



# DEFENSE LOGISTICS AGENCY

AMERICA'S COMBAT LOGISTICS SUPPORT AGENCY



## Gloves and Wet Weather Gear Denise Vogelei

November 16, 2017



# Program Overview

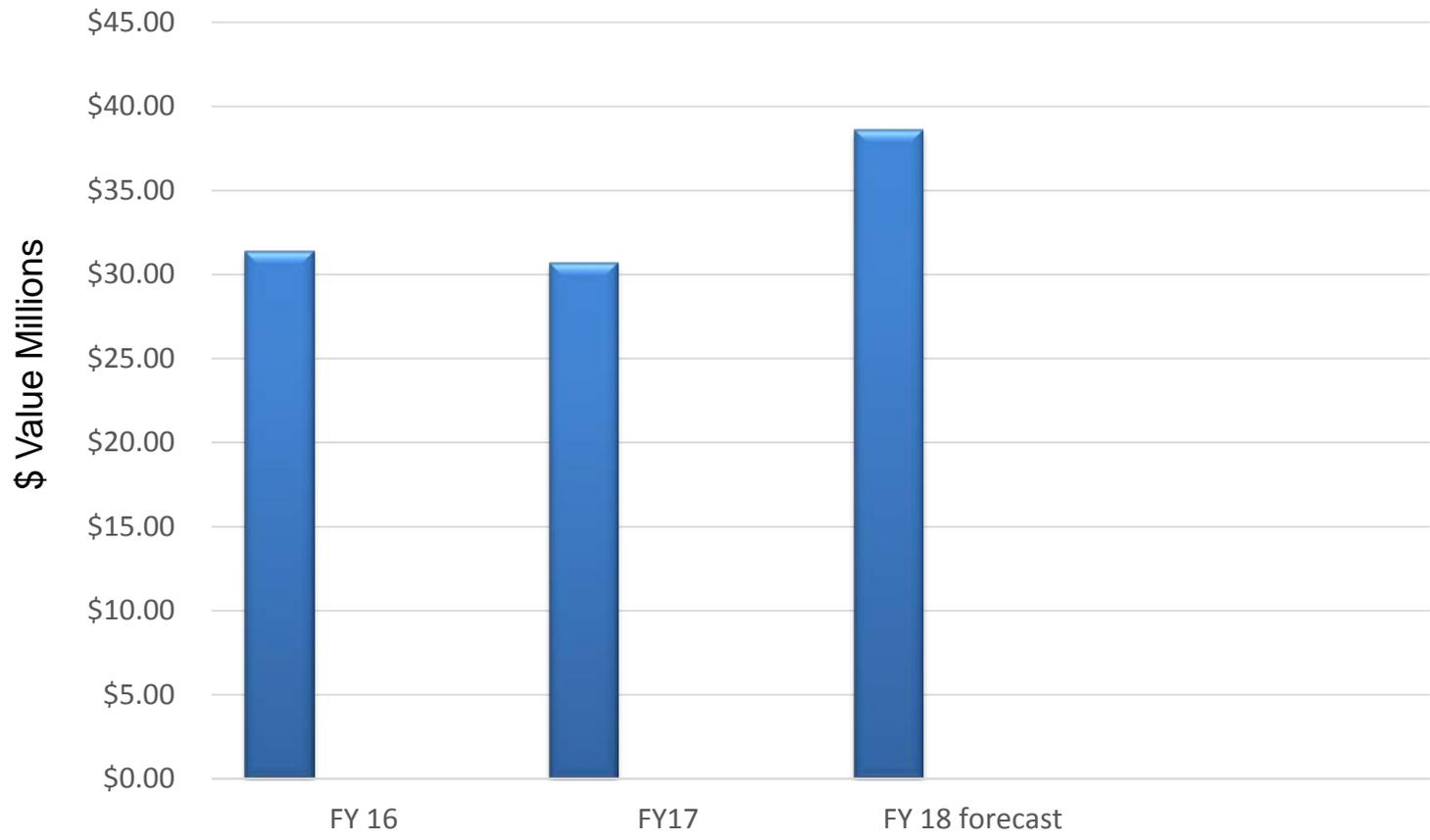
*Glove Production can be linked into three categories of production:*

*String Knits   ✦   Cut and Sew   ✦   Rubber Gloves*

- **Product Line:** Combat Gloves, Wet Weather Gear, MC Martial Arts Training Kits, Tapes, Webbing, Fasteners, Needles and Threads
- **Special Program Support:**
  - Nuclear Program Support – Critical support
  - Wildland Firefighting – Three Gloves and Protective Chaps
- **# of Items:** Approximately 381 active PGCs
- **Critical Acquisitions:** Otto Fuel Glove (O2N) , Electrical Gloves (O2N) (various voltages), White Simplex (Old Guard/Ceremonial), Multiple Items for Afghan Security Forces, Rubber Industrial Gloves
- **Command Interest:** Nuclear Program Support
  - Otto Fuel – critical safety/foreign source of supply



# Glove Team Obligations



**FY 16: \$31.4M**

**FY 17: \$30.7M**

**FY 18 Forecast: \$38.6M**



# Open Procurements

## **Unisex Gloves – PGC 01834**

- ✓ Solicitation pending, TAD March 2018

# Upcoming Opportunities

## **Army Combat Glove – PGC 00031**

- ✓ Introduces touch technology for the Army / Ground Troops use
- ✓ SRP package approval pending – estimated completion by end of month November 2017
- ✓ Solicitation TBD

## **Men's/Women's White Simplex Glove – PGC 00171 / 01377**

- ✓ Current contract expires in September 2018
- ✓ New procurement actions would start around the February 2018 timeframe



# Pending Awards

**Gloves, Barbed Wire**

**PGC 10205**

**Target Award Date: December 2017**

**Glove, Extreme Cold Weather (ECW)**

**PGC 03070**

**Target Award Date: December 2017**

**Gloves, Anti-Flash**

**PGC 20583**

**Target Award Date: January 2018**

**Gloves, MC Flexor**

**PGC 03992**

**Target Award Date: February 2018**

**Gloves, Welders**

**PGC 00542**

**Status: Evaluations in process**

**Target Award Date: November 2017**

**Gloves, Fuel Handler**

**PGC 03127**

**Status: Evaluations in process**

**Target Award Date: November 2017**

**Gloves, Heavy Duty Cattlehide**

**PGC 00540**

**Status: Evaluations in process**

**Target Award Date: November 2017**



# Points of Contact

## Acquisition Team

### Denise Vogelei

Interim, Procurement Branch Chief  
Contracting Officer, x3089

### Rafael Nazario-Vidal

Simplified Acquisition, Contracting Officer  
x8613

Samuel Clifton, x2374

Jeffrey Fox x6076

Clifford Lawson, x8427

Matt Mundy x5770

Al Ruigrok, x7489

## Technical Team

### Liz Settles

Technical Branch Chief, x3237

Dominic Palommella, x8107

Hang Nguyen, x5680

Tina Dang, x7916

Dulari Desai, x2416



**Project Manager**  
**Soldier Protection and Individual Equipment**

# **The Soldier**

*Our Strength and Purpose*

## **Product Manager**

# **Soldier Clothing and Individual Equipment (PdM SCIE)**

## **Glove Updates**

Cold Weather Glove System, Army Combat Glove-Capacitive

**15 -16 November 2017**

**JAPBI Brief**

Robert Drown  
Glove Engineer

Natick Soldier Research, Development and Engineering Center



# Cold Weather Glove System



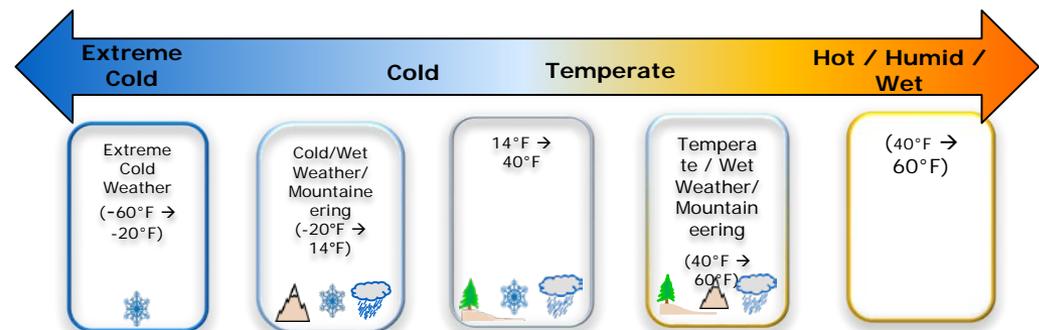
## Where We Are:

- US Army current cold weather hand wear consists of 7 items ranging from liner and anti-contact gloves to Extreme Cold Weather (ECW) mittens
- Some components of the system are no longer procurable. The Trigger Finger (TF) Mitten Liner for example is no longer domestically produced. The TF liner was shared between the TF mitten and the ECW mitten
- Results from CTAPS-H study demonstrated areas where Soldiers feel improvements can be made
  - ECW mitten well regarded
  - Intermediate Cold Wet Glove can be improved
  - Dexterity study, user eval show value in TF mitten
  - ECW mitten identified as versatile



## Where We Want To Go:

- Modular cold weather hand wear solution that balances protection from environmental and man made threats found in extreme cold weather environments
  - Packable/light weight
  - Moisture management
  - Durable
  - Capacitive
  - FR/NMND
- Investigate Novel materials and design solutions





# Army Combat Glove-Capacitive, Gauntlet



## Where We Are:

- The Army has transitioned the Army Combat Glove (ACG) from RFI to Defense Logistics Support – Troop Support (DLA-TS)
- The ACG-C is a capacitive variant of the ACG that allows the wearer to interact with touch screen devices while gloved
- Joint interest from USAF



## Where We Want To Go:

- Gauntleted version of the standard ACG-C to support Aviators and Combat Vehicle Crewmen
  - Limited user evaluation with mounted and aviation units for FY18
  - Evaluation of design features aimed at improved digital device interface and durability
  - Safe-to Fly



# *Headquarters U.S. Air Force*

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*Integrity - Service - Excellence*

## **Joint Advanced Planning Brief to Industry**



**Debra McLean, USAF  
Aircrew Performance  
AFPEO Agile Combat Support**

**16 Nov 2017**

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# Agenda

- **Gloves in supply system**
- **Mittens in supply system**
- **New Opportunities**





# Gloves, Military Specific

## ACTIVE

- MIL-DTL-32173 Glove, Flyer, Intermediate Cold HAU15P
- MIL-DTL-44419A Gloves, Men's/Women's, Intermed C/W
- MIL-DTL-81188C Glove, Flyers, Summer, Type GS/FRP2
  
- MIL-DTL-43976D Gloves, Glove Set, Chemical Protective
- MIL-DTL-3866 Gloves, Cloth, Cotton, Knitted, Lightwt
  
- MIL-G-12223J Gloves, Toxicological Agents Protective
- MIL-G-82242D Glove Shells, Radioactive Contaminant

# John Glenn Korean War



# Gloves, Work Types

## ACTIVE

- MIL-G-44013C Gloves, Heat Protective
- A-A-1665B **Gloves, Men's and Women's (Work)**
- A-A-50016B Glove, Cloth Leather Palm, Knitted Wristlet
- A-A-50021B Gloves, Men's Cloth, Leather Palm Gauntlet
- A-A-50836 Gloves, Men's and Women's
- A-A-52055 Gloves, Men's, Women's, Leather Light Duty
- A-A-55060 Gloves, Men's and Women's Heavy Duty
- A-A-55236 **Gloves, Men's and Women's, Dress White**
- A-A-59495 Gloves, Women's

# Gloves, Industrial Types

## ACTIVE

- MIL-DTL-32066 **Gloves, Rubber Industrial**
- MIL-G-87066A **Gloves, Chemical and Oil Protective**
- MIL-G-2874E Navy Gloves, Anti-Flash, Flame Resistant
- MIL-G-29635 Gloves, Firemen's, Aluminized Proximity
- A-A-59794 Gloves, Fire Fighter's Structural
- A-A-50022B **Gloves, Welders, Gauntlet**
- A-A-50355B Gloves, Men/Women's, Cloth, Vinyl Coated
- A-A-50370 Gloves, Cloth, Vinyl Dipped



# Mittens

## ACTIVE

- MIL-M-809F Mitten Inserts, CW, Trigger Finger
- MIL-M-810H Mitten Shells, CW (Trigger M-1965)
- MIL-M-834L Mitten Set, Extreme Cold Weather
- MIL-M-2418G Mitten Shells, Snow Camo, Cotton, 2 Fgr
- MIL-M-11199H Mitten, Heat Protective
- MIL-M-87033A Navy Mittens Extreme CW, Impermeable
- MIL-M-22273 Mittens, Cold Weather, A-1
- MIL-M-6269G AF Mitten, Set, Flyers
- MIL-M-9105D AF Mitten Inserts: Aircrew Leather N2
- MIL-M-27529B AF Mittens, ECW Survival, SRU-10/P
- A-A-59515 AF Mitten Insert, Aircrew, Wool, Heavy, N3B
- A-A-50379 Navy Mitten, Shells, Men's

## INACTIVE

- MIL-M-81844 Mitten, Flyers, Anti-Exposure, Inflatable (1997)

# New Gloves for Aviators

- Touch Screen Summer Flyer Glove is FQ/PD-09-02B
  - Types
    - Type I Non-Touch Screen enabled
    - Type II Touch Screen enabled
  - Classes
    - Class 1 Sage green/Gray Leather (type I only)
    - Class 2 Desert Tan cloth/Tan leather (type II only)
    - Class 3 Black – Deleted
    - Class 4- Coyote cloth/Coyote Leather (type II only)
    - Class 5- Sage cloth/Sage leather (type II only)
- Leather, Sheepskin, Chrome Tanned, Conductive (Touchscreen) is FQ/PD 4672-16-01

Anticipate orders for DOD Aviation community

# New Opportunities

- Rewrite/patterning of Cold Weather Flyer Glove specifications (Joint DOD effort):
  - MIL-DTL-32094A Gloves, Aircrew, Cold/Wet Protective HAU-14/P
  - MIL-DTL-32173 Gloves, Aircrew Intermediate Cold HAU-15/P
- Technical Data Packages-
  - Patterns and specs through 2017; complete Feb18
- DLA contract opportunities (later 2019 Timeframe)
- **In the meantime** - AF Safe To Fly List allows Aviators to purchase directly from suppliers