



PROGRAM EXECUTIVE OFFICE SOLDIER

THE BEST
FOR THE BEST

Footwear Overview

Advanced Planning Brief for Industry

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Boots - Utility



Army Combat Boot (Temperate Weather)



Current Status

- Water resistant/breathable leather and nylon uppers
- Waterproof-breathable membrane package with durable wicking fabric inner lining
- Combination speed lace and eyelet lacing system
- Leather comfort collar w/Leather pull tab for ease of donning
- Non-marking, oil resistant, rubber outsole
- Shock attenuating soling system for durability and injury reduction
- Limited Flame, Conductive Heat & Liquid Fuel Penetration Resistance
- Item is centrally managed by DLA and is currently available for requisition from DSCP





Army Combat Boot (Hot Weather)



Current Status

- **Breathable leather and nylon uppers**
- **Combination speed lace and eyelet lacing system**
- **Padded comfort collar**
- **Non-marking, oil resistant, rubber outsole**
- **Shock attenuating soling system for durability and injury reduction**
- **Drainage eyelets**
- **Safety Toe variants available for those populations requiring safety footwear**
- **Item is centrally managed by DLA and is currently available for requisition from DSCP**





Boots – Utility



Future Capabilities

- **Integrating the Direct Attach soling system into future Clothing Initial Issue Bag item procurements**
- **Potential new material options resulting from concurrent R&D efforts**



Boots – Cold (Wet and Dry) Weather



Intermediate Cold-Wet Boot with Removable Liner



Current Status

- Water resistant/breathable tan leather uppers
- Waterproof-breathable membrane package with durable wicking fabric inner lining
- Combination speed lace and eyelet lacing system
- Leather comfort collar
- Non-marking, oil & slip-resistant, rubber outsole
- Shock attenuating soling system for durability and injury reduction
- Boot is issued with two insulated, removable booties
- Stock is currently being transitioned from black to tan color



**> 14° F
(-10° C)**



Extreme Cold Weather Boot



Current Status

- All rubber upper construction
- Insulation consists of three layers of needle punched polyester foam hermetically sealed within an outer and inner layer of rubber
- The boot is provided with a pressure release valve to adjust internal air pressure in the boot during high altitude operations
- Item is centrally managed by DLA and is currently available for requisition from DSCP



**> 60°F
(-51°C)**



Mountain Ski Boot



Current Status

- **Currently available for requisition**
- **Phasing out stock and replacing with local purchase options**
- **Continuous market survey for potential local purchase options**





Boots – Cold (Wet and Dry) Weather



Future Capabilities

- **Decreased weight and bulk**
- **Enhanced ankle stability, support and mobility in rugged mountainous terrain**
- **Multifunctional items**
- **Current R&D effort underway to identify salient characteristics required in a Mountain Combat Boot**



Boots - Future



Modular Boot System



Army Requirements

Provide a multifunctional, multi-theater footwear system for the Soldier to be worn in operational environments with ambient temperatures ranging from -20° to 110° F (Threshold) [-60° to 120 ° F (Objective)]



Modular Boot System



Current Status

- **Contracts awarded (1FY06)**
- **Developmental Testing (FY06-FY07)**
- **Downselect to one Concept (4FY07)**
- **User Testing (FY07-08)**
- **Production & Transition to DLA, DSCP (FY09)**



Modular Boot System



Future Capabilities

Study Soldier feedback and incorporate new technologies/capabilities into other boot programs



Army Combat Boot (HW –Flame Resistant)



Army Requirements

**Chief of Staff of the Army's
Rapid Fielding Initiative**

Army Combat Boot (HW – Flame Resistant)



Current Status

- Flame Resistant, breathable leather & fabric uppers
- Combination speed lace and eyelet lacing system
- Padded comfort collar
- Non-marking, oil resistant rubber outsole
- Shock absorbing polyether polyurethane midsole for comfort & injury reduction
- Flame & conductive heat resistant upper and soling system
- Currently authorized for flight & Combat Vehicle Crewman use
- Currently issued through RFI; Sustainment by DLA through DSCP beginning FY09.





Mountain Combat Boot



Future Capabilities

- Joint effort with SOF to identify available COTS items
- Replacement for Mountain Ski Boot (local purchase)

Status

- Current R&D effort underway to identify salient characteristics required in a Mountain Combat Boot