



PROGRAM EXECUTIVE OFFICE SOLDIER

THE BEST
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US Army Footwear

Advanced Planning Brief for Industry

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Outline



- Current
- Future
- Product Improvements
- POCs
- Questions



Boots - Current

Army Combat Boot (Hot Weather)



SYSTEM DESCRIPTION:

- Flesh-side out cattlehide leather and nylon uppers
- Combination speed lace and eyelet lacing system
- Padded comfort collar
- Non-marking, oil resistant outsole
- Shock attenuating soling system for durability and injury reduction
- Drainage eyelets
- Safety Toe variants available for those populations requiring safety footwear

ACTIONS:

- Clothing Initial Issue Bag item
- Currently one (1) pair per IET trainee
- Effective FY10, two (2) pair per IET trainee
- Mandatory possession item for all Soldiers per AR 670-1

OBJECTIVE: To provide the state of the art in hot weather combat footwear for use in both wet and dry operational environments

BOI: 1 per Soldier

NSN: 8430-01-516-1659 (size 10R)

STATUS: Item is centrally managed by DLA and is currently available for requisition from DSCP



Army Combat Boot (Temperate Weather)



SYSTEM DESCRIPTION:

- Water resistant/breathable tan leather and Cordura® 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 & flame resistant, shock attenuating soling system for durability and injury reduction
- Limited flame and conductive heat resistance
- Liquid fuel penetration protection

OBJECTIVE: To provide the state-of-the-art temperate weather combat footwear with integrated safety features for the U.S. Army Aviation Community

BOI: 1 per Soldier in Clothing Initial Issue Bag

NSN: 8430-01-516-1659 (size 10R)

ACTIONS:

- Clothing Initial Issue Bag item
- One (1) pair per IET trainee
- Mandatory possession item for all Soldiers per AR 670-1

STATUS: Item is centrally managed by DLA and is currently available for requisitioning from DSCP

Intermediate Cold-Wet Boot with Removable Liner (Tan)



SYSTEM DESCRIPTION:

- Water resistant/breathable tan flesh-side out cattlehide 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 resistant, rubber outsole
- Shock attenuating soling system for durability and injury reduction
- Boot is issued with two insulated, removable booties [removable bootie NSN 8335-01-472-1734 (size 10N/R)]

OBJECTIVE: To provide a boot to be worn by mounted and dismounted Soldiers whose mission is in cold, wet environments where the mean monthly temperatures down to 14 degrees Fahrenheit (-10 degrees Celsius)

BOI: 1 per Soldier

NSN: 8430-01-527-8293 (size 10R)

STATUS: Item is centrally managed by DLA and is currently available for requisition from DSCP



Extreme Cold Weather Boot



SYSTEM DESCRIPTION:

- 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

OBJECTIVE: The ECWB is intended to be worn in extreme cold environments. The boot will provide protection against the environmental hazards down to -60°F (-51°C).

BOI: 1 per Soldier

NSN: 8430-00-655-5563 (size 10R)

STATUS: Item is centrally managed by DLA and is currently available for requisition from DSCP

Army Combat Boot (Hot Weather – FR)



SYSTEM DESCRIPTION:

- Water resistant/breathable tan, flesh-side out cattlehide leather and fabric uppers
- Durable wicking, antimicrobial fabric inner lining
- Combination speed lace and eyelet lacing system
- Non-marking, shock attenuating soling system for durability and injury reduction
- Limited flame and conductive heat resistance

OBJECTIVE: To provide a combat boot that will be highly breathable, flame and conductive heat resistant designed to meet the safety requirements of the US Army flight and Combat Vehicle Crewman community

BOI: 1 per Flight Crew Member or Combat Vehicle Crew Member

NSN: TBD

ACTIONS:

- RFI (Flight and Combat Vehicle Crewman only)
- Available for requisition through DSCP FY10

STATUS: Authorized for flight & Combat Vehicle Crewman use



Boots - Future



Modular Boot System



SYSTEM DESCRIPTION:

- Flame-Resistant Hot Weather Base Boot
- Shock Attenuating, slip resistant soling system
- Non-insulated waterproof booties (2 pair)
- Insulated Cold Weather Overboot

OBJECTIVE: 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)]

BOI: 1 system per Soldier

NSN: TBD

STATUS: Production & Transition to DLA, DSCP (FY10)



Modular Boot System



Key Milestones	Key Dates
Contracts awarded	1QFY06
Developmental Testing	1QFY06
Down select to one Concept	4QFY07
User Testing	FY07-08
Production & Transition to DLA, DSCP	(FY10)



Mountain Combat Boot



SYSTEM DESCRIPTION:

- Full grain, nubuk leather upper
- Combination speed lace and eyelet lacing system
- Comfort collar
- Non-marking, oil and slip resistant rubber outsole
- Waterproof
- Rubber rand for added durability abrasion resistance

OBJECTIVE: To provide a combat-effective mountain boot with the ankle stability, support and mobility required in a mountainous environment

BOI: 1 per Soldier

NSN: TBD

ACTIONS:

- RFI (OEF only)
- OCIE

STATUS:

- Item is current issued through RFI in support of OEF only
- Current SEP Program to Type Classify replacement for Ski March Boot in CTA



Mountain Combat Boot



Key Milestones	Key Dates
First ONS supported	1Q FY07
Approved as SEP program	FY08
R&D study	1QFY08
Solicitation	3QFY09
R & D contract award	3QFY09
Limited user evaluation	4QFY09
Production award	1QFY10



Product Improvements



- Transition of both Clothing Initial Issue Bag boots to a new type of last and Direct Attach Soling System (FY09-11)
 - ACB(TW)
 - ACB(HW)

- Study Soldier feedback from MBS program and incorporate new technologies/capabilities into other boot programs



POC List



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