AVIAT NETWORKS, INC. Form SC 13D/A February 07, 2011

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. 5)1

Aviat Networks, Inc.

(Name of Issuer)

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

41457P106 (CUSIP Number)

MARK MITCHELL RAMIUS LLC 599 Lexington Avenue, 20th Floor New York, New York 10022 (212) 845-7988

STEVE WOLOSKY, ESQ. OLSHAN GRUNDMAN FROME ROSENZWEIG & WOLOSKY LLP

Park Avenue Tower 65 East 55th Street New York, New York 10022 (212) 451-2300

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

February 4, 2011 (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 mass shall be filled out for a remarking marson's initial filing on this form with
	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
disclosure	es 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	1 NAME OF REPORTING PERSON				
2	CHECK THE .	LUE AND OPPOR APPROPRIATE I	(a) o (b) o		
3	SEC USE ONI	LY			
4	SOURCE OF I	FUNDS			
5	WC CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS " IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)				
6	CITIZENSHIP OR PLACE OF ORGANIZATION				
	CAYMAN ISI	ANDS			
NUMBER OF		7	SOLE VOTING POWER		
SHARES BENEFICIALLY OWNED BY EACH	•	8	2,505,420 SHARED VOTING POWER		
REPORTING PERSON WITH		9	- 0 - SOLE DISPOSITIVE POWER		
		10	2,505,420 SHARED DISPOSITIVE POWE	R	
11	AGGREGATE	AMOUNT BEN	- 0 - EFICIALLY OWNED BY EACH	REPORTING PERSON	
12	2,505,420 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) o EXCLUDES CERTAIN SHARES				
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)				
14	4.2% TYPE OF REPORTING PERSON				
	CO				

1	NAME OF RE	PORTING PERS	ON		
2	RAMIUS OPTIMUM INVESTMENTS LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (b) o SEC USE ONLY				
4	SOURCE OF F	FUNDS			
5	WC CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS '' IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)				
6	CITIZENSHIP	OR PLACE OF O	ORGANIZATION		
NUMBER OF SHARES	DELAWARE	7	SOLE VOTING POWER		
BENEFICIALLY OWNED BY EACH		8	119,100 SHARED VOTING POWER		
REPORTING PERSON WITH		9	- 0 - SOLE DISPOSITIVE POWER		
		10	119,100 SHARED DISPOSITIVE POWE	R	
11	AGGREGATE	AMOUNT BEN	- 0 - EFICIALLY OWNED BY EACH	REPORTING PERSON	
12	119,100 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) o EXCLUDES CERTAIN SHARES				
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)				
14	Less than 1% TYPE OF REPORTING PERSON				
	OO				
2					

1	NAME OF REPORTING PERS	ON			
	COWEN OVERSEAS INVESTMENT LP				
2	CHECK THE APPROPRIATE I	BOX IF A MEMBER OF A	(a) o		
3	GROUP SEC USE ONLY		(b) o		
4	SOURCE OF FUNDS				
4	SOURCE OF FUNDS				
5	WC CHECK BOX IE DISCLOSTIDE	E OE I ECAT DDOCEEDINGS :			
3	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS " IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)				
6	CITIZENSHIP OR PLACE OF ORGANIZATION				
	CAYMAN ISLANDS				
NUMBER OF	7	SOLE VOTING POWER			
SHARES BENEFICIALLY		228,809			
OWNED BY	8	SHARED VOTING POWER			
EACH REPORTING		- 0 -			
PERSON WITH	9	SOLE DISPOSITIVE POWER			
		228,809			
	10	SHARED DISPOSITIVE POWE	R		
		- 0 -			
11	AGGREGATE AMOUNT BEN	EFICIALLY OWNED BY EACH	REPORTING PERSON		
12	228,809 CHECK BOX IE THE ACCRE		_		
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) o EXCLUDES CERTAIN SHARES				
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)				
10		ZI. IZZ ZI IMZOOM INKOW	(/		
14	Less than 1% TYPE OF REPORTING PERSON				
	PN				
	r IN				

1	NAME OF RE	PORTING PERS	ON		
2	RAMIUS ADVISORS, LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (b) o SEC USE ONLY				
4	SOURCE OF F	FUNDS			
5	OO CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS '' IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)				
6	CITIZENSHIP	OR PLACE OF O	ORGANIZATION		
NUMBER OF SHARES	DELAWARE	7	SOLE VOTING POWER		
BENEFICIALLY OWNED BY EACH		8	347,909 SHARED VOTING POWER		
REPORTING PERSON WITH		9	- 0 - SOLE DISPOSITIVE POWER		
		10	347,909 SHARED DISPOSITIVE POWE	R	
11	AGGREGATE	AMOUNT BEN	- 0 - EFICIALLY OWNED BY EACH	REPORTING PERSON	
12	347,909 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) o EXCLUDES CERTAIN SHARES				
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)				
14	Less than 1% TYPE OF REPORTING PERSON				
	00				
5					

1	NAME OF RE	PORTING PERS	ON	
2	RAMIUS VALUE AND OPPORTUNITY ADVISORS LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) o (b) o			
3	SEC USE ONL	LY		
4	SOURCE OF F	FUNDS		
5	OO CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS " IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)			
6	CITIZENSHIP	OR PLACE OF O	ORGANIZATION	
NUMBER OF SHARES	DELAWARE	7	SOLE VOTING POWER	
BENEFICIALLY OWNED BY EACH		8	2,505,420 SHARED VOTING POWER	
REPORTING PERSON WITH		9	- 0 - SOLE DISPOSITIVE POWER	
		10	2,505,420 SHARED DISPOSITIVE POWE	R
11	AGGREGATE	AMOUNT BEN	- 0 - EFICIALLY OWNED BY EACH	REPORTING PERSON
12	2,505,420 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) o EXCLUDES CERTAIN SHARES			
13	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(11)
14	4.2% TYPE OF REPORTING PERSON			
	OO			

1	NAME OF RE	PORTING PERS	ON	
2	RAMIUS LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (b) o SEC USE ONLY			
4	SOURCE OF I	FUNDS		
5	OO CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS " IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)			
6	CITIZENSHIP	OR PLACE OF	ORGANIZATION	
NUMBER OF SHARES	DELAWARE	7	SOLE VOTING POWER	
BENEFICIALLY OWNED BY EACH		8	2,853,329 SHARED VOTING POWER	
REPORTING PERSON WITH		9	- 0 - SOLE DISPOSITIVE POWER	
		10	2,853,329 SHARED DISPOSITIVE POWE	R
11	A CODEC A TE	AMOUNT DEN	-0-	DEDODTING DEDGON
11	AGGREGATE	AMOUNT BEN	EFICIALLY OWNED BY EACH	REPORTING PERSON
12	2,853,329 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) o EXCLUDES CERTAIN SHARES			
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)			
14	4.8% TYPE OF REPORTING PERSON			
	00			
7				

1	NAME OF REPORTING PERSON	
2	COWEN GROUP, INC. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP	(a) (b)
3	SEC USE ONLY	(b)
4	SOURCE OF FUNDS	
5	OO CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)	
6	CITIZENSHIP OR PLACE OF ORGANIZATION	
	DELAWARE	