

OMB APPROVAL	
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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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>Gigoux Marilyn Ann</u>  (Last) (First) (Middle) <u>RESEARCH TRIANGLE PARK</u> <u>637 DAVIS DRIVE</u>  (Street) <u>MORRISVILLE NC 27560</u>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>AVIAT NETWORKS, INC. [ AVNW ]</u>	5. 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>SVP, Chief Human Resources Off</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>01/25/2010</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year) <u>01/27/2010</u>		

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	01/25/2010		A		9,698 <sup>(1)(2)</sup>	A	\$0	9,698	D	

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)					

**Explanation of Responses:**

- This amendment is being filed to correct the vesting schedule previously reported (original filing 1/27/2010, with the Issuer formerly named "Harris Stratex Networks, Inc." [HSTX]) of the performance shares granted on January 25, 2010. No change in the securities previously reported is being made.
- Performance shares, which are subject to vesting. Vesting requires both (a) continuing employment with the Corporation through the end of the Corporation's fiscal year 2012 (approximately June 29, 2012), and (b) achievement of at least the minimum cumulative performance result for the three-year period set forth in the Specific Terms and Conditions. Unvested performance shares are subject to repurchase by the Corporation at \$0.01 per share if eligible employment ends or, following the determination of actual Corporation performance versus metrics, to the extent such performance shares do not vest.

/s/ Marilyn Ann Gigoux 02/16/2010

\*\* 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 4 (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.

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