ASTRONICS



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November 6, 2019

Safe Harbor Statement

These slides (and the accompanying oral discussion) contain forward-looking statements as defined by the Securities Exchange Act of 1934. Such statements involve known and unknown risks, uncertainties, and other factors that could cause actual results of the Company 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 progress being made with the three operations having losses, the continuation of the trend in growth with passenger power and connectivity on airplanes, the ability of the company to advance its Test business, the ability to achieve at or near breakeven performance in the Test business, the Company's ability to deliver a solid 2019, the ability to win new projects in the Test business and margins to expand with growth, the success of the Company achieving its sales expectations, 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 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 presentation, or its accompanying oral discussion, whether to reflect changed assumptions, the occurrence of unanticipated events or changes in future operating results, financial conditions or prospects, or otherwise.



Astronics Corporation (Nasdaq: ATRO)

INNOVATION. COLLABORATION. SUCCESS.

Astronics serves the world's aerospace, defense, and other mission critical industries with proven, innovative technology solutions. Our strategy is to grow value by developing technologies, organically or through acquisition, for our targeted markets.

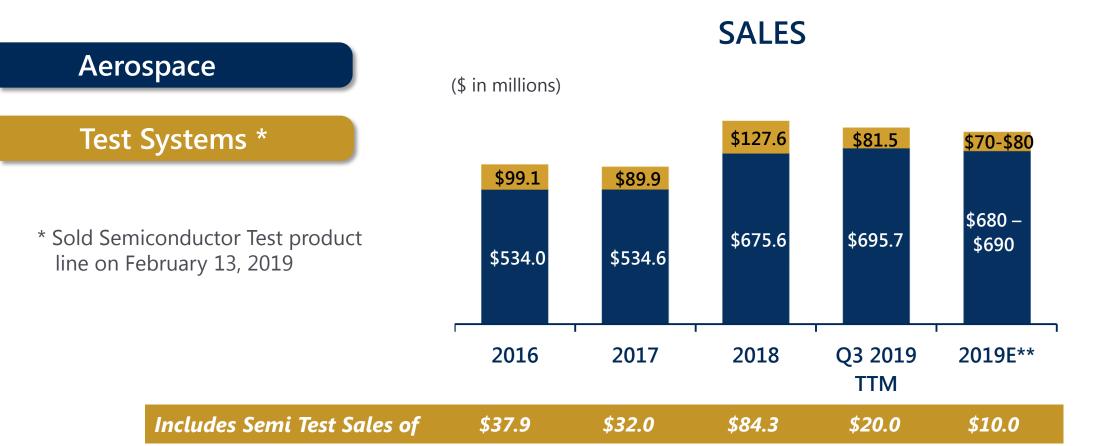


Market Cap	\$964.1 million
Recent Price	\$31.20
52-Week Range	\$25.85-\$44.34
Average Daily Volume (3 mos.)	302,360
Established/IPO	1969/1972

Shares Out – Common	23.1 million
Shares Out – Class B	7.8 million
Institutional ownership	70%
Insider ownership	14%
Index membership	Russell 3000®/2000®



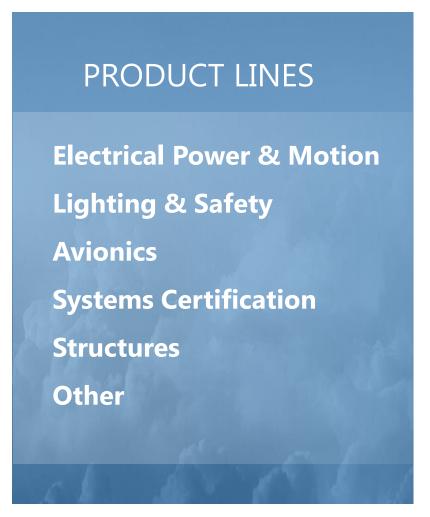
Resuming Growth in Aerospace





Astronics Aerospace

Elevating Innovation

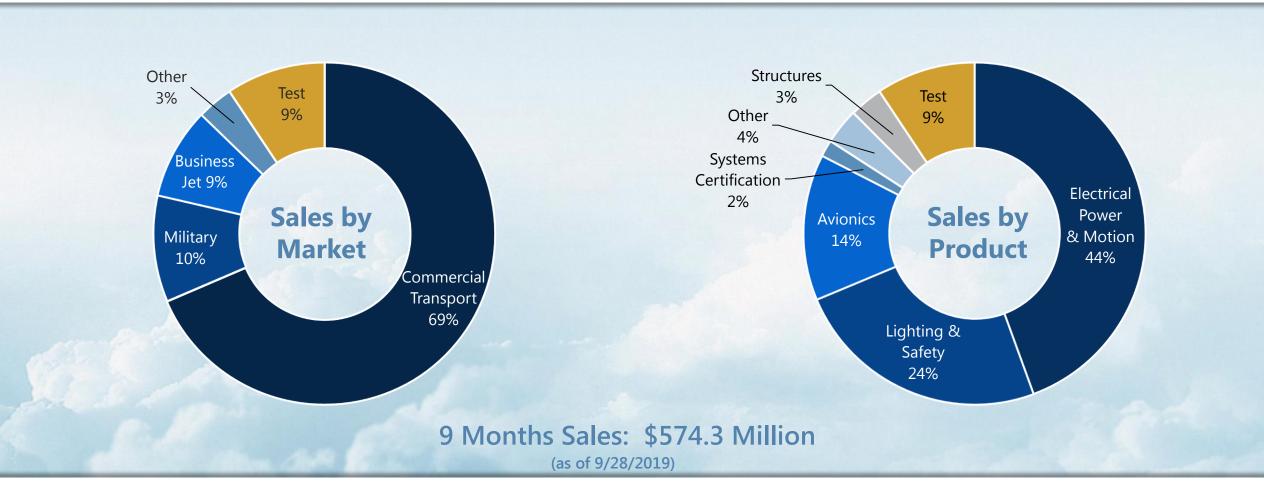








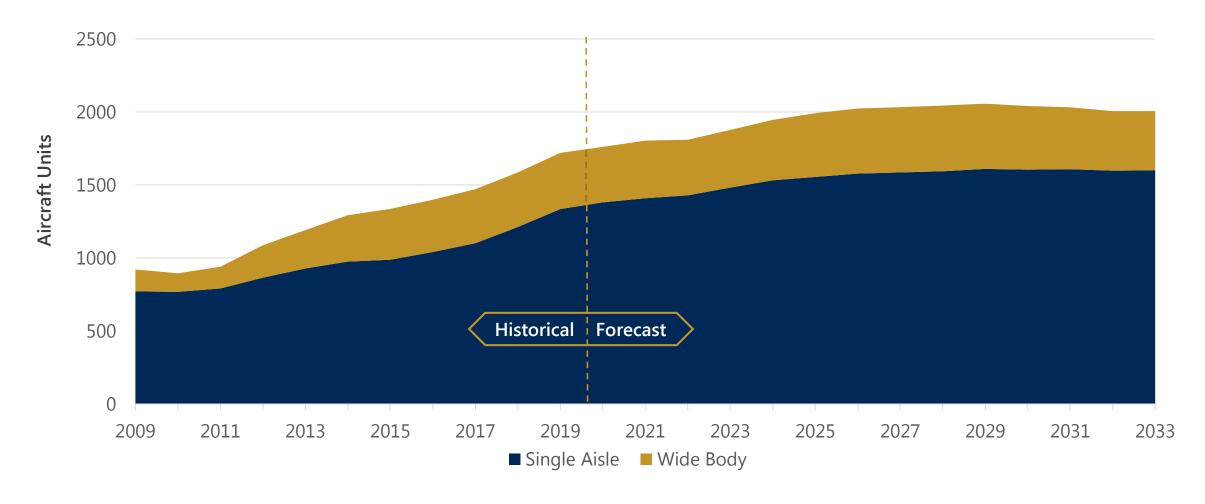
Sales by Product and Market





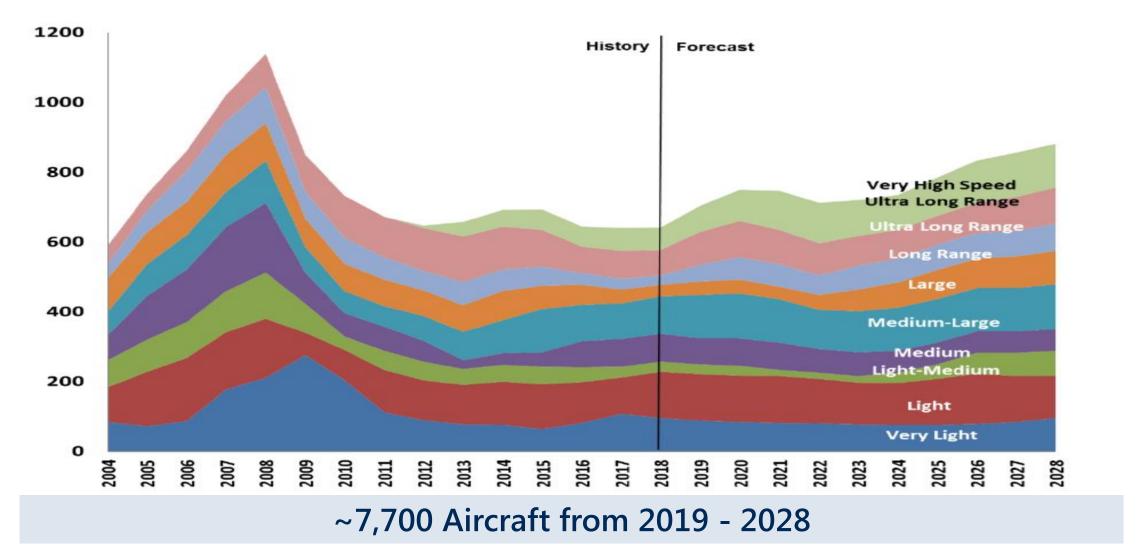


Commercial Transport Delivery Forecast





Business Jet Delivery Forecast





Aerospace Offerings

Power & Motion Power for Passengers and

Power for Passengers and Crew Power Distribution, Conversion, Control Seat Motion Systems



Aircraft Data Systems
IFC Antennas and Radome Systems
Inflight Entertainment System
Hardware
VIP IFEC & CMS Systems



Lighting & Safety

Aircraft Lighting Systems - Cabin, Cockpit, Interior,

Exterior
Airfield Lighting Systems
Emergency Systems
Enhanced Vision Systems
VIP Lighting Systems



Services & Structures

Custom Design and Manufacturing
Fuel Access Doors
Custom Product Design
Systems Certification

Interiors

Environmental Control Systems Passenger Service Units SmartTray



Test & Simulation

Simulation & Training Systems Test & Measurement

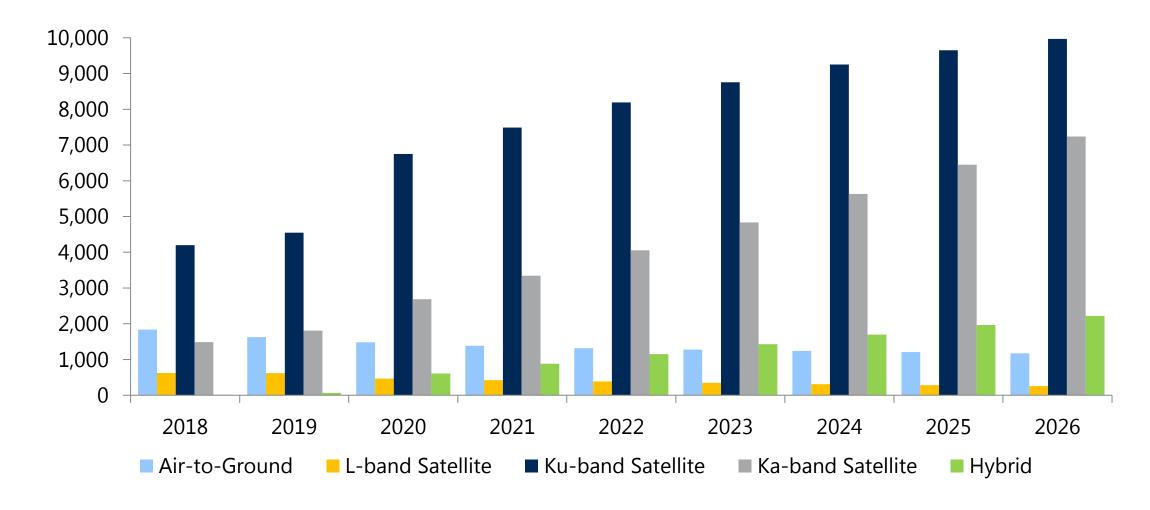


Commercial Aircraft Inflight Entertainment & Connectivity





Growing Addressable Market Total Connected Commercial Aircraft by Frequency Band





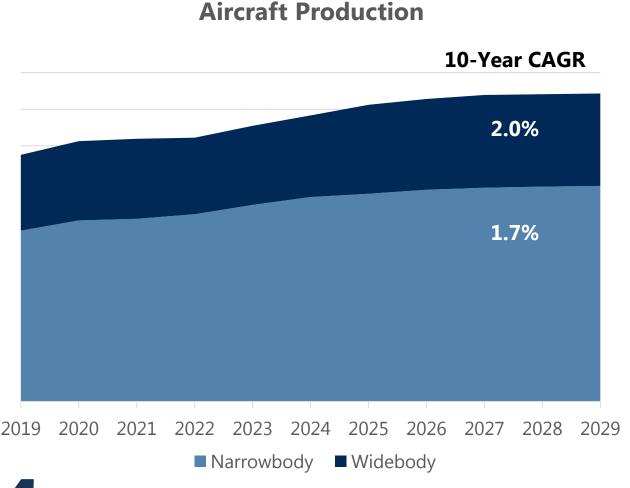
IFEC Technologies & Content Value

Total Addressable Market Opportunity

System Components	ATRO	Product Category	Narrow body Potential Content	Wide body Potential Content
Hardware Equipment				
Antenna System	1	Avionics	\$100k-300k	\$300k
Aircraft Interface Device (AID)	√	Avionics	\$10k	\$10k
Servers	/	Avionics	\$15k	\$15k
Data Loader	1	Avionics	\$5k	\$5k
Wireless Access Points (WAP)	1	Avionics	\$10k	\$15k
In-seat Power	√	Electrical Power & Motion	\$50k-\$100k	\$175k - \$300k
Seatback Displays	√	Avionics		
Passenger Control Units (PCU)	1	Avionics	\$10k	\$20k
Service Delivery				
Content				
Bandwidth				
TOTAL ADDRESSABLE MARKET			\$200k - \$450k	\$540k - \$665k

IFEC Addressable Market: Estimated New Build

Market opportunity next 10 years



New Build Market Opportunity

Wide body

>5,000 aircraft x \$550k = \sim \$3 billion

Narrow body

>16,000 aircraft x \$250k = \sim \$4 billion

Power and Motion In-Seat Power Supply (ISPS)

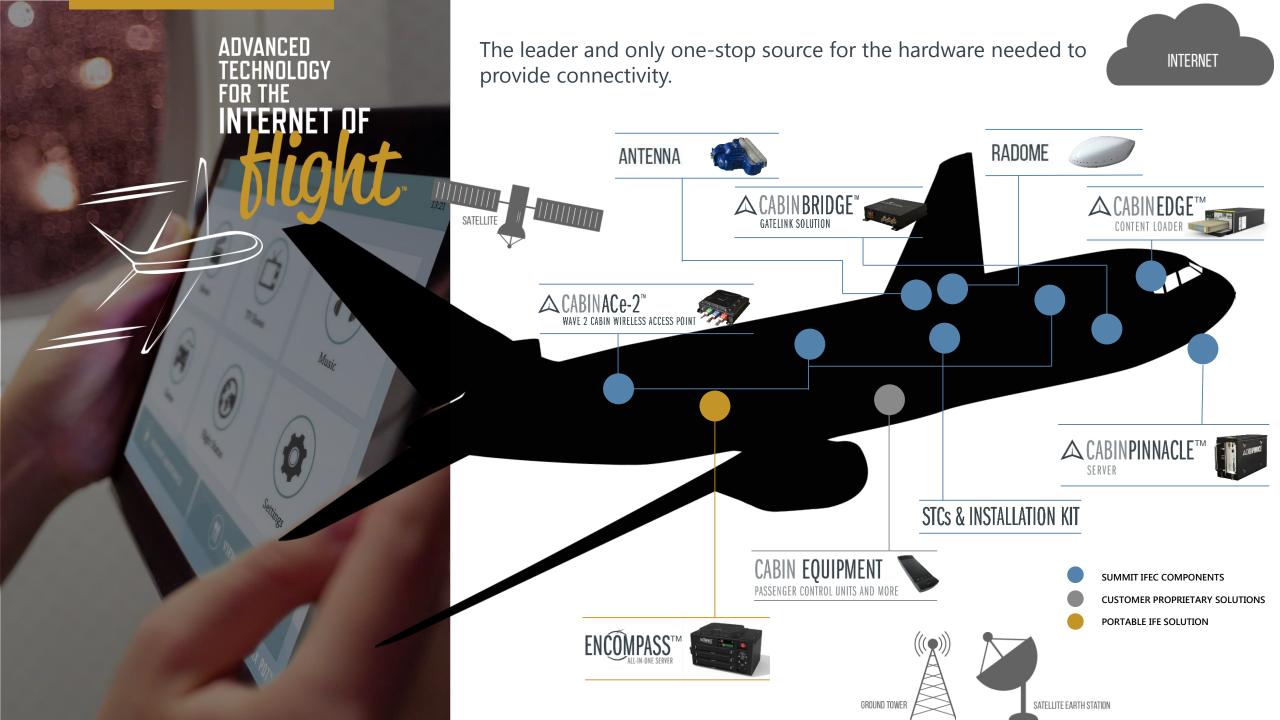
- » In-seat power, line-fit and retrofit, now powering 1 million+ seats on over 280 airlines worldwide
- » High barriers to entry: 90%+ market share
- » ASP: \$350-\$850 per seat
- » Market penetration aircraft: ~80% wide body and ~25% narrow body
- » Market penetration seats: ~60% wide body and ~20% narrow body
- » New build adding over 300,000 seats per year
- » Narrow body aftermarket potential: nearly 2 million seats









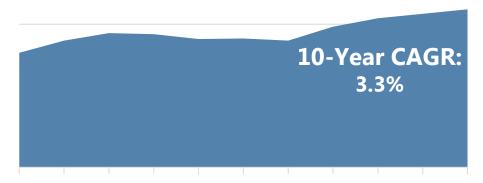


Bizjet Connectivity: Significant Market Potential

Best tail mount antenna in the market



Business Jet Deliveries



2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028

High Throughput Ku Band Connectivity

Tail mount antenna is lighter and better functional fit

Faster than air-to-ground

More reliable and better coverage than Ka band

Partnered with Satcom Direct and IntelSat: "FlexExec"

Partnered with Collins Aerospace and SES: "LuxStream"

Large addressable market

Current fleet:

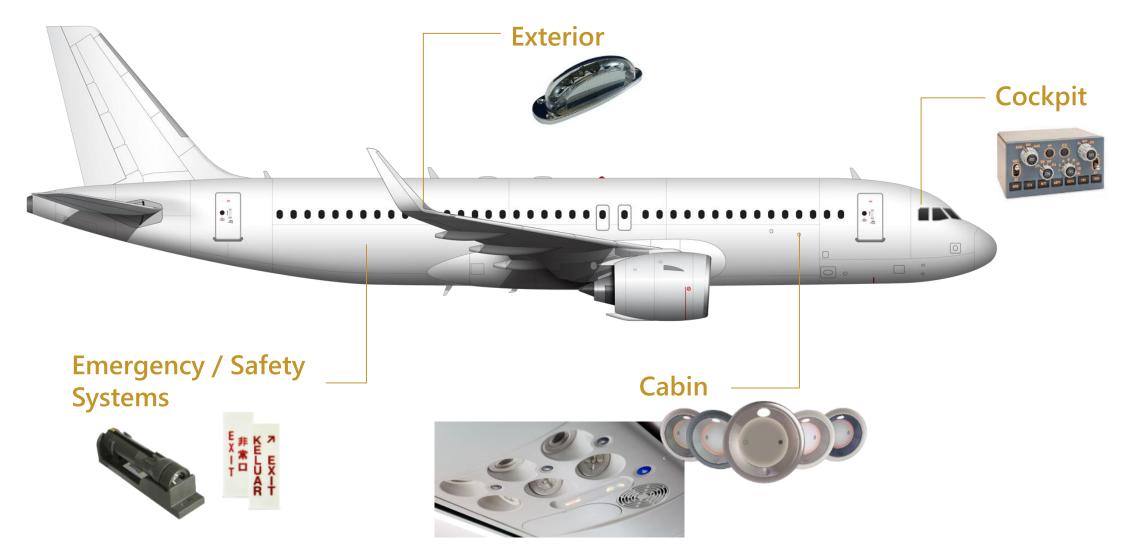
 \sim 5,000 aircraft x \$250k = \sim \$1.3 billion

Estimated new builds:

> 8,000 aircraft x \$250k = ~\$2 billion



Lighting & Safety Solutions





Aircraft Lighting Systems Industry Leader in Aircraft Lighting

A complete array of innovative, lightweight, reliable,

solid-state lighting systems

Products

- » Exterior lighting systems
- » Cabin lighting systems
- » Cockpit lighting systems

Markets

- » Commercial transport
- » Military
- » Business and general aviation



Illuminating commercial, business and military aircraft, including Airbus, Boeing, Embraer, Lockheed and Textron



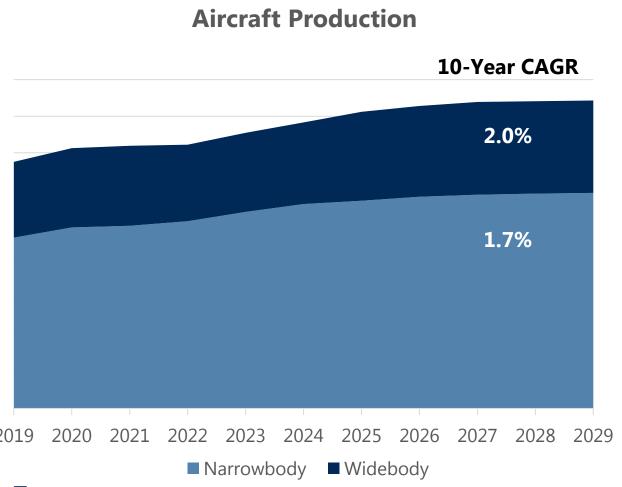
Lighting & Safety Technologies & Content Value

Total Addressable Market Opportunity

Lighting Solutions	ATRO	Product Category	Wide body Potential Content	Narrow body Potential Content	Bizjet Potential Content
Cockpit					
Panels / Keyboards	\checkmark	Lighting & Safety	\$20k	\$15k	\$10k
Caution / Warning	1	Lighting & Safety	\$30k	\$20k	\$10k
Utility			\$10k	\$10k	\$3k
Displays			\$15k	\$15k	\$5k
Exterior	1	Lighting & Safety	\$30k	\$20k	\$10k
Cabin					
Emergency / Signage	1	Lighting & Safety	\$50k	\$20k	\$5k
Area / Mood			\$175k	\$70k	\$10k - \$30k
Passenger Service Units	1	Lighting & Safety	\$250k	\$85k	
Business / First Class Seats	1	Lighting & Safety	\$55k	\$3k	
TOTAL ADDRESSABLE MARKET			\$635k	\$258k	\$53k - \$73k

Aircraft Lighting & Safety Addressable Market

Commercial and BizJet markets next 10 years



New Build Market Opportunity

Wide body

>5,000 aircraft x \$635k = \sim \$3.2 billion

Narrow body

>15,000 aircraft x \$258k = \sim \$3.9 billion

BizJets (2018-2028)

> 8,000 aircraft x \$63k = ~\$500 million



Addressing Trends: Modernization of Aircraft

Clean, Streamlined Cockpit



Traditional Cockpit with Circuit Breakers Learjet 45

Electronic Power Distribution PC-24



Airframe Electrical Power Addressable Market

Electronics Circuit Breaker Units and Long-Life Starter Generator

Innovation and Value for Small to Mid-Size Turbine Aircraft

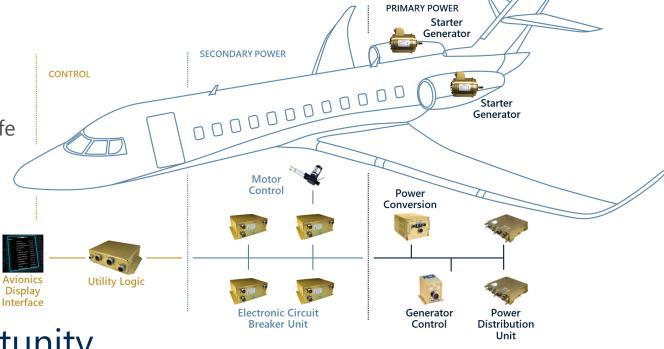
» Lighter weight, greater flexibility, increased safety

» Higher reliability - starter generator has almost 10X life

Programs to date

» Eclipse 500, Lear 85

» Bell 505/V280/525, Daher TBM, Cessna Denali, Pilatus PC 24, Bombardier Global 7000



Total Addressable Market Opportunity

	Small Turbine	Medium Turbine	Large Turbine
Shipset value	\$80k - \$120k	\$100k – \$200k	\$200 – \$600k
Number of aircraft/year	310	230	280
TOTAL	~\$30 million	~\$35 million	~\$110 million



Aerospace

Well Positioned on Wide Range of High Profile Next-Gen Aircraft

CURRENT

NEXT GENERATION

Embraer Phenom 100/300

Exterior lighting

UH-60 Blackhawk

Exterior & cockpit lighting

V-22 Osprey

Cabin, cockpit & exterior lighting

Cessna

Exterior & cockpit lighting

Airbus A380

Cabin lighting & cabin electronics

Boeing 787

Passenger power, fuel doors & cockpit lighting

Boeing 737 NG/BSI

PSU, passenger power available & cockpit lighting

F-35 JSF

Exterior lighting system & lighting controllers

Airbus A350

Emergency egress lighting & passenger power

Boeing 777X

PSU, fuel doors, cabin, cockpit & exterior lighting

Boeing 737MAX

Exterior lighting system & PSU

Embraer E2

Interior and exterior emergency lighting system & PSU

Pilatus PC-24

Airframe power & induction starter generator

Cessna Denali

Induction starter generator, electronic circuit breakers & passenger power

Bell 525/V280/505

Airframe power, lighting/safety





Test SystemsTesting for Mission-Critical Industries

Award-winning test solutions

- » Integrated logistics support
- » Validate operating performance on multiple top-priority defense communications and weapons systems platforms



Improve system reliability, reduce costs, streamline TPS development, and preserve vital legacy investments with test solutions

» Instruments, ATE, and switching systems

» Commissioning, logistics, support, obsolescence management

- » Experience includes:
 - > Military aircraft, avionics, and vehicle systems
 - > Weapons systems
 - Communications and radar systems
 - > Engine systems
 - Military satellites
 - > Shipboard systems





Next-gen radio test set that combines 16+ field test capabilities in one device



Realigning Business to Drive Profitable Growth

Addressing the headwinds

- \$15.4 million in headwinds in Q3 2019
 - Tariffs, loss on sale of business, litigation reserve and losses from challenged businesses
- Consolidating operations, rearranging supply chains, pushing development programs to completion

Eliminate losses from challenged businesses

- Armstrong: Losses diminished; consolidating into CSC
- CCC: Complete program; grow backlog

Fix Aerosat

- Restructure into CSC
- Narrow the focus
- Pursue only most promising and predictable market opportunities
- Complete by end of 2Q 2020



ASTRONICS



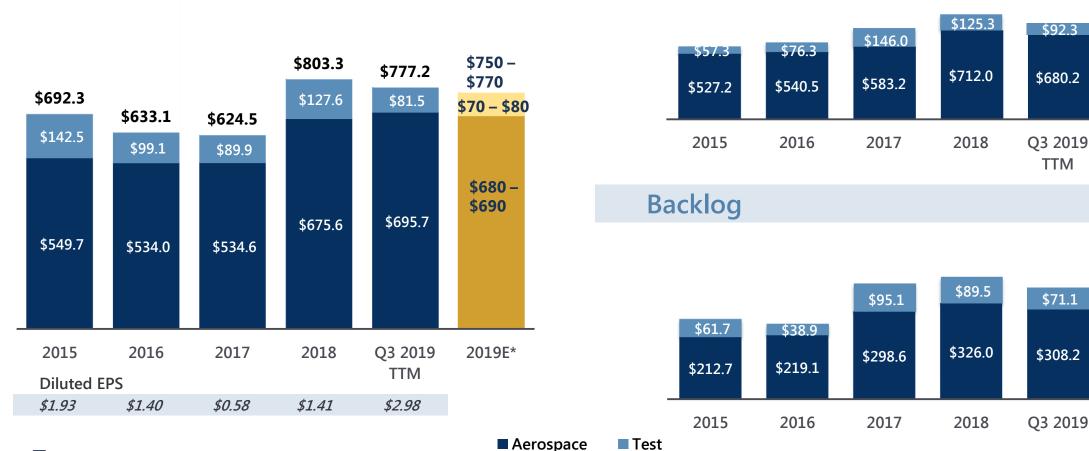
INNOVATION. COLLABORATION. SUCCESS.

Sales, Bookings & Backlog

(US\$ in millions; except EPS)



Annual Bookings



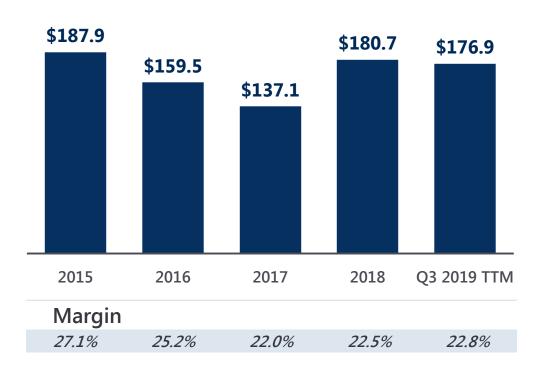


^{*} Guidance provided as of November 5, 2019.

Profit and Margins

(US\$ in millions)

Gross Profit and Margin



Operating Profit and Margin*

Losses of \$30.9 million, \$34.7 million and \$34.1 million from three aerospace businesses in 2017, 2018 and Q3 2019 TTM respectively

Impairment charge of \$16.2 million associated with Armstrong Aerospace in Q4 2017



*As reported



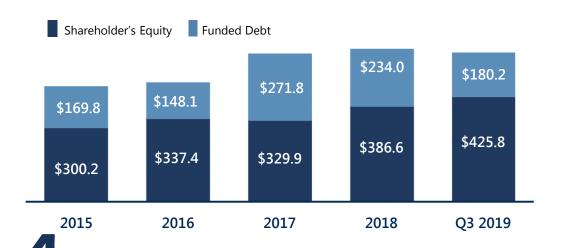
Balance Sheet and Cash Flow

(US\$ in millions)

Cash from Operations



Funded Debt & Shareholders' Equity



Capital allocation:

- » Acquisitions
- » Organic growth
- » Opportunistic stock repurchases

Tolerance for debt:

- » 2x 3x
- » Willing to flex up

Capital Expenditures



^{*} Guidance provided as of November 5, 2019

ASTRONICS



Astronics Corporation





INNOVATION. COLLABORATION. SUCCESS.



Extensive List of Customers

Representative List

280+ Airlines

Airbus

AMAC Aerospace

Bell Helicopter

Boeing

Bombardier

Carson Helicopters

Cirrus Aircraft

Collins Aerospace

Comlux

Dassault Aviation

Embraer

General Dynamics

Gogo

Gulfstream

Hughes

Jet Aviation

L3 Technologies

Leonardo

Lockheed Martin

NASA

Panasonic Avionics

Raytheon Company

Sikorsky

Textron

Thales

Thompson Aero Seating

U.S. Army/Navy/Air Force/Marines

Zodiac Aerospace











A Global Presence to Support Your Needs

Worldwide Manufacturing, Sales and Support





Building a Portfolio for Growth





Commercial OEM Content Serving commercial, business jet and military

- » 777/777X approximately \$240K* in content (PSUs, fuel access doors, exterior, cabin & cockpit lighting)
- » 737 approximately \$95K* in content (PSUs, exterior & cockpit lighting)
- » 787 approximately \$45K* in content (fuel access doors)
- 747 approximately \$30K* in content (PSUs, fuel access doors)
- » A350 approximately \$30K* in content (Emergency lighting)
- » Embraer E2 (PSUs, emergency lighting)

» Exterior Lighting Systems













Power and Motion

First Mover Advantage: Establishing leadership in small aircraft airframe power

The technology for the future of small aircraft: Solid-state power distribution systems replace extensive wiring and traditional electromechanical components with modular electronics and software



» Intelligent systems for power generation, distribution and conversion **COREPOWER**

- » Increased reliability
- » Reduced weight
- » Automation, flexibility
- » Lower life cycle cost
- » Reduces pilot work load

Wins:

- » Daher TBM 900
- » Bell 505, 525 & V280
- » Pilatus PC-24
- » Cessna Denali
- » Global 7000





ASTRONICS



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