

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934
(Amendment No. 2)

Superconductor Technologies, Inc.
460 Ward Street, Suite F, Santa Barbara CA 93111-2310

(Name of Issuer)
Common Stock

(Title of Class of Securities)

867931107

(CUSIP Number)

Check the following box if a fee is being paid with the statement []. (A fee is not required only if the reporting person: (1) has a previous statement on file reporting beneficial ownership of more than five percent of the class of securities described in Item 1; and (2) has filed no amendment subsequent thereto reporting beneficial ownership of five percent or less of such class.) (See Rule 13d-7.)

*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).

SCHEDULE 13G

CUSIP No. 867931107

Page 2 of 5 Pages

1 NAME OF REPORTING PERSON
S.S. OR I.R.S IDENTIFICATION NO. OF ABOVE PERSON
Lockheed Martin Corporation
I.R.S. Employer Identification No. 52-1893632

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a)
(b)

NOT APPLICABLE

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Maryland

5 SOLE VOTING POWER

NUMBER OF
SHARES 494,047

BENEFICIALLY OWNED BY 6 SHARED VOTING POWER

EACH 0

REPORTING PERSON 7 SOLE DISPOSITIVE POWER

WITH 494,047

8 SHARED DISPOSITIVE POWER

0

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

494,047

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

Approximately 6.5%

12 TYPE OF REPORTING PERSON

CO

*SEE INSTRUCTIONS BEFORE FILLING OUT!

SCHEDULE 13G

Amendment No. 2

Item 1(a). Name of Issuer.

Superconductor Technologies, Inc.

Item 1(b). Address of Issuer's Principal Executive

Offices.

460 Ward Street, Suite F
Santa Barbara, CA 93111-2310

Item 2(a). Name of Person Filing.

Lockheed Martin Corporation

Item 2(b). Address of Principal Business Office.

6801 Rockledge Drive
Bethesda, Maryland 20817

Item 2(c). Citizenship.

Maryland

Item 2(d). Title of Class of Securities.

Common Stock

Item 2(e). CUSIP Number.

867931107

Item 3.

This Schedule is not filed pursuant to Rules 13d-1(b), or 13d-2(b).

Item 4(a). Amount Beneficially Owned.

494,047

Item 4(b). Percent of Class.

Approximately 6.5%

Item 4(c). Number of Shares as to Which Such Person Has:

(i) sole power to vote or to direct the vote:

494,047

(ii) shared power to vote or to direct the vote:

0

(iii) sole power to dispose of or direct the disposition of:

494,047

(iv) shared power to dispose of or direct the disposition of:

0

Item 5. Ownership of Five Percent or Less of a Class.

Not applicable.

Item 6. Ownership of More than Five Percent on Behalf of

Another Person.

Not applicable.

Item 7. Identification and Classification of the Subsidiary

Which Acquired the Security Being Reported on By the

Parent Holding Company.

Not applicable.

Item 8. Identification and Classification of Members of the Group.

Not applicable.

Item 9. Notice of Dissolution of Group.

Not applicable.

Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purposes or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

LOCKHEED MARTIN CORPORATION

By: /s/ Stephen M. Piper

Stephen M. Piper
Associate General Counsel and
Assistant Secretary

Dated: February 14, 1997