

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13D
(Rule 13d-101)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT
TO § 240.13d-1(a) AND AMENDMENTS THERETO FILED PURSUANT TO
§ 240.13d-2(a)

(Amendment No. 2)¹

Aviat Networks, Inc.
(Name of Issuer)

Common Stock, par value \$0.01
(Title of Class of Securities)

05366Y102
(CUSIP Number)

Warren G. Lichtenstein
Steel Partners Holdings L.P.
590 Madison Avenue, 32nd Floor
New York, New York 10022
(212) 520-2300
(Name, Address and Telephone Number of Person
Authorized to Receive Notices and Communications)

September 15, 2014
(Date of Event Which Requires Filing of This Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box .

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See § 240.13d-7 for other parties to whom copies are to be sent.

¹ The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the *Notes*).

1	NAME OF REPORTING PERSONS STEEL EXCEL INC.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS WC	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION DELAWARE	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER - 0 -
	8	SHARED VOTING POWER 5,133,442
	9	SOLE DISPOSITIVE POWER - 0 -
	10	SHARED DISPOSITIVE POWER 5,133,442
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 5,133,442	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 8.3%	
14	TYPE OF REPORTING PERSON CO	

1	NAME OF REPORTING PERSONS STEEL PARTNERS HOLDINGS L.P.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS AF	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION DELAWARE	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER - 0 -
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13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 8.3%	
14	TYPE OF REPORTING PERSON PN	

1	NAME OF REPORTING PERSONS SPH GROUP LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS AF	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION DELAWARE	
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13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 8.3%	
14	TYPE OF REPORTING PERSON OO	

1	NAME OF REPORTING PERSONS SPH GROUP HOLDINGS LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS AF	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION DELAWARE	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER - 0 -
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12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 8.3%	
14	TYPE OF REPORTING PERSON OO	

1	NAME OF REPORTING PERSONS STEEL PARTNERS HOLDINGS GP INC.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS AF	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION DELAWARE	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER - 0 -
	8	SHARED VOTING POWER 5,133,442
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13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 8.3%	
14	TYPE OF REPORTING PERSON CO	

The following constitutes Amendment No. 2 to the Schedule 13D filed by the undersigned ("Amendment No. 2"). This Amendment No. 2 amends the Schedule 13D as specifically set forth herein.

Item 3. Source and Amount of Funds or Other Consideration.

Item 3 is hereby amended and restated to read as follows:

The aggregate purchase price of the 5,133,442 Shares owned directly by Steel Excel is approximately \$8,561,210, including brokerage commissions. The Shares owned directly by Steel Excel were acquired with the working capital of Steel Excel.

Item 5. Interest in Securities of the Issuer.

Items 5(a) and (c) are hereby amended and restated to read as follows:

(a) The aggregate percentage of Shares reported owned by each person named herein is based upon 62,149,780 Shares outstanding, which is the total number of Shares outstanding as of April 30, 2014, as reported in the Issuer's Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on May 7, 2014.

As of the close of business on September 16, 2014, Steel Excel owned directly 5,133,442 Shares, constituting approximately 8.3% of the Shares outstanding. By virtue of their relationships with Steel Excel discussed in further detail in Item 2, each of SPHG Holdings, Steel Holdings, SPHG and Steel Holdings GP may be deemed to beneficially own the Shares owned directly by Steel Excel.

(c) Schedule A annexed hereto lists all transactions in the Shares of the Issuer by the Reporting Persons since the filing of Amendment No. 1. All of such transactions were effected in the open market.

SIGNATURES

After reasonable inquiry and to the best of his knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated: September 17, 2014

STEEL EXCEL INC.

By: /s/ James F. McCabe, Jr.
James F. McCabe, Jr., Chief Financial Officer

STEEL PARTNERS HOLDINGS L.P.

By: Steel Partners Holdings GP Inc.
General Partner

By: /s/ Jack L. Howard
Jack L. Howard, President

SPH GROUP LLC

By: Steel Partners Holdings GP Inc.
Managing Member

By: /s/ Jack L. Howard
Jack L. Howard, President

SPH GROUP HOLDINGS LLC

By: Steel Partners Holdings GP Inc.
Manager

By: /s/ Jack L. Howard
Jack L. Howard, President

STEEL PARTNERS HOLDINGS GP INC.

By: /s/ Jack L. Howard
Jack L. Howard, President

SCHEDULE A

Transactions in the Shares Since the Filing of Amendment No. 1 to the Schedule 13D

<u>Class of Security</u>	<u>Securities Purchased</u>	<u>Price (\$)</u>	<u>Date of Purchase</u>
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STEEL EXCEL INC.

Common Stock	460,053	1.6993	9/11/2014
Common Stock	55,922	1.7140	9/12/2014
Common Stock	312,709	1.7687	9/15/2014
Common Stock	131,897	1.7492	9/16/2014