

ESTERLINE TECHNOLOGIES CORP
Form 10-Q
May 06, 2016
UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 10-Q

☐ QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended April 1, 2016.

OR

☐ TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____

Commission file number 1-6357

ESTERLINE TECHNOLOGIES CORPORATION

(Exact name of registrant as specified in its charter)

Delaware
(State or other Jurisdiction of incorporation or organization)

13-2595091
(I.R.S. Employer Identification No.)

500 108th Avenue N.E., Bellevue, Washington 98004

(Address of principal executive offices)(Zip Code)

Registrant's telephone number, including area code (425) 453-9400

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes ☐ No ☐

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Indicate by check mark whether the registrant has submitted electronically and posted on its corporate website, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer

Accelerated filer

Non-accelerated filer (Do not check if a smaller reporting company) Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

As of May 4, 2016, 29,353,387 shares of the issuer's common stock were outstanding.

PART I – FINANCIAL INFORMATION

Item 1. Financial Statements

ESTERLINE TECHNOLOGIES CORPORATION

CONSOLIDATED BALANCE SHEET

As of April 1, 2016 and October 2, 2015

(In thousands, except share amounts)

| | April 1, 2016 (Unaudited) | October 2, 2015 |
|--|---------------------------------|--------------------|
| ASSETS | | |
| Current Assets | | |
| Cash and cash equivalents | \$219,271 | \$191,355 |
| Cash in escrow | 1,125 | - |
| Accounts receivable, net of allowances of \$8,746 and \$10,050 | 374,090 | 380,748 |
| Inventories | | |
| Raw materials and purchased parts | 175,848 | 169,153 |
| Work in progress | 187,056 | 181,187 |
| Finished goods | 97,813 | 96,428 |
| | 460,717 | 446,768 |
| Income tax refundable | 11,411 | 12,575 |
| Deferred income tax benefits | - | 41,082 |
| Prepaid expenses | 21,816 | 23,008 |
| Other current assets | 6,213 | 5,427 |
| Current assets of businesses held for sale | 19,217 | 27,851 |
| Total Current Assets | 1,113,860 | 1,128,814 |
| Property, Plant and Equipment | 771,321 | 729,317 |
| Accumulated depreciation | 443,957 | 419,918 |
| | 327,364 | 309,399 |
| Other Non-Current Assets | | |
| Goodwill | 1,042,283 | 1,041,991 |
| Intangibles, net | 425,457 | 452,040 |
| Deferred income tax benefits | 65,783 | 28,979 |
| Other assets | 15,988 | 14,348 |

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| | | |
|--|-------------|-------------|
| Non-current assets of businesses held for sale | 21,305 | 24,917 |
| Total Assets | \$3,012,040 | \$3,000,488 |

ESTERLINE TECHNOLOGIES CORPORATION

CONSOLIDATED BALANCE SHEET

As of April 1, 2016 and October 2, 2015

(In thousands, except share amounts)

| | April 1, 2016 (Unaudited) | October 2, 2015 |
|---|---------------------------------|---------------------|
| LIABILITIES AND SHAREHOLDERS' EQUITY | | |
| Current Liabilities | | |
| Accounts payable | \$ 123,309 | \$ 117,976 |
| Accrued liabilities | 257,681 | 259,734 |
| Current maturities of long-term debt | 17,182 | 13,376 |
| Federal and foreign income taxes | 1,527 | 2,404 |
| Current liabilities of businesses held for sale | 14,180 | 17,106 |
| Total Current Liabilities | 413,879 | 410,596 |
| Long-Term Liabilities | | |
| Credit facilities | 165,000 | 160,000 |
| Long-term debt, net of current maturities | 698,583 | 701,457 |
| Deferred income tax liabilities | 63,073 | 73,849 |
| Pension and post-retirement obligations | 74,188 | 75,019 |
| Other liabilities | 24,182 | 29,367 |
| Non-current liabilities of businesses held for sale | 822 | 2,409 |
| Shareholders' Equity | | |
| Common stock, par value \$.20 per share, authorized 60,000,000 shares, issued 32,481,814 and 32,378,185 shares | 6,496 | 6,476 |
| Additional paid-in capital | 694,022 | 682,479 |
| Treasury stock at cost, repurchased 3,033,660 and 2,831,350 shares | (301,856) | (289,780) |
| Retained earnings | 1,467,177 | 1,447,120 |
| Accumulated other comprehensive loss | (304,088) | (308,828) |
| Total Esterline Shareholders' Equity | 1,561,751 | 1,537,467 |
| Noncontrolling interests | 10,562 | 10,324 |
| Total Shareholders' Equity | 1,572,313 | 1,547,791 |
| Total Liabilities and Shareholders' Equity | \$ 3,012,040 | \$ 3,000,488 |

ESTERLINE TECHNOLOGIES CORPORATION
CONSOLIDATED STATEMENT OF OPERATIONS AND
COMPREHENSIVE INCOME (LOSS)

For the Three and Six Month Periods Ended April 1, 2016 and March 27, 2015

(Unaudited)

(In thousands, except per share amounts)

| | Three Months Ended | | Six Months Ended | |
|--|--------------------|-------------------------------|------------------|-------------------------------|
| | April 1, 2016 | March 27, 2015 (Recast) | April 1, 2016 | March 27, 2015 (Recast) |
| Net Sales | \$490,310 | \$468,210 | \$931,787 | \$972,821 |
| Cost of Sales | 334,137 | 318,193 | 637,895 | 644,563 |
| | 156,173 | 150,017 | 293,892 | 328,258 |
| Expenses | | | | |
| Selling, general & administrative | 102,423 | 99,432 | 196,514 | 197,521 |
| Research, development and engineering | 24,974 | 25,143 | 50,549 | 48,674 |
| Restructuring charges | 940 | 1,634 | 1,871 | 4,927 |
| Other (income) expense | - | (12,744) | - | (12,744) |
| Total Expenses | 128,337 | 113,465 | 248,934 | 238,378 |
| Operating Earnings from Continuing Operations | 27,836 | 36,552 | 44,958 | 89,880 |
| Interest Income | (94) | (135) | (181) | (319) |
| Interest Expense | 7,294 | 5,934 | 14,510 | 14,016 |
| Earnings from Continuing Operations Before Income Taxes | 20,636 | 30,753 | 30,629 | 76,183 |
| Income Tax Expense (Benefit) | 3,416 | 5,714 | 3,383 | 16,686 |
| Earnings from Continuing Operations Including | | | | |
| Noncontrolling Interests | 17,220 | 25,039 | 27,246 | 59,497 |
| Loss (Earnings) Attributable to Noncontrolling Interests | (224) | (108) | (386) | (91) |
| Earnings from Continuing Operations Attributable to | | | | |
| Esterline, Net of Tax | 16,996 | 24,931 | 26,860 | 59,406 |
| Loss from Discontinued Operations Attributable to | | | | |
| Esterline, Net of Tax | (2,023) | (14,600) | (6,803) | (20,476) |
| Net Earnings Attributable to Esterline | \$14,973 | \$10,331 | \$20,057 | \$38,930 |
| Earnings (Loss) Per Share Attributable to Esterline - Basic: | | | | |
| Continuing operations | \$0.58 | \$0.80 | \$0.91 | \$1.89 |
| Discontinued operations | (0.07) | (0.47) | (0.23) | (0.65) |
| Earnings (Loss) Per Share - Basic | \$0.51 | \$0.33 | \$0.68 | \$1.24 |

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| | | | | |
|--|----------|-------------|----------|-------------|
| Earnings (Loss) Per Share Attributable to Esterline - Diluted: | | | | |
| Continuing operations | \$0.57 | \$0.79 | \$0.90 | \$1.86 |
| Discontinued operations | (0.07) | (0.46) | (0.23) | (0.64) |
| Earnings (Loss) Per Share - Diluted | \$0.50 | \$0.33 | \$0.67 | \$1.22 |
| Net Earnings | \$14,973 | \$10,331 | \$20,057 | \$38,930 |
| Change in Fair Value of Derivative Financial Instruments | 20,274 | (12,667) | 16,101 | (18,747) |
| Income Tax Expense (Benefit) | 5,779 | (3,540) | 4,494 | (5,682) |
| | 14,495 | (9,127) | 11,607 | (13,065) |
| Change in Pension and Post-Retirement Obligations | (87) | 9,195 | 2,188 | (626) |
| Income Tax Expense (Benefit) | 83 | 3,005 | 840 | (312) |
| | (170) | 6,190 | 1,348 | (314) |
| Currency Translation Adjustment | 31,246 | (116,598) | (8,215) | (172,596) |
| Comprehensive Income (Loss) | \$60,544 | \$(109,204) | \$24,797 | \$(147,045) |

ESTERLINE TECHNOLOGIES CORPORATION

CONSOLIDATED STATEMENT OF CASH FLOWS

For the Six Month Periods Ended April 1, 2016 and March 27, 2015

(Unaudited)

(In thousands)

| | April 1, 2016 | March 27, 2015 (Recast) |
|---|------------------|-------------------------------|
| Cash Flows Provided (Used) by Operating Activities | | |
| Net earnings including noncontrolling interests | \$20,443 | \$39,021 |
| Adjustments to reconcile net earnings including noncontrolling interests to net cash provided (used) by operating activities: | | |
| Depreciation and amortization | 48,736 | 49,827 |
| Deferred income taxes | (10,094) | (9,217) |
| Share-based compensation | 7,578 | 6,274 |
| Gain on release of non-income tax liability | - | (15,656) |
| Loss on assets held for sale | 3,572 | 14,447 |
| Working capital changes, net of effect of acquisitions: | | |
| Accounts receivable | 7,700 | (21,394) |
| Inventories | (7,275) | (8,789) |
| Prepaid expenses | 1,120 | (3,419) |
| Other current assets | 624 | (40) |
| Accounts payable | 1,439 | 8,866 |
| Accrued liabilities | 917 | 1,907 |
| Federal and foreign income taxes | (690) | (4,506) |
| Other liabilities | (1,345) | 4,771 |
| Other, net | 7,159 | (11,222) |
| | 79,884 | 50,870 |
| Cash Flows Provided (Used) by Investing Activities | | |
| Purchase of capital assets | (42,506) | (25,340) |
| Escrow deposit | (1,125) | - |
| Acquisition of businesses, net of cash acquired | - | (171,070) |
| | (43,631) | (196,410) |
| Cash Flows Provided (Used) by Financing Activities | | |
| Proceeds provided by stock issuance under employee stock plans | 3,489 | 10,103 |
| Excess tax benefits from stock option exercises | 496 | 2,113 |
| Shares repurchased | (12,076) | (127,420) |
| Repayment of long-term credit facilities | (10,000) | (10,000) |
| Repayment of long-term debt | (6,158) | (9,918) |
| Proceeds from issuance of long-term credit facilities | 15,000 | 210,000 |

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| | | |
|---|-----------|-----------|
| Proceeds from government assistance | - | 3,310 |
| | (9,249) | 78,188 |
| Effect of Foreign Exchange Rates on Cash and Cash Equivalents | 912 | (14,576) |
| Net Increase (Decrease) in Cash and Cash Equivalents | 27,916 | (81,928) |
| Cash and Cash Equivalents - Beginning of Year | 191,355 | 213,251 |
| Cash and Cash Equivalents - End of Period | \$219,271 | \$131,323 |
| Supplemental Cash Flow Information: | | |
| Cash paid for interest | \$13,314 | \$14,021 |
| Cash paid for taxes | 6,654 | 21,852 |

ESTERLINE TECHNOLOGIES CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

For the Three and Six Month Periods Ended April 1, 2016 and March 27, 2015

Note 1 – Basis of Presentation

The consolidated balance sheet as of April 1, 2016, the consolidated statement of operations and comprehensive income (loss) for the three and six month periods ended April 1, 2016, and March 27, 2015, and the consolidated statement of cash flows for the six month periods ended April 1, 2016, and March 27, 2015, are unaudited but, in the opinion of management, all of the necessary adjustments, consisting of normal recurring accruals, have been made to present fairly the financial statements referred to above in accordance with generally accepted accounting principles for interim financial information and with the instructions to Form 10-Q and Article 10 of Regulation S-X. Accordingly, the above statements do not include all of the footnotes required for complete financial statements. The results of operations and cash flows for the interim periods presented are not necessarily indicative of results that can be expected for the full year.

The notes to the consolidated financial statements in the Company's Transition Report on Form 10-K for the eleven months ended October 2, 2015, provide a summary of significant accounting policies and additional financial information that should be read in conjunction with this Form 10-Q.

The timing of the Company's revenues is impacted by the purchasing patterns of customers and, as a result, revenues are not generated evenly throughout the year. Moreover, the Company's first fiscal quarter, October through December, includes significant holiday periods in both Europe and North America.

Note 2 – Change in Fiscal Year End

On June 5, 2014, the Company's board of directors authorized a change in the Company's fiscal year end to the last Friday of September from the last Friday in October. The Company reported its financial results for the 11-month transition period of November 1, 2014, through October 2, 2015, on the Transition Report on Form 10-K and thereafter will file its annual report for each 12-month period ending the last Friday of September of each year, beginning with the 12-month period ending September 30, 2016. Refer to the Transition Report on Form 10-K for the eleven months ended October 2, 2015, for additional information regarding the Company's fiscal year change.

The prior year Consolidated Statement of Operations and Comprehensive Income (Loss) for the three and six month period ended March 27, 2015, and the Consolidated Statement of Cash Flows for the six month period ended March 27, 2015, have been recast to align to the Company's new quarter end.

Note 3 – Recent Accounting Pronouncements

In March 2016, the Financial Accounting Standards Board (FASB) issued new guidance simplifying certain aspects of accounting for share-based payments. The key provision of the new standard requires that excess tax benefits and shortfalls be recorded as income tax benefit or expense in the income statement, rather than in equity. The Company is evaluating the effect the updated standard will have on the Company's consolidated financial statements and related disclosures. The new guidance is effective for the Company in fiscal year 2018, with early adoption permitted.

In February 2016, the FASB issued a new lease accounting standard, which provides revised guidance on accounting for lease arrangements by both lessors and lessees. The central requirement of the new standard is that lessees must recognize lease related assets and liabilities for all leases with a term longer than 12 months. The Company is evaluating the effect the standard will have on the Company's consolidated financial statements and related disclosures. The new standard is effective for the Company in fiscal year 2020, with early adoption permitted.

In November 2015, the FASB issued new guidance requiring all deferred tax assets and liabilities to be classified as noncurrent on the balance sheet instead of separating those balances into current and noncurrent amounts. The new guidance is effective for the Company in fiscal year 2018, with early adoption permitted. The Company adopted this guidance prospectively on April 1, 2016, and reclassified the current portion of net deferred tax assets and liabilities to net noncurrent deferred tax assets and liabilities. No prior periods were retrospectively adjusted.

In May 2014, the FASB amended requirements for an entity to recognize the amount of revenue to which it expects to be entitled for the transfer of promised goods or services to customers. The updated standard will replace most existing revenue recognition guidance in U.S. GAAP when it becomes effective, and permits the use of either the retrospective or cumulative effect transition method. Early adoption is permitted. The updated standard becomes effective for the Company in the first fiscal quarter of 2019.

The Company has not yet selected a transition method, and is currently evaluating the effect that the updated standard will have on consolidated financial statements and related disclosures.

Note 4 – Earnings Per Share and Shareholders' Equity

Basic earnings per share is computed on the basis of the weighted average number of shares outstanding during the year. Diluted earnings per share includes the dilutive effect of stock options and restricted stock units. Common shares issuable from stock options excluded from the calculation of diluted earnings per share because they were anti-dilutive were 766,500 and 688,600 in the three and six month periods ending April 1, 2016, respectively. Common shares issuable from stock options excluded from the calculation of diluted earnings per share because they were anti-dilutive were 257,650 and 197,375 in the three and six month periods ending March 27, 2015, respectively. Shares used for calculating earnings per share are disclosed in the following table:

| In Thousands | Three Months Ended | | Six Months Ended | |
|--|--------------------|----------------------------|------------------|----------------------------|
| | April 1, 2016 | March 27, 2015 (Recast) | April 1, 2016 | March 27, 2015 (Recast) |
| Shares used for basic earnings per share | 29,588 | 31,162 | 29,585 | 31,401 |
| Shares used for diluted earnings per share | 29,825 | 31,687 | 29,882 | 31,937 |

The authorized capital stock of the Company consists of 25,000 shares of preferred stock (\$100 par value), 475,000 shares of serial preferred stock (\$1.00 par value), each issuable in series, and 60,000,000 shares of common stock (\$.20 par value). As of April 1, 2016, and October 2, 2015, there were no shares of preferred stock or serial preferred stock outstanding.

On June 19, 2014, the Company's board of directors approved a \$200 million share repurchase program. In March 2015, the Company's board of directors approved an additional \$200 million for the share repurchase program. Under the program, the Company is authorized to repurchase up to \$400 million of outstanding shares of common stock from time to time, depending on market conditions, share price and other factors. Repurchases may be made in the open market or through private transactions, in accordance with SEC requirements. The Company may enter into a Rule 10(b)5-1 plan designed to facilitate the repurchase of all or a portion of the repurchase amount. The program does not require the Company to acquire a specific number of shares. Common stock repurchased can be reissued, and accordingly, the Company accounts for repurchased stock under the cost method of accounting.

During the six months ended April 1, 2016, the Company repurchased 202,310 shares under this program at an average price paid per share of \$59.69, for an aggregate purchase price of \$12.1 million. During the six months ended March 27, 2015, the Company repurchased 1,167,732 shares under this program at an average price paid per share of \$109.12, for an aggregate purchase price of \$127.4 million. Since the program began, the Company has repurchased 3,033,660 shares for an aggregate purchase price of \$301.9 million, leaving \$98.1 million for shares to be repurchased

in the future.

Changes in issued and outstanding common shares are summarized as follows:

| | Six Months Ended April 1, 2016 | Year Ended October 2, 2015 |
|--|---|----------------------------------|
| Shares Issued: | | |
| Balance, beginning of year | 32,378,185 | 32,123,717 |
| Shares issued under share-based compensation plans | 103,629 | 254,468 |
| Balance, end of current period | 32,481,814 | 32,378,185 |
| Treasury Stock: | | |
| Balance, beginning of year | (2,831,350) | (269,228) |
| Shares purchased | (202,310) | (2,562,122) |
| Balance, end of current period | (3,033,660) | (2,831,350) |
| Shares outstanding, end of period | 29,448,154 | 29,546,835 |

The components of Accumulated Other Comprehensive Gain (Loss):

| In Thousands | April 1, 2016 | October 2, 2015 |
|--|------------------|--------------------|
| Unrealized gain (loss) on derivative contracts | \$(6,840) | \$(22,941) |
| Tax effect | 1,542 | 6,036 |
| | (5,298) | (16,905) |
| Pension and post-retirement obligations | (97,535) | (99,724) |
| Tax effect | 32,934 | 33,775 |
| | (64,601) | (65,949) |
| Currency translation adjustment | (234,189) | (225,974) |
| Accumulated other comprehensive gain (loss) | \$(304,088) | \$(308,828) |

Note 5 – Retirement Benefits

The Company's pension plans principally include a U.S. pension plan maintained by Esterline and a non-U.S. plan maintained by CMC Electronics, Inc. (CMC). The Company also sponsors a number of other non-U.S. defined benefit pension plans, primarily in Belgium, France and Germany. In fiscal 2014, the Company offered vested terminated participants of its U.S. pension plan a one-time opportunity to elect a lump-sum payment from the plan in lieu of a lifetime annuity. In the first fiscal quarter of 2015, the Company made a \$16.6 million lump-sum payment to vested terminated pension plan participants from the plan, which resulted in an actuarial settlement charge of \$3.0 million. The charge was recorded in selling, general and administrative expenses. Components of periodic pension cost consisted of the following:

| In Thousands | Three Months Ended | | Six Months Ended | |
|---------------------------------------|--------------------|----------------------------------|------------------|----------------------------------|
| | April 1, 2016 | March 27, 2015 (Recast) | April 1, 2016 | March 27, 2015 (Recast) |
| Components of Net Periodic Cost | | | | |
| Service cost | \$2,945 | \$2,744 | \$5,902 | \$5,446 |
| Interest cost | 4,247 | 4,087 | 8,640 | 8,451 |
| Expected return on plan assets | (5,993) | (6,249) | (11,904) | (12,716) |
| Settlement | - | - | - | 2,991 |
| Amortization of prior service cost | 112 | 15 | 226 | 34 |
| Amortization of actuarial (gain) loss | 1,577 | 1,105 | 3,059 | 2,316 |
| Net periodic cost (benefit) | \$2,888 | \$1,702 | \$5,923 | \$6,522 |

The Company amortizes prior service cost and actuarial gains and losses from accumulated other comprehensive income to expense over the remaining service period.

Note 6 – Fair Value Measurements

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. A fair value hierarchy has been established that prioritizes the inputs to valuation techniques used to measure fair value. An asset's or liability's level within the fair value hierarchy is based on the lowest level of input that is significant to the fair value measurement. The hierarchy of fair value measurements is described below:

Level 1 – Valuations are based on quoted prices that the Company has the ability to obtain in actively traded markets for identical assets and liabilities. Since valuations are based on quoted prices that are readily and regularly available in an active market or exchange traded market, a valuation of these instruments does not require a significant degree of judgment.

Level 2 – Valuations are based on quoted prices for similar instruments in active markets, quoted prices for identical or similar instruments in markets that are not active, and model-based valuation techniques for which all significant assumptions are observable in the market.

Level 3 – Valuations are based on model-based techniques for which some or all of the assumptions are obtained from indirect market information that is significant to the overall fair value measurement and which require a significant degree of management judgment.

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The following table sets forth the Company's financial assets and liabilities that were measured at fair value on a recurring basis by level within the fair value hierarchy at April 1, 2016, and October 2, 2015.

| In Thousands | Level 2 | |
|--|---------------|-----------------|
| | April 1, 2016 | October 2, 2015 |
| Assets: | | |
| Derivative contracts designated as hedging instruments | \$5,328 | \$1,386 |
| Derivative contracts not designated as hedging instruments | 560 | 189 |
| Embedded derivatives | 2,406 | 3,992 |
| Liabilities: | | |
| Derivative contracts designated as hedging instruments | \$12,505 | \$24,660 |
| Derivative contracts not designated as hedging instruments | 4,783 | 2,324 |
| Embedded derivatives | 1,537 | 380 |

| In Thousands | Level 3 | |
|--------------------------------|---------------|-----------------|
| | April 1, 2016 | October 2, 2015 |
| Liabilities: | | |
| Contingent purchase obligation | \$- | \$3,750 |

The Company's embedded derivatives are the result of entering into sales or purchase contracts that are denominated in a currency other than the Company's functional currency or the supplier's or customer's functional currency. The fair value is determined by calculating the difference between quoted exchange rates at the time the contract was entered into and the period-end exchange rate. These contracts are categorized as Level 2 in the fair value hierarchy.

From time to time, the Company's derivative contracts consist of foreign currency exchange contracts and interest rate swap agreements. These derivative contracts are over the counter, and their fair value is determined using modeling techniques that include market inputs such as interest rates, yield curves, and currency exchange rates. These contracts are categorized as Level 2 in the fair value hierarchy.

The Company's contingent purchase obligation consisted of additional contingent consideration in connection with the acquisition of Sunbank Family of Companies, LLC (Sunbank) of \$3.75 million as of October 2, 2015, which was paid in the second fiscal quarter of 2016 upon achievement of the performance objectives. The value recorded on the balance sheet at October 2, 2015, was derived from the estimated probability that the performance objectives will be met. The contingent purchase obligation was categorized as Level 3 in the fair value hierarchy.

Note 7 – Derivative Financial Instruments

The Company uses derivative financial instruments in the form of foreign currency forward exchange contracts and interest rate swap contracts for the purpose of minimizing exposure to changes in foreign currency exchange rates on business transactions and interest rates, respectively. The Company's policy is to execute such instruments with banks the Company believes to be creditworthy and not to enter into derivative financial instruments for speculative purposes. These derivative financial instruments do not subject the Company to undue risk, as gains and losses on these instruments generally offset gains and losses on the underlying assets, liabilities, or anticipated transactions that are being hedged.

All derivative financial instruments are recorded at fair value in the Consolidated Balance Sheet. For a derivative that has not been designated as an accounting hedge, the change in the fair value is recognized immediately through earnings. For a derivative that has been designated as an accounting hedge of an existing asset or liability (a fair value hedge), the change in the fair value of both the derivative and underlying asset or liability is recognized immediately through earnings. For a derivative designated as an accounting hedge of an anticipated transaction (a cash flow hedge), the change in the fair value is recorded on the Consolidated Balance Sheet in Accumulated Other Comprehensive Income (AOCI) to the extent the derivative is effective in mitigating the exposure related to the anticipated transaction. The change in the fair value related to the ineffective portion of the hedge, if any, is immediately recognized in earnings. The amount recorded within AOCI is reclassified into earnings in the same period during which the underlying hedged transaction affects earnings.

The fair value of derivative instruments is presented on a gross basis, as the Company does not have any derivative contracts which are subject to master netting arrangements. At April 1, 2016, and October 2, 2015, the Company did not have any hedges with credit-risk-related contingent features or that required the posting of collateral. The cash flows from derivative contracts are recorded in operating activities in the Consolidated Statement of Cash Flows.

Foreign Currency Forward Exchange Contracts

The Company transacts business in various foreign currencies, which subjects the Company's cash flows and earnings to exposure related to changes in foreign currency exchange rates. These exposures arise primarily from purchases or sales of products and services from third parties. Foreign currency forward exchange contracts provide for the purchase or sale of foreign currencies at specified future dates at specified exchange rates, and are used to offset changes in the fair value of certain assets or liabilities or forecasted cash flows resulting from transactions denominated in foreign currencies. At April 1, 2016, and October 2, 2015, the Company had outstanding foreign currency forward exchange contracts principally to sell U.S. dollars with notional amounts of \$400.1 million and \$402.9 million, respectively. These notional values consist primarily of contracts for the European euro, British pound sterling and Canadian dollar, and are stated in U.S. dollar equivalents at spot exchange rates at the respective dates.

Interest Rate Swaps

The Company manages its exposure to interest rate risk by maintaining an appropriate mix of fixed and variable rate debt, which over time should moderate the costs of debt financing. When considered necessary, the Company may use financial instruments in the form of interest rate swaps to help meet this objective.

Embedded Derivative Instruments

The Company's embedded derivatives are the result of entering into sales or purchase contracts that are denominated in a currency other than the Company's functional currency or the supplier's or customer's functional currency.

Net Investment Hedge

In April 2015, the Company issued €330.0 million in 3.625% Senior Notes due April 2023 (2023 Notes) and requiring semi-annual interest payments in April and October each year until maturity. The Company designated the 2023 Notes and accrued interest as a hedge of the investment of certain foreign business units. The foreign currency gain or loss that is effective as a hedge is reported as a component of other comprehensive income (loss) in shareholders' equity. To the extent that this hedge is ineffective, the foreign currency gain or loss is recorded in earnings. There was no ineffectiveness of the hedge since inception.

Fair Value of Derivative Instruments

Fair value of derivative instruments in the Consolidated Balance Sheet at April 1, 2016, and October 2, 2015, consisted of:

| In Thousands | Classification | Fair Value | |
|--|----------------------|------------------|-----------------------|
| | | April 1, 2016 | October 2, 2015 |
| Foreign Currency Forward Exchange Contracts: | | | |
| | Other current assets | \$3,353 | \$1,527 |
| | Other assets | 2,535 | 48 |
| | Accrued liabilities | 14,181 | 20,688 |
| | Other liabilities | 3,107 | 6,296 |

Embedded Derivative Instruments:

| | | |
|----------------------|---------|---------|
| Other current assets | \$2,030 | \$2,913 |
| Other assets | 376 | 1,079 |
| Accrued liabilities | 1,282 | 351 |
| Other liabilities | 255 | 29 |

The effect of derivative instruments on the Consolidated Statement of Operations and Comprehensive Income (Loss) for the three and six month periods ended April 1, 2016, and March 27, 2015, consisted of:

Fair Value Hedges and Embedded Derivatives

We recognized the following gains (losses) on contracts designated as fair value hedges and embedded derivatives:

| In Thousands | Three Months | | Six Months Ended | |
|-----------------------|---------------|----------|------------------|----------|
| | Ended | March | April 1, 27, | March |
| Gain (Loss) | April 1, 2016 | 27, 2015 | April 1, 2016 | 27, 2015 |
| | | (Recast) | | (Recast) |
| Embedded derivatives: | | | | |
| Recognized in sales | \$(4,708) | \$ 4,033 | \$(3,607) | \$ 5,928 |

Cash Flow Hedges

We recognized the following gains (losses) on contracts designated as cash flow hedges:

| In Thousands | Three Months | | Six Months Ended | |
|--|--------------|-----------|------------------|-----------|
| | Ended | March | April 1, | March |
| Gain (Loss) | April 1, | 27, | April 1, | 27, |
| | 2016 | 2015 | 2016 | 2015 |
| | | (Recast) | | (Recast) |
| Foreign currency forward exchange contracts: | | | | |
| Recognized in AOCI (effective portion) | \$25,688 | \$(5,851) | \$28,574 | \$(7,415) |
| Reclassified from AOCI into sales | (5,414) | (6,815) | (12,473) | (11,331) |

Net Investment Hedges

We recognized the following gains (losses) on contracts designated as net investment hedges:

| In Thousands | Three Months | | Six Months Ended | |
|----------------------------------|--------------|----------|------------------|----------|
| | Ended | March | April 1, | March |
| Gain (Loss) | April 1, | 27, | April 1, | 27, |
| | 2016 | 2015 | 2016 | 2015 |
| | | (Recast) | | (Recast) |
| 2023 Notes and Accrued Interest: | | | | |
| Recognized in AOCI | \$(17,785) | \$ - | \$(6,252) | \$ - |

During the first six months of fiscal 2016 and 2015, the Company recorded losses of \$3.6 million and \$3.2 million, respectively, on foreign currency forward exchange contracts that have not been designated as accounting hedges. These foreign currency exchange losses are included in selling, general and administrative expense.

There was no significant impact to the Company's earnings related to the ineffective portion of any hedging instruments during the first six months of fiscal 2016 and 2015. In addition, there was no significant impact to the Company's earnings when a hedged firm commitment no longer qualified as a fair value hedge or when a hedged forecasted transaction no longer qualified as a cash flow hedge during the first six months of fiscal 2016 and 2015.

Amounts included in AOCI are reclassified into earnings when the hedged transaction settles. The Company expects to reclassify approximately \$8.5 million of net loss into earnings over the next 12 months. The maximum duration of the Company's foreign currency cash flow hedge contracts at April 1, 2016, is 24 months.

Note 8 – Income Taxes

The income tax rate was 16.6% in the second fiscal quarter of 2016 compared with 18.6% in the prior-year period. In the second fiscal quarter of 2016, the Company recognized \$0.3 million of discrete tax benefits due to income tax return to provision adjustments. In the second fiscal quarter of 2015, the Company recognized \$0.5 million of discrete tax expense principally related to the following two items. The first item was a \$2.0 million tax expense due to income tax return to provision adjustments. The second item was approximately \$1.5 million of discrete tax benefits due to the retroactive extension of the U.S. federal research and experimentation credits. The income tax rate differed from the statutory rate in the second fiscal quarter of 2016 and 2015, as both years benefited from various tax credits and certain foreign interest expense deductions.

The income tax rates were 11.0% and 21.9% for the first six months of fiscal 2016 and 2015, respectively. In the first six months of 2016, the Company recognized \$2.2 million of discrete tax benefits principally related to the following items. The first item was a \$1.3 million reduction of net deferred income tax liabilities as a result of the enactment of tax laws reducing the U.K. statutory income tax rate. The second item was approximately \$1.3 million of discrete tax benefits due to the retroactive extension of the U.S. federal research and experimentation credits. The third item was a \$0.4 million tax expense due to income tax return to provision adjustments. In the first six months of 2015, the Company recognized approximately \$0.2 million of discrete tax benefits principally related to the following two items. The first item was approximately \$1.5 million of discrete tax benefits due to the retroactive extension of the U.S. federal research and experimentation credits. The second item was a \$1.3 million tax expense due to income tax return to provision adjustments. The income tax rate differed from the statutory rate in the first six months of fiscal 2016 and 2015, as both years benefited from various tax credits and certain foreign interest expense deductions.

It is reasonably possible that within the next twelve months approximately \$1.1 million of tax benefits that are currently unrecognized could be recognized as a result of settlement of examinations and/or the expiration of applicable statutes of limitations.

Note 9 – Debt

U.S. Credit Facility

On April 9, 2015, the Company amended its secured credit facility to extend the maturity to April 9, 2020, increase the amount available for borrowing under the secured revolving credit facility to \$500 million, and provide for a delayed-draw term loan facility of \$250 million (U.S. Term Loan, due 2020). The Company recorded \$2.3 million in debt issuance costs. The credit facility is secured by substantially all the Company's assets, and interest is based on standard inter-bank offering rates. The interest rate ranges from LIBOR plus 1.25% to LIBOR plus 2.00%. At April 1, 2016, the Company had \$165.0 million outstanding under the secured credit facility at an interest rate of LIBOR plus 1.75%, which was 2.20%.

U.S. Term Loan, due July 2016

In April 2013, the Company amended the secured credit facility to provide for a \$175.0 million term loan (U.S. Term Loan, due 2016). On April 8, 2015, the Company paid off the U.S. Term Loan, due 2016. In connection with the repayment, the Company wrote off \$0.3 million in unamortized debt issuance costs as a loss on extinguishment of debt in the third fiscal quarter of 2015.

U.S. Term Loan, due April 2020

On August 3, 2015, the Company borrowed \$250 million under the U.S. Term Loan, due 2020, provided for under the amended secured credit facility. The interest rate on the U.S. Term Loan, due 2020, ranges from LIBOR plus 1.25% to LIBOR plus 2.00%. At April 1, 2016, the interest rate was LIBOR plus 1.75%, which equaled 2.19%. The loan amortizes at 1.25% of the original principal balance quarterly through March 2020, with the remaining balance due in April 2020.

7% Senior Notes, due August 2020

In August 2010, the Company issued \$250.0 million in 7% Senior Notes, due August 2020 (2020 Notes) and which require semi-annual interest payments in March and September of each year until maturity.

On August 4, 2015, the proceeds from the U.S. Term Loan, due 2020, were used to redeem all of the 7% 2020 Notes. As part of the redemption, the Company incurred an \$8.75 million redemption premium and wrote off \$2.4 million in unamortized debt issuance costs as a loss on extinguishment of debt in the fourth fiscal quarter of 2015.

3.625% Senior Notes, due April 2023

In April 2015, the Company issued €330.0 million in 3.625% Notes, due 2023 requiring semi-annual interest payments in April and October of each year until maturity. The net proceeds from the sale of the notes, after deducting \$5.9 million of debt issuance costs, were \$350.8 million. The 2023 Notes are general unsecured senior obligations of the Company. The 2023 Notes are unconditionally guaranteed on a senior basis by the Company and certain subsidiaries of the Company that are guarantors under the Company's existing secured credit facility. The 2023 Notes

are subject to redemption at the option of the Company at any time prior to April 15, 2018, at a price equal to 100% of the principal amount, plus any accrued interest to the date of redemption and a make-whole provision. The Company may also redeem up to 35% of the 2023 Notes before April 15, 2018, with the net cash proceeds from equity offerings. The 2023 Notes are also subject to redemption at the option of the Company, in whole or in part, on or after April 15, 2018, at redemption prices starting at 102.719% of the principal amount plus accrued interest during the period beginning April 15, 2018, and declining annually to 100% of principal and accrued interest on or after April 15, 2021.

Based on quoted market prices, the fair value of the Company's 2023 Notes was \$329.7 million as of April 1, 2016, and \$347.7 million as of October 2, 2015. The carrying amount of the secured credit facility and the U.S. Term Loan, due 2020, approximate fair value. The estimate of fair value for the 2023 Notes is based on Level 2 inputs as defined in the fair value hierarchy described.

Government refundable advances consist of payments received from the Canadian government to assist in research and development related to commercial aviation. The requirement to repay this advance is solely based on year-over-year commercial aviation revenue growth at CMC beginning in 2014. Imputed interest on the advance was 3.819% at April 1, 2016. The debt recognized was \$44.6 million and \$43.3 million as of April 1, 2016, and October 2, 2015, respectively.

In April 2015, FASB amended requirements related to the presentation of debt issuance costs. The updated standard requires debt issuance costs related to a recognized debt liability to be presented in the balance sheet as a direct deduction from the carrying amount of the related debt liability instead of being presented as an asset. The recognition and measurement of debt issuance costs are not affected by this amendment. The Company adopted this updated standard during the first fiscal quarter of 2016. The Company reclassified \$6.5 million of debt issuance costs from other non-current assets to a reduction of the Company's current maturities of long-term debt of \$0.2 million and a reduction of the Company's long-term debt of \$6.3 million as of October 2, 2015.

Note 10 – Commitments and Contingencies

The Company is party to various lawsuits and claims, both as a plaintiff and defendant, and has contingent liabilities arising from the conduct of business, none of which, in the opinion of management, is expected to have a material effect on the Company's financial

position or results of operations. The Company believes that it has made appropriate and adequate provisions for contingent liabilities.

As of April 1, 2016, and October 2, 2015, the Company had a liability of \$0.8 million and \$1.6 million, respectively, related to environmental remediation at a previously sold business for which the Company provided indemnification.

On March 5, 2014, the Company entered into a Consent Agreement with the U.S. Department of State's Directorate of Defense Trade Controls Office of Defense Trade Controls Compliance (DTCC) to resolve alleged International Traffic in Arms Regulations (ITAR) civil violations. The Consent Agreement settled the pending ITAR compliance matter with the DTCC previously reported by the Company that resulted from voluntary reports the Company filed with DTCC that disclosed possible technical and administrative violations of the ITAR. The Consent Agreement has a three-year term and provided for: (i) a payment of \$20 million, \$10 million of which is suspended and eligible for offset credit based on verified expenditures for past and future remedial compliance measures; (ii) the appointment of an external Special Compliance Official to oversee compliance with the Consent Agreement and the ITAR; (iii) two external audits of the Company's ITAR compliance program; and (iv) continued implementation of ongoing remedial compliance measures and additional remedial compliance measures related to automated systems and ITAR compliance policies, procedures, and training.

The settlement amount in the Consent Agreement was consistent with the amount proposed by DTCC in August 2013, for which the Company estimated and recorded a \$10 million charge in the third fiscal quarter ended July 26, 2013. The \$10 million portion of the settlement that is not subject to suspension will be paid in installments, with \$4 million paid in March 2014, \$2 million paid in February 2015, \$2 million paid in March 2016, and \$2 million to be paid in March 2017. The Company expects that some part of recent investments made in its ITAR compliance program will be eligible for credit against the suspended portion of the settlement amount, which include: additional staffing, ongoing implementation of a new software system, employee training, and establishment of a regular compliance audit program and corrective action process. The Company expects recent and future investments in remedial compliance measures will be sufficient to cover the \$10 million suspended payment. As of April 1, 2016, DTCC has accepted \$5 million of the Company's investment in remedial compliance measures. An additional amount of approximately \$15 million in investment in remedial compliance measures will be submitted to the DTCC in fiscal 2016 to be applied against the suspended payment.

Note 11 – Employee Stock Plans

As of April 1, 2016, the Company had three share-based compensation plans, which are described below. The compensation cost that has been charged against income for those plans was \$7.6 million and \$6.3 million for the first six months of fiscal 2016 and 2015, respectively. During the first six months of fiscal 2016 and 2015, the Company issued 103,629 and 231,000 shares, respectively, under its share-based compensation plans.

Employee Stock Purchase Plan (ESPP)

The ESPP is a “safe-harbor” designed plan whereby shares are purchased by participants at a discount of 5% of the market value on the purchase date and, therefore, compensation cost is not recorded.

Employee Sharesave Scheme

The Company offers shares under its employee sharesave scheme for U.K. employees. This plan allows participants the option to purchase shares at a 5% discount of the market price of the stock as of the beginning of the offering

period. The term of these options is three years. The sharesave scheme is not a “safe-harbor” design, and therefore, compensation cost is recognized on this plan. Under the sharesave scheme, option exercise prices are equal to the fair market value of the Company’s common stock on the date of grant. No options were granted during the first six months of fiscal 2016 or 2015.

Equity Incentive Plan

Under the equity incentive plan, option exercise prices are equal to the fair market value of the Company’s common stock on the date of grant. The Company granted 218,200 and 187,500 options to purchase shares in the six month periods ended April 1, 2016, and March 27, 2015, respectively. The weighted-average grant date fair value of options granted during the six month periods ended April 1, 2016, and March 27, 2015, was \$35.84 and \$48.62 per share, respectively.

The fair value of each option granted by the Company was estimated using a Black-Scholes pricing model, which uses the assumptions noted in the following table. The Company uses historical data to estimate volatility of the Company's common stock and option exercise and employee termination assumptions. The risk-free rate for the contractual life of the option is based on the U.S. Treasury zero coupon issues in effect at the time of the grant.

| | Six Months Ended | |
|-------------------------|------------------|-------------------|
| | April 1, 2016 | March 27, 2015 |
| Volatility | 33.06 - 40.52% | 40.73 - 41.89% |
| Risk-free interest rate | 1.61 - 2.24% | 1.43 - 2.00% |
| Expected life (years) | 5 - 9 | 5 - 9 |
| Dividends | 0 | 0 |

The Company granted 36,000 and 20,300 restricted stock units in the six month periods ended April 1, 2016, and March 27, 2015, respectively. The weighted-average grant date fair value of restricted stock units granted during the six month periods ended April 1, 2016, and March 27, 2015, was \$85.33 and \$113.98 per share, respectively. The fair value of each restricted stock unit granted by the Company is equal to the fair market value of the Company's common stock on the date of grant.

The Company granted 55,300 and 34,000 performance share plan shares in the six month periods ended April 1, 2016, and March 27, 2015, respectively. The total shares granted in each period equaled the number of shares participants would receive if the Company achieves target performance over the relevant period and is therefore at risk if the Company does not achieve the target level of the performance. The grant date fair value of performance share plan shares granted during the six month periods ended April 1, 2016, and March 27, 2015, was \$79.31 and \$117.53, respectively. The fair value of each performance share plan share granted by the Company is equal to the fair market value of the Company's common stock on the date of grant.

Note 12 – Acquisitions

On January 31, 2015, the Company acquired the defense, aerospace and training display (DAT) business of Belgium-based Barco N.V. (Barco) for €150 million, or approximately \$171 million, in cash before a working capital adjustment of approximately \$15 million. The Company incurred a \$2.9 million foreign currency exchange loss in the funding of the acquisition in fiscal 2015. Acquisition related costs of \$3.4 million were recognized as selling, general and administrative expense in fiscal 2015. The Company financed the acquisition primarily using international cash reserves, with the balance funded by borrowings under its existing credit facility. The DAT business develops and manufactures visualization solutions for a variety of demanding defense and commercial aerospace applications and is included in our Avionics & Controls segment.

The following summarizes the allocation of the estimated fair value of the assets acquired and liabilities assumed at the date of acquisition. The fair value adjustment for inventory was \$7.0 million, which was recognized as cost of goods sold over eight months, the estimated inventory turnover. The fair value of acquired programs represented the

value of visualization solutions sold under long-term supply agreements with aerospace companies, military contractors, and OEM manufacturers using similar technology. The valuation of the program included the values of program-specific technology, the backlog of contracts, and the relationship with customers which lead to potential future contracts. The valuation of the programs was based upon the discounted cash flow at a market-based discount rate. The purchase price includes the value of existing technologies, the introduction of new technologies, and the addition of new customers. These factors resulted in recording goodwill of \$48.5 million. A substantial portion of the amount allocated to goodwill is not deductible for income tax purposes.

In Thousands
As of January 31, 2015

| | |
|---|-----------|
| Current assets | \$80,400 |
| Property, plant and equipment | 6,206 |
| Intangible assets subject to amortization | |
| Programs (15 year average useful life) | 56,455 |
| Programs (3 year average useful life) | 677 |
| Trade name (3 year average useful life) | 226 |
| Goodwill | 48,537 |
| Other assets | 3,401 |
| Total assets acquired | 195,902 |
| Current liabilities assumed | 34,006 |
| Long-term liabilities assumed | 5,921 |
| Net assets acquired | \$155,975 |

To take advantage of synergies across the Company, DAT will be further integrated with existing businesses. As a result of these integration activities, the Company incurred \$3.6 million and \$7.7 million of integration expenses in the first three and six months of fiscal 2016, respectively.

Note 13 – Restructuring

On December 5, 2013, the Company announced the acceleration of its plans to consolidate certain facilities and create cost efficiencies through shared services in sales, general and administrative and support functions. The costs are for exit and relocation of facilities, losses on the write off of certain property, plant and equipment, and severance.

In the second fiscal quarter of 2016, restructuring expense totaled \$1.9 million. In the first six months of fiscal 2016, restructuring expense totaled \$3.3 million, as more fully described in the following table:

| In Thousands | Exit & Relocation of Facilities | Write Off of Property, Plant & Equipment | Severance | Total |
|-----------------------|--|--|-----------|---------|
| Cost of sales | \$ 1,249 | \$ 18 | \$ 180 | \$1,447 |
| Restructuring charges | 1,451 | - | 420 | 1,871 |
| Total | \$ 2,700 | \$ 18 | \$ 600 | \$3,318 |

In the recast second fiscal quarter of 2015, restructuring expense totaled \$3.8 million. In the recast first six months of fiscal 2015, restructuring expense totaled \$9.3 million, as more fully described in the following table:

| In Thousands | Exit & Relocation of Facilities | Write Off of Property, Plant & Equipment | Severance | Total |
|-----------------------|--|--|-----------|---------|
| Cost of sales | \$ 3,014 | \$ 633 | \$ 714 | \$4,361 |
| Restructuring charges | 3,762 | 48 | 1,117 | 4,927 |
| Total | \$ 6,776 | \$ 681 | \$ 1,831 | \$9,288 |

The Company has recorded an accrued liability of \$5.7 million and \$5.2 million for these activities as of April 1, 2016, and October 2, 2015, respectively.

Note 14 – Discontinued Operations

The Company's board of directors previously approved the plan to sell certain non-core business units including Eclipse Electronic Systems, Inc. (Eclipse), a manufacturer of embedded communication intercept receivers for signal intelligence applications; Wallop Defence Systems, Ltd. (Wallop), a manufacturer of flare countermeasure devices; Pacific Aerospace and Electronics Inc. (PA&E), a manufacturer of hermetically sealed electrical connectors; a small distribution business and a small manufacturing business.

On June 5, 2015, the Company sold Eclipse for \$7.9 million and retained ownership of the land, building and building improvements, which are held for sale. In addition, on July 20, 2015, the Company sold PA&E for \$23.4 million. Under the terms of the stock purchase agreements for the sale of Eclipse and PA&E, the Company agreed to indemnify the buyer for certain breaches of the Company's representations and warranties and certain other items for up to \$2.8 million and \$3.9 million, respectively. An escrow account in the amount of \$1.1 million was established at closing of the sale of PA&E to partially cover the Company's indemnification obligations. A claim against the escrow amount, if paid, would result in a corresponding decrease in the purchase price for the sale of PA&E.

During the second fiscal quarter of 2016 and 2015, the Company incurred a loss of \$2.0 million and \$14.6 million, respectively, on discontinued operations. During the first six months of fiscal 2016 and 2015, the Company incurred a loss of \$6.8 million and \$20.5 million, respectively. For the first and second fiscal quarters of fiscal 2016, the Company incurred a loss on assets held for sale at Advanced Materials of \$2.2 million and \$1.4 million, respectively. The loss on assets held for sale in both quarters was principally due to the effect of changes in foreign currency exchange rates on the estimated sale price and Wallop's assets held for sale. Principal assumptions used in measuring the estimated loss on assets held for sale included estimated selling price of the discontinued business, discount rates, industry growth rates, and pricing of comparable transactions in the market.

During the first six months of fiscal 2015, the Company recorded a \$1.7 million increase in a liability related to environmental remediation at a previously sold business for which the Company provided indemnification. A loss of \$1.1 million, net of tax, is reflected in discontinued operations.

The operating results of the discontinued operations for the three month period ended April 1, 2016, consisted of the following:

| In Thousands | Avionics & Controls | Sensors & Systems | Advanced Materials | Other | Total |
|--|---------------------------|-------------------------|-----------------------|---------|------------|
| Net Sales | \$ 4,479 | \$ - | \$ 2,289 | \$ - | \$ 6,768 |
| Operating earnings (loss) | 1,072 | (151) | (2,874) | (7) | (1,960) |
| Tax expense (benefit) | 273 | - | (210) | - | 63 |
| Income (loss) from discontinued operations | \$ 799 | \$ (151) | \$ (2,664) | \$ (7) | \$ (2,023) |
| Included in Operating Earnings (Loss): Gain (loss) on net assets held for sale | 326 | - | (1,381) | - | (1,055) |

The operating results of the discontinued operations for the six month period ended April 1, 2016, consisted of the following:

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| In Thousands | Avionics & Controls | Sensors & Systems | Advanced Materials | Other | Total |
|--|---------------------------|-------------------------|-----------------------|----------|-------------|
| Net Sales | \$ 10,061 | \$ - | \$ 4,773 | \$ - | \$ 14,834 |
| Operating earnings (loss) | 1,969 | (307) | (8,867) | (11) | (7,216) |
| Tax expense (benefit) | 686 | - | (1,099) | - | (413) |
| Income (loss) from discontinued operations | \$ 1,283 | \$ (307) | \$ (7,768) | \$ (11) | \$ (6,803) |
| Included in Operating Earnings (Loss): Gain (loss) on net assets held for sale | 56 | - | (3,628) | - | (3,572) |

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The operating results of the discontinued operations for the recast three month period ended March 27, 2015, consisted of the following:

| In Thousands | Avionics & Controls | Sensors & Systems | Advanced Materials | Other | Total |
|---|---------------------------|-------------------------|-----------------------|----------|------------|
| Net Sales | \$13,429 | \$ 6,329 | \$ 2,709 | \$- | \$22,467 |
| Operating earnings (loss) | (10,624) | 1,449 | (4,236) | (1,180) | (14,591) |
| Tax expense (benefit) | 318 | 524 | (420) | (413) | 9 |
| Income (loss) from discontinued operations | \$(10,942) | \$ 925 | \$(3,816) | \$(767) | \$(14,600) |
| Included in Operating Earnings (Loss): | | | | | |
| Loss on net assets held for sale | (11,439) | - | (3,008) | - | (14,447) |

The operating results of the discontinued operations for the recast six month period ended March 27, 2015, consisted of the following:

| In Thousands | Avionics & Controls | Sensors & Systems | Advanced Materials | Other | Total |
|---|---------------------------|-------------------------|-----------------------|-----------|------------|
| Net Sales | \$27,591 | \$12,257 | \$ 6,150 | \$- | \$45,998 |
| Operating earnings (loss) | (11,395) | 1,749 | (11,221) | (1,692) | (22,559) |
| Tax expense (benefit) | (89) | 672 | (2,076) | (590) | (2,083) |
| Income (loss) from discontinued operations | \$(11,306) | \$1,077 | \$(9,145) | \$(1,102) | \$(20,476) |
| Included in Operating Earnings (Loss): | | | | | |
| Loss on net assets held for sale | (11,439) | - | (3,008) | - | (14,447) |

Assets and Liabilities Held for Sale within the Consolidated Balance Sheet at April 1, 2016, are comprised of the following:

| In Thousands | Avionics & | Sensors & | Advanced |
|--------------|---------------|--------------|----------|
|--------------|---------------|--------------|----------|

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| | Controls | Systems | Materials | Total |
|---|----------|---------|-----------|----------|
| Accounts receivable, net | \$4,341 | \$ - | \$ 221 | \$4,562 |
| Inventories | 11,954 | - | 2,380 | 14,334 |
| Prepaid expenses | 82 | - | 239 | 321 |
| Current Assets of Businesses Held for Sale | 16,377 | - | 2,840 | 19,217 |
| Net property, plant and equipment | 5,417 | - | 9,463 | 14,880 |
| Intangibles, net | - | - | 3,779 | 3,779 |
| Deferred income tax benefits | (147) | - | 1,370 | 1,223 |
| Other assets | - | - | 1,423 | 1,423 |
| Non-Current Assets of Businesses Held for Sale | 5,270 | - | 16,035 | 21,305 |
| Accounts payable | 765 | - | 1,837 | 2,602 |
| Accrued liabilities | 8,006 | - | 3,572 | 11,578 |
| Current Liabilities of Businesses Held for Sale | 8,771 | - | 5,409 | 14,180 |
| Deferred income tax liabilities | - | - | 319 | 319 |
| Other liabilities | 503 | - | - | 503 |
| Non-Current Liabilities of Businesses Held for Sale | 503 | - | 319 | 822 |
| Net Assets of Businesses Held for Sale | \$12,373 | \$ - | \$ 13,147 | \$25,520 |

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Assets and Liabilities Held for Sale within the Consolidated Balance Sheet at October 2, 2015, were comprised of the following:

| In Thousands | Avionics & Controls | Sensors & Systems | Advanced Materials | Total |
|--|---------------------------|-------------------------|-----------------------|----------|
| Accounts receivable, net | \$5,360 | \$ - | \$ 1,546 | \$6,906 |
| Inventories | 14,763 | - | 5,841 | 20,604 |
| Prepaid expenses | 156 | - | 185 | 341 |
| Current Assets of Businesses Held for Sale | 20,279 | - | 7,572 | 27,851 |
| Net property, plant and equipment | 5,474 | - | 12,199 | 17,673 |
| Intangibles, net | 945 | - | 4,928 | 5,873 |
| Deferred income tax benefits | (147) | - | - | (147) |
| Other assets | - | - | 1,518 | 1,518 |
| Non-Current Assets of Businesses Held for Sale | 6,272 | - | 18,645 | 24,917 |
| Accounts payable | 1,878 | - | 4,837 | 6,715 |
| Accrued liabilities | 8,340 | - | 2,051 | 10,391 |
| Current Liabilities of Businesses Held for Sale | 10,218 | - | 6,888 | 17,106 |
| Deferred income tax liabilities | - | - | 194 | 194 |
| Other liabilities | 2,215 | - | - | 2,215 |
| Non-Current Liabilities of Businesses Held for Sale | 2,215 | - | 194 | 2,409 |
| Net Assets of Businesses Held for Sale | \$14,118 | \$ - | \$ 19,135 | \$33,253 |

Note 15 – Business Segment Information

Business segment information for continuing operations includes the segments of Avionics & Controls, Sensors & Systems and Advanced Materials.

| In Thousands | Three Months Ended | | Six Months Ended | |
|--------------|--------------------|----------|------------------|----------|
| | March | March | March | March |
| | April 1, | April 1, | April 1, | April 1, |
| | 2016 | 2015 | 2016 | 2015 |
| | | (Recast) | | (Recast) |
| Sales | | | | |

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| | | | | |
|---------------------|-----------|-----------|-----------|-----------|
| Avionics & Controls | \$198,665 | \$187,330 | \$384,910 | \$393,947 |
| Sensors & Systems | 176,069 | 171,538 | 328,499 | 354,432 |
| Advanced Materials | 115,576 | 109,342 | 218,378 | 224,442 |
| | \$490,310 | \$468,210 | \$931,787 | \$972,821 |

Earnings from Continuing

Operations Before Income

Taxes

| | | | | |
|---------------------|---------|---------|----------|----------|
| Avionics & Controls | \$2,649 | \$7,934 | \$12,062 | \$45,260 |
| Sensors & Systems | 20,944 | 16,256 | 33,728 | 33,714 |
| Advanced Materials | 23,208 | 19,469 | 36,198 | 41,024 |
| Segment Earnings | 46,801 | 43,659 | 81,988 | 119,998 |

| | | | | |
|-------------------|-----------|-----------|-----------|-----------|
| Corporate expense | (18,965) | (19,851) | (37,030) | (42,862) |
| Other income | - | 12,744 | - | 12,744 |
| Interest income | 94 | 135 | 181 | 319 |
| Interest expense | (7,294) | (5,934) | (14,510) | (14,016) |
| | \$20,636 | \$30,753 | \$30,629 | \$76,183 |

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

On June 5, 2014, we changed the Company's fiscal year end to the last Friday of September from the last Friday in October. We reported our financial results for the 11-month transition period of November 1, 2014, through October 2, 2015, on our Transition Report on Form 10-K, and thereafter we will file our annual report for the 12-month period ending the last Friday of September of each year, beginning with the 12-month period ending September 30, 2016. Prior year results have been recast on a calendar quarter basis. Refer to the Transition Report on Form 10-K for the eleven months ended October 2, 2015, for additional information regarding our fiscal year change.

Overview

We operate our businesses in three segments: Avionics & Controls, Sensors & Systems and Advanced Materials. Our segments are structured around our technical capabilities. Sales in all segments include domestic, international, defense and commercial customers.

The Avionics & Controls segment includes avionics systems, control and communication systems, and interface technologies capabilities. The Sensors & Systems segment includes power systems, connection technologies and advanced sensors capabilities. The Advanced Materials segment includes engineered materials and defense technologies capabilities.

Our current business and strategic plan focuses on the continued development of our products principally for aerospace and defense markets. We are concentrating our efforts to expand our capabilities in these markets, to anticipate the global needs of our customers and to respond to such needs with comprehensive solutions. These efforts focus on continuous research and new product development, acquisitions and strategic realignments of operations to expand our capabilities as a more comprehensive supplier to our customers across our entire product offering.

In March 2014, we entered into a Consent Agreement with the U.S. Department of State's Directorate of Defense Trade Controls Office of Defense Trade Controls Compliance (DDTC) to resolve alleged International Traffic in Arms Regulations (ITAR) civil violations. Among other things, the Consent Agreement required us to pay a \$20 million penalty, of which \$10 million was suspended and eligible for offset credit. Compliance expense associated with these measures was \$5.5 million in the first six months of fiscal 2016 and \$7.2 million in the prior-year period. More information about the Consent Agreement is set forth in Note 10 to the Consolidated Financial Statements included in Part 1, Item 1 of this report.

On December 5, 2013, we announced the acceleration of our plans to consolidate certain facilities and create cost efficiencies through shared services in sales, general and administrative and support functions. Restructuring expenses were \$11.7 million and \$17.4 million in fiscal 2015 and 2014, respectively, and \$3.3 million and \$9.3 million in the first six months of fiscal 2016 and 2015, respectively.

Total sales for the second fiscal quarter of 2016 increased by \$22.1 million, or 4.7%, over the prior-year period to \$490.3 million, mainly reflecting higher sales volumes across all segments due to higher demand and incremental sales from DAT, partially offset by the effect of changes in foreign currency exchange rates relative to the U.S. dollar. Avionics & Controls sales volume increased by \$6 million, or 3%, Sensors & Systems increased by \$5 million, or 3%, and Advanced Materials increased by \$9 million, or 8%. Incremental sales from defense, aerospace and training display (DAT) were \$12 million. These increases were partially offset by the effect of changes in foreign currency exchange rates relative to the U.S. dollar compared with the prior-year period of \$10 million.

Earnings from continuing operations in the second fiscal quarter of 2016 were \$17.0 million, or \$0.57 per diluted share, compared with \$24.9 million, or \$0.79 per diluted share, in the prior-year period. Loss from discontinued operations in the second fiscal quarter of 2016 was \$2.0 million, or \$0.07 per diluted share, compared with

\$14.6 million, or \$0.46 per diluted share, in the prior-year period. Net income in the second fiscal quarter of 2016 was \$15.0 million, or \$0.50 per diluted share, compared with \$10.3 million, or \$0.33 per diluted share, in the prior-year period.

Total sales for the first six months of fiscal 2016 decreased by \$41.0 million, or 4.2%, over the prior-year period to \$931.8 million, reflecting lower sales volumes across all segments due to decreased demand and the effect of changes in foreign currency exchange rates relative to the U.S. dollar. Avionics & Controls sales volume decreased by \$52 million, or 13%, Sensors & Systems decreased by \$13 million, or 4%, and Advanced Materials decreased by \$2 million, or 1%. Additionally, the effect of changes in foreign currency exchange rates compared with the prior-year period reduced sales by \$29 million. These decreases were partially offset by the incremental sales from DAT of \$56 million.

Earnings from continuing operations in the first six months of fiscal 2016 were \$26.9 million, or \$0.90 per diluted share, compared with \$59.4 million, or \$1.86 per diluted share, in the prior-year period. Loss from discontinued operations in the first six months of fiscal 2016 was \$6.8 million, or \$0.23 per diluted share, compared with \$20.5 million, or \$0.64 per diluted share, in the prior-year period. Net income in the first six months of fiscal 2016 was \$20.1 million, or \$0.67 per diluted share, compared with \$38.9 million, or \$1.22 per diluted share, in the prior-year period.

Cash flows from operating activities were \$79.9 million in the first six months of fiscal 2016 compared with \$50.9 million in the prior-year period. The increase in cash flow from operating activities reflected higher cash collections of accounts receivable and lower cash payments for income taxes.

Our sales, gross margin and earnings results for the three and six month period ended April 1, 2016, compared with the prior-year period included a number of significant items which are summarized in the tables below.

The following is a roll forward of sales and gross margin from the recast three month period ended March 27, 2015, to the three month period ended April 1, 2016:

| In Thousands | Avionics & Controls | Sensors & Systems | Advanced Materials | Total |
|---|---------------------------|-------------------------|-----------------------|-----------|
| Sales: | | | | |
| Three month period ended March 27, 2015 | \$187,330 | \$171,538 | \$109,342 | \$468,210 |
| Foreign currency gain (loss) | (7,128) | (2,109) | (2,247) | (11,484) |
| Forward contract gain (loss) | 531 | 839 | - | 1,370 |
| DAT incremental | 12,428 | - | - | 12,428 |
| Sales volume | 6,364 | 5,080 | 8,648 | 20,092 |
| Other | (860) | 721 | (167) | (306) |
| Three month period ended April 1, 2016 | \$198,665 | \$176,069 | \$115,576 | \$490,310 |
| Gross Margin: | | | | |
| Three month period ended March 27, 2015 | 55,959 | 60,083 | 33,975 | 150,017 |
| Foreign currency gain (loss) | (5,638) | (1,101) | (601) | (7,340) |
| Forward contract gain (loss) | 447 | 839 | - | 1,286 |
| DAT incremental | 5,260 | - | - | 5,260 |
| DAT inventory fair value adjustment | 1,816 | - | - | 1,816 |
| DAT integration | (1,026) | - | - | (1,026) |
| Volume/mix | 2,372 | 1,222 | 3,884 | 7,478 |
| Lower (higher) manufacturing costs | (1,830) | 412 | 1,120 | (298) |
| Inventory reserves and EAC adjustment | (840) | (180) | - | (1,020) |
| Three month period ended April 1, 2016 | \$56,520 | \$61,275 | \$38,378 | \$156,173 |

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The following is a roll forward of sales and gross margin from the recast six month period ending March 27, 2015, to the six month period ended April 1, 2016:

| In Thousands | Avionics & Controls | Sensors & Systems | Advanced Materials | Total |
|---------------------------------------|---------------------------|-------------------------|-----------------------|------------|
| Sales: | | | | |
| Six month period ended March 27, 2015 | \$ 393,947 | \$ 354,432 | \$ 224,442 | \$ 972,821 |
| Foreign currency gain (loss) | (9,582) | (13,823) | (3,464) | (26,869) |
| Forward contract gain (loss) | (2,053) | 234 | - | (1,819) |
| DAT incremental | 55,554 | - | - | 55,554 |
| Sales volume | (51,553) | (12,806) | (2,370) | (66,729) |
| Other | (1,403) | 462 | (230) | (1,171) |
| Six month period ended April 1, 2016 | \$ 384,910 | \$ 328,499 | \$ 218,378 | \$ 931,787 |
| Gross Margin: | | | | |
| Six month period ended March 27, 2015 | 134,747 | 122,985 | 70,526 | 328,258 |
| Foreign currency gain (loss) | (5,532) | (3,041) | (862) | (9,435) |
| Forward contract gain (loss) | (2,119) | 234 | - | (1,885) |
| DAT incremental | 23,309 | - | - | 23,309 |
| DAT inventory fair value adjustment | 1,816 | - | - | 1,816 |
| DAT integration | (2,129) | - | - | (2,129) |
| Volume/mix | (26,531) | (8,362) | (1,345) | (36,238) |
| Lower (higher) manufacturing costs | (4,080) | (2,514) | (2,583) | (9,177) |
| Cost initiatives | 67 | 2,388 | 459 | 2,914 |
| Factory layout costs (Kaikaku) | (2,307) | - | - | (2,307) |
| Inventory reserves and EAC adjustment | (1,054) | (180) | - | (1,234) |
| Six month period ended April 1, 2016 | \$ 116,187 | \$ 111,510 | \$ 66,195 | \$ 293,892 |

The following table shows the average foreign exchange rates for the U.K. pound, Canadian dollar and euro relative to the U.S. dollar for the three and six month periods ended April 1, 2016, and March 27, 2015.

| | Three Months Ended | | | Six Months Ended | | |
|------------|--------------------|----------|--------|------------------|----------|---------|
| | March | | Change | March | | Change |
| | April 1, 2016 | 27, 2015 | | April 1, 2016 | 27, 2015 | |
| GBP to USD | 1.4200 | 1.5240 | (6.8)% | 1.4670 | 1.5545 | (5.6)% |
| CAD to USD | 0.7337 | 0.8038 | (8.7)% | 0.7425 | 0.8422 | (11.8)% |
| EUR to USD | 1.0964 | 1.1341 | (3.3)% | 1.0922 | 1.1905 | (8.3)% |

The following tables show the impact of changes in the foreign currency exchange rates for the U.K. pound, Canadian dollar and euro relative to the U.S. dollar on operating earnings during the three month period ended April 1, 2016, compared with the prior-year period.

| In Thousands | Avionics & Controls | Sensors & Systems | Advanced Materials | Total |
|-------------------------------------|---------------------------|-------------------------|-----------------------|-----------|
| Foreign currency gain (loss) | \$(8,764) | \$ 2,706 | \$ (468) | \$(6,526) |
| Forward contract gain (loss) | 499 | 1,555 | 376 | 2,430 |
| Impact on Operating Earnings (Loss) | \$(8,265) | \$ 4,261 | \$ (92) | \$(4,096) |

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The following tables show the impact of changes in the foreign currency exchange rates for the U.K. pound, Canadian dollar and euro relative to the U.S. dollar on operating earnings during the six month period ended April 1, 2016, compared with the prior-year period.

| In Thousands | Avionics & Controls | Sensors & Systems | Advanced Materials | Total |
|-------------------------------------|---------------------------|-------------------------|-----------------------|-----------|
| Foreign currency gain (loss) | \$(6,433) | \$ 5,280 | \$ (524) | \$(1,677) |
| Forward contract gain (loss) | (2,225) | 111 | 620 | (1,494) |
| Impact on Operating Earnings (Loss) | \$(8,658) | \$ 5,391 | \$ 96 | \$(3,171) |

Results of Operations

For further explanation, please see the roll forward table of sales, gross margin and the analysis of the impact of changes in foreign currency exchange rates at the end of the Overview section.

Three Month Period Ended April 1, 2016, Compared with Three Month Period Ended March 27, 2015

Total sales for the second fiscal quarter increased by \$22.1 million, or 4.7%, over the prior-year period. Sales by segment were as follows:

| In Thousands | Increase (Decrease) From Prior Year | Three Months Ended | |
|---------------------|--|--------------------|----------------------------------|
| | | April 1, 2016 | March 27, 2015 (Recast) |
| Avionics & Controls | 6.1% | \$198,665 | \$187,330 |
| Sensors & Systems | 2.6% | 176,069 | 171,538 |
| Advanced Materials | 5.7% | 115,576 | 109,342 |
| Total Net Sales | | \$490,310 | \$468,210 |

The \$11.3 million, or 6.1%, increase in Avionics & Controls sales over the prior-year period mainly reflected incremental sales from DAT of \$12 million and higher avionics systems sales of \$7 million, partially offset by lower sales from interface technologies of \$2 million and the effect of changes in foreign currency exchange rates. The increase in avionics systems reflected higher demand for flight management systems mainly for commercial aviation applications. The decrease in interface technologies reflected lower demand primarily for large medical diagnostic input consoles. The effect of changes in foreign currency exchange rates decreased sales by approximately \$7 million compared to the prior-year period.

The \$4.5 million, or 2.6%, increase in Sensors & Systems sales over the prior-year period reflected higher sales volumes of connection technologies due to higher demand for commercial aviation and industrial applications.

The \$6.2 million, or 5.7%, increase in Advanced Materials sales over the prior-year period mainly reflected higher sales volumes of engineered materials and defense technologies. The \$6 million increase in engineered materials sales volumes was mainly due to higher demand for elastomer clamping devices for commercial aviation and defense applications. The increase in defense technologies sales was due to higher demand for combustible ordnance.

Overall, gross margin was 31.9% and 32.0% for the second fiscal quarter of 2016 and 2015, respectively. Gross profit was \$156.2 million and \$150.0 million for the second fiscal quarter of 2016 and 2015, respectively. Gross profit was impacted by \$1.0 million and \$2.1 million in restructuring expense in the second fiscal quarter of 2016 and 2015, respectively.

Avionics & Controls segment gross margin was 28.5% and 29.9% for the second fiscal quarter of 2016 and 2015, respectively. Segment gross profit was \$56.5 million compared with \$56.0 million in the prior-year period. Gross profit in the second fiscal quarter of 2016 reflected incremental gross margin from DAT of \$5 million, the effect of higher sales volume/mix of \$2 million and an inventory fair value adjustment of \$2 million recorded in the prior year period, offset by an increase in other expenses of \$3 million, and the impact of foreign currency exchange rates. The increase in other expenses included (1) DAT integration costs of \$1 million; and (2) other manufacturing costs of \$2 million due to production inefficiencies. In addition, gross margin was impacted by a \$5 million long-term contract loss in both the second fiscal quarter of 2016 and 2015. The loss in the both periods principally related to a scope issue on a long-term contract to upgrade avionics for a military transport aircraft that was settled in the second fiscal quarter of 2016. Gross margin in the second fiscal quarter of 2016 was also impacted by the effect of changes in foreign currency exchange rates of \$5 million.

As of April 1, 2016, the Company has \$6.5 million in outstanding accounts receivable on a long-term contract to upgrade avionics on a military transport aircraft. The final payment is due upon contract completion requiring a solution to a radio frequency tuning anomaly which is being tested on the aircraft. Management believes this solution will correct the anomaly, and accordingly, the outstanding receivable is probable of collection.

Sensors & Systems segment gross margin was 34.8% and 35.0% for the second fiscal quarter of 2016 and 2015, respectively. Segment gross profit was \$61.3 million compared with \$60.1 million in the prior-year period, primarily reflecting the effect of higher sales volumes of connection technologies, partially offset by lower gross profit on sales of advanced sensors due to production inefficiencies.

Advanced Materials segment gross margin was 33.2% and 31.1% for the second fiscal quarter of 2016 and 2015, respectively. Segment gross profit was \$38.4 million compared with \$34.0 million in the prior-year period. The increase in gross profit reflected the impact of higher sales volumes of engineered materials.

Selling, general and administrative expenses (which include corporate expenses) totaled \$102.4 million, or 20.9% of sales, and \$99.4 million, or 21.2% of sales, for the second fiscal quarter of 2016 and 2015, respectively. Selling, general and administrative expenses increased compared with the prior-year period due to incremental selling, general and administrative expenses from DAT of \$5 million, partially offset by lower acquisition expenses.

Research, development and engineering spending was \$25.0 million, or 5.1% of sales, for the second fiscal quarter of 2016 compared with \$25.1 million, or 5.4% of sales, for the second fiscal quarter of 2015. The decrease reflected lower spending on avionics systems developments, partially offset by incremental research, development and engineering from DAT of \$1.4 million.

Total restructuring expenses were \$1.9 million, or 0.4% of sales, in the second fiscal quarter of 2016, of which \$0.9 million is reported separately as restructuring expenses and \$1.0 million is included in cost of goods sold. Total restructuring expenses were \$3.8 million, or 0.8% of sales, in the second fiscal quarter of 2015, of which \$1.6 million is reported separately as restructuring expenses and \$2.1 million is included in cost of goods sold.

During the second fiscal quarter of 2015, we recognized a \$15.7 million gain in other income and a \$2.4 million reduction in interest expense upon the lapse of a statutory period related to a liability for a non-income tax position of an acquired company.

Segment earnings (operating earnings excluding corporate expenses and other income or expense) for the second fiscal quarter of 2016 totaled \$46.8 million, or 9.5% of sales, compared with \$43.7 million, or 9.3% of sales, for the second fiscal quarter in 2015.

Avionics & Controls segment earnings were \$2.6 million, or 1.3% of sales, in the second fiscal quarter of 2016 and \$7.9 million, or 4.2% of sales, in the second fiscal quarter of 2015, mainly reflecting increased operating expenses of \$6 million. The increase in operating expenses principally reflects incremental selling, general and administrative expenses and research, development and engineering costs from DAT of \$4 million, \$3 million in DAT integration expense, and a \$3 million foreign currency loss on mainly monetary assets. The loss on monetary assets was due to the strengthening of the Canadian dollar relative to the U.S. dollar from the end of the first fiscal quarter of 2016 to the end of the second fiscal quarter of 2016. In the prior-year period, the Canadian dollar weakened relative to the U.S. dollar. These increases were partially offset by a \$2 million write-off of fixed assets due to an avionics systems program realignment recorded in the prior-year period.

Sensors & Systems segment earnings were \$20.9 million, or 11.9% of sales, for the second fiscal quarter of 2016 compared with \$16.3 million, or 9.5% of sales, for the second fiscal quarter of 2015. The change mainly reflects lower selling, general and administrative expenses due to the effect of changes in foreign currency exchange rates of \$3 million. In addition, restructuring expenses were \$0.8 million and \$2.4 million in the second fiscal quarter of 2016

and 2015, respectively.

Advanced Materials segment earnings were \$23.2 million, or 20.1% of sales, for the second fiscal quarter of 2016 compared with \$19.5 million, or 17.8% of sales, for the second fiscal quarter of 2015, primarily reflecting higher sales volumes of engineered materials. Restructuring expenses were \$0.7 million and \$1.0 million in the second fiscal quarter of 2016 and 2015, respectively.

Interest expense for the second fiscal quarter of 2016 was \$7.3 million compared with \$5.9 million for the second fiscal quarter of 2015. Interest expense in the prior-year was favorably impacted by the \$2.4 million adjustment noted above.

The income tax rate was 16.6% in the second fiscal quarter of 2016 compared with 18.6% in the prior-year period. In the second fiscal quarter of 2016, we recognized \$0.3 million of discrete tax benefits due to income tax return to provision adjustments. In the second fiscal quarter of 2015, we recognized \$0.5 million of discrete tax expense principally related to the following two items. The first item was a \$2.0 million tax expense due to income tax return to provision adjustments. The second item was approximately \$1.5 million of discrete tax benefits due to the retroactive extension of the U.S. federal research and experimentation credits. The income tax rate differed from the statutory rate in the second fiscal quarters of 2016 and 2015, as both years benefited from various tax credits and certain foreign interest expense deductions.

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Six Month Period Ended April 1, 2016, Compared with Six Month Period Ended March 27, 2015

Total sales for the first six months of fiscal 2016 decreased by \$41.0 million, or 4.2%, over the prior-year period. Sales by segment were as follows:

| In Thousands | Increase (Decrease) From Prior Year | Six Months Ended | |
|----------------------------|--|------------------|----------------------------------|
| | | April 1, 2016 | March 27, 2015 (Recast) |
| Avionics & Controls (2.3)% | | \$384,910 | \$393,947 |
| Sensors & Systems (7.3)% | | 328,499 | 354,432 |
| Advanced Materials (2.7)% | | 218,378 | 224,442 |
| Total Net Sales | | \$931,787 | \$972,821 |

The \$9.0 million, or 2.3%, decrease in Avionics & Controls sales over the prior-year period mainly reflected lower sales volumes of avionics systems of \$23 million, control and communication systems of \$22 million, and interface technologies of \$6 million. The decrease in avionics systems reflected lower demand and delays for flight management systems for defense applications, including the T6-B military trainer for the U.S. Navy as the T6-B program is nearing completion. The decrease in control and communication systems mainly reflected lower sales of headset communication devices due to higher sales of delinquent orders in the prior-year period. The decrease in interface technologies reflected lower demand primarily for large medical diagnostic input consoles. The effect of changes in foreign currency exchange rates decreased sales by approximately \$12 million. These decreases were partially offset by incremental sales from DAT of \$55 million.

The \$25.9 million, or 7.3%, decrease in Sensors & Systems sales over the prior-year period reflected lower sales volumes of \$13 million and weakening foreign currencies. The decrease in sales volume reflected lower sales of advanced sensors of \$6 million, power systems of \$8 million, partially offset by higher sales of connection technologies. The advanced sensors sales decrease mainly reflected lower OEM demand. The decrease in power systems sales reflected delays in shipments due to export control requirements. The decrease in connection technologies sales reflected lower demand from defense and industrial customers including oil and gas and nuclear. The effect of changes in foreign currency exchange rates decreased sales by approximately \$14 million.

The \$6.1 million, or 2.7%, decrease in Advanced Materials sales over the prior-year period reflected lower sales volumes of engineered materials under long-term defense contracts for metal insulation applications and the effect of weakening foreign currencies of \$3 million.

Overall, gross margin was 31.5% and 33.7% for the first six months of fiscal 2016 and 2015, respectively. Gross profit was \$293.9 million and \$328.3 million for the first six months of fiscal 2016 and 2015, respectively. Gross profit was impacted by \$1.4 million and \$4.4 million in restructuring expense in the first six months of fiscal 2016 and 2015, respectively.

Avionics & Controls segment gross margin was 30.2% and 34.2% for the first six months of fiscal 2016 and 2015, respectively. Segment gross profit was \$116.2 million compared with \$134.7 million in the prior-year period. The decrease in gross profit reflected the impact of lower sales volumes/mix of \$27 million and an increase in other expenses of \$9 million. The decrease due to sales volume mainly reflected an \$11 million impact on lower sales of avionics systems and a \$15 million impact on decreased sales of control and communication systems. These lower sales volumes resulted in a lower recovery of fixed costs. The higher other expenses included DAT integration costs of \$2 million, the cost of a major factory layout event (Kaikaku) of \$2 million, and other manufacturing costs of

\$5 million due to production inefficiencies. Additionally, gross margin was impacted by the effect of changes in foreign currency exchange rates of \$8 million. These decreases were partially offset by incremental gross profit from DAT of \$23 million and a \$2 million inventory fair value adjustment recorded in the prior year period.

Sensors & Systems segment gross margin was 33.9% and 34.7% for the first six months of fiscal 2016 and 2015, respectively. Segment gross profit was \$111.5 million compared with \$123.0 million in the prior-year period, primarily reflecting the impact of lower sales volume/mix of advanced sensors of \$4 million and power systems of \$5 million. Gross margin was impacted by the effects of changes in foreign currency exchange rates of \$3 million.

Advanced Materials segment gross margin was 30.3% and 31.4% for the first six months of fiscal 2016 and 2015, respectively. Segment gross profit was \$66.2 million compared with \$70.5 million in the prior-year period. The decrease in gross profit reflected the impact of higher manufacturing costs of \$4 million, mainly due to engineered materials manufacturing inefficiencies.

Selling, general and administrative expenses (which include corporate expenses) totaled \$196.5 million, or 21.1% of sales, and \$197.5 million, or 20.3% of sales, for the first six months of fiscal 2016 and 2015, respectively. Selling, general and administrative expenses in the first six months of fiscal 2016 reflected the favorable effect of changes in foreign currency exchange rates of \$9 million, a \$2 million write-off of fixed assets due to an avionics systems program realignment recorded in the prior-year period and

lower corporate expenses. Corporate expenses decreased by \$6 million principally due to a \$3 million pension settlement in the prior-year quarter and decreased acquisition expenses. These decreases were partially offset by incremental selling, general and administrative expenses from DAT of \$11 million and \$3 million in DAT integration expense.

Research, development and engineering spending was \$50.5 million, or 5.4% of sales, for the first six months of fiscal 2016 compared with \$48.7 million, or 5.0% of sales, for the prior-year period. The increase in research, development and engineering spending principally reflected incremental research, development and engineering from DAT of \$7 million, partially offset by lower spending on avionics systems and power systems developments.

Total restructuring expenses were \$3.3 million, or 0.4% of sales, in the first six months of 2016, of which \$1.9 million is reported separately as restructuring expenses and \$1.4 million is included in cost of goods sold. Total restructuring expenses were \$9.3 million, or 1.0% of sales, in the first six months of 2015, of which \$4.9 million is reported separately as restructuring expenses and \$4.4 million is included in cost of goods sold.

Segment earnings (operating earnings excluding corporate expenses and other income or expense) for the first six months of fiscal 2016 totaled \$82.0 million, or 8.8% of sales, compared with \$120.0 million, or 12.3% of sales, for the first six months of 2015.

Avionics & Controls segment earnings were \$12.1 million, or 3.1% of sales, in the first six months of fiscal 2016 and \$45.3 million, or 11.5% of sales, in the first six months of 2015, mainly reflecting a \$19 million decrease in gross margin and increased selling, general and administrative expenses and research, development and engineering expenses of \$15 million. This increase reflects incremental selling, general and administrative expenses and research, development and engineering expenses from DAT of \$18 million and \$6 million in DAT integration expense. These increases were partially offset by lower research, development and engineering expenses for avionics systems of \$3 million, lower selling, general and administrative expenses of \$3 million, and a \$2 million write-off of fixed assets due to an avionics systems program realignment recorded in the prior-year period.

Sensors & Systems segment earnings were \$33.7 million, or 10.3% of sales, for the first six months of fiscal 2016 compared with \$33.7 million, or 9.5% of sales, for the first six months of 2015, mainly reflecting an \$11 million decrease in gross margin, offset by lower selling, general and administrative expenses principally due to the effects of changes in foreign currency exchange rates of \$9 million. In addition, restructuring expenses were \$1.3 million and \$5.3 million in the first six months of 2016 and 2015, respectively.

Advanced Materials segment earnings were \$36.2 million, or 16.6% of sales, for the first six months of fiscal 2016 compared with \$41.0 million, or 18.3% of sales, for the first six months of 2015, primarily reflecting higher manufacturing costs at engineered materials. Restructuring expenses were \$0.9 million and \$2.4 million in the first six months of 2016 and 2015, respectively.

Interest expense for the first six months of fiscal 2016 was \$14.5 million compared with \$14.0 million for the first six months of 2015.

The income tax rates were 11.0% and 21.9% for the first six months of fiscal 2016 and 2015, respectively. In the first six months of 2016, we recognized \$2.2 million of discrete tax benefits principally related to the following items. The first item was a \$1.3 million reduction of net deferred income tax liabilities as a result of the enactment of tax laws reducing the U.K. statutory income tax rate. The second item was approximately \$1.3 million of discrete tax benefits due to the retroactive extension of the U.S. federal research and experimentation credits. The third item was a \$0.4 million tax expense due to income tax return to provision adjustments. In the first six months of 2015, we recognized approximately \$0.2 million of discrete tax benefits principally related to the following two items. The first item was approximately \$1.5 million of discrete tax benefits due to the retroactive extension of the U.S. federal research and experimentation credits. The second item was a \$1.3 million tax expense due to income tax return to

provision adjustments. The income tax rate differed from the statutory rate in the first six months of fiscal 2016 and 2015, as both years benefited from various tax credits and certain foreign interest expense deductions.

It is reasonably possible that within the next twelve months approximately \$1.1 million of tax benefits that are currently unrecognized could be recognized as a result of settlement of examinations and/or the expiration of applicable statutes of limitations.

New orders for the first six months of fiscal 2016 were \$1.1 billion compared with \$0.9 billion in the prior-year period, reflecting an increase in all three segments. Backlog was \$1.4 billion at April 1, 2016, \$1.1 billion at March 27, 2015, and \$1.2 billion at October 2, 2015.

Liquidity and Capital Resources

Cash and cash equivalents at April 1, 2016, totaled \$219.3 million, an increase of \$27.9 million from October 2, 2015. Net working capital decreased to \$700.0 million at April 1, 2016, from \$718.2 million at October 2, 2015. Sources and uses of cash flows from operating activities principally consisted of cash received from the sale of products and cash payments for material, labor and operating expenses. Cash flows provided by operating activities were \$79.9 million and \$50.9 million in the first six months of fiscal 2016 and 2015, respectively. The increase in cash flow from operating activities reflected higher cash collections of accounts receivable and lower cash payments for income taxes.

Cash flows used by investing activities were \$43.6 million and \$196.4 million in the first six months of fiscal 2016 and 2015, respectively. Cash flows used by investing activities in the first six months of fiscal 2016 were primarily capital expenditures of \$42.5 million, including the purchase of a building for our DAT operation. Cash flows used by investing activities in the first six months of fiscal 2015 were primarily capital expenditures of \$25.3 million and cash paid for an acquisition of \$171.1 million, net of cash acquired.

Cash flows used by financing activities were \$9.2 million in the first six months of fiscal 2016 and mainly reflected a \$10.0 million repayment of long-term credit facilities, a \$6.2 million repayment of long-term debt, and \$12.1 million in shares repurchased, partially offset by \$15.0 million in proceeds from our credit facilities and proceeds of \$3.5 million from the issuance of common stock under our employee stock plans. Cash flows provided by financing activities were \$78.2 million in the first six months of fiscal 2015 and mainly reflected \$210.0 million in proceeds from our credit facilities and \$10.1 million from the issuance of common stock under our employee stock plans, partially offset by \$127.4 million in shares repurchased, a \$10.0 million repayment of long-term credit facilities, and a \$9.9 million repayment of long-term debt.

Capital expenditures, consisting of machinery, equipment and computers, are anticipated to be approximately \$70 million during fiscal 2016, compared with \$49.3 million expended in eleven-month fiscal 2015 (excluding acquisitions).

Total debt at April 1, 2016, was \$880.8 million and consisted of \$242.9 million of the U.S. Term Loan, due 2020, \$370.7 million (€330.0 million) of the 2023 Notes, \$165.0 million in borrowings under our secured credit facility, \$44.6 million in government refundable advances, \$57.4 million under capital lease obligations, and \$0.2 million under our various foreign currency debt agreements and other debt agreements.

We believe cash on hand and funds generated from operations and borrowing capacity available under our debt facilities are sufficient to fund operating cash requirements and capital expenditures through the next twelve months.

Forward-Looking Statements

This quarterly report on Form 10-Q contains forward-looking statements. These statements relate to future events or our future financial performance. In some cases you can identify forward-looking statements by terminology such as “anticipate,” “believe,” “continue,” “could,” “estimate,” “expect,” “intend,” “may,” “might,” “plan,” “potential,” “predict,” “sh” negative of such terms or other comparable terminology. These statements are only predictions and involve known and unknown risks, uncertainties and other factors, including the risk factors set forth in “Forward-Looking Statements” and “Risk Factors” in our Transition Report on Form 10-K for the fiscal year ended October 2, 2015, that may cause our or the industry’s actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. You should not place undue reliance on these forward-looking statements. Although we believe that the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee future results, performance or achievements. Given these risks and uncertainties, you are cautioned not to place undue reliance on such forward-looking statements. The forward-looking statements included or incorporated by reference into this report are made only as of the date hereof. We do not undertake and specifically decline any obligation to update any such statements or to publicly announce the results of any revisions to any such statements to reflect future events or developments.

Item 3. Quantitative and Qualitative Disclosures About Market Risk

There have been no significant changes in our exposure to market risk during the first three months of fiscal 2016. A discussion of our exposure to market risk is provided in the Company's Transition Report on Form 10-K for the fiscal year ended October 2, 2015.

Item 4. Controls and Procedures

Our principal executive and financial officers evaluated our disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Exchange Act) as of April 1, 2016. Based upon that evaluation, they concluded as of April 1, 2016, that our disclosure controls and procedures were effective to ensure that information we are required to disclose in the reports that we file under the Exchange Act is recorded, processed, summarized and reported within time periods specified in Securities and Exchange Commission rules and forms. In addition, our principal executive and financial officers concluded as of April 1, 2016, that our disclosure controls and procedures are also effective to ensure that information required to be disclosed in reports that we file or submit under the Exchange Act is accumulated and communicated to our management, including to our Chief Executive Officer and Chief Financial Officer, to allow timely decisions regarding required disclosure.

During the time period covered by this report, there were no changes in our internal control over financial reporting that materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

PART II – OTHER INFORMATION

Item 1. Legal Proceedings

From time to time we are involved in legal proceedings arising in the ordinary course of business. We believe that adequate reserves for these liabilities have been made and that there is no litigation pending that could have a material adverse effect on our results of operations and financial condition.

See Note 10 to the Consolidated Financial Statements included in Part 1, Item 1 of this report for information regarding legal proceedings.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

(a) Not applicable.

(b) Not applicable.

(c) Purchases of Equity Securities by the Issuer and Affiliated Purchasers

| Period | Total Number of Shares Repurchased | Average Price Paid Per Share | Total Number of Shares Purchased as Part of | Dollar Value of Shares That May Yet |
|---------------------------------------|---|--|---|---|
| | | | Publicly Announced Plans or Programs | Be Purchased Under the Plans or Programs |
| January 2, 2016 to January 29, 2016 | - | \$ - | 2,831,350 | \$ 110,220,429 |
| January 30, 2016 to February 26, 2016 | 61,777 | 53.84 | 2,893,127 | 106,894,136 |
| February 27, 2016 to April 1, 2016 | 140,533 | 62.26 | 3,033,660 | 98,144,250 |
| Total | 202,310 | | | |

On June 19, 2014, our board of directors authorized a share repurchase program for the repurchase of up to an aggregate of \$200 million of the Company's outstanding common stock. On March 11, 2015, our board of directors authorized an additional \$200 million for the repurchase of the Company's outstanding common stock. All of the repurchases in the table above were made through that program.

Item 6. Exhibits

| Exhibit Number | Exhibit Index |
|-------------------|--|
| 10.1 | Agreement for Lease for 4 & 5 Eastbrook Day Centre, Eastbrook Trading Centre among Sheldon Friendly Society, Darchem Engineering Limited and Esterline Technologies Corporation, dated as of March 10, 2016. |
| 11 | Schedule setting forth computation of basic and diluted earnings per share for the three and six month periods ended April 1, 2016, and March 27, 2015. |
| 31.1 | Certification of Chief Executive Officer. |
| 31.2 | Certification of Chief Financial Officer. |
| 32.1 | Certification (of Curtis C. Reusser) pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. |
| 32.2 | Certification (of Robert D. George) pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. |
| 101.INS | XBRL Instance Document |
| 101.SCH | XBRL Taxonomy Extension Schema |
| 101.CAL | XBRL Taxonomy Extension Calculation Linkbase |
| 101.DEF | XBRL Taxonomy Extension Definition Linkbase |
| 101.LAB | XBRL Taxonomy Extension Label Linkbase |
| 101.PRE | XBRL Taxonomy Extension Presentation Linkbase |

* Indicates management contract or compensatory plan or arrangement.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

ESTERLINE TECHNOLOGIES CORPORATION
(Registrant)

Dated: May 6, 2016 By: /s/ Robert D. George
Robert D. George
Vice President, Chief Financial Officer, and
Corporate Development
(Principal Financial Officer)