

NIGHTHAWK RADIOLOGY HOLDINGS INC

Reported by
BROPHY DAVID J

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 06/01/10 for the Period Ending 05/28/10

Address	601 FRONT AVENUE, SUITE #502 COEUR D ALENE, ID 83814
Telephone	208-292-2251
CIK	0001292470
Symbol	NHWK
SIC Code	8090 - Miscellaneous Health And Allied Services, Not
Industry	Healthcare Facilities
Sector	Healthcare

FORM 4

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

**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(f) of the
Investment Company Act of 1940

1. Name and Address of Reporting Person * Brophy David J <small>(Last) (First) (Middle)</small> C/O NIGHTHAWK RADIOLOGY HOLDINGS, INC., 601 FRONT AVE., SUITE 502 <small>(Street)</small> COEUR D'ALENE, ID 83814 <small>(City) (State) (Zip)</small>	2. Issuer Name and Ticker or Trading Symbol NightHawk Radiology Holdings Inc [NHWK] 3. Date of Earliest Transaction (MM/DD/YYYY) <p align="center">5/28/2010</p>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director _____ 10% Owner <input type="checkbox"/> Officer (give title below) _____ Other (specify below) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
4. If Amendment, Date Original Filed (MM/DD/YYYY)		

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

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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	5/28/2010		A		39185 (1)	A	\$0	78072	D	

Table II - Derivative Securities Beneficially Owned (e.g. , puts, calls, warrants, options, convertible securities)

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	6. Date Exercisable and Expiration Date		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 of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		(A)	(D)	Date Exercisable	Expiration Date				

Explanation of Responses:

(1) The shares being reported as granted to the reporting person were part of the company's annual director compensation plan and are subject to a restricted stock unit grant representing a contingent right to receive shares of NHWK Common Stock upon vesting. The shares will become vested as to 1/3 of the total shares on each of the three anniversaries following the grant date.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Brophy David J C/O NIGHTHAWK RADIOLOGY HOLDINGS, INC. 601 FRONT AVE., SUITE 502 COEUR D'ALENE, ID 83814	X			

Signatures

Paul E. Cartee, Attorney-in-Fact

6/1/2010

** 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.

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 control number.