

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Butera Deborah Sue</u> (Last) (First) (Middle) <u>4820 EASTGATE MALL</u> (Street) <u>SAN DIEGO CA 92121</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>09/10/2010</u>	3. Issuer Name and Ticker or Trading Symbol <u>KRATOS DEFENSE & SECURITY SOLUTIONS, INC. [KTOS]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>General Counsel & Secretary</u>	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
<u>Restricted Stock Unit</u>	<u>(1)</u>	<u>09/10/2020</u>	<u>Common Stock</u>	<u>15,000</u>	<u>(2)</u>	<u>D</u>	

Explanation of Responses:

- 7,500 of the restricted stock units vest in four equal installments annually beginning September 10, 2011. The remaining 7,500 restricted stock units vest September 10, 2014. Vested shares will be delivered to the reporting person on the first date which is administratively practicable for the distribution of the vested shares, subject to the reporting person continuing to provide service as an employee to the Issuer on each applicable vesting date.
- Each restricted stock unit represents a contingent right to receive one share of Issuer's common stock.

Deborah S. Butera, by Eva Yee, Attorney-In-Fact 09/22/2010
 ** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 5 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.