

# **Third-Quarter 2019 Performance Review**

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# **Greg Smith**

Chief Financial Officer Executive Vice President of Enterprise Performance & Strategy

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## SAFETY | QUALITY | INTEGRITY

Committed to continuously driving safety across the aviation ecosystem

# REMEMBERING LIVES LOST

**Lion Air Flight 610** 

Indonesia | October 29, 2018 | 6:20 a.m.

Ethiopian Airlines Flight 302 Ethiopia | March 10, 2019 | 8:41 a.m. ESTABLISHED FUND FOR VICTIMS' FAMILIES AND COMMUNITY SUPPORT



### SOFTWARE UPDATES

- Robust MCAS software update THREE ADDITIONAL LAYERS of protection
- 800+ TEST and
  PRODUCTION FLIGHTS
  with new software totaling
  1,500+ HOURS
- Additional updates to the flight control computer software for FURTHER REDUNDANCY AND SAFETY



## TRAINING UPDATES

- Developing COMPREHENSIVE proposed TRAINING with global regulators
- ONGOING FEEDBACK from pilots around the globe
- NEARLY 90%
   of MAX operators
   participated in
   simulator session
   with software update



#### FLEET SUPPORT

- 24/7 OPERATIONS CENTER
- Deliver HIGHEST
   QUALITY on-the ground SUPPORT for
   fleet readiness
- ENTRY-INTO-SERVICE
   APPROACH to support
   MAX return to service augmented with advanced analytics



#### GLOBAL OUTREACH

- CONTINUED LISTENING and FEEDBACK from customers and regulators
- 20 GLOBAL CONFERENCES for operators & financiers with 1100+ PARTICIPANTS from 250+ ORGANIZATIONS
- 545 PARTICIPANTS in SIMULATOR SESSIONS from 140 customers, regulators and other stakeholders



## AIRPLANE PRODUCTION

- Actions to DRIVE
   QUALITY AND STABILITY
   across production system
- CLOSELY ENGAGING
   WITH more than 900
   737 SUPPLIERS
   and efforts for SUPPLY
   CHAIN STABILITY
- MEASURED DECISIONS on production rate to plan for future



#### COMPANY ACTIONS

- STRENGTHENING the culture of SAFETY at Boeing and industry-wide
- Separated Chairman and CEO roles for increased
   FOCUS ON SAFETY and RTS
- REINFORCED CORE VALUES of SAFETY, QUALITY and INTEGRITY in annual recommitment
- ALL-EMPLOYEE QUALITY stand-down and training

### STRENGTHENING THE CULTURE OF SAFETY

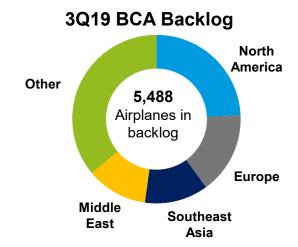
at Boeing and industry-wide

5 4 **PERMANENT ENTERPRISE ENTERPRISE DESIGN ENHANCED AEROSPACE ENGINEERING REQUIREMENTS** CONTINUED **PRODUCT &** SAFETY REALIGNMENT **PROGRAM OPERATION SERVICES BOARD** SAFETY SAFETY COMMITTEE **PROGRAM ORGANIZATION** 6 9 10 **FLIGHT DECK STRENGTHENED LEADERSHIP** SAFETY **TALENT DESIGN AND PROMOTION** SAFETY **IN NEW** INVESTMENT **CAPABILITIES OPERATION** CENTER **SYSTEMS ASSESSMENT EXPANSION** 

# **Third-Quarter Summary**

#### Boeing | Investor Relations

- Continue to engage global regulators and customers on 737 MAX safe return to service
- Generated revenue of \$20.0B and core earnings per share\* of \$1.45
- Recorded operating cash flow of (\$2.4B); paid \$1.2B of dividends
- Delivered 62 commercial airplanes
- Won key defense and space awards; completed key milestones
- Continued BGS growth; captured new opportunities





MQ-25 First Test Flight

Focused on 737 MAX safe return to service; driving enterprise operating performance

<sup>\*</sup> Non-GAAP measure. Additional information is provided in the company's earnings press release dated October 23, 2019 and on slide 14 of this presentation.

### **Business Environment**

#### Boeing | Investor Relations

- Commercial aviation remains long-term growth industry
  - 20-year Commercial Market Outlook of 44,040 airplanes
- Healthy airline industry profitability, resilient passenger traffic
- Diverse and balanced geographic, customer, and replacement demand
- Global trade tension putting near-term pressure on widebody market
- Domestic support for our key defense and space programs
- Continuing international defense and space demand
- Growth opportunities over a 10-year period, \$3.1 trillion services market

# **Strong and Growing Markets** 10-Year Served Market \$8.7T **Aerospace Services** 10-Year Served Market Commercia \$3.1T 3.5% CAGR

Fundamentals remain strong; business environment supportive of growth

# Third-Quarter Revenue and Earnings

#### Boeing | Investor Relations



<sup>\*</sup> Non-GAAP measure. Additional information is provided in the company's earnings press release dated October 23, 2019 and on slide 14 of this presentation.

Driven by lower 737 deliveries, partially offset by higher defense & services volume

# **Commercial Airplanes**

#### Boeing | Investor Relations

- Focused on 737 MAX safe return to service
- Financial results significantly impacted by 737 MAX grounding
- Cost to produce 737 aircraft in program accounting quantity increased \$0.9B
- Delivered 62 airplanes
- Orders valued at \$5B; backlog of \$387B
  - Korean Air ordered 20 787 aircraft
  - Air New Zealand ordered 8 787-10 aircraft
  - China Airlines ordered 6 777 freighters
- Reducing 787 production rate to 12/month for ~2 years beginning in late 2020
- 777X on track for first flight in early 2020, now targeting first delivery in early 2021

#### **Revenues & Operating Margins**





Korean Air orders 20 787 aircraft

Focused on 737 MAX safe return to service; results significantly impacted

# **Defense, Space & Security**

#### Boeing | Investor Relations

- Captured new and follow-on business; well positioned for the future
  - Lot 5 contract for 15 KC-46A Tanker aircraft for U.S. Air Force
  - Contract for 9 AH-64E Apache for U.S. Army
- Executed balanced portfolio
  - Achieved MQ-25 unmanned aerial refueler first test flight
  - Performed 100<sup>th</sup> test flight of the T-7A Red Hawk
  - Completed final assembly of Space Launch System core stage structure
  - Completed first flight of United Kingdom P-8A Poseidon
- Orders valued at \$5B; Backlog of \$62B

#### **Revenues & Operating Margins**





T-7A Red Hawk

Solid execution and healthy demand; increasing productivity and competitiveness

### **Global Services**

#### Boeing | Investor Relations

- Generated strong 14% year-over-year revenue growth
- Captured new and follow-on business
  - Awarded contract with U.S. Air Force to provide F-15 training to Qatar
  - Selected by U.S. Air Force for A-10 Thunderbolt II re-winging contract
  - Signed agreement with IndiGo for digital solutions
  - Secured KC-46A Tanker Lot 5 services contract
- Delivered first SpiceXpress 737-800 Boeing Converted Freighter
- Orders valued at \$6B; Backlog of \$21B

#### **Revenues & Operating Margins**



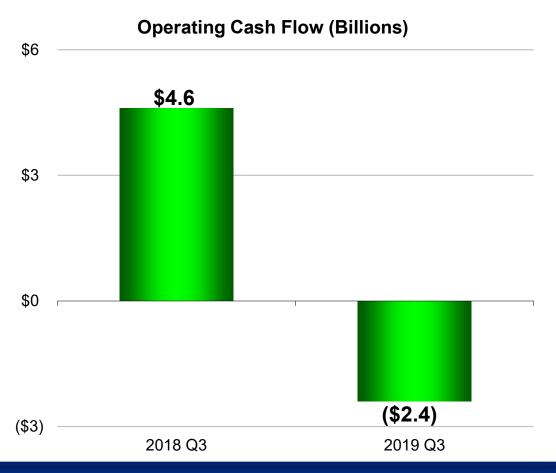


Selected by U.S. Air Force for A-10 re-winging contract

### Sizable market opportunity; growth outpacing market

## **Cash Flow**

#### Boeing | Investor Relations



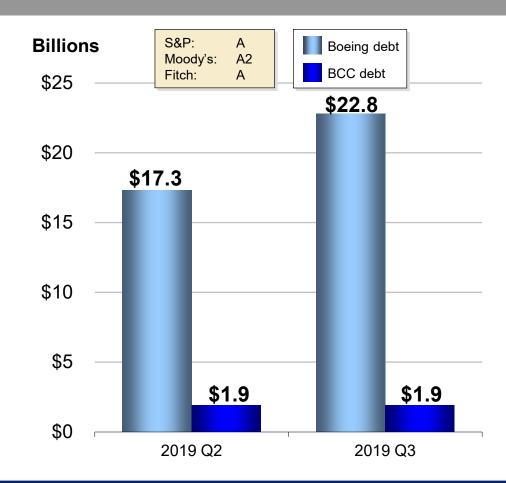
- Lower 737 delivery and advance payments
- Timing of receipts and expenditures

Cash generation significantly impacted by 737 MAX

## **Cash and Debt Balances**

#### Boeing | Investor Relations





### Strong liquidity with manageable debt levels



# Caution Concerning Forward-Looking Statements

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This document contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Words such as "may," "should," "expects," "intends," "projects," "plans," "believes," "estimates," "targets," "anticipates," and similar expressions generally identify these forward-looking statements. Examples of forwardlooking statements include statements relating to our future financial condition and operating results, as well as any other statement that does not directly relate to any historical or current fact. Forward-looking statements are based on expectations and assumptions that we believe to be reasonable when made, but that may not prove to be accurate. These statements are not guarantees and are subject to risks, uncertainties, and changes in circumstances that are difficult to predict. Many factors could cause actual results to differ materially and adversely from these forward-looking statements. Among these factors are risks related to: (1) the timing and conditions surrounding the return to service of the 737 MAX fleet (2) general conditions in the economy and our industry, including those due to regulatory changes; (3) our reliance on our commercial airline customers; (4) the overall health of our aircraft production system, planned production changes, our commercial development and derivative aircraft programs, and our aircraft being subject to stringent performance and reliability standards; (5) changing budget and appropriation levels and acquisition priorities of the U.S. government; (6) our dependence on U.S. government contracts; (7) our reliance on fixed-price contracts; (8) our reliance on cost-type contracts; (9) uncertainties concerning contracts that include in-orbit incentive payments; (10) our dependence on our subcontractors and suppliers, as well as the availability of raw materials; (11) changes in accounting estimates; (12) changes in the competitive landscape in our markets; (13) our non-U.S. operations, including sales to non-U.S. customers; (14) threats to the security of our or our customers' information; (15) potential adverse developments in new or pending litigation and/or government investigations; (16) customer and aircraft concentration in our customer financing portfolio; (17) changes in our ability to obtain debt on commercially reasonable terms and at competitive rates in order to fund our operations and contractual commitments; (18) realizing the anticipated benefits of mergers, acquisitions, joint ventures/strategic alliances or divestitures; (19) the adequacy of our insurance coverage to cover significant risk exposures; (20) potential business disruptions, including those related to physical security threats, and information technology or cyber-attacks or natural disasters; (21) work stoppages or other labor disruptions; (22) substantial pension and other postretirement benefit obligations; (23) potential environmental liabilities.

Additional information concerning these and other factors can be found in our filings with the Securities and Exchange Commission, including our most recent Annual Report on Form 10-K, Quarterly Reports on Form 10-Q and Current Reports on Form 8-K. Any forward-looking statement speaks only as of the date on which it is made, and we assume no obligation to update or revise any forward-looking statement, whether as a result of new information, future events, or otherwise, except as required by law.

## Non-GAAP Measure Disclosure

#### Boeing | Investor Relations

#### The Boeing Company and Subsidiaries Reconciliation of Non-GAAP Measure (Unaudited)

The table provided below reconciles the non-GAAP financial measure core earnings per share with the most directly comparable GAAP financial measure diluted earnings per share. See page 6 of the company's press release dated October 23, 2019 for additional information on the use of core earnings per share as a non-GAAP financial measure.

(Dollars in millions, except per share data)	Third Quarter 2019		Third Quarter 2018	
	\$ millions	Per Share	\$ millions	Per Share
Diluted earnings per share (GAAP)		\$2.05		\$4.07
Pension FAS/CAS service cost adjustment	(\$274)	(0.48)	(\$260)	(0.45)
Postretirement FAS/CAS service cost adjustment	(90)	(0.16)	(77)	(0.13)
Non-operating pension expense	(93)	(0.17)	(50)	(0.09)
Non-operating postretirement expense	27	0.05	29	0.05
Provision for deferred income taxes on adjustments <sup>1</sup>	90	0.16	75	0.13
Subtotal of adjustments	(\$340)	(\$0.60)	(\$283)	(\$0.49)
Core earnings per share (non-GAAP)		\$1.45		\$3.58
Weighted average diluted shares (in millions)		569.2		580.8

<sup>&</sup>lt;sup>1</sup> The income tax impact is calculated using the U.S. corporate statutory tax rate.