

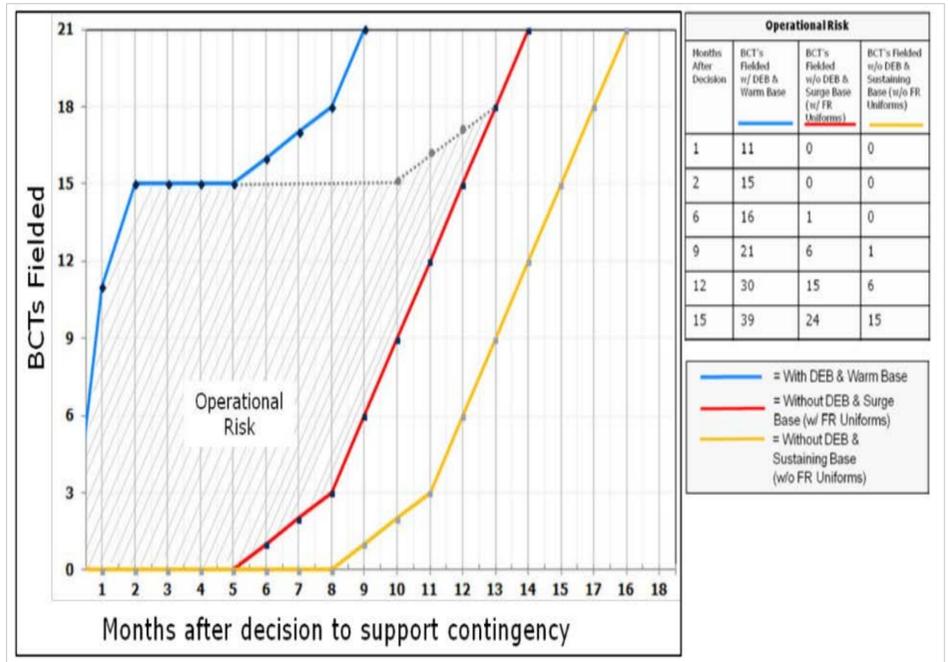
Innovative Defense Acquisition Concept Deployer Equipment Bundle (DEB)



Naval
Postgraduate
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Abstract

The military spends resources ensuring individual Warfighter equipment is technologically-advanced and operationally effectiveness/suitable. Certain types of Warfighter equipment, specifically durable goods, have long service lives; therefore, Services cannot afford to replace all Warfighter equipment when advances in capability or weight reduction are achieved. However, like pre-positioned stocks of heavy combat equipment, having stocks of modern Warfighter equipment in a non-contingent environment ready for early deployers, ensures readiness and buys time for industrial base ramp-up.



Potential Operational Risk with Equipping Immediate Deployers (Source: PM SPIE, 2013)

Methods

A. DOTmLPF

(Doctrine, Organization, Training, materiel, Leadership & education, Personnel, Facilities)

1. RFI: Rapid Fielding Initiative
2. APS: Army Prepositioned Stock
3. ICCE: Individual Clothing Combat Equipment
4. OCIE: Organizational Clothing and Individual Equipment

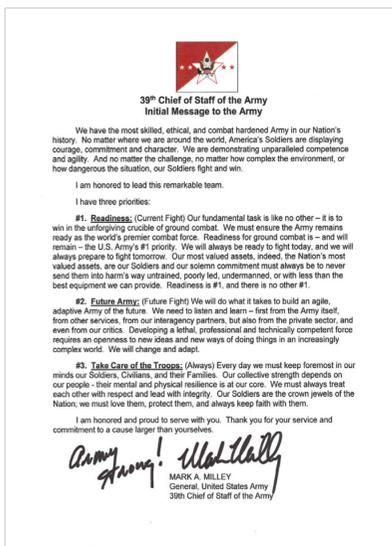
B. Strength, Weakness, Opportunity, Threat (SWOT)

C. Quantitative Analysis

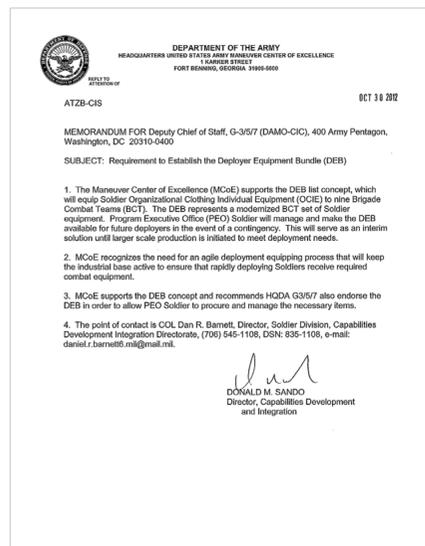
1. Define variable criteria
2. Assign weight factors
3. Define performance levels
4. Sensitive analysis

Results

The DEB concept would outfit early deploying Brigade Combat Teams (BCTs) to the next major contingency with the most modern, lifesaving equipment available, providing sufficient buffer stock to enable the industrial base to ramp up to full capacity. This concept procures OCIE/PPE for immediate capability needs and will include FR uniforms, along with OCIE. The DEB concept increases flexibility while reducing operational risks to the Army. We found that an effective implementation of a DEB concept should leverage the best practices of the Army RFI operations, APS operations, USMC ICCE operations



#1 READINESS



MCoE
FULL SUPPORT

DEB Item	USER	BOI	Size Tariff	# Items per BCT	Total Cost for 1 BCT	Total Cost for 15 BCTs	Basis for Position on List	POM Status
Soldier Protection System	All Soldiers	1	1.08	5,076	\$38.23M	\$573.410M	Program of Record (PoR) - initial fielding to DEB	POM'd
Army Combat Glove	Ground & Mounted Soldiers	2	1.15	10,053	\$315M	\$4.730M	Program of Record (PoR) - initial fielding to DEB	POM'd
Fire Resistant Environmental Ensemble	Air & Mounted Soldiers	1	1.15	541	\$1.629M	\$24.435M	Program of Record (PoR) - initial fielding to DEB	POM'd
FR ACU Trousers	All Ground Soldiers	3	1.15	14,591	\$1.295M	\$19.422M	Combat Item Only - not in CIFs	Not POM'd
FR ACU Coats	All Ground Soldiers	2	1.15	9,729	\$834M	\$12.508M	Combat Item Only - not in CIFs	Not POM'd
Sun Hat	Air Soldiers	1	1.15	5,405	\$0.53M	\$7.95M	Combat Item Only - not in CIFs	Not POM'd
Army Combat Shirt	All Ground Soldiers	4	1.15	21,620	\$1.882M	\$28.224M	PoR - Combat Item Only - not in CIFs	POM'd
Army Combat Pant	All Ground Soldiers	2	1.15	10,810	\$1.671M	\$25.064M	PoR - Combat Item Only - not in CIFs	POM'd
Cold Weather Clothing System (Gen III)	All Ground Soldiers	1	1.15	4,865	\$4.698M	\$70.471M	PoR - In sustainment	Partially POM'd
MOLLE System (Large and Med Ruck, TAP, Rifleman Set, etc)	All Soldiers	1	1.00	4,700	\$4.249M	\$63.731M	PoR - In sustainment	Partially POM'd
A2CU	Air Soldiers	3	1.15	1,135	\$342M	\$5.125M	PoR - In sustainment	Partially POM'd
iVC	Mounted Soldiers	3	1.15	486	\$121M	\$1.818M	PoR - In sustainment	Partially POM'd
Patrol Cap	All Soldiers	1	1.15	5,405	\$0.41M	\$6.09M	PoR - Clothing Bag	POM'd
Accessory Kit	All Soldiers	1	1.00	4,700	\$394M	\$5.916M	Rqd to ensure proper rank/unit, etc	POM'd
Total Cost					\$55.750M	\$836.257M		

DEB EQUIPMENT LIST
FOR 1 BCT ONLY
(Source: TRADOC, Sep. 2013)