use, under Title 32 authority, to following eleven states:
115 FW Truax Field, WI 141 ARW Fairchild AFB, WA 162 FW Tucson IAP, AZ 125 FW Jacksonville IAP FL
144 FW Fresno IAP, CA 186 ARW Meridian RAP, MS 130 AW Yeager AP, WV 147 RW Ellington IAP, TX
187 FW Montgomery RAP, AL 132 RW Des Moines IAP, IA 150 FW Kirtland AFB, NM

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BACKGROUND ON PROPOSED RAYTHEON/FORCEPOINT CYBER RESOLUTION

1. Cross Domain Solutions - CDS support the mission critical information sharing with seamless and secure cross domain access to all required networks and the associated data, while the administrator employs enterprise-scale administration and monitoring tools to support a global footprint from a single location. CDS also provide increased security balanced with high usability for more efficient and effective missions across intelligence, defense, and civilian agencies. Moreover, CDS provides users with secure, simultaneous access to information on any number of networks from a single endpoint. Designed for tactical or enterprise deployments, CDS has the flexibility to be deployed in offices, in-theater, and in the field.
2. Data Loss Prevention - DLP products assist an organization in managing its risk associated with insider threats by stopping data loss as well as proactively identifying high-risk users. DLP products also deploys security controls that help an organization meet compliance and regulatory requirements from auditors and executives. In addition, DLP products assist an organization to unify security solutions, coordinate defense policies, share intelligence along multiple points, and enjoy centralized management of the enterprise's data security.
3. Next Generation Fire Walls - NGFW is a hardware or software based network security technology that is able to detect and block sophisticated attacks by enforcing security policies at the application level, as well as the port and protocol level. NGFWs assist enterprises in managing complex and highly distributed networks by optimizing network availability, scalability, and cost. In addition, NGFWs act as the core of an enterprise network security, centralizing monitoring, management, and reporting across diverse virtual, physical, and Cloud environments, as well as third-party devices. The increased visibility and functionality of the NGFWs allows an enterprise to quickly respond to events and threats, as well as automate remediation. NGFWs optimize work flows to streamline daily administrative tasks and security management to create highly efficient environment with a low total cost of ownership.
4. Thin Client architecture - A thin client is a stateless, fanless desktop terminal that has no hard drive. Thin clients access data remotely through a connection to a server and presents a virtual desktop to the student. Thin clients are widely used in education today, because of better security, manageability, and scalability, which results in a lower cost. Thin clients integrate easily with your existing computing infrastructure, replacing more costly PCs. Thin clients also provide instructors with the ease and efficiency to teach several different courses from the same infrastructure.
5. Network/Web Security - Many organizations and their users leverage cloud based applications and services, such as Microsoft 365, Google Drive, and Dropbox, daily. In many cases, these applications have not been sanctioned by the organization. Furthermore, the enterprise lacks the ability to discover, monitor, and control the use of cloud applications in its environment. Web Security products allows an organization to control which web applications and services users are leveraging within the enterprise. In addition, Web Security products provide increase visibility and control related to cloud applications to better protect an organization's sensitive data. Web Security products also provide reporting, sandboxing, and Data Loss Prevention that assist the enterprise with deterring more advanced, non-signature threats.



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