

Boeing

March deliveries to remain light with 737 production at mid-teen levels

Maintain Rating: NEUTRAL | PO: 225.00 USD | Price: 179.84 USD

March dels set to continue soft across all BA programs

According to Aero Analysis Partners/AIR (AAP/AIR), Boeing has delivered 13 MAXs as of March 14th. This marks an improvement from the 8 MAXs delivered during the same timeframe in February. However, AAP/AIR anticipates that March deliveries will continue to be sluggish across all Boeing programs. Additionally, as of mid-March, there has been no deliveries of other variants besides the 737-8 aircraft.

737's production expected to hover around mid-teens

In terms of production, AAP/AIR observes a shift in Boeing's approach since mid-February, instead of rolling out completed MAX aircraft from the Final Assembly Line, they are now being retained within this facility. Despite this, MAX production continues at a steady albeit moderate pace, with completed aircraft kept within the FAL upon completion. AAP/AIR foresees that 737 production will persist in the mid-teens range for the next few months. We maintain our Neutral rating on Boeing, as we think that it will be able to continue to benefit from the robust global demand environment and in the long run benefit from increased quality assurance, despite possible short- to medium-term risks.

Estimates (Dec) (US\$)	2022A	2023A	2024E	2025E	2026E
EPS	(11.05)	(5.81)	0.70	6.55	8.90
GAAP EPS	(8.29)	(3.67)	2.34	8.03	10.24
EPS Change (YoY)	-17.1%	47.4%	NM	835.7%	35.9%
Consensus EPS (Bloomberg)			3.04	8.04	10.53
DPS	0	0	0	0	0
Valuation (Dec)					
P/E	NM	NM	256.9x	27.5x	20.2x
GAAP P/E	NM	NM	76.9x	22.4x	17.6x
EV / EBITDA*	NM	166.8x	34.3x	19.4x	15.9x
Free Cash Flow Yield*	2.1%	4.0%	3.8%	5.8%	7.3%
* For full definitions of <i>iQ</i> method ^{≤M} measures, see page 4.					

19 March 2024

Equity

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Stock Data

179.84 USD Price Objective 225 00 USD Date Established 25-lan-2024 Investment Opinion B-2-9 52-Week Range 176.25 USD - 267.54 USD 109,727 USD / 610.1 Mrkt Val (mn) / Shares Out (mn) Free Float 99 9% Average Daily Value (mn) 1357.45 USD BofA Ticker / Exchange BA / NYS Bloomberg / Reuters BA US / BA N ROE (2024E) Net Dbt to Eqty (Dec-2023A) NΑ

Dels: Deliveries

FAL: Final Assembly Line

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Refer to important disclosures on page 5 to 7. Analyst Certification on page 3. Price
Objective Basis/Risk on page 3.

Timestamp: 19 March 2024 03:00AM EDT

iQprofile[™] Boeing

Short-Term Debt 5,190 5,204 5,204 5,204 Other Current Liabilities 84,862 90,623 87,247 86,079 Long-Term Debt 51,811 47,103 43,103 37,603 Other Non-Current Liabilities 11,085 11,310 10,901 10,417 Total Liabilities 152,948 154,240 146,455 139,303 1	Qmethod SM - Bus Performance*					
Return of Equity	US\$ Millions)	2022A	2023A	2024E	2025E	2026E
Departing Margin Free Cash Flow Free Cash Flow Pree Cash Flow Data (Dec) Pree Cash Flow Data (Data (Dec) Pree Cash Flow Data (Da	Return on Capital Employed	-5.8%	-1.4%	6.8%	15.2%	18.6%
Free Cash Flow 2,290 4,433 4,217 6,324 Qmethod	Return on Equity	NM	NM	NM	NM	NM
Cymethod	Operating Margin		-1.0%	4.1%		9.8%
CLISS Millions 2022A	Free Cash Flow	2,290	4,433	4,217	6,324	8,030
Cash Realization Ratio NM NM 13.5x 2.0x Asset Replacement Ratio 0.6x 0.8x 0.9x Tax Rate NM NM 4.1% 13.0% Net Debt-to-Equity Ratio NM NM NM NM Income Statement Data (Dec) V 1.5x -0.4x 1.4x 3.4x Income Statement Data (Dec) V 2022A 2023A 2024E 2025E Sales 66,608 77,794 83,300 90,983 96,60,99 16,8% 7,1% 9.2% 66,608 77,794 83,300 90,983 96,61,99 16,68% 7,1% 9.2% 16,663 96,61,99 16,68% 7,1% 9.2% 16,663 96,71,99 9,2% 16,663 96,72 12,288 16,663 96,72 12,288 16,663 96,72 12,288 16,663 96,72 18,288 5,290 9,359 96,60 11,888 5,91% 3,55% 18,288 1,290 3,359 7,69% Net Intermed Annet Interme	Q method SM − Quality of Earnings*					
Asset Replacement Ratio 0.6x 0.8x 0.8x 0.9x 1ar. Rate NM NM A.196 13.0% Net Debt-to-Equity Ratio NM NM NM NM NM NM Interest Cover -1.5x -0.4x 1.4x 3.4x	US\$ Millions)	2022A	2023A	2024E	2025E	2026E
Tax Rate	Cash Realization Ratio	NM	NM	13.5x	2.0x	1.8x
Net Debt-to-Equity Ratio NM	Asset Replacement Ratio	0.6x	0.8x	0.8x	0.9x	0.9x
Interest Cover	Tax Rate	NM	NM	4.1%	13.0%	19.0%
Income Statement Data (Dec)	Net Debt-to-Equity Ratio	NM	NM	NM	NM	NM
CUSS Millions 2022A 2023A 2024E 2025E	Interest Cover	-1.5x	-0.4x	1.4x	3.4x	4.6x
Sales 66,608 77,794 83,300 90,983 % Change 6.9% 16.8% 7.1% 9.2% Gross Profit 3,530 7,724 12,288 16,663 % Change 15.8% 118.8% 59,1% 35,6% EBITDA (1,568) 1,088 5,290 9,359 % Change -106,9% NM 386,3% 76,9% Net Income (Adjusted) (6,577) (3,521) 429 4,032 % Change -18.5% 46.5% NM 840.4% Free Cash Flow Data (Dec) (US\$ Millions) 2022A 2023A 2024E 2025E Net Income from Cont Operations (GAAP) (5,171) (2,262) 1,435 4,943 Depreciation & Amortization 1,979 1,861 1,912 1,883 Change in Working Capital 4,139 4,089 422 (653) Deferred Taxation Charge NA NA NA NA NA NA NA NA <t< td=""><td>ncome Statement Data (Dec)</td><td></td><td></td><td></td><td></td><td></td></t<>	ncome Statement Data (Dec)					
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Gross Profit 3,530 7,724 12,288 16,663 % Change 15,8% 118,8% 59,1% 35,6% EBITDA (1,568) 1,088 52,99 9,359 % Change -106,9% NM 386,3% 76,9% Net Income (Adjusted) (6,577) (3,521) 429 4,032 % Change -18.5% 46.5% NM 840.4% Free Cash Flow Data (Dec) (USS Millions) 2022A 2023A 2024E 2025E Net Income from Cont Operations (GAAP) (5,171) (2,262) 1,435 4,943 Depreciation & Amortization 1,979 1,861 1,912 1,883 Change in Working Capital 4,139 4,089 422 (653) Deferred Taxation Charge NA NA <t< td=""><td>Sales</td><td>66,608</td><td>77,794</td><td>83,300</td><td>90,983</td><td>96,531</td></t<>	Sales	66,608	77,794	83,300	90,983	96,531
Milestrate	% Change	6.9%	16.8%	7.1%	9.2%	6.1%
EBITDA	Gross Profit	3,530	7,724	12,288	16,663	19,083
% Change -106.9% NM 386.3% 76.9% Net Interest & Other Income (1,475) (1,232) (1,863) (1,772) Net Income (Adjusted) (6,577) (3,521) 429 4,032 % Change -18.5% 46.5% NM 840.4% Free Cash Flow Data (Dec) (US\$ Millions) 2022A 2023A 2024E 2025E Net Income from Cont Operations (GAAP) (5,171) (2,262) 1,435 4,943 Depreciation & Amortization 1,979 1,861 1,912 1,883 Change in Working Capital 4,139 4,089 422 (653) Deferred Taxation Charge NA A,217 6,324 9 4,227 2,000 1,649 1,649 1,634 1,217 1,552 1,649	% Change	15.8%	118.8%			14.5%
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Short-Term Debt 5,190 5,204 5,204 5,204 Other Current Liabilities 84,862 90,623 87,247 86,079 Long-Term Debt 51,811 47,103 43,103 37,603 Other Non-Current Liabilities 11,085 11,310 10,901 10,417 Total Liabilities 152,948 154,240 146,455 139,303 1	Other Non-Current Assets	17,027	17,076	16,820	16,576	16,344
Other Current Liabilities 84,862 90,623 87,247 86,079 Long-Term Debt 51,811 47,103 43,103 37,603 Other Non-Current Liabilities 11,085 11,310 10,901 10,417 Total Liabilities 152,948 154,240 146,455 139,303 1	Total Assets	137,100	137,012	130,662	128,453	126,195
Long-Term Debt 51,811 47,103 43,103 37,603 Other Non-Current Liabilities 11,085 11,310 10,901 10,417 Total Liabilities 152,948 154,240 146,455 139,303 1	Short-Term Debt	5,190	5,204	5,204	5,204	5,204
Other Non-Current Liabilities 11,085 11,310 10,901 10,417 Total Liabilities 152,948 154,240 146,455 139,303 1			90,623	87,247		85,851
Total Liabilities 152,948 154,240 146,455 139,303 1	-	51,811		43,103		29,603
, , , , , , , , , , , , , , , , , , , ,						10,053
Total Equity (15.949) (17.229) (15.703) (10.950)		•	•	•	•	130,711
	Total Equity	(15,848)	(17,228)	(15,793)	(10,850)	(4,516)
Total Equity & Liabilities 137,100 137,012 130,662 128,453 1	Total Equity & Liabilities	137,100	137,012	130,662	128,453	126,195

Company Sector

Aerospace

Company Description

Boeing (BA) is the world's leading aerospace company and the largest manufacturer of commercial jetliners and military aircraft combined. The different segments in the company are Commercial Airplanes, Boeing Defense, Space & Security (BDS), Boeing Global Services, and Boeing Capital Corporation, which provide financial solutions facilitating sale and delivery of Boeing commercial and military aircraft, satellites, and launch vehicles. BA is based in Arlington, Virginia.

Investment Rationale

Boeing is participating in the commercial aerospace recovery, as part of the global duopoly in large commercial aircraft manufacturing. However, there are some company-specific challenges. Boeing is confronted with losing market share in the narrowbody jet market, refocusing it on engineering excellence and execution, and deleveraging its balance sheet. Reputation risk stemming from recent incidents could result in fewer incremental orders.

Stock Data

Average Daily Volume

7,548,102

Quarterly Earnings Estimates

	2023	2024
Q1	-1.27A	NA
Q2	-0.82A	NA
Q3	-3.26A	NA
04	-0 47A	NΔ

* For full definitions of \emph{IQ} method $^{\text{SM}}$ measures, see page 4.

Price objective basis & risk

Boeing (BA)

Our PO of \$225 is based on 2026e FCF of \$13/share and relative discount to the S&P500 of 0.9x (about one standard deviation above historical avg). In our view, a multiple roughly in line with the historical average fairly reflects the looming aerospace recovery, strong demand for commercial jets, defense opportunities, and the lack of dividend.

Upside risks are the possible involvement of an activist shareholder, better-than-expected cash margins at 787 and/or MAX programs, the company's ability to sustain 777 delivery rates through the bridge to 777X, lower-than-expected 777X, future single-aisle and middle-of-the-market aircraft development costs.

Downside risks: Tight competition for engineering talent in the current labor market could make new product development more challenging. Execution risk on new programs and production ramp-ups (737MAX, 777X, KC-46) could result in cost overruns and margin contractions. Changes in trade policy that end in a trade war. A sharp and prolonged surge in oil prices to above \$100/bbl would be negative to aircraft demand. A downturn in commercial aviation, due to an exogenous factor, could adversely affect financial results. As aircraft are priced in USD, an unexpected rapid revaluation in the dollar could significantly affect order activity. Also, a strong dollar could improve EU competitor's advantage. 787 fixes could take longer than expected. Reputation risk stemming from recent incidents could result in fewer incremental orders.

Analyst Certification

I, Ronald J. Epstein, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

US - Aerospace and Defense Coverage Cluster

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
BUY				
	AerCap Holdings N.V.	AER	AER US	Ronald J. Epstein
	Air Lease Corporation	AL	AL US	Ronald J. Epstein
	Booz Allen Hamilton	BAH	BAH US	Mariana Perez Mora
	BWX Technologies, Inc.	BWXT	BWXT US	Ronald J. Epstein
	CACI International	CACI	CACI US	Mariana Perez Mora
	Crane Co.	CR	CR US	Ronald J. Epstein
	Embraer	ERJ	ERJ US	Ronald J. Epstein
	GE Aerospace	GE	GE US	Ronald J. Epstein
	General Dynamics	GD	GD US	Ronald J. Epstein
	HEICO Corporation	HEI	HEI US	Ronald J. Epstein
	Howmet Aerospace Inc.	HWM	HWM US	Ronald J. Epstein
	KBR	KBR	KBR US	Mariana Perez Mora
	Leidos Holdings	LDOS	LDOS US	Mariana Perez Mora
	Leonardo DRS, Inc.	DRS	DRS US	Ronald J. Epstein
	Northrop Grumman	NOC	NOC US	Ronald J. Epstein
	Palantir Technologies	PLTR	PLTR US	Mariana Perez Mora
	Parsons Corporation	PSN	PSN US	Mariana Perez Mora
	RBC Bearings Inc	RBC	RBC US	Ronald J. Epstein



US - Aerospace and Defense Coverage Cluster

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
	Rocket Lab	RKLB	RKLB US	Ronald J. Epstein
	Teledyne Technologies Inc	TDY	TDY US	Ronald J. Epstein
	Textron	TXT	TXT US	Ronald J. Epstein
	TransDigm Group Inc.	TDG	TDG US	Ronald J. Epstein
	Triumph Group	TGI	TGI US	Ronald J. Epstein
NEUTRAL				
	Albany International	AIN	AIN US	Ronald J. Epstein
	Boeing	BA	BA US	Ronald J. Epstein
	Garmin	GRMN	GRMN US	Ronald J. Epstein
	Hexcel Corporation	HXL	HXL US	Ronald J. Epstein
	L3Harris	LHX	LHX US	Ronald J. Epstein
	Lockheed Martin	LMT	LMT US	Ronald J. Epstein
	RTX Corp	RTX	RTX US	Ronald J. Epstein
UNDERPERFORM				
	Bombardier	BDRBF	BDRBF US	Ronald J. Epstein
	Bombardier Inc.	YBBD B	BBD/B CN	Ronald J. Epstein
	CAE Inc.	YCAE	CAE CN	Ronald J. Epstein
	CAE Inc.	CAE	CAE US	Ronald J. Epstein
	Huntington Ingalls Industries	HII	HII US	Ronald J. Epstein
	Mercury Systems	MRCY	MRCY US	Ronald J. Epstein
RSTR				
	Cadre Holdings Inc	CDRE	CDRE US	Ronald J. Epstein

Pmethod[™] Measures Definitions

Business Performance	Numerator	Denominator
Return On Capital Employed	NOPAT = (EBIT + Interest Income) \times (1 - Tax Rate) + Goodwill Amortization	Total Assets – Current Liabilities + ST Debt + Accumulated Goodwill
		Amortization
Return On Equity	Net Income	Shareholders' Equity
Operating Margin	Operating Profit	Sales
Earnings Growth	Expected 5 Year CAGR From Latest Actual	N/A
Free Cash Flow	Cash Flow From Operations — Total Capex	N/A
Quality of Earnings	Numerator	Denominator
Cash Realization Ratio	Cash Flow From Operations	Net Income
Asset Replacement Ratio	Capex	Depreciation
Tax Rate	Tax Charge	Pre-Tax Income
Net Debt-To-Equity Ratio	Net Debt = Total Debt - Cash & Equivalents	Total Equity
Interest Cover	EBIT	Interest Expense
Valuation Toolkit	Numerator	Denominator
Price / Earnings Ratio	Current Share Price	Diluted Earnings Per Share (Basis As Specified)
Price / Book Value	Current Share Price	Shareholders' Equity / Current Basic Shares
Dividend Yield	Annualised Declared Cash Dividend	Current Share Price
Free Cash Flow Yield	Cash Flow From Operations – Total Capex	Market Cap = Current Share Price × Current Basic Shares
Enterprise Value / Sales	EV = Current Share Price × Current Shares + Minority Equity + Net Debt +	Sales
	Other LT Liabilities	
EV / EBITDA	Enterprise Value	Basic EBIT + Depreciation + Amortization
LV / LUITUM	Efferprise value	basic Ebit - Depreciation - Amortization

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Important Disclosures

Boeing (BA) Price Chart



B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

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Equity Investment Rating Distribution: Aerospace/Defense Electronics Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	31	62.00%	Buy	23	74.19%
Hold	11	22.00%	Hold	9	81.82%
Sell	8	16.00%	Sell	6	75.00%

Equity Investment Rating Distribution: Global Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	1895	53.62%	Buy	1083	57.15%
Hold	832	23.54%	Hold	454	54.57%
Sell	807	22.84%	Sell	383	47.46%

R1 Issuers that were investment banking clients of BofA Securities or one of its affiliates within the past 12 months. For purposes of this Investment Rating Distribution, the coverage universe includes only stocks. A stock rated Neutral is included as a Hold, and a stock rated Underperform is included as a Sell.

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Investment rating Total return expectation (within 12-month period of date of initial rating) Ratings dispersion guidelines for coverage cluster^{R2}

Buy	≥ 10%	≤ 70%
Neutral	≥ 0%	≤ 30%
Underperform	N/A	≥ 20%

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