

NEWS RELEASE

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Astronics Corporation Reports 2020 Fourth Quarter and Full Year Financial Results

- Fourth guarter sales of \$114.8 million; full year sales of \$502.6 million
- Fourth guarter pre-tax loss of \$7.5 million and net loss of \$20.0 million due to the noncash reserve of \$14.1 million against deferred tax assets
- Fourth quarter Adjusted EBITDA* was \$2.9 million
- Fourth quarter bookings were \$116.0 million, demonstrating sequential improvement
- Backlog at end of the year was \$283.4 million

*Adjusted EBITDA is a Non-GAAP Performance Measure. Please see the attached table for a reconciliation of Adjusted EBITDA to GAAP net income/(loss).

EAST AURORA, NY, February 23, 2021 - Astronics Corporation (Nasdaq: ATRO) ("Astronics" or the "Company"), a leading supplier of advanced technologies and products to the global aerospace, defense and other mission critical industries, today reported financial results for the three and twelve months ended December 31, 2020.

Peter J. Gundermann, President and Chief Executive Officer, commented, "Even while the commercial aerospace industry continues to be challenged, there was some good news in the quarter.

- We had sequential improvement in Aerospace bookings.
- · We were cash positive in the quarter, generating \$5.8 million in cash from operations reflecting the impact of our restructuring efforts.
- We had strong Test bookings driven by the transit test order from Stadler Rail for the Metro Atlanta Rapid Transit Authority (MARTA).
- The 737 MAX was recertified to fly in the U.S. in late December, which is important as the MAX was our biggest OEM production program before the pandemic.

Perhaps the best news from the quarter was the initial approval of multiple effective COVID-19 vaccines, which we expect will result in increased demand for air travel later in 2021. To this end, we are seeing positive signs that demand is picking up in our aerospace business, though conditions currently remain depressed. In the meantime, we are carefully managing our cost structure, pursuing new opportunities and advancing development programs for our customers."

Fourth Quarter and 2020 Summary and Review of Demand by Major Markets

Fourth quarter revenue was \$114.8 million, down 42.1% from the comparator period of 2019, but up 7.8% sequentially from the third quarter. The Company incurred a pre-tax loss of \$7.5 million. The Company's net loss of \$20.0 million included a \$14.1 million non-cash tax expense reflecting a reserve recorded against its deferred tax assets. Adjusted EBITDA was \$2.9 million, or 2.5% of sales, up \$3.0 million sequentially from the third quarter of 2020.

Revenue in 2020 was \$502.6 million, down 35% compared with 2019 as a direct result of the global pandemic. Net loss for the year was \$115.8 million while Adjusted EBITDA was \$28.8 million as the Company rapidly adjusted to the new environment by aggressively adjusting its cost structure to changes in demand.

The Company evaluates three revenue streams to monitor demand and analyze the impact of the pandemic to its business. These are (1) the commercial aircraft market, which includes OEM line fit and airline aftermarket business, (2) defense and other government markets, and (3) general aviation.

- Commercial aerospace has been heavily impacted by the pandemic and was about \$263 million of 2020 revenue, or 52% of total revenue, down nearly 50%. Aircraft build rates are expected to improve modestly during 2021 from current levels as production of the 737 MAX picks up. The aftermarket is expected to strengthen over the course of the year as aircraft utilization and load factors increase.
- Defense and government markets, which were about 30% of 2020 revenue, have remained relatively strong through the pandemic, totaling approximately \$149 million. This includes our military aircraft programs and the majority of our Test business.
- General aviation demand contracted about 11% to approximately \$60 million, or 12% of revenue.
 Most of our general aviation revenue is line fit driven by the manufacture of new aircraft, although
 there is some amount of aftermarket business as well. New build rates for business jet aircraft
 are expected to improve in 2021 from current levels.
- Other revenue was \$27 million in 2020, about 5% of revenue, and was up about 10% over 2019.

Peter J. Gundermann stated, "We are glad to put 2020 behind us. The pandemic hit our core aerospace business hard early in the year, but our team demonstrated resilience and flexibility in the midst of very trying times. We enacted protocols to protect our employees and dramatically reduced our cost structure. Though we continue to be heavily impacted by difficult conditions in the commercial aerospace industry, we are prepared for the recovery and look forward to improved market conditions as the vaccines take hold and demand returns to our industry."

Liquidity and Financing

On May 4, 2020, the Company executed an amendment to the credit agreement (the "amended facility") which reduced the revolving credit line from \$500 million to \$375 million with an option to increase the line by up to \$150 million. The amended facility suspends the application of the maximum net leverage ratio covenant up through and including the second quarter of 2021. The maximum net leverage ratio on a trailing twelve-month basis will be 6.00 to 1 for the third quarter of 2021, 5.50 to 1 for the fourth quarter of 2021, 4.50 to 1 for the first quarter of 2022, and return to 3.75 to 1 in the second quarter of 2022 and thereafter. At the end of 2020, the Company had \$173.0 million drawn on the facility, with net debt of \$132.6 million.

Other financial covenants include that through the second quarter of 2021, the Company is required to maintain a minimum interest coverage ratio of 1.75x on a quarterly basis, except for the first quarter of 2021, which is set at 1.50x. In addition, through the third quarter of 2021, the Company must maintain

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minimum liquidity, defined as unrestricted cash plus the unused revolving credit commitments, of \$180 million at all times. The amended facility also temporarily restricts certain activities, including acquisitions and share repurchases, and requires mandatory prepayments during the suspension period when the Company's cash balance exceeds \$100 million.

Year-to-date cash flow from operations totaled \$37.3 million. Operating cash flows were used primarily to reduce long-term debt by \$15 million during 2020. The Company was compliant with its debt covenants as of the end of the fourth quarter.

In February 2021, the Company was notified by the acquirer of its semiconductor business, which was sold in February 2019, that \$10.7 million is payable to the Company for earnouts related to 2020. The Company is currently reviewing the calculations and underlying data and expects to record the additional gain on the sale in the first quarter of 2021 when that review is complete.

David C. Burney, Chief Financial Officer, commented, "Given our forecast expectations, and the structure of our revised lending agreement, combined with earnouts from the sale of the semiconductor business, we expect to have sufficient liquidity to operate through the COVID-19 pandemic and its economic impacts. We expect to remain compliant with our debt covenants through 2021 based on our current outlook."

Consolidated Review

		Th	ree	Months End	led	Year Ended							
(\$ in thousands)	<u>[</u>	<u>31, 2020</u>		<u>December</u> 31, 2019	% Change		<u>December</u> 31, 2020		<u>December</u> 31, 2019	% Change			
Sales	\$	114,803	\$	198,412	(42.1)%	\$	502,587	\$	772,702	(35.0)%			
(Loss) Income from Operations	\$	(5,469)	\$	(36,856)	(85.2)%	\$	(100,701)	\$	1,701	(6,020.1)%			
Operating Margin %		(4.8)%	6	(18.6)%			(20.0)%	6	0.2 %				
Net Gain on Sale of Businesses	\$	_	\$	_		\$	_	\$	78,801				
Net (Loss) Income	\$	(19,985)	\$	(34,065)	(41.3)%	\$	(115,781)	\$	52,017	(322.6)%			
Net (Loss) Income %		(17.4)%	6	(17.2)%			(23.0)%	6	6.7 %				
*Adjusted EBITDA	\$	2,897	\$	19,804	(85.4)%	\$	28,762	\$	88,315	(67.4)%			
*Adjusted EBITDA Margin %		2.5 %	6	10.0 %			5.7 %	6	11.4 %				

^{*}Adjusted EBITDA is a Non-GAAP Performance Measure. Please see the attached table for a reconciliation of Adjusted EBITDA to GAAP net income.

Fourth Quarter 2020 Results (compared with the prior-year period, unless noted otherwise)

Consolidated sales were down \$83.6 million compared with the fourth quarter of 2019. Aerospace sales were down \$80.3 million. Test System sales decreased \$3.3 million.

Consolidated operating loss was \$5.5 million, compared with operating loss of \$36.9 million in the prior-year period. The loss in 2020 was due to low volume related to the continued pause of production of the 737 MAX and the impacts of the COVID-19 pandemic on the global aerospace industry. Operating loss in the prior year's fourth quarter were impacted by an increase to the legal reserve of \$17.9 million for a long-outstanding patent dispute and \$28.8 million of impairment and restructuring charges related to the refocusing of our antenna business.

Income tax expense in the fourth quarter reflects a \$14.1 million non-cash valuation allowance against federal deferred tax assets.

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Bookings were \$116.0 million, for a book-to-bill ratio of 1.01:1. Backlog at the end of the quarter was \$283.4 million. Approximately \$216.9 million of backlog is expected to ship in 2021.

Full Year 2020 Results (compared with the prior-year period, unless noted otherwise)

Consolidated sales were down \$270.1 million to \$502.6 million compared with the prior year. Aerospace sales were down \$274.6 million. Test System sales increased \$4.5 million.

Consolidated operating loss was \$100.7 million, reflecting non-cash impairment charges of \$87.0 million in the Aerospace segment, restructuring-related severance charges of \$5.3 million, primarily in the Aerospace segment, and lower sales volumes compared with the prior-year period. Impairment charges were recognized in the current year as a result of reduced expectations of future operating results due to the COVID-19 pandemic, which has significantly impacted the global aerospace industry. During the first quarter, the Company recognized full impairments of the goodwill of Astronics Connectivity Systems and Certification ("CSC"), PGA and Custom Control Concepts ("CCC") reporting units, and a partial impairment of the goodwill of the PECO reporting unit. During the second quarter of 2020, an additional partial impairment of the PECO reporting unit was recorded. No impairment charges were recorded in the third or fourth quarters of 2020.

The effective tax rate for 2020 was (3.0)%, compared with 23.8% in 2019. The effective tax rate in 2020 was impacted by the previously discussed valuation allowance on federal deferred tax assets, which was \$21.5 million for the full year, as well as permanently non-deductible goodwill impairments.

Consolidated net loss was \$115.8 million, or \$(3.76) per diluted share, compared with net income of \$52.0 million, or \$1.60 per diluted share in the prior year. The after-tax impact of the impairment loss in 2020 was \$81.4 million, or \$(2.64) per diluted share. The \$80.1 million pre-tax gain on the sale of the semiconductor test business in contributed \$60.4 million to net income after taxes in 2019.

Consolidated Adjusted EBITDA was \$28.8 million, or 5.7% of consolidated sales, compared with \$88.3 million, or 11.4% of consolidated sales, in the prior year.

Prior year consolidated Adjusted EBITDA was negatively impacted by \$20.1 million of charges associated with the restructuring activities, including severance; goodwill and asset impairment charges of \$11.1 million; increased legal reserves for the long-term patent dispute of \$19.6 million; and an equity investment impairment of \$5.0 million.

Aerospace Segment Review (refer to sales by market and segment data in accompanying tables)

Aerospace Fourth Quarter 2020 Results (compared with the prior-year period, unless noted otherwise)

Aerospace segment sales decreased \$80.3 million, or 46.7%, to \$91.8 million. Sales were negatively affected by the continued grounding of the 737 MAX, overall lower build rates for commercial transport and general aviation aircraft and a weak commercial aircraft aftermarket as the airlines reduced spending due to the global COVID-19 pandemic.

Aerospace segment operating loss for the fourth quarter of 2020 was \$3.3 million compared with operating loss of \$32.3 million in the same period of 2019. Under-absorption of fixed costs due to lower sales drove the operating loss in 2020. In 2019, Aerospace operating profit was impacted by increased legal reserves for a long-term patent dispute of \$17.9 million and \$28.8 million of impairment and restructuring charges related to the refocusing of our antenna business.

Aerospace bookings in the fourth quarter of 2020 improved sequentially to \$74.1 million, for a book-to-bill ratio of 0.81. Backlog was \$191.1 million at the end of the fourth quarter of 2020 compared with backlog of \$275.8 million at the end of the fourth quarter of 2019.

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Aerospace Full Year Results

Aerospace segment sales decreased by \$274.6 million, or 39.7%, to \$418.0 million, when compared with 2019. Sales were negatively affected for the same reasons noted for the quarter.

Aerospace operating loss for 2020 was \$89.8 million compared with operating income of \$16.7 million, or 2.4% of sales, in the same period of 2019. Aerospace 2020 operating profit was impacted by impairment charges of \$87.0 million, of which \$86.3 million was related to goodwill, as previously discussed. Restructuring-related severance charges of \$5.3 million and leverage lost on reduced sales also significantly impacted operating results.

Test Systems Segment Review (refer to sales by market and segment data in accompanying tables)

Test Systems Fourth Quarter Results

Test Systems segment sales in the fourth quarter were \$23.0 million, down \$3.3 million compared with the prior-year period.

Test Systems operating profit was \$1.3 million, or 5.6% of sales, up from \$0.3 million, or 1.2% of sales, in last year's fourth quarter.

Bookings for the Test Systems segment in the quarter were \$41.9 million, for a book-to-bill ratio, excluding semiconductor activity, of 1.83:1 for the quarter. Backlog was \$92.3 million at the end of 2020 compared with backlog of \$83.8 million at the end of 2019.

Test Systems Full Year Results

Test Systems Segment sales were \$84.6 million, up \$4.5 million compared with the prior year. Acquisitions completed in July 2019 and October 2019 contributed an incremental \$6.2 million in sales. Sales related to the Semiconductor business, which was sold in early 2019, decreased \$6.2 million.

Test Systems operating profit was \$5.5 million, or 6.6% of sales, compared with operating profit of \$4.5 million, or 5.6% of sales, in 2019. Operating profit in the prior-year period was impacted by restructuring-related severance charges of \$2.0 million.

Mr. Gundermann commented, "Our Test business had a good year in 2020, benefiting from strong government and defense spending. The business made strides integrating two 2019 acquisitions and won a couple of significant awards in the emerging transit test market, which we believe promises to be important for our future. The table is set for these trends to continue in 2021 and for Test to have another solid year."

Outlook

Mr. Gundermann commented, "While it is difficult to provide guidance for all of 2021 given the ongoing pandemic, we do expect that customer demand in the first half of 2021 will be similar to that of the second half of 2020. The year will start slowly, however, with first quarter sales of about \$100 million. We expect conditions to strengthen through the year. We expect we will manage the business to generate cash that we will use to reduce debt. We believe we are well-positioned for the future, and we expect to do well when market conditions rebound."

Capital expenditures for 2021 are expected to be approximately \$10 million to \$11 million up from \$7.5 million in 2020 due to investments in customer programs.

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Fourth Quarter 2020 Webcast and Conference Call

The Company will host a teleconference today at 11:00 a.m. ET. During the teleconference, management will review the financial and operating results for the period and discuss Astronics' corporate strategy and outlook. A question-and-answer session will follow.

The Astronics conference call can be accessed by calling 201.493.6784. The listen-only audio webcast can be monitored at www.astronics.com. To listen to the archived call, dial 412.317.6671 and enter replay pin number 13715117. The telephonic replay will be available from 2:00 p.m. on the day of the call through Tuesday, March 2, 2021. A transcript of the call will also be posted to the Company's Web site once available.

About Astronics Corporation

Astronics Corporation (Nasdaq: ATRO) serves the world's aerospace, defense, and other mission critical industries with proven, innovative technology solutions. Astronics works side-by-side with customers, integrating its array of power, connectivity, lighting, structures, interiors, and test technologies to solve complex challenges. For over 50 years, Astronics has delivered creative, customer-focused solutions with exceptional responsiveness. Today, global airframe manufacturers, airlines, military branches, completion centers, and Fortune 500 companies rely on the collaborative spirit and innovation of Astronics. The Company's strategy is to increase its value by developing technologies and capabilities that provide innovative solutions to its targeted markets.

For more information on Astronics and its products, visit its Web site at www.astronics.com.

Safe Harbor Statement

This news release contains forward-looking statements as defined by the Securities Exchange Act of 1934. One can identify these forward-looking statements by the use of the words "expect," "anticipate," "plan," "may," "will," "estimate" or other similar expressions and include all statements with regard to the impact of COVID-19 on the Company and its future, reaching any revenue or Adjusted EBITDA margin expectations, being cash positive in 2021, the recovery of the commercial aerospace market, the opportunities to leverage capabilities in other markets and the outcome of demand streams or expectations of demand by customers and markets. Because such statements apply to future events, they are subject to risks and uncertainties that could cause actual results to differ materially from those contemplated by the statements. Important factors that could cause actual results to differ materially from what may be stated here include the impact of the global outbreak of COVID-19 and governmental and other actions taken in response, trend in growth with passenger power and connectivity on airplanes, the state of the aerospace and defense industries, the market acceptance of newly developed products, internal production capabilities, the timing of orders received, the status of customer certification processes and delivery schedules, the demand for and market acceptance of new or existing aircraft which contain the Company's products, the need for new and advanced test and simulation equipment, customer preferences and relationships, and other factors which are described in filings by Astronics with the Securities and Exchange Commission. The Company assumes no obligation to update forward-looking information in this news release whether to reflect changed assumptions, the occurrence of unanticipated events or changes in future operating results, financial conditions or prospects, or otherwise.

FINANCIAL TABLES FOLLOW

ASTRONICS CORPORATION CONSOLIDATED INCOME STATEMENT DATA

(Unaudited, \$ in thousands except per share data)

		Three Months Ended				Year Ended					
	1	12/31/2020 12/31/2019				12/31/2020	12/31/2019				
Sales	\$	114,803	\$	198,412	\$	502,587	\$	772,702			
Cost of products sold ¹		95,685		171,504		405,744		616,560			
Gross profit		19,118		26,908		96,843		156,142			
Gross margin		16.7 %	6	13.6 %		19.3 %	6	20.2 %			
Selling, general and administrative ²		24,587		52,681		110,528		143,358			
SG&A % of sales		21.4 %	6	26.6 %		22.0 %	6	18.6 %			
Impairment Loss ³		_		11,083		87,016		11,083			
(Loss) Income from operations		(5,469)		(36,856)		(100,701)		1,701			
Operating margin		(4.8)%	6	(18.6)%		(20.0)%	6	0.2 %			
Net gain on sale of businesses		_		_		_		78,801			
Other expense, net of other income ⁴		422		4,861		4,968		6,058			
Interest expense, net		1,650		1,565		6,741		6,141			
(Loss) Income before tax		(7,541)		(43,282)		(112,410)		68,303			
Income tax expense (benefit)		12,444		(9,217)		3,371		16,286			
Net (Loss) Income	\$	(19,985)	\$	(34,065)	\$	(115,781)	\$	52,017			
Net (Loss) Income % of sales		(17.4)%	6	(17.2)%		(23.0)%	6	6.7 %			
Pagia (logg) carnings per charge	¢	(0.65)	\$	(1.10)	\$	(3.76)	\$	1.62			
Basic (loss) earnings per share:	\$ \$,	э \$	` '	Ф \$, ,	э \$	1.60			
Diluted (loss) earnings per share:	Ф	(0.65)	Ф	(1.10)	Ф	(3.76)	Ф	1.00			
Weighted average diluted shares outstanding (in thousands)		30,837		30,919		30,795		32,459			
Capital expenditures	\$	1,884	\$	3,233	\$	7,459	\$	12,083			
Depreciation and amortization	\$	7,759	\$	8,866	\$	31,854	\$	33,049			

¹Cost of goods sold for the three months and year ended December 31, 2019 includes impairment and restructuring charges related to the antenna business of \$15.4 million in both periods.

²Selling, general and administrative expense for the three months and year ended December 31, 2019 includes legal reserves for the patent infringement matter of \$17.9 million and \$19.6 million, respectively, and impairment and restructuring charges related to the antenna business of \$2.4 million in both periods.

³Impairment loss primarily represents the goodwill impairment charges incurred in the Aerospace segment. In the first quarter of 2020, full impairment charges were recorded for goodwill associated to the CSC, PGA and CCC reporting units, and a partial goodwill impairment charge was recognized for the PECO reporting unit. In the second quarter of 2020, an additional partial goodwill impairment charge was recorded for the PECO reporting unit. Total goodwill impairment charges were \$73.7 million and \$12.6 million in the first and second quarters of 2020, respectively. Impairment loss in the three months and year ended December 31, 2019 represents the impairment of fixed assets, intangible assets, goodwill and other non-current assets associated with the antenna business restructuring.

⁴Other expense, net of other income, is primarily comprised of an equity investment impairment of \$3.6 million in the year ended December 31, 2020. For the three months and year ended December 31, 2019 includes impairment of an equity investment related to the antenna business of \$5.0 million.

ASTRONICS CORPORATION SEGMENT DATA

		Three Mor	<u>ith</u>	s Ended	Year Ended				
	1	2/31/2020		12/31/2019		12/31/2020	1	2/31/2019	
Sales									
Aerospace	\$	91,797	\$	172,119	\$	418,079	\$	692,614	
Less Inter-segment		_				(91)		(5)	
Total Aerospace		91,797		172,119		417,988		692,609	
Test Systems		23,198		26,500		85,589		80,495	
Less Inter-segment		(192)		(207)		(990)		(402)	
Total Test Systems		23,006		26,293		84,599		80,093	
Total consolidated sales		114,803		198,412		502,587		772,702	
Segment operating (loss) profit and margins									
Aerospace		(3,266)		(32,292)		(89,833)		16,657	
		(3.6)%	•	(18.8)%		(21.5)%		2.4 %	
Test Systems		1,279		328		5,549		4,494	
		5.6 %	,	1.2 %		6.6 %		5.6 %	
Total segment operating (loss) profit		(1,987)		(31,964)		(84,284)		21,151	
Net gain on sales of businesses		_		_		_		78,801	
Interest expense		1,650		1,565		6,741		6,141	
Corporate expenses and other		3,904		9,753		21,385		25,508	
(Loss) Income before taxes	\$	(7,541)	\$	(43,282)	\$	(112,410)	\$	68,303	

Reconciliation to Non-GAAP Performance Measures

In addition to reporting net income, a U.S. generally accepted accounting principle ("GAAP") measure, we present Adjusted EBITDA (earnings before interest, income taxes, depreciation and amortization, noncash equity-based compensation expense, goodwill, intangible and long-lived asset impairment charges, equity investment income or loss, legal reserves, settlements and recoveries, restructuring charges and gains or losses associated with the sale of businesses), which is a non-GAAP measure. The Company's management believes Adjusted EBITDA is an important measure of operating performance because it allows management, investors and others to evaluate and compare the performance of its core operations from period to period by removing the impact of the capital structure (interest), tangible and intangible asset base (depreciation and amortization), taxes, equity-based compensation expense, goodwill, intangible and long-lived asset impairment charges, equity investment income or loss, legal reserves, settlements and recoveries, restructuring charges and gains or losses associated with the sale of businesses, which is not commensurate with the core activities of the reporting period in which it is included. As such, the Company uses Adjusted EBITDA as a measure of performance when evaluating its business and as a basis for planning and forecasting. Adjusted EBITDA is not a measure of financial performance under GAAP and is not calculated through the application of GAAP. As such, it should not be considered as a substitute for the GAAP measure of net income and, therefore, should not be used in isolation of, but in conjunction with, the GAAP measure. Adjusted EBITDA, as presented, may produce results that vary from the GAAP measure and may not be comparable to a similarly defined non-GAAP measure used by other companies.

ASTRONICS CORPORATION RECONCILIATION OF NET (LOSS) INCOME TO ADJUSTED EBITDA

	<u>Consolidated</u>								
		Three Mon	ths E	nded	<u>Year</u>	End	<u>led</u>		
	1	2/31/2020	12/31/2019		12/31/2020		12/31/2019		
Net (loss) income	\$	(19,985)	\$	(34,065)	\$ (115,781)	\$	52,017		
Add back (deduct):									
Interest expense		1,650		1,565	6,741		6,141		
Income tax (benefit) expense		12,444		(9,217)	3,371		16,286		
Depreciation and amortization expense		7,759		8,866	31,854		33,049		
Equity-based compensation expense		1,260		900	5,184		3,843		
Goodwill and other asset impairments		_		11,083	87,016		11,083		
Restructuring-related charges including severance		(231)		17,753	5,327		20,078		
Legal reserve, settlements and recoveries		_		17,919	1,450		19,619		
Equity investment loss		_		5,000	3,600		5,000		
Net gain on sale of businesses				_			(78,801)		
Adjusted EBITDA	\$	2,897	\$	19,804	\$ 28,762	\$	88,315		

ASTRONICS CORPORATION CONSOLIDATED BALANCE SHEET DATA

(\$ in thousands)

	(u	ınaudited)				
	12	12/31/2020				
<u>ASSETS</u>						
Cash and cash equivalents	\$	40,412	\$	31,906		
Accounts receivable and uncompleted contracts		93,056		147,998		
Inventories		157,059		145,787		
Other current assets		26,420		15,853		
Assets held for sale		_		1,537		
Property, plant and equipment, net		106,678		112,499		
Other long-term assets		27,952		54,873		
Intangible assets, net		109,886		127,293		
Goodwill		58,282		144,970		
Total assets	\$	619,745	\$	782,716		
LIABILITIES AND SHAREHOLDERS' EQUITY						
Current maturities of long-term debt	\$	_	\$	224		
Accounts payable and accrued expenses		69,165		89,056		
Customer advances and deferred revenue		24,571		31,360		
Long-term debt		173,000		188,000		
Other liabilities		82,638		85,219		
Shareholders' equity	<u>_</u>	270,371		388,857		
Total liabilities and shareholders' equity	\$	619,745	\$	782,716		

ASTRONICS CORPORATION CONSOLIDATED CASH FLOWS DATA

Scale flows from operating activities December 31, 2020 colleaning collections (sos) income to cash provided by operating activities, excluding the effects of acquisitions/divestitures/subscises, excluding the effects of acquisitions/divestitures/subscises/subsci	(Unaudited, \$ in thousands)		Ended
Net (loss) income (115,781) 52,017 Adjustments to reconcile net (loss) income to cash provided by operating activities, excluding the effects of acquisitions/divestitures: 8 Non-cash items; Depreciation and amortization 31,854 33,049 Provisions for non-cash losses on inventory and receivables 6,079 16,947 Equity-based compensation expense 5,184 3,843 Deferred tax expense (benefit) 15,553 (14,385) Impairment loss 87,016 11,083 Non-cash litigation provision — (78,801) Operating lease non-cash expense — — (78,801) Operating lease non-cash expense — — — 19,619 Restructuring activities — — — 19,619 Restructuring activities — — — — Cither 2,157 — — Other 2,157 1,610 — Cash flows from changes in operating assets and liabilities: — 53,928 34,083 Inventories — —			
Adjustments to reconcile net (loss) income to cash provided by operating activities, excluding the effects of acquisitions/divestitures: 31,854 33,049 Non-cash Items: 6,079 16,947 Equity-based compensation expense 5,184 3,843 Deferred tax expense (benefit) 15,553 (14,385) Impairment lose 87,016 11,083 Net gain on sale of businesses — (78,801) Operating lease non-cash expense 4,500 4,208 Non-cash littigation provision — 19,619 Restructuring activities 1,173 6,539 Equity investment other than temporary impairment 3,493 5,000 Deferral of Federal payroll tax 5,877 — Other 2,157 1,767 — Cash flows from changes in operating assets and liabilities: 4,500 3,403 Inventories (13,614) (12,711) Prepaid expenses and other current assets (45 (1,667) Accounts payable (9,330) (16,617) Accounts payable receivable (9,300) (16,617)			
Depreciation and amortization 31,854 33,049 Provisions for non-cash losses on inventory and receivables 6,079 16,947 Equity-based compensation expenses 5,184 3,843 Deferred tax expense (benefit) 15,553 (14,385) Impairment loss 87,016 11,083 Net gain on sale of businesses — (78,801) Operating lease non-cash expense 4,500 4,208 Non-cash litigation provision — 19,619 Restructuring activities 1,173 6,539 Equity investment other than temporary impairment 3,493 5,000 Other 2,157 1,610 Cash flows from changes in operating assets and liabilities: 3,928 34,083 Inventories (13,614) (12,711) Prepaid expenses and other current assets (45) (1,160) Accounts payable (9,930) (16,617) Accounts payable (receivable (10,440) 3,371 Operating lease liabilities (4,556) (3,940) Customer advanced payments and deferred revenue (7,		(2, 2)	,
Provisions for non-cash losses on inventory and receivables 6,079 16,947 Equity-based compensation expense 5,184 3,843 Deferred tax expense (beneft) 15,553 (14,383) Impairment loss 87,016 11,083 Net gain on sale of businesses — (78,801) Operating lease non-cash expense 4,500 4,208 Non-cash litigation provision — 19,613 Restructuring activities 1,173 6,539 Equity investment other than temporary impairment 3,493 5,000 Other 2,157 1,610 Cash flows from changes in operating assets and liabilities: 3,928 34,083 Inventories (13,614) (12,711) Accounts receivable (9,930) (16,617) Accounts payable (9,930) (16,617) Accounts payable (9,930) (16,617) Accounts payable (9,930) (16,617) Accounts payable receivable (10,440) 3,371 Income taxes payable/receivable (10,400) 3,371	Non-cash items:		
Equity-based compensation expense 5,184 3,843 Deferred tax expense (benefit) 15,553 (14,385) Impairment loss 87,016 11,085 Net gain on sale of businesses — (78,801) Operating lease non-cash expense 4,500 4,208 Non-cash litigation provision — 19,619 Restructuring activities 1,173 6,539 Equity investment other than temporary impairment 3,493 5,000 Deferral of Federal payroll tax 5,877 — Other 2,157 1,610 Cash flows from changes in operating assets and liabilities: — 4,610 (1,761 Cash flows from changes in operating assets and liabilities: — 4,620 (1,610 Accounts receivable 53,928 34,083 (1,610 Inventories (13,614) (12,711) (12,711) Prepaid expenses and other current assets (45 (1,160) Accounts payable (9,930) (16,617) Accounts payable receivable (1,040) 3,371 Operating lease liabilities <td>Depreciation and amortization</td> <td>31,854</td> <td>33,049</td>	Depreciation and amortization	31,854	33,049
Deferred tax expense (benefit) 15,553 (14,385) Impairment loss 87,016 11,083 Net gain on sale of businesses — (7,800) Operating lease non-cash expense 4,500 4,208 Non-cash litigation provision — 19,619 Restructuring activities 1,173 6,539 Equity investment other than temporary impairment 3,493 5,000 Deferral of Federal payroll tax 5,877 — Other 2,157 1,610 Cash flows from changes in operating assets and liabilities: 3,928 3,088 Accounts receivable 53,928 3,088 Inventories (13,814) (12,711) Prepaid expenses and other current assets (45) (1,160) Accounts payable (9,930) (16,617) Accrued expenses (17,667) (10,737) Income taxes payable/receivable (10,440) 3,371 Operating lease liabilities (4,556) (3,840) Customer advanced payments and deferred revenue (7,043) (11,919)	Provisions for non-cash losses on inventory and receivables	6,079	16,947
Impairment loss 87,016 11,083 Net gain on sale of businesses — (78,801) Operating lease non-cash expense 4,500 4,208 Non-cash litigation provision — 19,619 Restructuring activities 1,173 6,539 Equity investment other than temporary impairment 3,493 5,000 Deferral of Federal payroll tax 5,877 — Other 2,157 1,610 Cash flows from changes in operating assets and liabilities: 3,928 34,083 Inventories (13,614) (12,711) Prepaid expenses and other current assets (45) (1,160) Accounts payable (9,390) (16,617) Accounts payable receivable (10,440) 3,371 Accrued expenses (17,667) (10,737) Income taxes payable/receivable (10,440) 3,371 Operating lease liabilities (4,556) (3,840) Customer advanced payments and deferred revenue (7,043) (1,191) Supplemental retirement plan and other liabilities (3,05) 1,	Equity-based compensation expense	5,184	3,843
Net gain on sale of businesses — (78.801) Operating lease non-cash expense 4,500 4,208 Non-cash litigation provision — 19,619 Restructuring activities 1,173 6,539 Equity investment other than temporary impairment 3,493 5,000 Deferral of Federal payroll tax 5,877 — Other 2,157 1,610 Cash flows from changes in operating assets and liabilities: 3,928 34,083 Inventories (13,614) (12,711) Prepaid expenses and other current assets (45 (1,600) Accounts payable (9,930) (16,617) Accounts payable/receivable (17,667) (10,737) Income taxes payable/receivable (10,440) 3,371 Operating lease liabilities (4,556) (3,840) Customer advanced payments and deferred revenue (7,043) (1,1919) Supplemental retirement plan and other liabilities (4,556) (3,840) Cash flows from investing activities 37,335 42,889 Cash flows from investing	Deferred tax expense (benefit)	15,553	(14,385)
Operating lease non-cash expense 4,500 4,208 Non-cash litigation provision — 19,619 Restructuring activities 1,173 6,539 Equity investment other than temporary impairment 3,493 5,000 Deferral of Federal payroll tax 5,877 — Other 2,157 1,610 Cash flows from changes in operating assets and liabilities: 33,928 34,083 Inventories (13,614) (12,711) Prepaid expenses and other current assets (45) (1,160) Accounts payable (9,300) (16,617) Accrued expenses (17,667) (10,737) Income taxes payable/receivable (10,440) 3,371 Operating lease liabilities (4,556) (3,840) Customer advanced payments and deferred revenue (7,043) (11,919) Supplemental retirement plan and other liabilities (403) 1,490 Cash flows from investing activities (3,371) 4,268 Cash flows from investing activities (7,49) (10,283) Other investing activities	Impairment loss	87,016	11,083
Non-cash litigation provision — 19,619 Restructuring activities 1,173 6,539 Equity investment other than temporary impairment 3,493 5,000 Deferral of Federal payroll tax 5,877 — Other 2,157 1,610 Cash flows from changes in operating assets and liabilities: 3,928 34,083 Accounts receivable 53,928 34,083 Inventories (13,614) (12,711) Prepaid expenses and other current assets (45 (1,160) Accounts payable (9,930) (16,617) Accrued expenses (17,667) (10,737) Income taxes payable/receivable (10,440) 3,371 Operating lease liabilities (4,556) (3,840) Customer advanced payments and deferred revenue (7,043) (11,919) Supplemental retirement plan and other liabilities (403) 1,490 Cash flows from investing activities (4,556) (3,840) Cash flows from investing activities (7,043) (11,919) Proceeds on sales of businesses (Net gain on sale of businesses	_	(78,801)
Restructuring activities 1,173 6,539 Equity investment other than temporary impairment 3,493 5,000 Deferral of Federal payroll tax 5,877 — Other 2,157 1,610 Cash flows from changes in operating assets and liabilities: *** *** Accounts receivable 53,928 34,083 Inventories (13,614) (12,711) Prepaid expenses and other current assets (45) (1,160) Accounts payable (9,930) (16,617) Accrued expenses (17,667) (10,737) Income taxes payable/receivable (10,440) 3,371 Operating lease liabilities (4,556) (3,840) Customer advanced payments and deferred revenue (7,043) (11,919) Supplemental retirement plan and other liabilities (403) 1,490 Cash flows from operating activities 37,335 42,689 Cash flows from investing activities 7 (28,907) Proceeds on sales of businesses 7 7 (28,907) Proceeds from long-term debt	Operating lease non-cash expense	4,500	4,208
Equity investment other than temporary impairment 3,493 5,000 Deferral of Federal payroll tax 5,877 — Other 2,157 1,610 Cash flows from changes in operating assets and liabilities: 3,218 34,083 Accounts receivable 53,928 34,083 Inventories (13,614) (12,711) Prepaid expenses and other current assets (45) (1,600) Accounts payable (9,930) (16,617) Accrued expenses (17,667) (10,737) Income taxes payable/receivable (10,440) 3,371 Operating lease liabilities (4,556) (3,840) Customer advanced payments and deferred revenue (7,043) (11,919) Supplemental retirement plan and other liabilities (403) 1,490 Cash flows from investing activities — (28,907) Proceeds from investing activities — 104,877 Capital expenditures — 104,877 Capital expenditures (7,459) (12,083) Other investing activities (5,797) 6	Non-cash litigation provision	_	19,619
Deferral of Federal payroll tax 5,877 — Other 2,157 1,610 Cash flows from changes in operating assets and liabilities: 3,928 34,083 Accounts receivable 53,928 34,083 Inventories (13,614) (12,711) Prepaid expenses and other current assets (45) (1,160) Accounts payable (9,930) (16,617) Accrued expenses (17,667) (10,737) Income taxes payable/receivable (10,440) 3,371 Operating lease liabilities (4,556) (3,840) Customer advanced payments and deferred revenue (7,043) (11,919) Supplemental retirement plan and other liabilities (403) 1,490 Cash flows from operating activities 37,335 42,689 Cash flows from investing activities — (28,907) Proceeds on sales of businesses — 104,877 Capital expenditures (7,459) (12,083) Other investing activities 5,797 64,830 Cash flows from long-term debt 15,000 117	Restructuring activities	1,173	6,539
Other 2,157 1,610 Cash flows from changes in operating assets and liabilities: 3,928 34,083 Accounts receivable 53,928 34,083 Inventories (13,614) (12,711) Prepaid expenses and other current assets (45) (1,160) Accounts payable (9,930) (16,617) Accrued expenses (17,667) (10,737) Income taxes payable/receivable (10,440) 3,371 Operating lease liabilities (4,556) (3,840) Customer advanced payments and deferred revenue (7,043) (11,919) Supplemental retirement plan and other liabilities (403) 1,490 Cash flows from operating activities 37,335 42,689 Cash flows from investing activities 7 (28,907) Proceeds on sales of businesses net of cash acquired — (28,907) Proceeds on sales of businesses — 104,877 Capital expenditures 7,459 (12,083) Other investing activities 1,662 743 Cash flows from investing activities 15	Equity investment other than temporary impairment	3,493	5,000
Cash flows from changes in operating assets and liabilities: 53,928 34,083 Inventories (13,614) (12,711) Prepaid expenses and other current assets (45) (1,160) Accounts payable (9,930) (16,617) Accrued expenses (17,667) (10,737) Income taxes payable/receivable (10,440) 3,371 Operating lease liabilities (4,556) (3,840) Customer advanced payments and deferred revenue (7,043) (11,919) Supplemental retirement plan and other liabilities (403) 1,490 Cash flows from operating activities 37,335 42,689 Cash flows from investing activities — (28,907) Proceeds on sales of businesses, net of cash acquired — (28,907) Proceeds on sales of businesses — 104,877 Capital expenditures (7,459) (12,083) Other investing activities 5,797 64,630 Cash flows from investing activities 1,562 743 Cash flows from financing activities 155,000 117,000 P	Deferral of Federal payroll tax	5,877	_
Accounts receivable 53,928 34,083 Inventories (13,614) (12,711) Prepaid expenses and other current assets (45) (1,160) Accounts payable (9,930) (16,617) Accrued expenses (17,667) (10,737) Income taxes payable/receivable (10,440) 3,371 Operating lease liabilities (4,556) (3,840) Customer advanced payments and deferred revenue (7,043) (11,919) Supplemental retirement plan and other liabilities (403) 1,490 Cash flows from operating activities 37,335 42,689 Cash flows from investing activities — (28,907) Proceeds on sales of businesses, net of cash acquired — (28,907) Proceeds on sales of businesses — 104,877 Capital expenditures (7,459) (12,083) Other investing activities (7,459) (12,083) Cash flows from investing activities (5,797) 64,630 Cash flows from financing activities (5,797) 64,630 Cash flows from investing activiti	Other	2,157	1,610
Inventories (13,614) (12,711) Prepaid expenses and other current assets (45) (1,160) Accounts payable (9,930) (16,617) Accrued expenses (17,667) (10,737) Income taxes payable/receivable (10,440) 3,371 Operating lease liabilities (4,556) (3,840) Customer advanced payments and deferred revenue (7,043) (11,919) Supplemental retirement plan and other liabilities (403) 1,490 Cash flows from operating activities (403) 1,490 Cash flows from investing activities (28,907) Proceeds on sales of businesses, net of cash acquired — (28,907) Proceeds on sales of businesses (7,459) (12,083) Other investing activities (16,62) 743 Cash flows from investing activities (5,797) 64,630 Cash flows from investing activities (5,797) 64,630 Cash flows from innancing activities (170,228) (156,107) Proceeds from long-term debt (170,228) (156,107) Purchase of outstanding shares for treasury (7,732) (50,784) Financing fees (360) — (50,784) Stock option activity (666 (545) Finance lease principal payments (1,922) (1,746) Cash flows from financing activities (24,576) (92,182) Effect of exchange rates on cash (1,544 147) Increase in cash and cash equivalents (8,506 15,284) Cash and cash equivalents at beginning of year (31,906 16,622)	Cash flows from changes in operating assets and liabilities:		
Prepaid expenses and other current assets (45) (1,160) Accounts payable (9,930) (16,617) Accrued expenses (17,667) (10,737) Income taxes payable/receivable (10,440) 3,371 Operating lease liabilities (4,556) (3,840) Customer advanced payments and deferred revenue (7,043) (11,919) Supplemental retirement plan and other liabilities (403) 1,490 Cash flows from operating activities 37,335 42,689 Cash flows from investing activities - (28,907) Proceeds on sales of businesses - 104,877 Capital expenditures (7,459) (12,083) Other investing activities (7,459) (12,083) Cash flows from investing activities (5,797) 64,630 Cash flows from investing activities (5,797) 64,630 Cash flows from investing activities (5,797) 64,630 Cash flows from investing activities (170,228) (156,107 Principal payments on long-term debt (170,228) (156,107 <td< td=""><td>Accounts receivable</td><td>53,928</td><td>34,083</td></td<>	Accounts receivable	53,928	34,083
Accounts payable (9,930) (16,617) Accrued expenses (17,667) (10,737) Income taxes payable/receivable (10,440) 3,371 Operating lease liabilities (4,556) (3,840) Customer advanced payments and deferred revenue (7,043) (11,919) Supplemental retirement plan and other liabilities (403) 1,490 Cash flows from operating activities (403) 1,490 Cash flows from investing activities - (28,907) Proceeds on sales of businesses, net of cash acquired - (28,907) Proceeds on sales of businesses - 104,877 Capital expenditures (7,459) (12,063) Other investing activities (7,459) (12,063) Cash flows from investing activities (5,797) 64,630 Cash flows from financing activities (5,797) 64,630 Cash flows from financing activities (17,0228) (156,107) Proceeds from long-term debt (170,228) (156,107) Purchase of outstanding shares for treasury (7,732) (50,784)	Inventories	(13,614)	(12,711)
Accrued expenses (17,667) (10,737) Income taxes payable/receivable (10,440) 3,371 Operating lease liabilities (4,556) (3,840) Customer advanced payments and deferred revenue (7,043) (11,919) Supplemental retirement plan and other liabilities (403) 1,490 Cash flows from operating activities 37,335 42,689 Cash flows from investing activities Acquisition of businesses, net of cash acquired — (28,907) Proceeds on sales of businesses — 104,877 Capital expenditures (7,459) (12,063) Other investing activities (7,459) (12,063) Cash flows from investing activities (5,797) 64,630 Cash flows from financing activities Cash flows from financing activities Proceeds from long-term debt (170,022) (156,107) Purchase of outstanding shares for treasury (7,732) (50,784) Financing fees (360) — Stock option activity 666 (545) F	Prepaid expenses and other current assets	(45)	(1,160)
Income taxes payable/receivable (10,440) 3,371 Operating lease liabilities (4,556) (3,840) Customer advanced payments and deferred revenue (7,043) (11,919) Supplemental retirement plan and other liabilities (403) 1,490 Cash flows from operating activities 37,335 42,689 Cash flows from investing activities Acquisition of businesses, net of cash acquired — (28,907) Proceeds on sales of businesses — 104,877 Capital expenditures (7,459) (12,083) Other investing activities (5,797) 64,630 Cash flows from investing activities (5,797) 64,630 Cash flows from financing activities Proceeds from long-term debt 155,000 117,000 Principal payments on long-term debt (170,228) (156,107) Purchase of outstanding shares for treasury (7,732) (50,784) Financing fees (360) — Stock option activity 666 (545) Finance lease principal payments (1,922) (1,746)	Accounts payable	(9,930)	(16,617)
Operating lease liabilities (4,556) (3,840) Customer advanced payments and deferred revenue (7,043) (11,919) Supplemental retirement plan and other liabilities (403) 1,490 Cash flows from operating activities 37,335 42,689 Cash flows from investing activities: Acquisition of businesses, net of cash acquired — (28,907) Proceeds on sales of businesses — 104,877 Capital expenditures (7,459) (12,083) Other investing activities (5,797) 64,630 Cash flows from investing activities (5,797) 64,630 Cash flows from financing activities Proceeds from long-term debt 155,000 117,000 Principal payments on long-term debt (170,228) (156,107) Purchase of outstanding shares for treasury (7,732) (50,784) Financing fees (360) — Stock option activity 666 (545) Finance lease principal payments (1,922) (1,746) Cash flows from financing activities (24,576) <td< td=""><td>Accrued expenses</td><td>(17,667)</td><td>(10,737)</td></td<>	Accrued expenses	(17,667)	(10,737)
Customer advanced payments and deferred revenue (7,043) (11,919) Supplemental retirement plan and other liabilities (403) 1,490 Cash flows from operating activities 37,335 42,689 Cash flows from investing activities: Acquisition of businesses, net of cash acquired — (28,907) Proceeds on sales of businesses — 104,877 Capital expenditures (7,459) (12,083) Other investing activities (7,459) (12,083) Cash flows from investing activities (5,797) 64,630 Cash flows from financing activities: — 117,000 Proceeds from long-term debt (170,228) (156,107) Principal payments on long-term debt (170,228) (50,784) Financing fees (360) — Stock option activity 666 (545) Finance lease principal payments (1,922) (1,746) Cash flows from financing activities (24,576) (92,182) Effect of exchange rates on cash 1,544 147 Increase in cash and cash equivalents	Income taxes payable/receivable	(10,440)	3,371
Supplemental retirement plan and other liabilities (403) 1,490 Cash flows from operating activities 37,335 42,689 Cash flows from investing activities: - (28,907) Acquisition of businesses, net of cash acquired - (28,907) Proceeds on sales of businesses - 104,877 Capital expenditures (7,459) (12,083) Other investing activities 1,662 743 Cash flows from investing activities (5,797) 64,630 Cash flows from financing activities: 155,000 117,000 Proceeds from long-term debt (170,228) (156,107) Principal payments on long-term debt (170,228) (50,784) Financing fees (360) - Stock option activity 666 (545) Finance lease principal payments (1,922) (1,746) Cash flows from financing activities (24,576) (92,182) Effect of exchange rates on cash 1,544 147 Increase in cash and cash equivalents 8,506 15,284 Cash and cash equivalents at b	Operating lease liabilities	(4,556)	(3,840)
Cash flows from operating activities 37,335 42,689 Cash flows from investing activities: (28,907) Acquisition of businesses, net of cash acquired — (28,907) Proceeds on sales of businesses — 104,877 Capital expenditures (7,459) (12,083) Other investing activities 1,662 743 Cash flows from investing activities (5,797) 64,630 Cash flows from financing activities: Stock flows from financing activities 117,000 Proceeds from long-term debt (170,228) (156,107) Purchase of outstanding shares for treasury (7,732) (50,784) Financing fees (360) — Stock option activity 666 (545) Finance lease principal payments (1,922) (1,746) Cash flows from financing activities (24,576) (92,182) Effect of exchange rates on cash 1,544 147 Increase in cash and cash equivalents 8,506 15,284 Cash and cash equivalents at beginning of year 31,906 16,622	Customer advanced payments and deferred revenue	(7,043)	(11,919)
Cash flows from investing activities: Acquisition of businesses, net of cash acquired — (28,907) Proceeds on sales of businesses — 104,877 Capital expenditures (7,459) (12,083) Other investing activities 1,662 743 Cash flows from investing activities (5,797) 64,630 Cash flows from financing activities: *** *** Proceeds from long-term debt (170,228) (156,107) Purchase of outstanding shares for treasury (7,732) (50,784) Financing fees (360) — Stock option activity 666 (545) Finance lease principal payments (1,922) (1,746) Cash flows from financing activities (24,576) (92,182) Effect of exchange rates on cash 1,544 147 Increase in cash and cash equivalents 8,506 15,284 Cash and cash equivalents at beginning of year 31,906 16,622	Supplemental retirement plan and other liabilities	(403)	1,490
Acquisition of businesses, net of cash acquired — (28,907) Proceeds on sales of businesses — 104,877 Capital expenditures (7,459) (12,083) Other investing activities 1,662 743 Cash flows from investing activities (5,797) 64,630 Cash flows from long-term debt 155,000 117,000 Principal payments on long-term debt (170,228) (156,107) Purchase of outstanding shares for treasury (7,732) (50,784) Financing fees (360) — Stock option activity 666 (545) Finance lease principal payments (1,922) (1,746) Cash flows from financing activities (24,576) (92,182) Effect of exchange rates on cash 1,544 147 Increase in cash and cash equivalents 8,506 15,284 Cash and cash equivalents at beginning of year 31,906 16,622	Cash flows from operating activities	37,335	42,689
Proceeds on sales of businesses — 104,877 Capital expenditures (7,459) (12,083) Other investing activities 1,662 743 Cash flows from investing activities (5,797) 64,630 Cash flows from financing activities: Proceeds from long-term debt 155,000 117,000 Principal payments on long-term debt (170,228) (156,107) Purchase of outstanding shares for treasury (7,732) (50,784) Financing fees (360) — Stock option activity 666 (545) Finance lease principal payments (1,922) (1,746) Cash flows from financing activities (24,576) (92,182) Effect of exchange rates on cash 1,544 147 Increase in cash and cash equivalents 8,506 15,284 Cash and cash equivalents at beginning of year 31,906 16,622	Cash flows from investing activities:		
Capital expenditures (7,459) (12,083) Other investing activities 1,662 743 Cash flows from investing activities (5,797) 64,630 Cash flows from financing activities: Proceeds from long-term debt 155,000 117,000 Principal payments on long-term debt (170,228) (156,107) Purchase of outstanding shares for treasury (7,732) (50,784) Financing fees (360) — Stock option activity 666 (545) Finance lease principal payments (1,922) (1,746) Cash flows from financing activities (24,576) (92,182) Effect of exchange rates on cash 1,544 147 Increase in cash and cash equivalents 8,506 15,284 Cash and cash equivalents at beginning of year 31,906 16,622	Acquisition of businesses, net of cash acquired	_	(28,907)
Capital expenditures (7,459) (12,083) Other investing activities 1,662 743 Cash flows from investing activities (5,797) 64,630 Cash flows from financing activities: Proceeds from long-term debt 155,000 117,000 Principal payments on long-term debt (170,228) (156,107) Purchase of outstanding shares for treasury (7,732) (50,784) Financing fees (360) — Stock option activity 666 (545) Finance lease principal payments (1,922) (1,746) Cash flows from financing activities (24,576) (92,182) Effect of exchange rates on cash 1,544 147 Increase in cash and cash equivalents 8,506 15,284 Cash and cash equivalents at beginning of year 31,906 16,622	Proceeds on sales of businesses	_	104,877
Other investing activities 1,662 743 Cash flows from investing activities (5,797) 64,630 Cash flows from financing activities: Proceeds from long-term debt 155,000 117,000 Principal payments on long-term debt (170,228) (156,107) Purchase of outstanding shares for treasury (7,732) (50,784) Financing fees (360) — Stock option activity 666 (545) Finance lease principal payments (1,922) (1,746) Cash flows from financing activities (24,576) (92,182) Effect of exchange rates on cash 1,544 147 Increase in cash and cash equivalents 8,506 15,284 Cash and cash equivalents at beginning of year 31,906 16,622	Capital expenditures	(7,459)	
Cash flows from financing activities: Proceeds from long-term debt 155,000 117,000 Principal payments on long-term debt (170,228) (156,107) Purchase of outstanding shares for treasury (7,732) (50,784) Financing fees (360) — Stock option activity 666 (545) Finance lease principal payments (1,922) (1,746) Cash flows from financing activities (24,576) (92,182) Effect of exchange rates on cash 1,544 147 Increase in cash and cash equivalents 8,506 15,284 Cash and cash equivalents at beginning of year 31,906 16,622	Other investing activities	1,662	743
Proceeds from long-term debt 155,000 117,000 Principal payments on long-term debt (170,228) (156,107) Purchase of outstanding shares for treasury (7,732) (50,784) Financing fees (360) — Stock option activity 666 (545) Finance lease principal payments (1,922) (1,746) Cash flows from financing activities (24,576) (92,182) Effect of exchange rates on cash 1,544 147 Increase in cash and cash equivalents 8,506 15,284 Cash and cash equivalents at beginning of year 31,906 16,622	Cash flows from investing activities	(5,797)	64,630
Principal payments on long-term debt (170,228) (156,107) Purchase of outstanding shares for treasury (7,732) (50,784) Financing fees (360) — Stock option activity 666 (545) Finance lease principal payments (1,922) (1,746) Cash flows from financing activities (24,576) (92,182) Effect of exchange rates on cash 1,544 147 Increase in cash and cash equivalents 8,506 15,284 Cash and cash equivalents at beginning of year 31,906 16,622	Cash flows from financing activities:		
Purchase of outstanding shares for treasury (7,732) (50,784) Financing fees (360) — Stock option activity 666 (545) Finance lease principal payments (1,922) (1,746) Cash flows from financing activities (24,576) (92,182) Effect of exchange rates on cash 1,544 147 Increase in cash and cash equivalents 8,506 15,284 Cash and cash equivalents at beginning of year 31,906 16,622	Proceeds from long-term debt	155,000	117,000
Financing fees (360) — Stock option activity 666 (545) Finance lease principal payments (1,922) (1,746) Cash flows from financing activities (24,576) (92,182) Effect of exchange rates on cash 1,544 147 Increase in cash and cash equivalents 8,506 15,284 Cash and cash equivalents at beginning of year 31,906 16,622	Principal payments on long-term debt	(170,228)	(156,107)
Stock option activity 666 (545) Finance lease principal payments (1,922) (1,746) Cash flows from financing activities (24,576) (92,182) Effect of exchange rates on cash 1,544 147 Increase in cash and cash equivalents 8,506 15,284 Cash and cash equivalents at beginning of year 31,906 16,622	Purchase of outstanding shares for treasury	(7,732)	(50,784)
Finance lease principal payments (1,922) (1,746) Cash flows from financing activities (24,576) (92,182) Effect of exchange rates on cash 1,544 147 Increase in cash and cash equivalents 8,506 15,284 Cash and cash equivalents at beginning of year 31,906 16,622	Financing fees	(360)	_
Cash flows from financing activities(24,576)(92,182)Effect of exchange rates on cash1,544147Increase in cash and cash equivalents8,50615,284Cash and cash equivalents at beginning of year31,90616,622	Stock option activity	666	(545)
Cash flows from financing activities(24,576)(92,182)Effect of exchange rates on cash1,544147Increase in cash and cash equivalents8,50615,284Cash and cash equivalents at beginning of year31,90616,622	Finance lease principal payments	(1,922)	(1,746)
Effect of exchange rates on cash1,544147Increase in cash and cash equivalents8,50615,284Cash and cash equivalents at beginning of year31,90616,622	Cash flows from financing activities	(24,576)	(92,182)
Increase in cash and cash equivalents 8,506 15,284 Cash and cash equivalents at beginning of year 31,906 16,622	Effect of exchange rates on cash		
Cash and cash equivalents at beginning of year 31,906 16,622	Increase in cash and cash equivalents	8,506	
	Cash and cash equivalents at beginning of year		
	Cash and cash equivalents at end of year		

ASTRONICS CORPORATION SALES BY MARKET

(Unaudited, \$ in thousands)

		<u>Thre</u>	e N	Months En	<u>ded</u>			2020 YT	<u>D</u>			
	<u>12</u>	<u>2/31/2020</u>	12	<u>2/31/2019</u>	% change	12	12/31/2020		<u>2/31/2019</u>	% change	% of Sal	<u>es</u>
Aerospace Segment												
Commercial Transport	\$	48,246	\$	130,200	(62.9) %	\$	262,636	\$	523,921	(49.9) %	52.3	%
Military		17,615		18,789	(6.2) %		67,944		76,542	(11.2) %	13.5	%
Business Jet		15,178		17,986	(15.6) %		60,437		67,541	(10.5) %	12.0	%
Other		10,758		5,144	109.1 %		26,971		24,605	9.6 %	5.4	%
Aerospace Total		91,797		172,119	(46.7) %		417,988		692,609	(39.7) %	83.2	%
Test Systems Segment excluding Semiconductor		22,930		24,416	(6.1) %		81,116		70,401	15.2 %	16.1	%
Total Sales excluding Semiconductor		114,727		196,535	(41.6) %		499,104		763,010	(34.6) %	99.3	%
Test-Semiconductor		76		1,877	(96.0) %		3,483		9,692	(64.1) %	0.7	%
Total Sales	\$	114,803	\$	198,412	(42.1) %	\$	502,587	\$	772,702	(35.0) %		

ASTRONICS CORPORATION

SALES BY PRODUCT LINE

	<u>Thr</u>	ee Months En	ded		<u>2020 YTD</u>		
	12/31/2020	12/31/2019	% change	12/31/2020	<u>12/31/2019</u>	% change	% of Sales
Aerospace Segment							
Electrical Power & Motion	\$ 30,745	\$ 83,230	(63.1) %	\$ 179,245	\$ 338,237	(47.0) %	35.6 %
Lighting & Safety	27,955	45,960	(39.2) %	118,928	185,462	(35.9) %	23.7 %
Avionics	18,732	27,373	(31.6) %	76,113	106,787	(28.7) %	15.1 %
Systems Certification	1,303	5,351	(75.6) %	6,899	14,401	(52.1) %	1.4 %
Structures	2,304	5,061	(54.5) %	9,832	23,117	(57.5) %	2.0 %
Other	10,758	5,144	109.1 %	26,971	24,605	9.6 %	5.4 %
Aerospace Total	91,797	172,119	(46.7) %	417,988	692,609	(39.7) %	83.2 %
Test Systems Segment excluding Semiconductor	22,930	24,416	(6.1) %	81,116	70,401	15.2 %	16.1 %
Total Sales excluding Semiconductor	114,727	196,535	(41.6) %	499,104	763,010	(34.6) %	99.3 %
Test-Semiconductor	76	1,877	(96.0) %	3,483	9,692	(64.1) %	0.7 %
Total Sales	\$ 114,803	\$ 198,412	(42.1) %	\$ 502,587	\$ 772,702	(35.0) %	

ASTRONICS CORPORATION

ORDER AND BACKLOG TREND

	Q1 2020		Q2 2020		Q3 2020		Q4 2020			Twelve Months
	3	/28/2020	(6/27/2020	ç	9/26/2020	1	12/31/2020		12/31/2020
Sales										_
Aerospace	\$	141,070	\$	102,573	\$	82,548	\$	91,797	\$	417,988
Test Systems (excluding Semi)		14,880		19,933		23,373		22,930		81,116
Sales (excluding Semi)		155,950		122,506		105,921		114,727		499,104
Test-Semiconductor		1,634		1,188		585		76		3,483
Total Sales	\$	157,584	\$	123,694	\$	106,506	\$	114,803	\$	502,587
Bookings										
Aerospace	\$	150,989	\$	43,264	\$	64,956	\$	74,106	\$	333,315
Test Systems (excluding Semi)		16,386		18,230		16,602		41,877		93,095
Bookings (excluding Semi)		167,375		61,494		81,558		115,983		426,410
Test-Semiconductor		4		_		_		_		4
Total Bookings	\$	167,379	\$	61,494	\$	81,558	\$	115,983	\$	426,414
Backlog										
Aerospace	\$	285,673	\$	226,364	\$	208,772	\$	191,081		
Test Systems (excluding Semi)		81,864		80,161		73,390		92,337		
Backlog (excluding Semi)		367,537		306,525		282,162		283,418	•	
Test-Semiconductor		1,849		661		76		_		
Total Backlog	\$	369,386	\$	307,186	\$	282,238	\$	283,418		N/A
Book:Bill Ratio 1										
Aerospace		1.07		0.42		0.79		0.81		0.80
Test Systems excl. Semi		1.10		0.91		0.71		1.83		1.15
Total Book:Bill excl. Semi		1.07		0.50		0.77		1.01		0.85

¹ Calculations of Test Systems and Total Book:Bill excludes the total semiconductor business, which included residual warranty backlog following the divestiture.