







# **2021 INTERIM RESULTS REVIEW**

**AUGUST 2021** 



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# **1H 2021 OVERVIEW**



## **Another Strong Performance in a Challenging Environment**

#### Resilient core business<sup>1</sup> Robust balance sheet4 US\$1,107 million 7% US\$23.9 billion 1% Total assets Total revenues and other income 0.4% **US\$5.8** billion 13% **US\$557** million Total available liquidity Operating cash flow net of interest<sup>2</sup> US\$5.0 billion **US\$434** million 5% **Total equity** Profit before tax and impairment charges **US\$7.19 US\$344 million** Net assets per share Core lease rental contribution<sup>3</sup> Interim dividend per share **US\$254 million** Net profit after tax 30% **Unchanged** Interim dividend payout ratio **US\$0.37** US\$0.1098 Earnings per share All data as at 30 June 2021

Interim dividend per share<sup>5</sup>

All data as at 30 June 2021

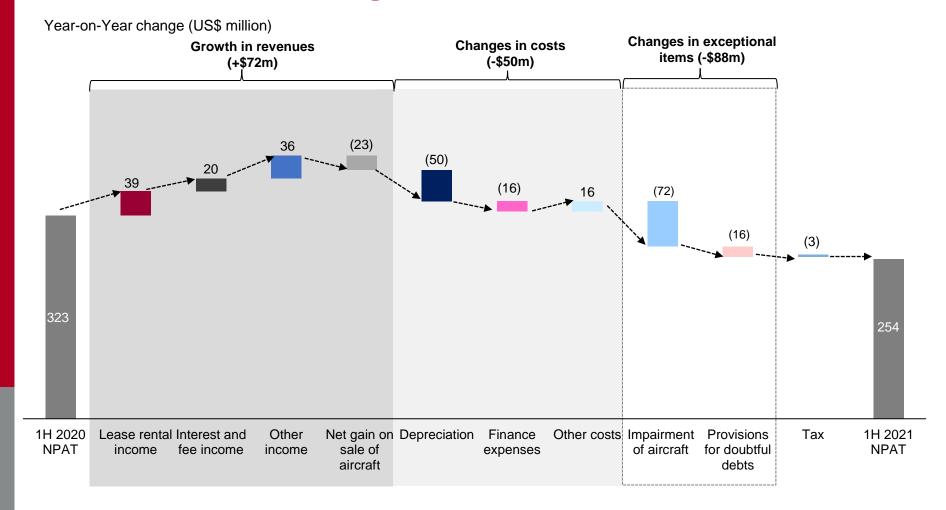
Notes:

1. Percentage changes compared to the first six months of 2020

- Calculated as net cash flow from operating activities less finance expenses paid
- Calculated as operating lease rental income and finance lease interest income less aircraft depreciation, finance
  expenses apportioned to operating lease rental income and finance lease interest income, amortisation of
  deferred debt issue costs and lease transaction closing costs.
- 4. Percentage changes compared to the year ended 31 December 2020
- . Payable to shareholders registered at the close of business on the record date, being 4 October 2021
- 6. Compared to US\$0.1398 paid for 1H 2020



## 1H 2021 NPAT Changes vs 1H 2020



## Core leasing business remains strong



## **Resilient Core Business in 1H 2021**

- Recorded more than US\$5 billion of cumulative earnings¹
- Celebrated our 5<sup>th</sup> year as a listed company
  - Annual General Meeting was chaired by new Chairman, Mr. Chen Huaiyu
  - We welcomed three new directors: Mr. Chen Huaiyu, Mr. Wang Xiao and Mdm. Wei Hanguang
- Profitability has improved since the second half of 2020
  - US\$254 million in 1H 2021 vs US\$187 million in 2H 2020
- Executed 72 transactions
  - Took delivery of 34 aircraft<sup>2</sup>
    - 18 via purchase-and-leaseback, 16 from aircraft manufacturers
  - Sold nine owned and three managed aircraft
  - Signed 26 lease commitments
- Ended 30 June 2021 with total fleet of 536
  - Comprised 377 owned, 37 managed and 122 on order
  - Average fleet age of 3.7 years<sup>3</sup>
  - Average remaining lease term of 8.1 years<sup>3</sup>
  - Committed to purchase eight Airbus A320NEO aircraft via the PLB market
- Improving asset quality
  - Diversified global customer base of 87 airlines in 38 countries and regions
  - 100% latest technology aircraft deliveries

## Strong core business performance in a difficult environment

All data as at 30 June 2021

#### Notes

1. Since the Company's inception in 1993

2. Including six aircraft acquired by airline customers on delivery

3. Weighted by net book value of owned fleet including aircraft on leases classified as finance leases



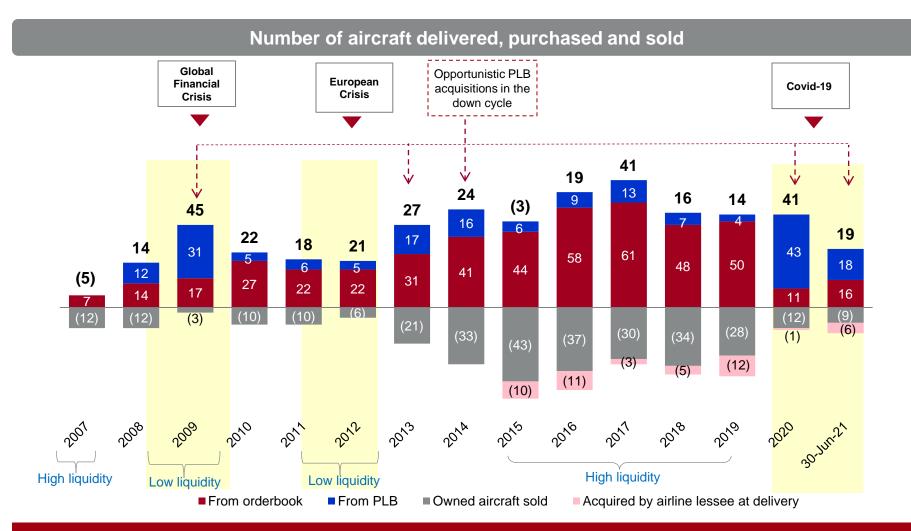
## **Strong Liquidity**

- Raising debt funding is a core competency of our company
  - Raised over US\$36 billion since January 2007
  - The largest Singapore based corporate issuer of USD bonds in aggregate since September 2012
  - Raised US\$1.5 billion of bonds and US\$500 million of bank loans in 1H 2021
  - 1H 2021 average cost of debt improved to 2.9%
- Total available liquidity of US\$5.8 billion positions us well for investment opportunities
  - US\$5.4 billion unutilised credit facilities and US\$0.4 billion of cash
- Maintaining strong credit ratings
  - A- credit ratings from S&P Global and Fitch Ratings
  - Outlook upgraded to stable by S&P Global; maintained at stable by Fitch Ratings

Continued to access competitively priced sources of liquidity



## **How We Invest**

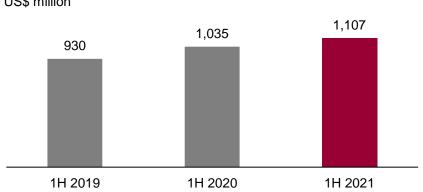


## Investing in aircraft through multiple cycles

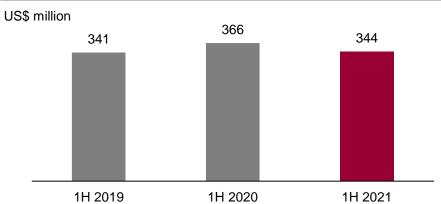


## Resilient Performance in a Difficult Market

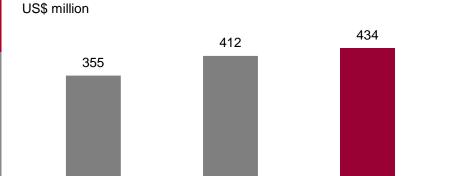
# Fleet growth underpins growth in revenues US\$ million





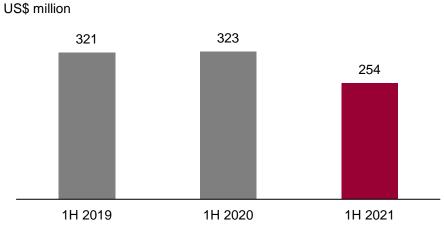


# Improving profit before tax and impairment charges<sup>1</sup>



1H 2020

### **Resilient NPAT performance**



All data as at 30 June 2021 Notes:

1H 2019

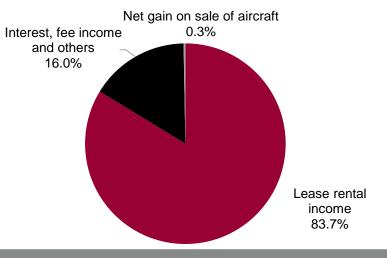
- 1. Impairment charges comprise impairment of aircraft and financial assets
- Calculated as operating lease rental income and finance lease interest income less aircraft
  depreciation, finance expenses apportioned to operating lease rental income and finance lease
  interest income, amortisation of deferred debt issue costs and lease transaction closing costs

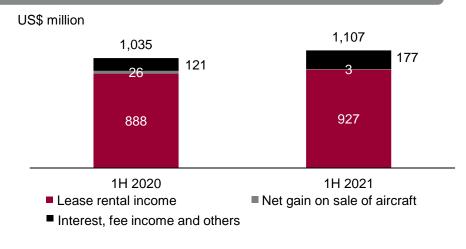
1H 2021



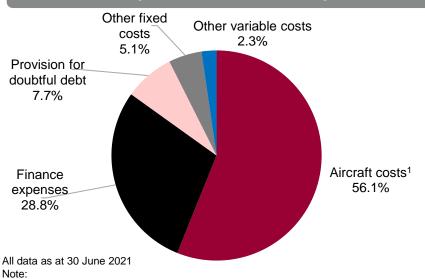
## Lease Rental Income Continues to Dominate Revenue

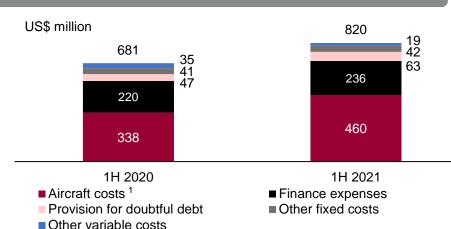
#### Lease rental income consistently over 80% of total revenues and other income





### Depreciation of aircraft plus financing costs make up over 80% of total costs



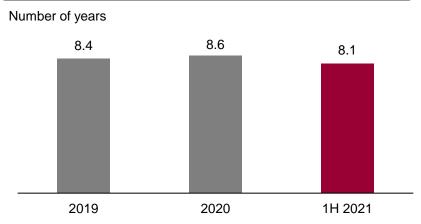


1. Comprises aircraft depreciation and impairment

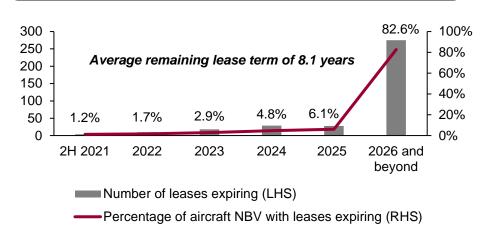
**BOC AVIATION** 

## Long Term Leases Enhance Revenue Visibility

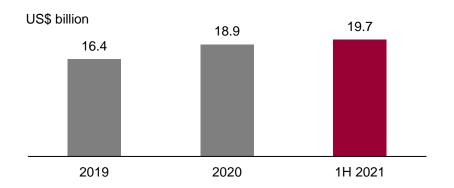




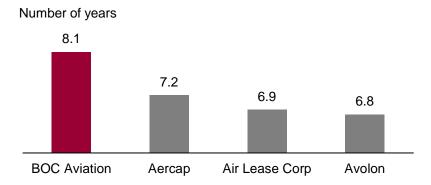
### Well-dispersed lease expiries<sup>2</sup>



### and high future committed lease revenue



## Industry-leading average remaining lease term<sup>3</sup>

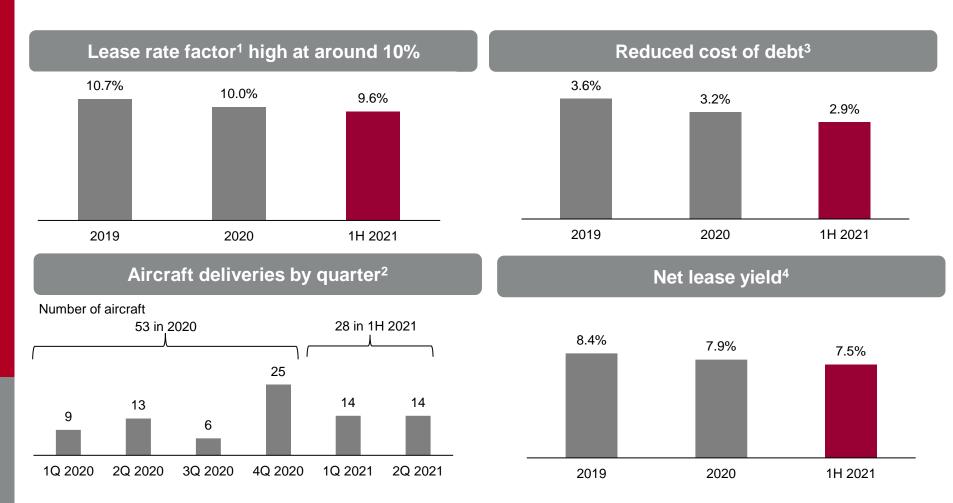


All data as at 30 June 2021 Notes:

- 1. Weighted by net book value of owned fleet including aircraft on leases classified as finance leases
- Owned aircraft with lease expiring in each calendar year, weighted by net book value, excluding any aircraft for which BOC Aviation has sale or lease commitments as well as aircraft off lease
- 3. Weighted by net book value of owned fleet as at 30 June 2021



## **Margins Impacted by Covid-19**



All data as at 30 June 2021

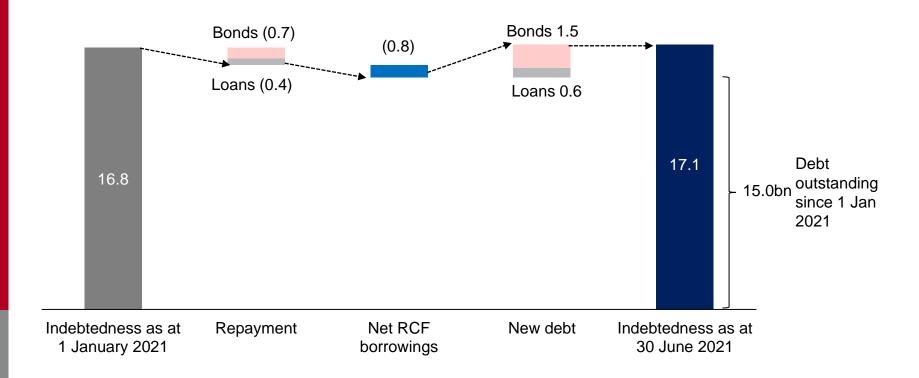
#### Notes:

- 1. Calculated as operating lease rental income divided by average net book value of aircraft (including aircraft held for sale) and multiplied by 100%. Lease rate factor for 1H 2021 is calculated on an annualised basis
- Excluding aircraft acquired by airline customers on delivery
- Calculated as the sum of finance expenses and capitalized interest, divided by average total indebtedness. Total indebtedness represents loans and borrowings before adjustments for deferred debt issue costs, fair values, revaluations and discounts/premiums to medium term notes
- Calculated as operating lease rental income less finance expenses apportioned to operating lease rental income, divided by average of aircraft net book value (including aircraft held for sale). Net lease yield for 1H 2021 is calculated on an annualised basis



## **Stable Debt Structure**

US\$ billion

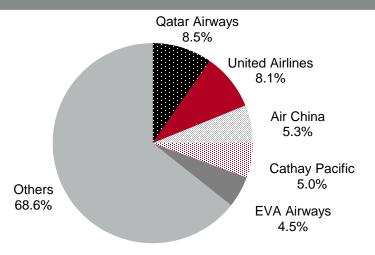


89% of debt unchanged from 1 January 2021 and debt to equity of 3.4:1

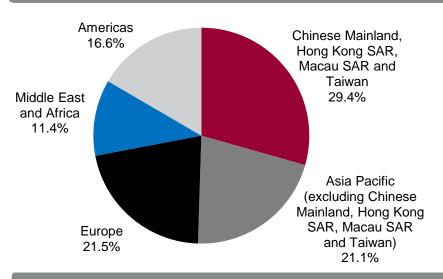


## **Globally Diversified Lease Portfolio**

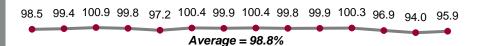
#### Lease portfolio diversified by customer<sup>1,2</sup>



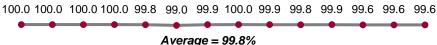
#### ...and increasingly diversified by geography<sup>1,3</sup>



#### Collection rate (%)



#### Fleet utilization (%)4





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All data as at 30 June 2021

#### Notes:

- Based on net book value including aircraft subject to finance leases and excluding aircraft off lease as at 30 June 2021
- For certain airlines, the percentage includes leases to affiliated airlines whose obligations are guaranteed by the named airline
- 3. Based on the jurisdiction of the primary obligor under the relevant operating lease
- 4. Fleet utilization is the total days on-lease in the period as a percentage of total available lease days in the period



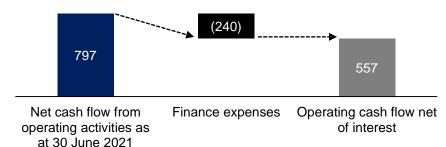
## **Robust Operating Cash Flow Net of Interest**

#### Operating cash flow net of interest<sup>1</sup>

- Stable compared with 1H 2020 despite a challenging environment
- The incremental committed investment in 85 purchase-and-leasebacks in 2020 and 1H 2021, of which 39 had delivered by end-2020 and another 17 by end-June 2021, will further enhance cash flow
- A further 29 PLB aircraft will be delivered before 2023

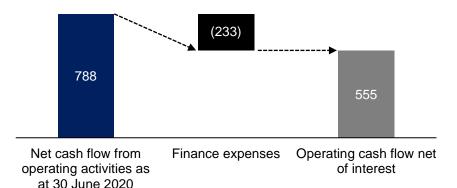
# Operating cash flow net of interest <sup>1</sup> for the period ended 30 June 2021

US\$ million



## Operating cash flow net of interest <sup>1</sup> for the period ended 30 June 2020

**US\$** million



## Operating cash flow net of interest remains high

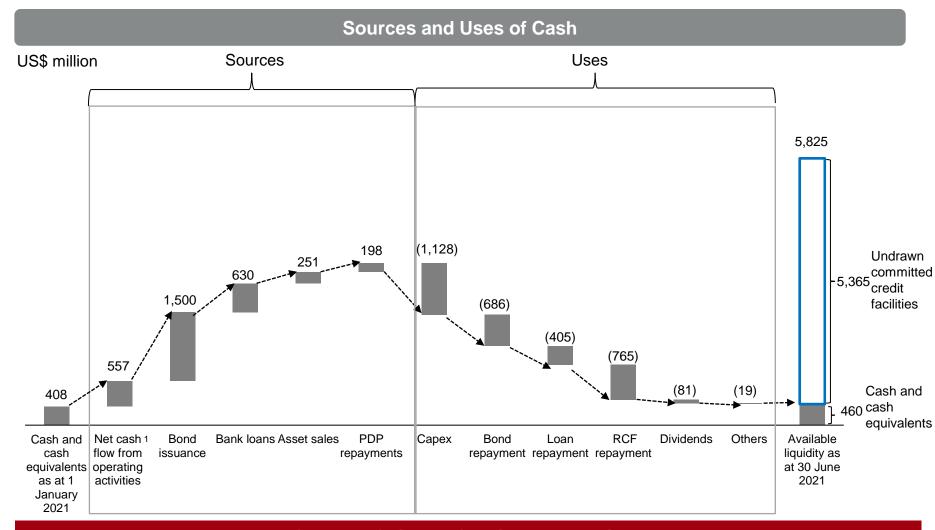
All data as at 30 June 2021

Note:

Calculated as net cash flow from operating activities less finance expenses paid



## **Diverse Funding Channels Utilised in 1H 2021**



Proactive use of diverse funding sources in 1H 2021

All data as at 30 June 2021

Note:

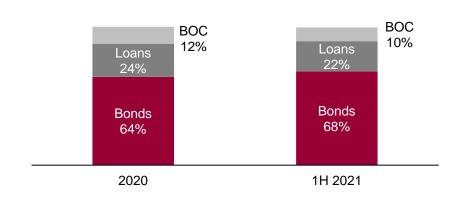
1. Calculated as net cash flow from operating activities less finance expenses paid

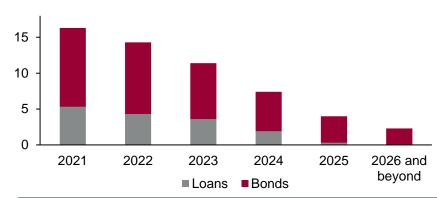


## Flexible Capital Structure and Ample Backstop Liquidity





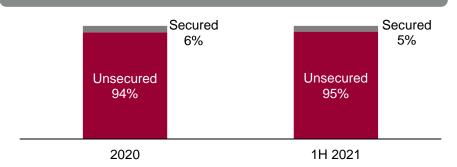


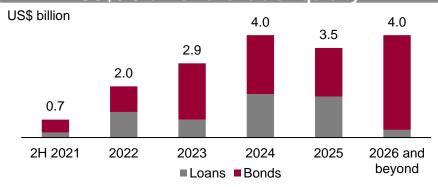


Outstanding debt amortises over a long term

## Focus on unsecured funding

# Near term debt maturities well covered by US\$5.8 billion available liquidity





Total available liquidity of US\$5.8 billion; liability management is a key strength

All data as at 30 June 2021 unless otherwise indicated Note:

1. Drawn debt only



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

#### Our aircraft portfolio

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Aircraft type	Owned aircraft	Managed aircraft		Total
Airbus A320CEO family	108	15	0	123
Airbus A320NEO family	79	0	51	130
Airbus A330CEO family	12	1	0	13
Airbus A330NEO family	4	0	2	6
Airbus A350 family	9	0	0	9
Boeing 737NG family	75	14	0	89
Boeing 737 MAX family	40	0	45	85
Boeing 777-300ER	24	4	3	31
Boeing 777-300	0	1	0	1
Boeing 787 family	21	1	21	43
Freighters	5	1	0	6
Total	377	37	122	536

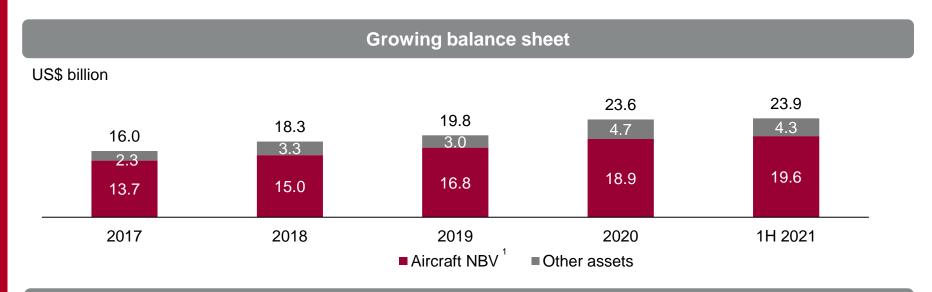
## 100% of orderbook comprises latest technology aircraft

All data as at 30 June 2021 Note:

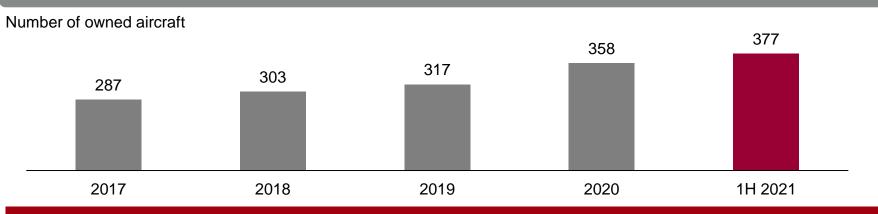
1. Includes all commitments to purchase aircraft including those where an airline customer has the right to acquire the relevant aircraft on delivery



## **Steadily Growing Balance Sheet and Aircraft Fleet**



## Disciplined increase in fleet size



Aircraft assets of US\$20 billion provide platform for future earnings

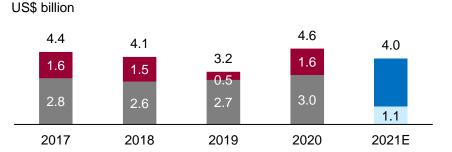
All data as at the end of the relevant period. Note:



Excludes aircraft on leases classified as finance leases

## **New Investments Drive Growing Committed Lease Revenues**

#### Average annual capital expenditure in excess of **US\$4** billion since IPO



- Committed capex at beginning ofAdditional capex during the year the year
- Capex during 1H 2021

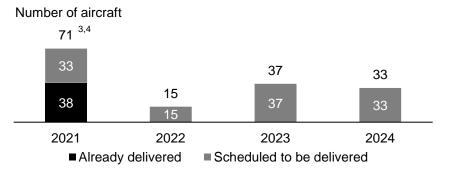
- Expected 2H 2021 Capex

#### High committed future lease revenues of US\$20 billion

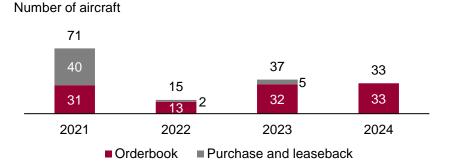


#### Future committed revenues

## Orderbook delivery schedule<sup>1,2</sup> as at 19 August



### Orderbook by direct orders vs PLBs as at 19 August 2021



#### Healthy pipeline of future lease revenues

All data as at 30 June 2021 unless otherwise indicated

- Includes all commitments to purchase aircraft including those where an airline customer has the right to acquire the relevant aircraft on delivery
- Based on expected delivery dates 2.
- Includes 38 aircraft delivered 19 August 2021 YTD
- Includes 11 commitments where airline customers have the right to acquire the relevant aircraft on delivery, of which six were exercised in 1H 2021



## Conclusion

- Respectable first half performance achieved in a challenging environment
  - Record high first half revenues and other income of US\$1.1 billion
  - Operating cash flow net of interest paid of US\$557 million stable compared with 1H 2020
  - Net profit after tax of US\$254 million
  - Maintained the same interim dividend pay-out ratio as in previous years
- Continue to focus on sustainable long-term earnings
  - Committed future lease revenues of US\$20 billion
  - Orderbook of 122<sup>1</sup> aircraft provides future balance sheet growth
  - Record high total liquidity of US\$5.8 billion to support aircraft investments

## Celebrated 5<sup>th</sup> year since IPO with more than US\$5 billion in cumulative earnings

All data as at 30 June 2021 unless otherwise indicated Note:

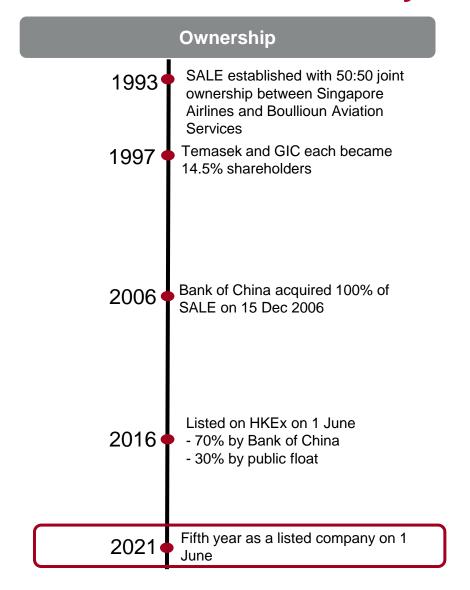


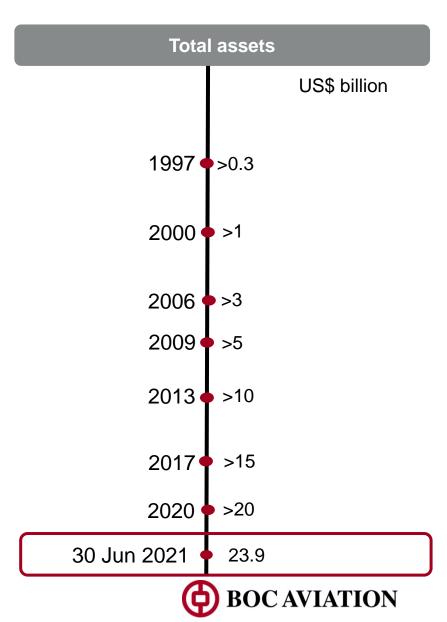
Includes all commitments to purchase aircraft including those where an airline customer has the right to acquire
the relevant aircraft on delivery

# **APPENDICES**



## The BOC Aviation Journey





All data as at the end of the relevant period

## **BOC Aviation – Who Are We?**

# Top 5 global aircraft operating lessor

- The largest based in Asia, by value of owned fleet
- Bank of China owns 70%
- Listed on the HKEX

# Total assets of US\$23.9bn

- Aircraft net book value of US\$19.6bn¹
- 414 owned and managed aircraft
- 122 aircraft on order<sup>2</sup>

# 27<sup>th</sup> year of profitability

- Consistently profitable since inception
- US\$5.1bn in cumulative profits since inception

# Industry leading performance

- Average ROE of c.15% since 2007
- Investment grade credit ratings of A- from S&P and Fitch

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

All data as at 30 June 2021 unless otherwise indicated Notes:

- 1. Excludes aircraft on leases classified as finance leases
- Includes all commitments to purchase aircraft including those where an airline customer has the right to acquire the relevant aircraft on delivery



## **Globally Diverse Management Team**







Zhang Xiaolu
Vice-Chairman &
Deputy Managing
Director



Steven Townend

Deputy Managing

Director & Chief

Financial Officer



David Walton

Deputy Managing

Director & Chief

Operating Officer



Deng Lei
Chief Commercial
Officer (Asia Pacific
& the Middle East)



Paul Kent Chief Commercial Officer (Europe, Americas, Africa)

- 33 years of banking and leasing experience
- Managing Director since July 1998
- 31 years of banking experience In charge of Risk Management,
  - Management,
    Market Research,
    Board Secretariat
    and Corporate
    Affairs
    departments
- 30 years of banking and leasing experience In charge of Finance, Treasury, Tax, Investor Relations
- 35 years of legal, aviation finance and leasing experience In charge of
- In charge of
  Procurement, all
  operations and
  related
  departments
- 23 years of banking experience In charge of
- revenue activities •
  for Asia Pacific
  and Middle East
- 25 years of aircraft finance and leasing experience In charge of revenue activities for Europe, Americas and Africa

Nationality		*)			*1	
Years of experience	33	31	30	35	23	25

and Settlement

Highly experienced senior management team



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

#### Since inception in 1993:

obb all clark purchased totalling approximately object billion	•	Purchasing	90 aircraft purchased totalling approximately US\$51 bill	lion
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Leasing
 More than 1,080 leases executed with > 160 airlines in 57 countries and regions

Financing
 More than US\$36 billion in debt raised since 1 January 2007

Sales More than 380 aircraft sold

Transitions
 More than 90 transitions

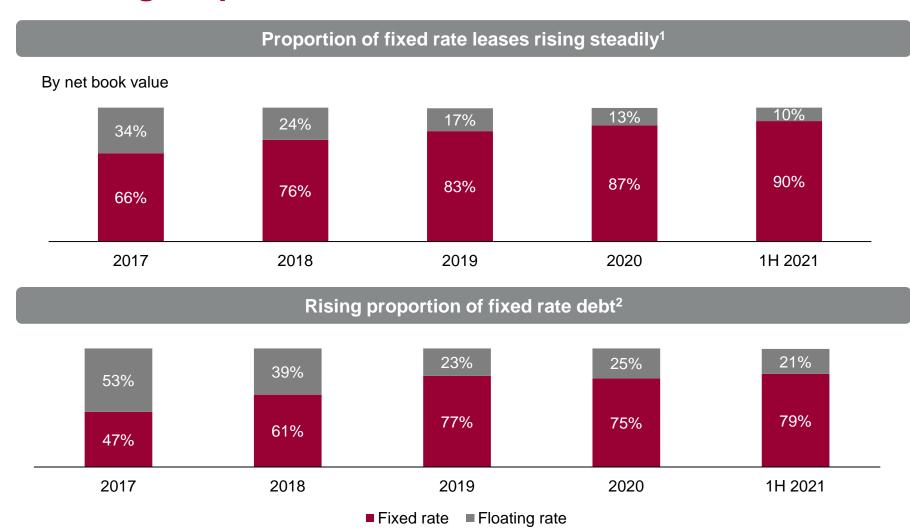
• Repossessions<sup>1</sup> 57 aircraft in 17 jurisdictions

All data as at 30 June 2021, since inception unless otherwise indicated Note:



Includes repossessions and consensual early returns

## **Increasing Proportion of Fixed Rate Leases and Debt**



All data as at 30 June 2021

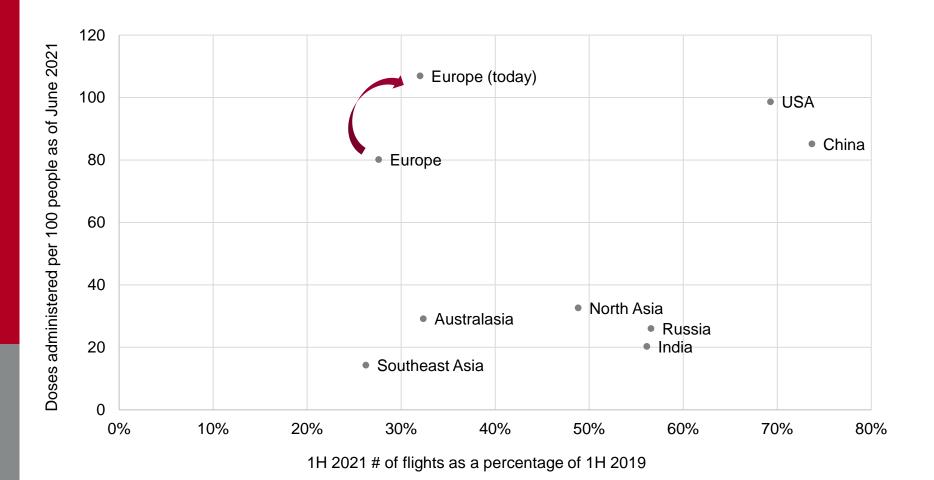
Notes:

2. Fixed rate debt included floating rate debt swapped to fixed rate liabilities



By net book value including aircraft subject to finance lease and aircraft held for sale, and excluding aircraft off lease

## **Inoculation Rates Drive Recovery in Airline Schedules**

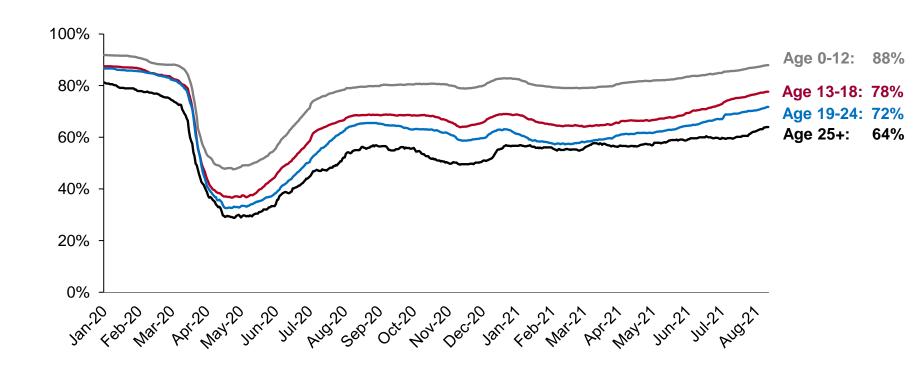


Capacity in USA and China are nearly back to pre-Covid levels



## Rising Utilisation Rates for Younger Narrowbody Aircraft

1st Jan 2020 - 11th Aug 2021



Domestic and short haul recovery drives demand for narrowbody aircraft





www.bocaviation.com