



# National Guard Association of the United States FY2018 Draft Resolution Input Form

Phone: 202-789-0031 Fax: 202-682-9358 [www.ngaus.org](http://www.ngaus.org)

NGAUS File #

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Date (MM/DD/YY) 1 Jan 2017

SME/Email Leonard Gratteri, Executive Director, NGADE

State Delaware

SME/Phone 302-540-0134 (C)

Input #

1

Input # is the sequential number of drafts submitted by your state

Type Draft Resolution

Change Item

Relating To

C-130 maintenance of aircrew breathing systems in the aircraft

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

Category

ANG

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

Resolution #

11

Item #

L.

**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)

CRITICAL NEED FOR SUPPORT- The ANG currently uses outside vendors to resupply LOX and O2 Gas that supports the aircraft and aircrew oxygen requirements  
STATES IMPACTED - All ANG Aircraft at CONUS and OCONUS sites  
MISSION CRITICAL NEED - The current LOX resupply is done by either airlift or using local vendors, creating a security risk due to outside

**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.

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CRITICAL NEED FOR SUPPORT- The ANG currently uses outside vendors to resupply LOX and O2 Gas that supports the aircraft and aircrew oxygen requirements  
STATES IMPACTED - All ANG Aircraft at CONUS and OCONUS sites  
MISSION CRITICAL NEED - The current LOX resupply is done by either airlift or using local vendors, creating a security risk due to outside vendors leaving and entering the bases with flammable oxygen. Additionally this policy is extremely debilitating to the Operations and Maintenance budget for the aircraft  
DEPLOYMENT JUSTIFICATION- COGS-LOX will enable ANG logistics and maintenance to create LOX on the bases, within security, at a rate of 200 Liters per day (50 Gallons)  
FUNDING JUSTIFICATION - Current COGS-LOX 200 liter per day (50 gallons) cost approximately 1.8M per unit - Payback is less than one year based on current budgets in the Operations and Maintenance fund  
USAF FUNDING TO DATE - USAF is considering this capability for their bases as well  
ANG REQUIREMENT - Reduce the cost of LOX and Gas replenishment costs as well as making the bases more secure from terrorist attacks

Additional State Sponsors (NGAUS USE ONLY)

MS will sponsor





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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)**

Employ industry-leading defensive cyber products to enable collaboration, facilitation and critical information sharing between various domains with improved efficiency and security, which leads to cost savings and protection of sensitive government data. Additionally, reduce overall computing cost by centralizing computer resources using thin client technology.

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CRITICAL NEED FOR SUPPORT (NETWORK SECURITY)- DATA LOSS PREVENTION (DLP) products to stop data loss and theft, demonstrate compliance, and safe guard brand, reputation and Intellectual Property. DLP products assist an organn in managing risk associated with insider threats by stopping data loss as well as proactively identifying high risk users. DLP deploys security controls that that help an organization meet compliance and regulatory requirements from auditors and leadership, unify security solutions, coordinate defense policies, share intelligence among multiple points and centralize data security.

WEB SECURITY (WS) products that will discover, monitor and control cloud application use. In addition WS products provide increased visibility and control related to cloud applications to protect organizations sensitive data through reporting and sandboxing.

NEXT GENERATION FIREWALL (NGFW) products protect confidentiality, integrity and availability of information from Cyber Threats. NGFW is a hardware and software based network security technology that detects and blocks attacks at application, port and protocol level. NGFW's optimize work flows in daily administrative tasks and security management at a low cost of ownership.

CRITICAL NEED FOR SUPPORT (DATA SECURITY) - Cross Domain Solutions (CDS) facilitates collaboration and information sharing between various domains. CDS provides increased security balanced with high usability for intelligence, defense and civilian agencies.CDS provides users with secure, simultaneous access to information on numbers of networks from a single endpoint.

CRITICAL NEED FOR SUPPORT (CLASSROOM MODERNIZATION) - Thin Client Technology (TCT) reduces overall computing cost by centralizing computer and classroamm resources. TCT is a stateless, fanless desktop terminal with no hard drive. TCT access data remotely thoguh a connection to a server and presents a virtual desktop to the student. TCT also provide instructors the ability to teach several different courses from the same infrastructure.

STATES IMPACTED: ALL State units and organizations, domestic or depolyed CONUS or OCONUS

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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)

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	

Additional State Sponsors (NGAUS USE ONLY)





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Date (MM/DD/YY) 03/16/17

SME/Email adam.m.curry.mil@mail.mil

State Florida

SME/Phone 904-823-0124

Input #

1

Input # is the sequential number of drafts submitted by your state

Type Draft Resolution

New Resolution

Relating To

ENHANCING THE ARMY AND AIR NATIONAL GUARD BY PROVIDING SUPPORT FOR ALL DOMESTIC OPERATIONS MISSIONS COMMUNICATIONS

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

Category

Joint

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

Resolution #

2

Item #

A

**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.

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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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Date (MM/DD/YY) 01/17/2017

SME/Email billy.f.murphy.mil@mail.mil

State Mississippi

SME/Phone 601-527-5807

Input #

1

Input # is the sequential number of drafts submitted by your state

Type Draft Resolution Change Item

Relating To HRF/CERFP Equipment Modernization

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

Category Joint

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

Resolution # 3

Item # G

**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)

Change item G. "Continue funding for National Guard Civil Support Teams" to "Continue funding for National Guard Civil Support Teams, Homeland Response Forces and CBRNE Enhanced Response Force Packages"

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When directed by proper authority and upon consent of the Governor(s), the Homeland Response Force (HRF) alerts and assembles within 6-12 hours; on order, deploys and conducts command and control; casualty assistance; search and extraction; decontamination; medical triage and stabilization, Fatality Search and Recovery to save lives and mitigate human suffering. The CSTs detect and identify CBRNE agents/substances, assess their effects, advise the local authorities on managing response to attacks, and assist with requests for other forces. The CERFPs locate and extract victims from a contaminated environment, perform mass patient/casualty decontamination, and provide treatment as necessary to stabilize patients for evacuation. Robots need to operate in confined spaces such as laboratories, culverts, ditches, sewers, attics, crawl spaces, and roof-tops, requiring manual search by a response member in full HAZMAT gear, unnecessarily exposing him/her to hazardous materials. WMD-CSTs, HRFs, CERFPs require a minimum of one lightweight CBRNE robot for each of the units.

Units impacted:

57 - WMD CSTs (All 54 states and territories)

11 - HRFs (WA, CA, UT, TX, MO, GA, OH, PA, VT, MA, and CT)

19 - CERFPs (NY, MA, PA, WV, CO, CA, TX, IL, MO, FL, HI, WA, VA, OH, GA, MN, and NE)

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Date (MM/DD/YY) 01/17/2017

SME/Email paul.drake.mil@mail.mil

State Mississippi

SME/Phone 228-214-6001

Input # 1

Input # is the sequential number of drafts submitted by your state

Type Draft Resolution New Resolution

Relating To Combat Readiness Training Center Enterprise

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

Category ANG

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

Resolution # New Item # New

**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)

Fully fund and provide mission essential resources for the Combat Readiness Training Center Enterprise in support of mission focus transformation.

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1. Alpena Close Air Support Center
2. Gulfport Battlefield Airmen Center
3. Volk Counterland/A2AD Center
4. Savannah Air Dominance Center

Justification - To provide additional readiness to the ANG, by enhancing training capability and capacity, for the following mission sets: Close Air Support, Battlefield Airmen, Counterland/A2AD, and 4th/5th Generation fighter and C4I integration. These training centers provide unique opportunities for Airmen to exercise their designated skill sets away from the home station setting.

Installations impacted:

4 - Training Centers (MS, MI, WI, GA)

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Date (MM/DD/YY) 1 Jan 2017

SME/Email Sheryl Gordon, Executive Director, NGAAL

State Alabama

SME/Phone 256-212-4066 (C)

Input #

1

Input # is the sequential number of drafts submitted by your state

Type Draft Resolution

Change Item

Relating To

ALR-69A Digital Radar Warning Receiver (DRWR) for A-10, F-15, F-16, C-130, C-17, KC-135

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

Category

ANG

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

Resolution #

9 and 12

Item #

New

**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)**

ALR-69A Digital Radar Warning Receiver continue to be an ANG requirement for ALL aircraft CONUS and OCONUS whether Combat or Mobility missions

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CRITICAL NEED FOR SUPPORT- All these aircraft suite requires considerable modernization to keep pace with surface-to-air threat technology advancements and proliferation. Modernized EW suite subsystems, architecture, and countermeasures will allow ANG aircraft to conduct full spectrum combat operations in the vast majority of today's contested environments

STATES IMPACTED - All ANG Aircraft at CONUS and OCONUS sites

MISSION CRITICAL NEED - To survive, ANG aircraft require a geo-locating radar warning receiver capable of processing signals in a dense RF environment and automatically direct countermeasures to defeat those threats. Increased situational awareness is needed to correlate onboard and off-board threat detection, terrain masking, and optimized dynamic rerouting and targeting capabilities to minimize exposure to threats

DEPLOYMENT JUSTIFICATION- A robust integrated electronic attack suite that includes the ALR-69A DRWR will enable all aircraft to either survive or target current and future radars

FUNDING JUSTIFICATION - Incorporating features such as a DRWR capability in all these aircraft are identified as unfunded requirements in the ANG Modernization books and have been identified to the USAF for funding

USAF FUNDING TO DATE - USAF has and will fund DRWRs for their Combat and Mobility aircraft in the Program Objective Memorandum

ANG REQUIREMENT - The ALR-69A is identified in all aircraft Electronic Combat upgrade requirements in the ANG Modernization Book 2017

**Additional State Sponsors (NGAUS USE ONLY)**

MS will sponsor