

77th Aeronautical Systems Group

Dominant Air Power: Design For Tomorrow...Deliver Today



FIRESAFE Program **ABPI 7 May 2008**

LT Veronica Dawson

648 AESS
210-536-2260 (DSN 240)
Veronica.Dawson@brooks.af.mil

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Overview



- **Airmen Battle System – Ground (ABS-G)**
- **Airman Battle Ensemble (ABE)**
- **FIRESAFE Test Strategy**
- **Points of Contact**





Airmen Battle System - Ground (ABS-G)



- **Base**
 - Lightweight, moisture-wicking, anti-microbial undergarments and lightweight layers
- **Airman Battle Ensemble (ABE)**
 - Battle utility coat/pants and battle shirt—all in Air Force digital tiger stripe
- **Cold Weather**
 - Heavyweight parka and trousers
- **Ballistic Protection**
 - Armor system that includes a complete OTV, available side and extremity armor protection
- **Load Carrying System**
- **Ancillary Layer**



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Airman Battle Ensemble (ABE) Coat and Pants



Background

The Air Force is seeking to provide flash fire protection that is safe, suitable, and effective in a ground combat environment. The ABE will provide airmen tactically suitable protection from flash fire and it will not degrade the performance, utility, comfort, or protection currently available to airmen on the ground.

Current Status

- Currently undergoing Contract Award process

Future Plans

- Contract award
- ABE coat/pants delivery for user assessment
- User assessment





Airman Battle Ensemble (ABE) Airman Battle Shirt (ABS)



Description

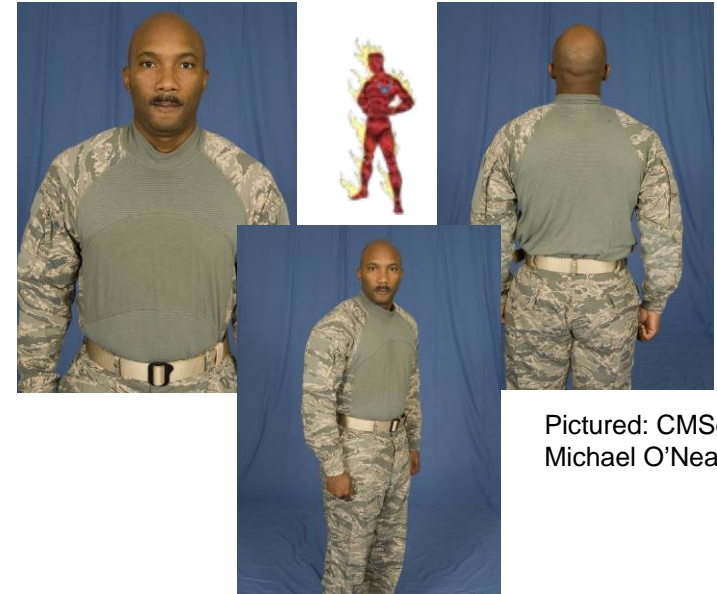
Modified version of the Army Combat Shirt. Response to user need for safe, suitable, effective flash fire protection with negligible thermal burden.

Background

The goal is to evaluate the capability of the Airman Battle Shirt to be operationally safe, suitable, and effective for Airmen in the USAFCENT AOR and other high-risk areas.

Future Plans

- Contract to purchase user assessment items
- MIPR money to NSRDEC to conduct user assessment
- Conduct user assessment in USCENTAF AOR.

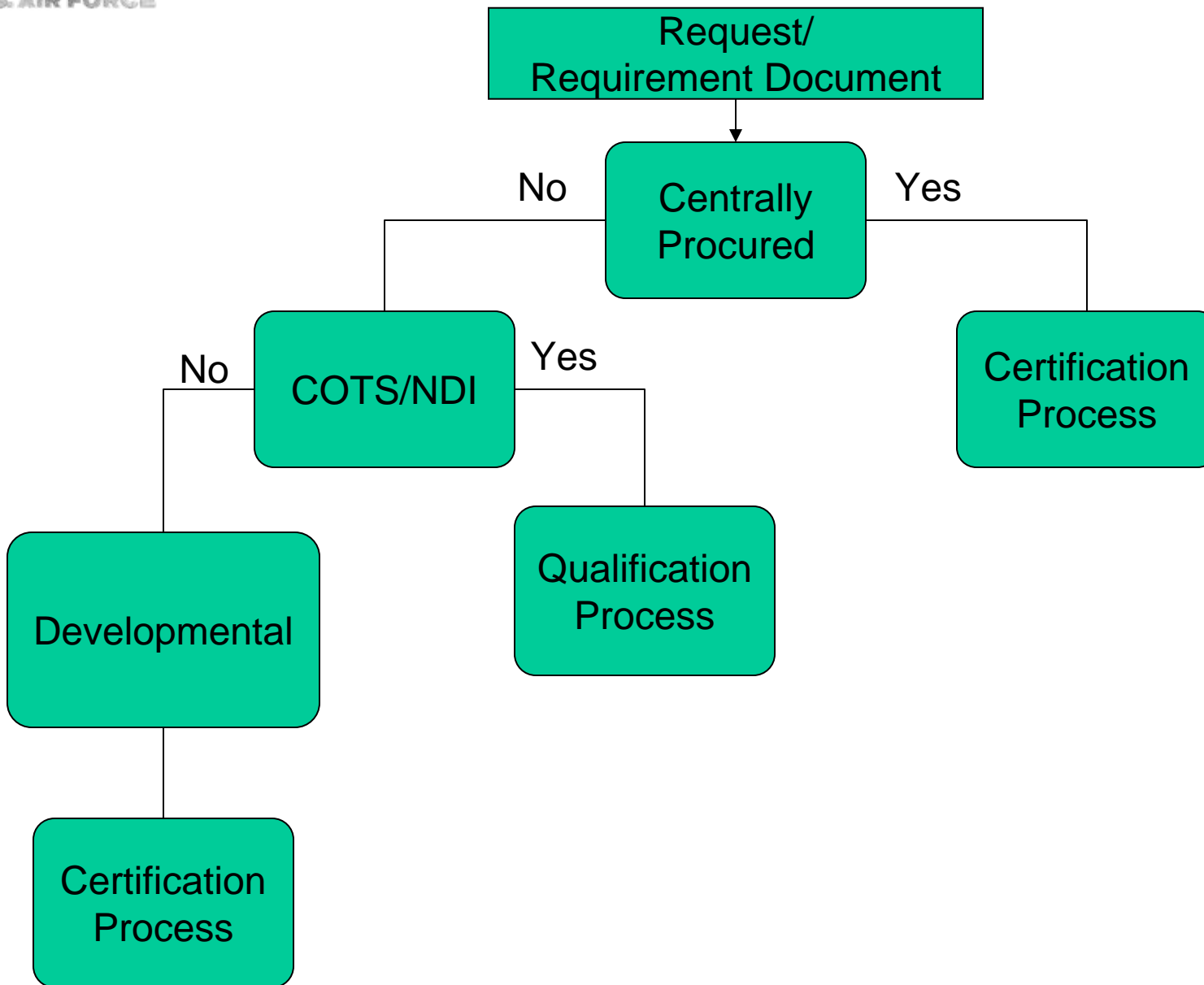


Pictured: CMSgt
Michael O'Neal

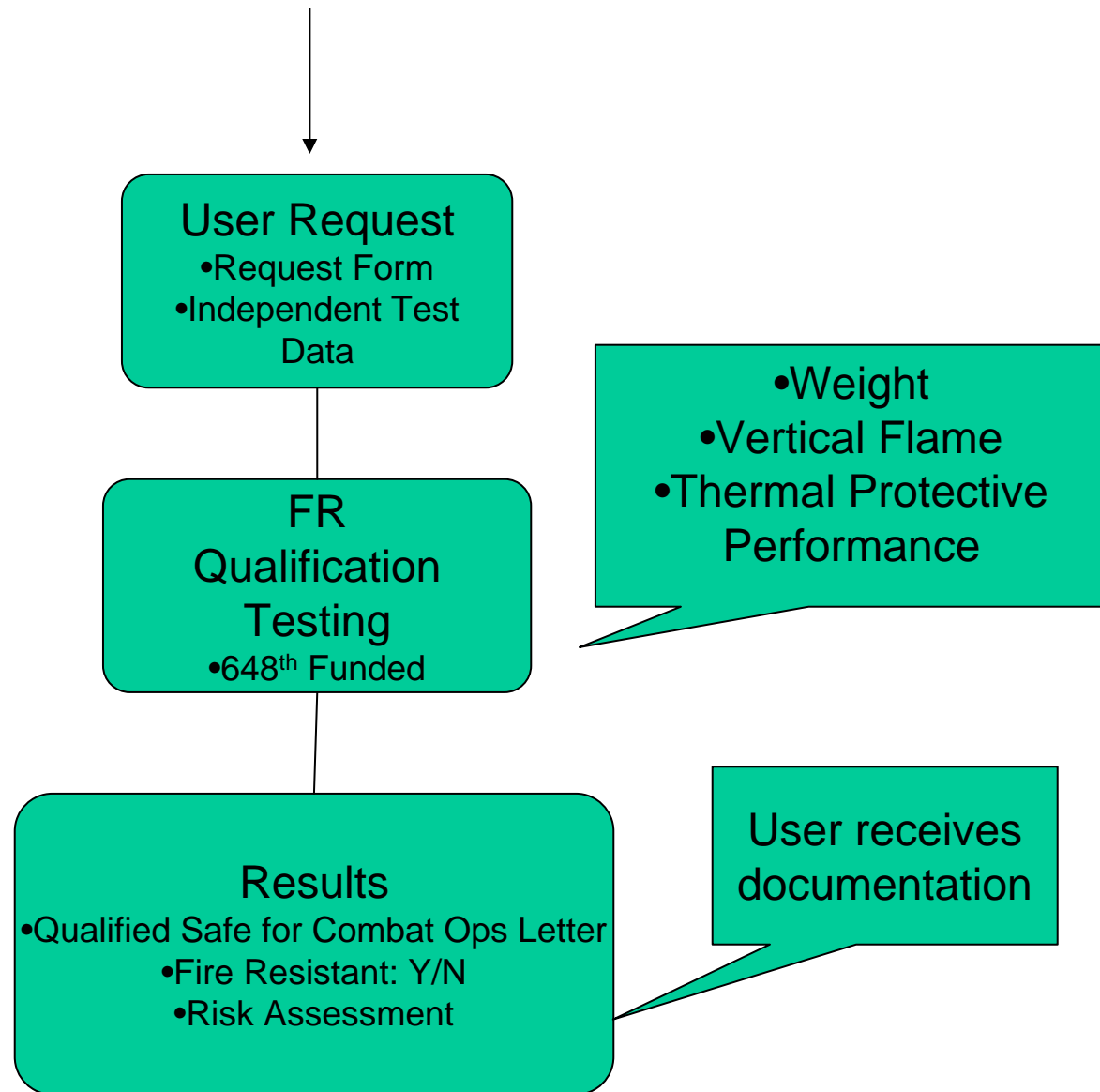


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FIRESAFE Test Strategy Decision Flow Chart

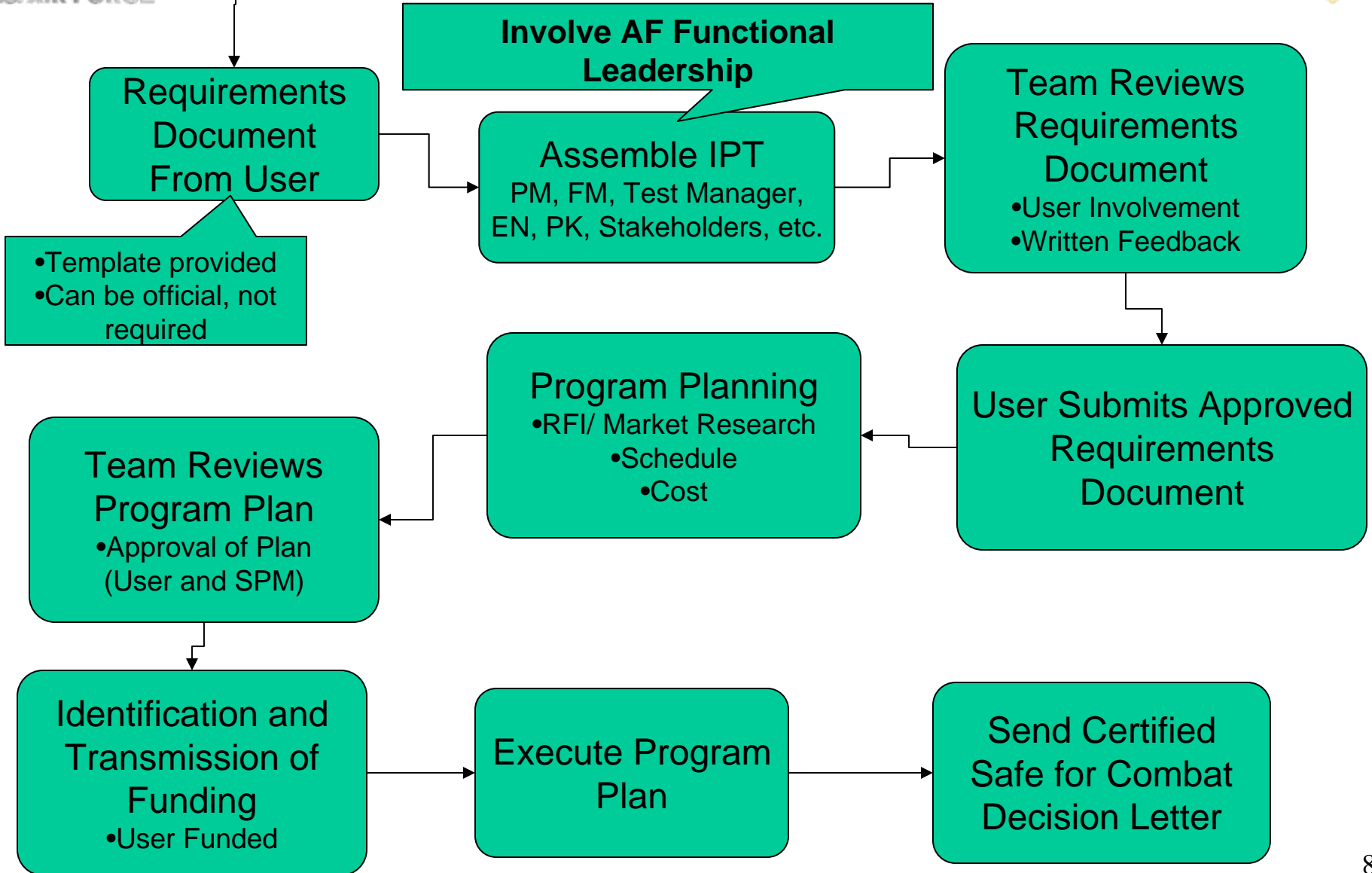


Qualification Testing Process





Certification Testing Process





Points of Contact



NAME	COMM	DSN	JOB TITLE
Lt Col Gary Salmans	210-536-6398	240-6398	648 Aeronautical Systems Squadron Commander
Maj Jason Hale	210-536-4911	240-4911	PM Air Force Uniforms
Capt Kathryn Parker	210-536-2890	240-2890	Lead Eng Fire Resistant Air Force Equipment
Lt Veronica Dawson	210-536-2260	240-2260	PM Fire Resistant Air Force Equipment
MSgt James Lynn	937-257-6194	785-6194	Life Support SME