

NightHawk Radiology Holdings Inc
 Form 4
 September 25, 2006

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Berger Paul E

2. Issuer Name and Ticker or Trading Symbol
 NightHawk Radiology Holdings Inc
 [NHWK]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 250 NORTHWEST BLVD, #202
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 09/22/2006

Director 10% Owner
 Officer (give title below) Other (specify below)
 Chief Executive Officer

COEUR D'ALENE, ID 83814

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(City) (State) (Zip)

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)
				(A) or (D)	Price		
Common Stock	09/22/2006		S(1)	100	D \$ 18.92	5,813,599	D
Common Stock	09/22/2006		S(1)	300	D \$ 18.8	5,813,299	D
Common Stock	09/22/2006		S(1)	300	D \$ 18.79	5,812,999	D
Common Stock	09/22/2006		S(1)	100	D \$ 18.74	5,812,899	D
Common Stock	09/22/2006		S(1)	1,100	D \$ 18.72	5,811,799	D

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Common Stock	09/22/2006	<u>S(1)</u>	500	D	\$ 18.71	5,811,299	D
Common Stock	09/22/2006	<u>S(1)</u>	2,562	D	\$ 18.7	5,808,737	D
Common Stock	09/22/2006	<u>S(1)</u>	300	D	\$ 18.69	5,808,437	D
Common Stock	09/22/2006	<u>S(1)</u>	1,738	D	\$ 18.68	5,806,699	D
Common Stock	09/22/2006	<u>S(1)</u>	4,600	D	\$ 18.67	5,802,099	D
Common Stock	09/22/2006	<u>S(1)</u>	2,700	D	\$ 18.66	5,799,399	D
Common Stock	09/22/2006	<u>S(1)</u>	7,894	D	\$ 18.65	5,791,505	D
Common Stock	09/22/2006	<u>S(1)</u>	1,300	D	\$ 18.64	5,790,205	D
Common Stock	09/22/2006	<u>S(1)</u>	706	D	\$ 18.63	5,789,499	D
Common Stock	09/22/2006	<u>S(1)</u>	994	D	\$ 18.62	5,788,505	D
Common Stock	09/22/2006	<u>S(1)</u>	6,300	D	\$ 18.61	5,782,205	D
Common Stock	09/22/2006	<u>S(1)</u>	13,506	D	\$ 18.6	5,768,699	D
Common Stock	09/22/2006	<u>S(1)</u>	900	D	\$ 18.59	5,767,799	D
Common Stock	09/22/2006	<u>S(1)</u>	1,000	D	\$ 18.58	5,766,799	D
Common Stock	09/22/2006	<u>S(1)</u>	600	D	\$ 18.57	5,766,199	D
Common Stock	09/22/2006	<u>S(1)</u>	2,200	D	\$ 18.56	5,763,999	D
Common Stock	09/22/2006	<u>S(1)</u>	2,400	D	\$ 18.55	5,761,599	D
Common Stock	09/22/2006	<u>S(1)</u>	1,200	D	\$ 18.54	5,760,399	D
Common Stock	09/22/2006	<u>S(1)</u>	3,100	D	\$ 18.53	5,757,299	D
Common Stock	09/22/2006	<u>S(1)</u>	2,900	D	\$ 18.52	5,754,399	D
	09/22/2006	<u>S(1)</u>	100	D	\$ 18.5	5,754,299	D

Explanation of Responses:

* 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).

(1) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on May 24, 2006.

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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