NDIA 2005 International Small Arms Symposium & Expo

S.C.A.R.

S.O.F. COMBAT ASSAULT RIFLE

OPERATOR ENVISIONED, TESTED, CHOSEN

Mr. Troy Smith
19 May 2005
Why SCAR?

SCAR gives the SOF Operator a Weapon that is Specifically Designed for SOF By SOF

Harnessing the Power of Technology for the Warfighter
Program Requirements

SCAR JORD approved January 2004

Provides a Family of Weapons with Ergonomic and Parts Commonality, thereby Enhancing Mission Effectiveness, Reducing Training Time and Logistics Down Time and Cost

Modularity (Barrel and Caliber) Increases Operational Flexibility and Reduces number of Weapons required to meet the Operational Need

Initial Weapons Family (5.56mm, 7.62mm, 40mm) with

- Increased Reliability
  - System Service Life 90K System Service Life
  - Barrel Life 15-35K Barrel Life
  - Environmental Capabilities Over-the-Beach

- Reduced Signature
  - Life Cycle Costs 60-90% Parts Compatibility
  - Training 100% Ergonomic Commonality

Harnessing the Power of Technology for the Warfighter
Program Highlights

- Conducted in a Full and Open Competition
- Nine Industry participants (12 Proposals) in Go/No Go Process
- 14 SOF Operators assessed Samples/7 SOF Operators acted as Voting Members on Source Selection Board
- Less than 10 Months from Solicitation Issue to Contract Award
- Contract awarded 5 November to FN Herstal
- Concurrent Development of SCAR L, SCAR H and EGLM
- True Teaming Triad between Operators, Government and FN

Operator Envisioned, Tested, and Chosen
Harnessing the Power of Technology for the Warfighter
SCAR Family

Caliber: 5.56mm
Tailored for 5.56mm
Weight: 7.2 lb
Magazine Capacity: 30rd

Caliber: 7.62mm
Caliber Modularity
Weight: 8.1 lb
Magazine Capacity: 20rd

Common Features

Operation: Short Stroke Piston
100% Ergonomic Compatibility
Rate of Fire: 550rpm
EGLM Compatible

Barrel Modularity: CQC, STD, and SV
Enhanced Folding Stock
OTB Capable
SOPMOD Compatible

Harnessing the Power of Technology for the Warfighter
**Operator Involvement**

- Operator involvement in Requirements Generation process, including Early Market Research with Industry
- 14 Operators involved in Early User Assessment
- 7 Operators on Source Selection panel
SCAR Strategies

Operator Involvement

- Conducted Three “Joint” Design Reviews within 5 months with FN
- Reviewed all “ECPs” from the initial DT and Early User Assessment
- Incorporated many of the ECPs in preparation for next Phase of Testing

Zutendaal, Belgium, SCAR H

Zutendaal, Belgium, SCAR L

Next Joint Design Review June 2005

Operators involved with Contractor Testing at FN June-August 05

Harnessing the Power of Technology for the Warfighter
SCAR UPGRADES

Operator Tested For Improvement

New Sear/Trigger
Fenced Controls
Composite Material
Improved Safety Lever
Fenced Controls
Thinner Grip
Detent Adjust
Ergo Profile
Composite Material
.25in Thinner Than Product Sample

Harnessing the Power of Technology for the Wartighter
EGLM

Push Button Safety

Attaches at 6 o'clock Rail

Lock Breech

EGLM Trigger Mechanisms optimized per SCAR Configuration

Harnessing the Power of Technology for the Warfighter
Possible Business Opportunities

Training
  - Force on Force
  - Computer Based Training
  - Simulators

Future Ammunition
  - Enhancements
  - New Calibers

SCAR L, H and EGLM Test Units scheduled for delivery on 31 August 2005
SCAR Schedule

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2005
- Design Review # 2
- Design Review # 3
- On-Site FN Testing
- Delivery of Test Units
- DT2
- UA2

2006
- Milestone C
- LRIP Production
- Delivery of LRIPs
- IOT&E

2007
- FRP
- SCAR L, H, & EGLM FUE
- Increment 3
- IOT&E

Harnessing the Power of Technology for the Warfighter
Conclusion

USSOCOM is Leading the Next Evolutionary Step in Small Arms Development...at a Revolutionary Pace

- **SCAR Program Fills a Need That Years of SOF Operator Experience Tells Us Still Exists**

- **A Multipurpose Weapon of Choice With Choices for Today’s and Tomorrow’s Battlefields**

- **SCAR Program Will Field the Best Possible Weapon System to the SOF Operator**
Contact Information

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