



### Daiwa Auto and Industrials Leaders Conference 2020

2 JULY 2020



### **Disclaimer**

This presentation contains information about BOC Aviation Limited ("BOC Aviation"), current as at the date hereof or as at such earlier date as may be specified herein. This document does not constitute or form part of and should not be construed as, an offer to sell or issue or the solicitation of an offer to buy or acquire securities of BOC Aviation or any of its subsidiaries or affiliates or any other person in any jurisdiction or an inducement to enter into investment activity and does not constitute marketing material in connection with any such securities.

Certain of the information contained in this document has not been independently verified and no representation or warranty, expressed or implied, is made as to, and no reliance should be placed on, the information or opinions contained herein or in any verbal or written communication made in connection with this presentation. The information set out herein may be subject to revision and may change materially. BOC Aviation is not under any obligation to keep current the information contained in this document and any opinions expressed in it are subject to change without notice.

No part of this document, nor the fact of its distribution, should form the basis of, or be relied on in connection with, any contract or commitment or investment decision whatsoever. No representation, warranty or undertaking, express or implied, is made as to, and no reliance should be placed on, the fairness, accuracy, completeness or correctness of the information or the opinions contained herein. Neither BOC Aviation nor any of its affiliates, advisors, agents or representatives including directors, officers and employees shall have any liability whatsoever (in negligence or otherwise) for any loss howsoever arising from any use of this document or its contents or otherwise arising in connection with this document. This document is highly confidential and is being given solely for your information and for your use and may not be shared, copied, reproduced or redistributed to any other person in any manner.

This document may contain "forward-looking statements", which include all statements other than statements of historical facts, including, without limitation, any statements preceded by, followed by or that include the words "will", "would", "aimed", "will likely result", "is likely", "are likely", "believe", "expect", "expected to", "will continue", "will achieve", "anticipate", "estimate", "estimating", "intend", "plan", "contemplate", "seek to", "seeking to", "trying to", "traget", "propose to", "future", "objective", "goal", "project", "should", "can", "could", "may", "will pursue" or similar expressions or the negative thereof. Such forward-looking statements involve known and unknown risks, uncertainties and other important factors beyond BOC Aviation's control that could cause the actual results, performance or achievements of BOC Aviation to be materially different from future results, performance or achievements expressed or implied by such forward-looking statements. Neither BOC Aviation nor any of its affiliates, agents, advisors or representatives (including directors, officers and employees) intends or has any duty or obligation to supplement, amend, update or revise any of the forward-looking statements contained in this document.

Any securities or strategies mentioned herein (if any) may not be suitable for all investors. Recipients of this document are required to make their own independent investigation and appraisal of the business and financial condition of BOC Aviation and/or any other relevant person, and any tax, legal, accounting and economic considerations that may be relevant. This document contains data sourced from and the views of independent third parties. In replicating such data in this document, BOC Aviation does not make any representation, whether express or implied, as to the accuracy of such data. The replication of any views in this document should not be treated as an indication that BOC Aviation agrees with or concurs with such views.



### **Overview**

- Consistently profitable
  - 2019 was 26<sup>th</sup> year of profits and 15<sup>th</sup> year of record earnings
  - However, 1H2020 is the most challenging in our Company's history
- We are improving our portfolio and customer base with new business in 2020, including:
  - United Airlines purchase-and-leaseback for six Boeing 787-9 aircraft and 16 Boeing 737-9 MAX aircraft
  - Wizz Air purchase-and-leaseback for six Airbus A321NEO aircraft
  - Southwest Airlines purchase-and-leaseback for 10 Boeing 737 MAX 8 aircraft, which closed in June 2020
- Announced an agreement with Boeing on 30 June 2020 to reshape our MAX delivery stream
  - Best deployment of our capital to support Boeing and our airline customers
  - We now have 16 delivered MAX and 73 in the order book with all deliveries before 2023 placed
  - Builds on our 26-year relationship with Boeing
- Ended 31 March 2020 with total fleet of 567 comprising 323 owned, 40 managed and 204 on order
  - Portfolio utilization of 100% and collection rate of 94%
    - 2Q20 collections will be under pressure given passenger traffic hit a low point in April 2020
  - Average fleet age of 3.4 years and average remaining lease term of 8.5 years<sup>1</sup>
- During 1Q2020, we took delivery of 10 aircraft<sup>2</sup> and sold three owned aircraft
  - Signed 38 lease commitments
- S&P Global Ratings and Fitch Ratings both reaffirmed our credit ratings of A- during the quarter
  - We have drawn US\$3.75 billion of new term financing comprising US\$2.15 billion of bonds and US\$1.6 billion in term loans so far this year
- Continuing support of Bank of China

#### We are well-supported by our major shareholder, Bank of China

All data as at 31 March 2020 unless otherwise indicated Notes:

1. Weighted by net book value of owned fleet



**BOC AVIATION** 

## **BOC Aviation is a Long-term Investor in Aircraft**

- Senior creditor in airline cashflow, not airline equity
- A business that supports the real economy (Airlines, Travel)
- Highly diversified global customer base
  - 92 airlines in 40 countries and regions
- Experienced management team has successfully led the Company through multiple cycles
- Counter cyclical approach to investment
  - Took the opportunity to add high quality assets to our portfolio on long-term leases to well established airlines during the COVID-19 downturn
  - Benefiting from immediate cashflow that these transactions provide, with collection rates of 100% from recently added customers
- Well-structured operating leases that feature
  - Monthly or quarterly rents that are paid in advance
  - Security deposits
  - Long lease terms

#### Focus on long-term sustainable earnings



## A Record Year



All data as at 31 December 2019

#### Notes:

- 1. Compared to FY2018 or as at 31 December 2018
- 2. Calculated as lease rental income less finance expenses apportioned to lease rental income, divided by average net book value of aircraft
- 3. Calculated as lease rental income less aircraft depreciation and finance expenses apportioned to lease rental income, amortisation of deferred debt issue cost and lease transaction closing cost
- 4. Includes interim dividend of US\$0.1388 per share paid to shareholders registered at the close of business on 3 October 2019. The final dividend of US\$0.2153 will be payable to shareholders registered at the close of business on the record date, being 4 June 2020.
- 5. Compared to US\$0.3129 paid for FY2018



## **Record NPAT**

#### Fleet growth underpins growth in revenues



#### Rising core lease rental contribution<sup>1</sup>



#### **Robust NPAT performance**



**Continuing PBT Growth** 

#### All data as at 31 December 2019 Note:

US\$ million

 Calculated as lease rental income less aircraft depreciation and finance expenses apportioned to lease rental income, amortisation of deferred debt issue cost and lease transaction closing cost US\$ million





### **FY2019 NPAT Drivers**

Year-on-Year change (US\$ million)



Robust growth across all revenue-contributing activities



### Lease Rental Income Continues to Dominate Revenue

Lease rental income consistently over 85% of total revenues and other income US\$ million Interest, fee income and others 1,976 1,726 6.9% 138 Net gain on sale of 134 92 91 aircraft 6.8% 1,704 1.543 2018 2019 Net gain on sale of aircraft Lease rental income Lease rental income Interest, fee income and others 86.3%

#### Depreciation of aircraft plus financing costs make up >85% of total costs



Comprises aircraft depreciation 1.

Note:

### **Core Leasing Business Supports Earnings Growth**



income, amortisation of deferred debt issue cost and lease transaction closing cost

- 2. Calculated as interest and fee income less finance expenses apportioned to interest and fee income
- 3. Comprises aircraft depreciation
- 4. Weighted by net book value of owned fleet



#### and high future committed lease revenue





### Leasing Market Continues to Shift Towards Fixed Rates



#### Proportion of fixed rate leases rising steadily<sup>2</sup>





#### All data as at 31 December 2019

#### Notes:

- 1. Calculated as lease rental income divided by average net book value of aircraft and multiplied by 100%
- By net book value including aircraft held for sale and excluding aircraft subject to finance lease as well 2. as aircraft off lease
- 3. Calculated as the sum of finance expenses and capitalized interest, divided by average total indebtedness. Total indebtedness represents loans and borrowings and finance lease payables before adjustments for deferred debt issue costs, fair values, revaluations and discounts/premiums to medium term notes
- 4. Calculated as lease rental income less finance expenses apportioned to lease rental income, divided by average net book value of aircraft



#### Cost of debt<sup>3</sup> reflects more fixed rate funding



#### Maintaining stable net lease yield<sup>4</sup>





### **Stable Debt Structure**

US\$ billion



80% of debt unchanged from 1 January 2019 and debt to equity of 2.9:1



# **Globally Diversified Portfolio**



Fleet utilization is the total days on-lease in the period as a percentage of total available lease days in the period

### **Long-term Contracted USD Leases**

Well-dispersed lease expiries<sup>1</sup>



Number of leases expiring (LHS) — Percentage of aircraft NBV with leases expiring (RHS)

All data as at 31 March 2020 Note:

1. Owned aircraft with lease expiring in each calendar year excluding any aircraft for which BOC Aviation has a sale or lease commitment, weighted by net book value of owned fleet as at 31 March 2020



## **Flexible Capital Structure and Ample Backstop Liquidity**



#### Outstanding debt amortises over a long term



#### Increasing unsecured funding



#### Debt repayment by year



#### Undrawn committed credit lines and cash of US\$3.6 billion at 31 March 2020<sup>4</sup>

All data as at 31 December 2019 unless otherwise indicated Notes:

1. Drawn debt only

2. ECA refers to debt guaranteed by the export credit agencies of France, Germany, the United Kingdom or the United States

- 3. US\$950m of 2020 debt repayments made on schedule in 1Q20
- 4. We raised US\$1bn in April 2020 and another US\$750m in June 2020



### **Popular and Fuel-Efficient Fleet**

Our aircraft portfolio							
Aircraft type	Owned aircraft	Managed aircraft	Aircraft on order <sup>1,2</sup>	Total			
Airbus A320CEO family	114	15	0	129			
Airbus A320NEO family	52	0	84	136			
Airbus A330CEO family	12	3	0	15			
Airbus A330NEO family	2	0	6	8			
Airbus A350 family	9	0	0	9			
Boeing 737NG family	87	15	0	102			
Boeing 737 MAX family	6	0	87	93			
Boeing 777-300ER	24	4	3	31			
Boeing 777-300	0	1	0	1			
Boeing 787 family	12	1	24	37			
Freighters	5	1	0	6			
Total	323	40	204	567			

#### Since 1 January 2020, we have added 86 latest technology aircraft, of which 66 have already been placed on long-term leases

All tabulated data as at 31 March 2020 Notes:

Includes all commitments to purchase aircraft including those where an airline customer has the right to 1. acquire the relevant aircraft on delivery 2.



Excludes changes to our MAX deliveries announced on 30 June 2020

### **Orderbook Underpins Future Balance Sheet Growth**



#### Aircraft net book value grew 57% since end-2016

All data as at 31 December 2019 unless otherwise indicated



### Conclusion

- Record performance achieved in a difficult supply environment in 2019
  - NPAT increased 13% to US\$702 million, 15<sup>th</sup> year of consecutive record earnings
- 2020 is a challenging year, and we are drawing on our strengths as a Company: generating positive cashflow from operations, leveraging access to supportive funding markets and backing from the Bank of China
- Long-term revenue sustainability supported by strong liquidity
  - Committed lease revenues in excess of US\$18 billion as at 11 March 2020
  - Available liquidity of US\$3.6 billion to support counter-cyclical investment<sup>1</sup>
  - Have drawn US\$3.75 billion in new term financing
- Opportunities opening up for counter cyclical investments
  - COVID-19 will affect airline earnings and cashflows
  - This will also impact our performance
  - The change to our MAX commitments allows us to best support Boeing and our airline customers
  - We have the balance sheet power and credit ratings to enable further investment in aircraft
- Key management changes are part of our succession planning
  - Appointed Mr. Paul Kent as Chief Commercial Officer (Europe, Americas, Africa) in June 2020 to succeed Mr. Steven Townend, who will start in new role as Deputy Managing Director and Chief Financial Officer with effect from 1 October 2020

#### Successfully navigating our way through the COVID-19 environment

All data as at 31 December 2019 unless otherwise indicated Note:





# **APPENDICES**



### **The BOC Aviation Journey**



### **BOC Aviation – Who Are We?**



#### Industry leader with best in class financial performance

All data as at 31 December 2019 unless otherwise indicated Notes:

- 1. Includes owned, managed and aircraft on order
- 2. Includes all commitments to purchase aircraft including those where an airline customer has the right to acquire the relevant aircraft on delivery
- 3. As at 31 March 2020



### **Strong Financial Performance**



#### High average ROE of 15% since 2007



All data as at 31 December of relevant year unless otherwise indicated

### **Experienced Global Management Team**

	Robert Martin	Zhang Xiaolu	Phang Thim Fatt	Steven Townend	David Walton	Deng Lei	Paul Kent
	Managing Director & Chief Executive Officer	Vice-Chairman & Deputy Managing Director	Deputy Managing Director & Chief Financial Officer	Deputy Managing Director	Deputy Managing Director & Chief Operating Officer	Chief Commercial Officer (Asia Pacific & the Middle East)	Chief Commercial Officer (Europe, Americas, Africa)
	<ul> <li>32 years of banking and leasing experience</li> <li>Managing Director since July 1998</li> </ul>	29 years of banking experience In charge of Procurement and Board Secretariat departments	airline and leasing experience Involved in the establishment of the Company	<ul> <li>28 years of banking and leasing experience</li> <li>In charge of revenue activities for Europe, Americas and Africa</li> </ul>	<ul> <li>33 years of legal aviation finance and leasing experience</li> <li>In charge of all operations and related departments</li> </ul>	<ul> <li>21 years of banking experience</li> <li>In charge of revenue activities for Asia Pacific and Middle East</li> </ul>	<ul> <li>24 years of aircraft finance and leasing experience</li> <li>In charge of revenue activities for Europe, Americas and Africa</li> </ul>
Nationality		*)	<b>(</b> ;;			*	
Years with BOC Aviation	22	1	24	19	5	1	1
Years of experience	32	29	41	28	33	21	24

Highly experienced senior management team that has successfully led the Company through multiple cycles



### **Core Competencies - BOC Aviation Track Record**

#### Since inception in 1993:

Purchasing	More than 890 aircraft purchased totalling more than US\$50 billion	
Leasing	More than 990 leases executed with > 160 airlines in 57 countries and regions	
• Financing	US\$30 billion in debt raised since 1 January 2007	
Sales	More than 360 aircraft sold	
Transitions	More than 90 transitions	
<ul> <li>Repossessions<sup>1</sup></li> </ul>	46 aircraft in 14 jurisdictions	

All data as at 31 March 2020, since inception unless otherwise indicated Note:



1. Includes repossessions and consensual early returns

### **How We Invest**



# **Leasing: Customer Segmentation**

- 775 airlines in service today
- Focus on 138 airlines or only 18% of the airlines in the market minimum credit score, above 20 aircraft



Source: Ascend, as at 31 December 2019 Only commercial aircraft with 100 seats and above

## **COVID-19 Recovery: Domestic Markets<sup>1</sup> Lead the Way**



Source: IATA Economics analysis based on data provided under license by FlightRadar 24. All rights reserved.

Three key Asian markets are now within ~25% of 2019 levels



1. Source: IATA (COVID-19: Air travel reaching a turning point, 3 June 2020, Brian Pearce, Chief Economist)

Note:



www.bocaviation.com

**BOC Aviation Limited** 8 Shenton Way #18-01 Singapore 068811 Phone +65 6323 5559 Facsimile +65 6323 6962 Incorporated in the Republic of Singapore with limited liability

Company Registration No. 199307789K