

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

| OMB APPROVAL | |
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| OMB Number: | 3235-0104 |
| Estimated average burden hours per response: | 0.5 |

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

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|--|--|---|---|
| 1. Name and Address of Reporting Person* <u>Lenk Robert P</u> (Last) (First) (Middle) <u>C/O LUNA INNOVATIONS INCORPORATED</u> <u>2851 COMMERCE STREET</u> (Street) <u>BLACKSBURG VA 24060</u> (City) (State) (Zip) | 2. Date of Event Requiring Statement (Month/Day/Year) <u>06/02/2006</u> | 3. Issuer Name and Ticker or Trading Symbol <u>LUNA INNOVATIONS INC [LUNA]</u> | |
| | | 4. 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>President, Luna nanoWorks Div</u> | 5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person |

Table I - Non-Derivative Securities Beneficially Owned

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
|---------------------------------|---|--|---|

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

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|-----------------|---|--|--|---|
| | Date Exercisable | Expiration Date | | | | |
| Employee Stock Option (Right to Buy) | (1) | 05/20/2015 | Common Stock 56,524 | 0.3538 | D | |
| Employee Stock Option (Right to Buy) | (2) | 11/11/2015 | Common Stock 56,524 | 1.7692 | D | |
| Employee Stock Option (Right to Buy) | (3) | 02/08/2016 | Common Stock 5,653 | 1.7692 | D | |

Explanation of Responses:

- 1/4 of the option shares became exercisable on May 20, 2006. The remaining option shares are exercisable at a rate of 1/36 per month thereafter.
- 1/4 of the option shares will become exercisable on October 27, 2006. The remaining option shares are exercisable at a rate of 1/36 per month thereafter.
- 1/4 of the option shares will become exercisable on February 8, 2007. The remaining option shares are exercisable at a rate of 1/36 per month thereafter.

/s/ Aaron S. Hullman, Esq., 06/02/2006
Attorney-in-Fact

** 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 5 (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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