







BOC Aviation 1Q 2022 Review

27 APRIL 2022



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1Q 2022 and Recent Developments



- 530 aircraft owned, managed and on order¹
- 4.1 years² average fleet age; 8.2 years² average remaining lease term
- 96.7% aircraft utilization rate



- US\$6 billion of available liquidity
- More than covers 2022 target capex and maturing liabilities
- Well positioned to support future investment



- Seven aircraft deliveries
- · 22 lease commitments signed
- Committed to acquire 13 new aircraft, including 11 Boeing 737 MAX 8 aircraft for lease to Lynx Air



- A- by S&P Global Ratings
- A- by Fitch Ratings



- Announced the purchase of 80 new Airbus A320NEO family aircraft, scheduled for delivery between 2027 and 2029
- Largest aircraft order in the Company's history



EXPERIENCED
MANAGEMENT AND
OWNERSHIP

- Experienced management team successfully managed through multiple cycles
- Bank of China provides ongoing support

A strong start to the year with new aircraft purchase commitments for future growth



How We Invest



Investing in aircraft through multiple cycles



Popular and Fuel-Efficient Fleet

Our aircraft portfolio

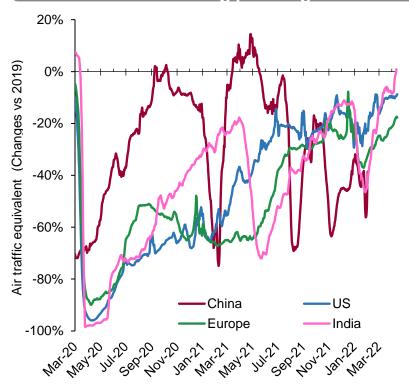
Aircraft type	Owned aircraft	Managed aircraft	Aircraft on order ¹	Total
Airbus A320CEO family	102	15	0	117
Airbus A320NEO family	92	0	33	125
Airbus A330CEO family	10	1	0	11
Airbus A330NEO family	6	0	0	6
Airbus A350 family	9	0	0	9
Boeing 737NG family	72	14	0	86
Boeing 737 MAX family	40	0	55	95
Boeing 777-300ER	26	4	1	31
Boeing 777-300	0	1	0	1
Boeing 787 family	21	1	21	43
Freighters	5	1	0	6
Total	383	37	110	530

100% of orderbook comprises latest technology aircraft

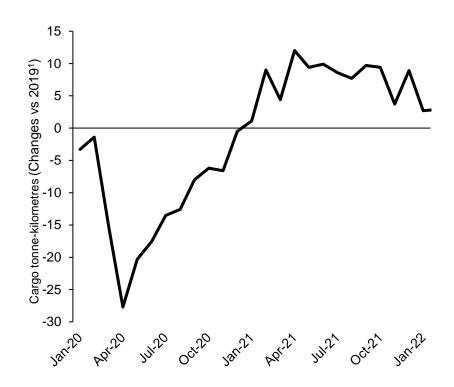


Air Traffic Recovery

Countries with significant domestic markets demonstrate rising passenger demand



Strong global air cargo performance

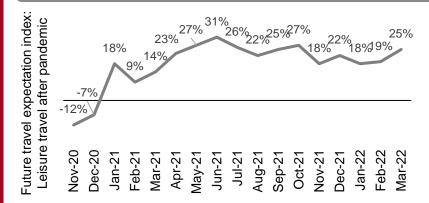


Recovery in large domestic markets following a resurgent cargo market

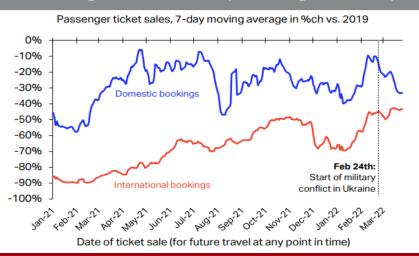


Forward Bookings Drive Recovery in Aircraft Utilisation

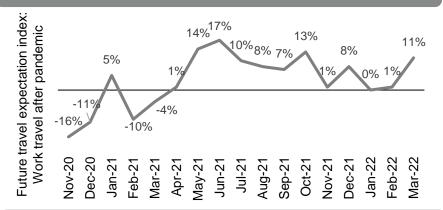
US leisure demand trajectory robust



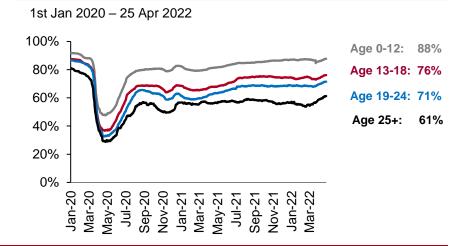
Passenger ticket sales (% change vs 2019)



...with business travel beginning to accelerate



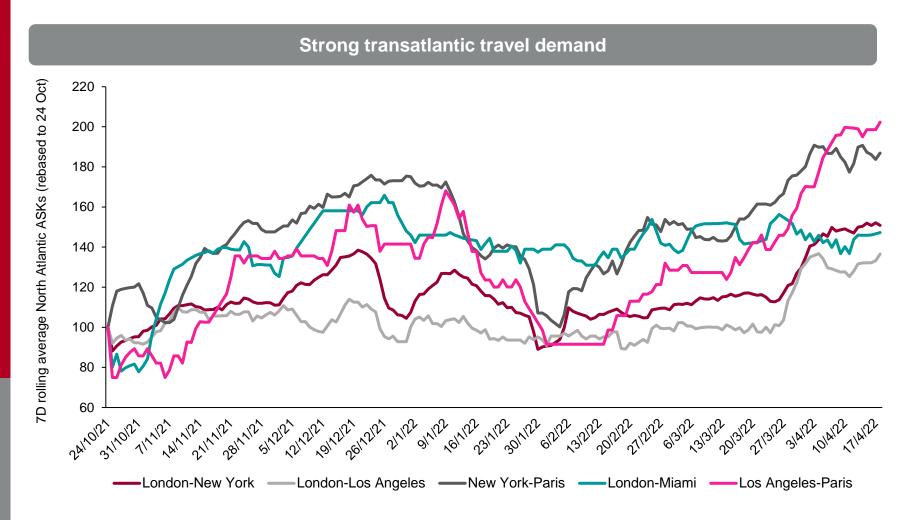
Rising utilisation rates



Domestic and short haul recovery drives demand for narrowbody aircraft



Return of International Air Travel



Improving trans-Atlantic traffic as border controls removed and Omicron impact fades



China Passengers Delay Regional Air Traffic Recovery

Impact of China on ASEAN tourist arrivals

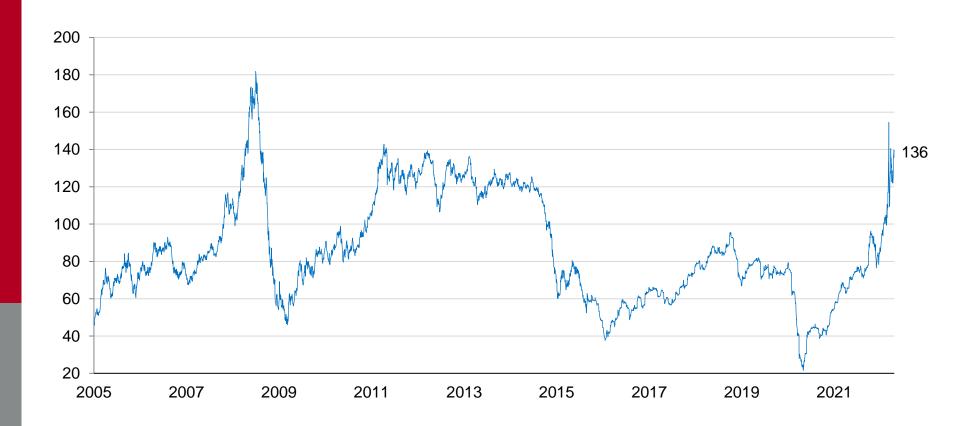
Number of passengers from China				
Country	2019	2021	Change	
Indonesia	3,343,184	46,296	-99%	
Thailand	18,849,446	100,109	-99%	
Laos	564,035	37,672	-93%	
Cambodia	4,062,050	75,864	-98%	
Vietnam	4,879,386	24,558	-99%	
Malaysia	6,131,479	43,368	-99%	
Philippines	3,226,629	19,837	-99%	
Total	41,056,209	347,704	-99%	

Potential for substantial improvement once China reopens its borders



Rising Jet Fuel Prices

Jet fuel price, US\$/barrel

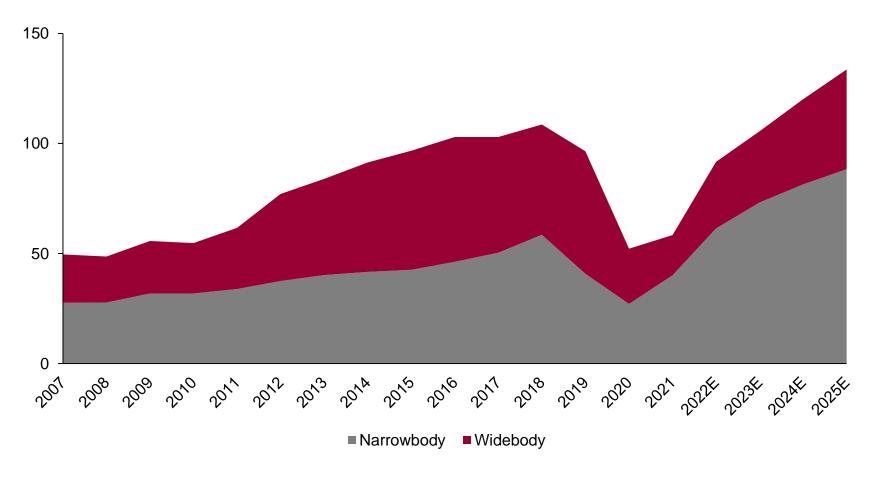


Fuel prices remain high and volatile



Airlines' Capital Investments Are Projected to Exceed US\$120 Billion by 2024

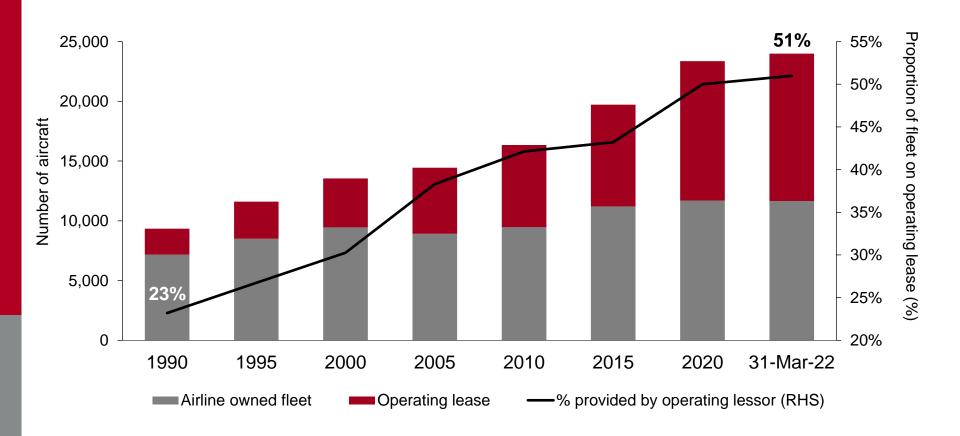
Annual airline capex - US\$ billion





Lessors Own 51% of the Aircraft Market Today

Proportion of fleet on operating lease



Lessors own 51% of the aircraft market today; this proportion has potential to increase



Looking Ahead

- Improving airline traffic visible globally
 - Resurgence in passenger numbers in large domestic markets already clear
 - Long-haul markets recovering as new travel lanes are opened
 - Omicron impact has fallen away in EU and US markets; Asia is poised to follow suit as more markets open up
 - Russian airspace closure having limited effect on overall travel demand
- Higher interest rates and fuel prices provide financing opportunities for well-capitalised operating lessors
- China re-opening will drive upside for Southeast Asia: travel volumes already recovering and this before the 41 million Chinese that travelled to the region in 2019
- A global aircraft operating lessor committed for the long-term
 - Robust delivery numbers in 2021
 - Orderbook and available liquidity position us well to capture airline demand upturn
 - New orders refresh delivery pipeline
 - Earnings resilience, with 28 years of unbroken profitability across multiple industry cycles



APPENDICES



Russian Exposure Snapshot as at 31 March 2022

Net exposure of aircraft leased to Russian airlines

US\$589 million

17 owned aircraft with 4 airlines

2.5% of total assets as at 31 March 2022

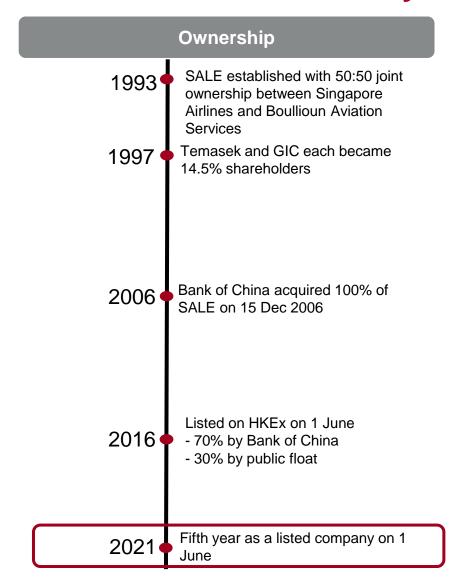
10% of \$6bn available liquidity as at end-2021

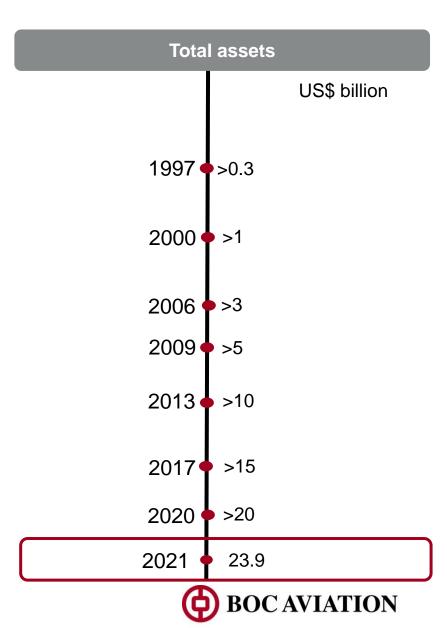
<12% of \$5.3bn of equity as at end-2021

Manageable exposure for the Company



The BOC Aviation Journey





All data as at the end of the relevant period

BOC Aviation – Who Are We?

Bank of China

70% owned by BOC

Listed on HKEX

HKEX code: 2588

530

Aircraft in fleet1

28

Years of unbroken profitability

Top 5

Global aircraft operating lessor

US\$23.9 billion

Total assets

Investment grade credit ratings from S&P and Fitch

4.1 years; 8.2 years

Average fleet age & lease term remaining²

US\$5.5 billion

Cumulative profits since inception

15%

Average ROE since 2007

Industry leader with best-in-class financial performance



Globally Diverse Management Team













Robert Martin

Managing Director &
Chief Executive
Officer

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)

- 34 years of banking and leasing experience
- Managing Director and Board Director since July 1998
- 31 years of banking experience In charge of Risk Management, Market Research, Board Secretariat and Corporate Affairs departments
- 30 years of banking and leasing experience In charge of Finance,
- In charge of Finance, Treasury, Tax, Investor Relations and Settlement
- 35 years of legal, aviation finance and leasing experience •
- 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













Highly experienced senior management team



Core Competencies - BOC Aviation Track Record

Since inception in 1993:

•	Purchasing	More than 900 aircraft purchased totalling more than US\$51 billion
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Leasing
 More than 1,150 leases executed with more than 170 airlines in 57 countries and

regions

• Financing¹ More than US\$37 billion in debt raised since 1 January 2007

Sales More than 390 aircraft sold

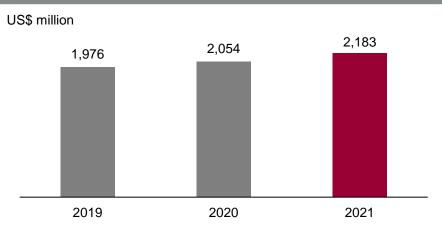
Transitions 109 transitions

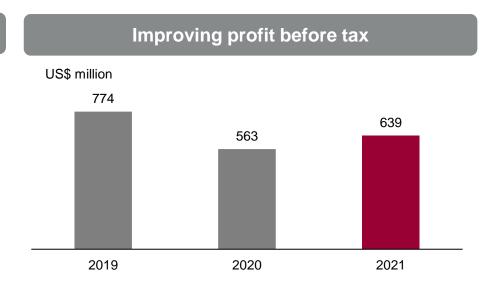
Repossessions² 65 aircraft in 19 jurisdictions



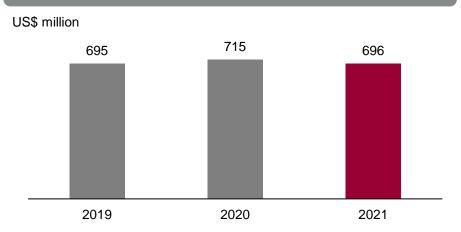
Resilient Performance in a Difficult Market

Fleet growth underpins growth in revenues

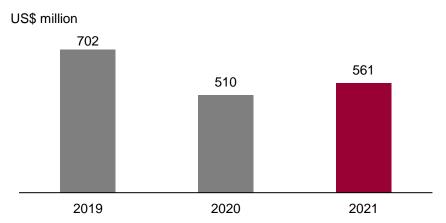




Consistently high core lease rental contribution¹



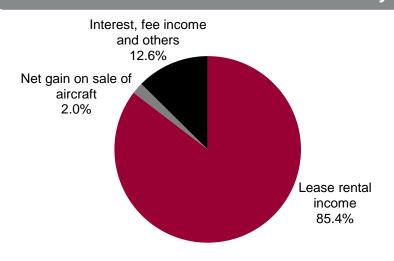
Increasing net profit after tax

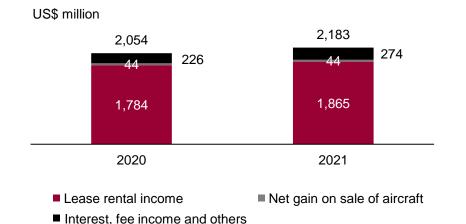




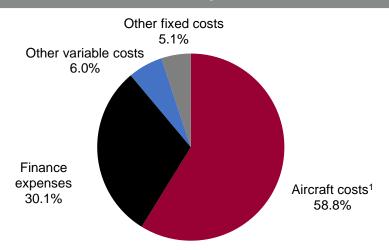
Lease Rental Income Continues to Dominate Revenue

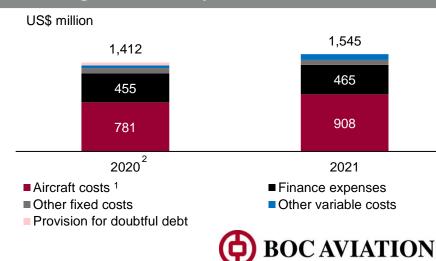
Lease rental income consistently over 85% of total revenues and other income





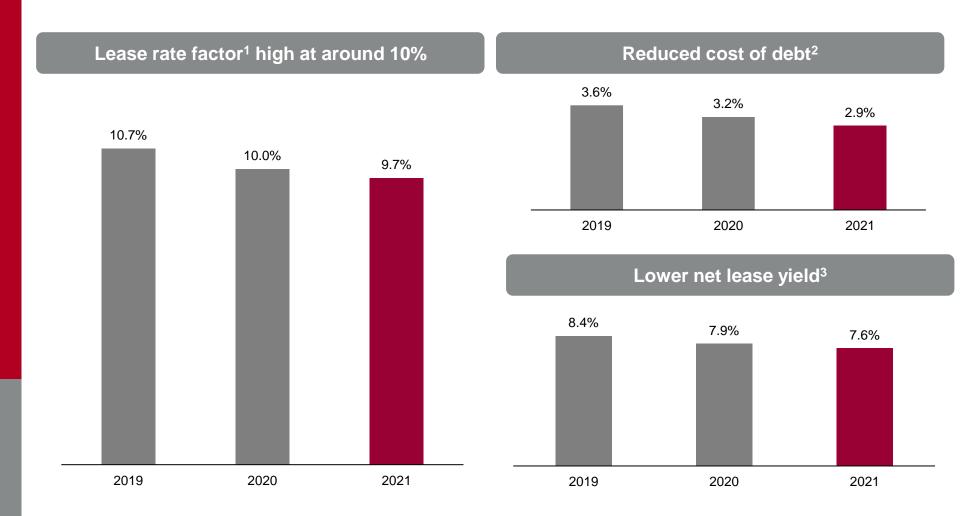
Depreciation of aircraft and financing costs are key costs





All data as at 31 December 2021 See Appendices - Endnotes

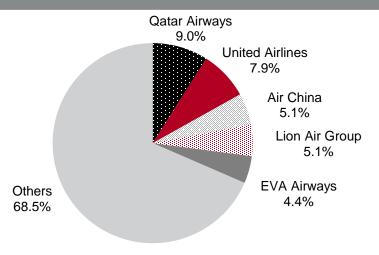
Lease Yields Reflect Market Environment



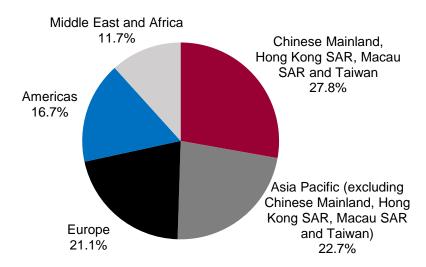


Globally Diversified Portfolio

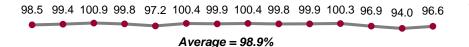
Lease portfolio diversified by customer^{1,2}



...and increasingly diversified by geography^{1,3}



Collection rate (%)



Fleet utilization (%)4

100.0 100.0 100.0100.0 99.8 99.0 99.9 100.0 99.9 99.8 99.9 99.6 99.6 98.5 96.7

Average = 99.5%

2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021

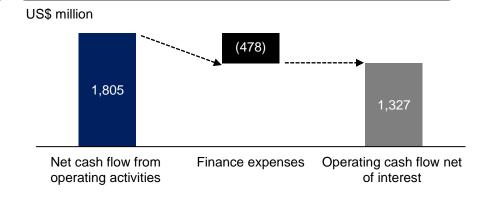


Operating Cash Flow Net of Interest

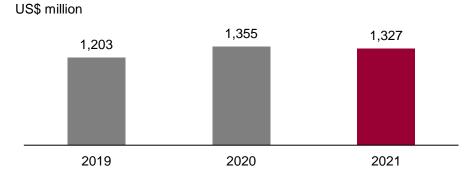
Operating cash flow net of interest¹

- Operating cash flow in excess of US\$1.3 billion; matching 2020 despite a challenging environment
- Strong collection efforts in 2022 will further enhance cash flow
- Expecting 36 aircraft to be delivered in 2022²

Operating cash flow net of interest¹ for FY2021



Consistently high operating cash flow net of interest¹



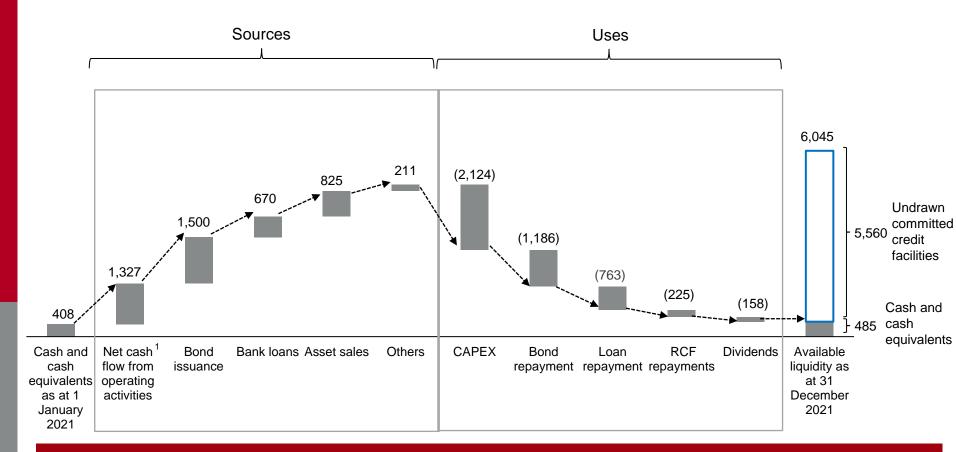
Operating cash flow net of interest continues to be stable in 2021



Diverse Funding Channels Utilised in 2021

Sources and Uses of Cash

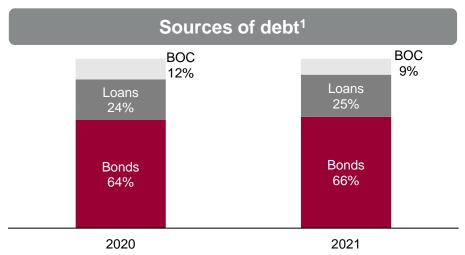
US\$ million

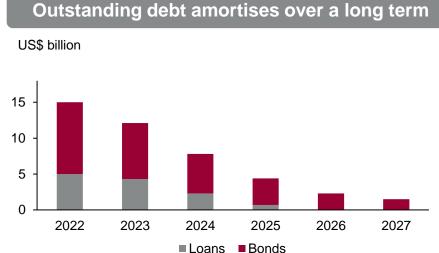


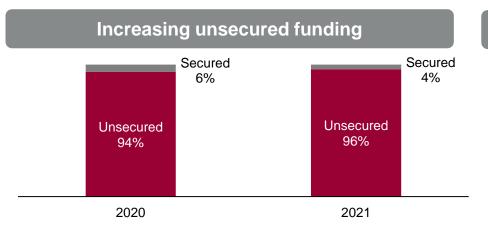
US\$6 billion of committed available liquidity

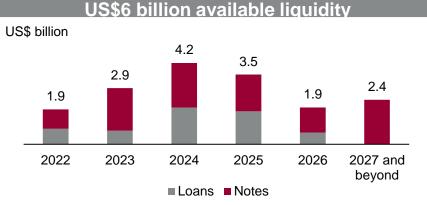


Flexible Capital Structure and Ample Backstop Liquidity









Near term debt maturities well covered by

Liability management is a key strength

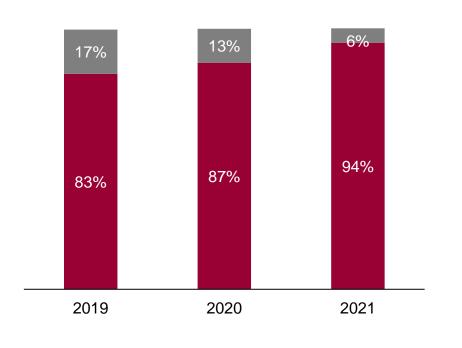


High Proportion of Fixed Rate Leases and Debt

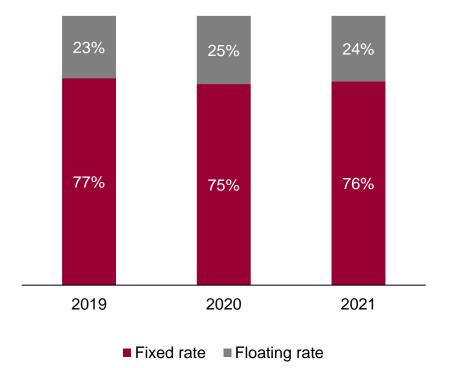
Proportion of fixed rate leases rising steadily¹

Stable proportion of fixed rate debt²

By net book value



■ Floating rate





■ Fixed rate

2021 ESG Highlights

Environmental Social Governance **Three** female Board of 100% carbon neutral for More than US\$50,000 in Directors out of 11 donations direct emissions Three nationalities on the **Direct GHG emissions 1,400** volunteer hours in local communities **Board** reduction ahead of target More than 2,900 training **Cybersecurity 2.0** upgrades **100%** latest technology hours aircraft in the orderbook **Nil** regulatory breaches or Eight employee surveys Two-thirds of our owned legal cases fleet is latest technology 34 Company-wide townhalls aircraft 100% completion of compliance training 3.9 years average fleet age 20 nationalities across five offices Piloted our grassroots employee ESG pledge



Endnotes (1)

- SLIDE 3: 1Q 2022 and Recent Developments
 - 1. Includes all commitments to purchase aircraft including those where an airline customer has the right to acquire the relevant aircraft on delivery
 - 2. Weighted by net book value of owned fleet as at 31 March 2022
- SLIDE 5: Popular and Fuel-Efficient Fleet
 - 1. Includes all commitments to purchase aircraft including those where an airline customer has the right to acquire the relevant aircraft on delivery
- SLIDE 6: Air Traffic Recovery Sources: China MoT (Air Pax YoY) TravelSky (Traffic), TSA (Throughput), Eurocontrol (Flights), AWN ADS-B (Flights), IATA
 - 1. Changes compared to 2021 with effect from January 2022
- SLIDE 7: Forward Bookings Drive Recovery in Aircraft Utilisation Sources: IATA Air Passenger Market Analysis February 2022, Cirium fleet data, Cowen and Company lodging and loyalty tracker
- SLIDE 8: Return of International Air Travel Sources: ADS-B database updated as of 18 April 2022
- SLIDE 9: China Passengers Delay Regional Air Traffic Recovery Sources: BOC Aviation analysis
- SLIDE 10: Rising Jet Fuel Prices Sources: Bloomberg, 21 April 2022
- SLIDE 11: Airlines' Capital Investments Are Projected to Exceed US\$120 Billion by 2024- Source: BOC Aviation Analysis
- SLIDE 12: Lessors Own 51% of the Aircraft Market Today Sources: Ascend, as at 31 March 2022, based on aircraft of 100+ seats. Fleet data for 2020 onwards includes aircraft in-service and aircraft additionally parked from end-2019 due to Covid-19 fleet grounding.



Endnotes (2)

- SLIDE 17: BOC Aviation Who Are We?
 - 1. Includes owned, managed and aircraft on order as at 31 March 2022
 - 2. Weighted by net book value of owned fleet as at 31 March 2022
- SLIDE 19: Core Competencies BOC Aviation Track Record
 - 1. As at 31 December 2021
 - 2. Includes repossessions and consensual early returns
- SLIDE 20: Resilient Performance in a Difficult Market
 - 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
- SLIDE 21: Lease Rental Income Continues to Dominate Revenue
 - 1. Comprises aircraft depreciation and impairment
 - 2. Excludes loss on investment in equity instruments
- SLIDE 22: Lease Yields Reflect Market Environment
 - 1. Calculated as operating lease rental income divided by average net book value of aircraft and multiplied by 100%
 - 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
 - 3. 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).



Endnotes (3)

SLIDE 23: Globally Diversified Lease Portfolio

- Based on net book value including aircraft subject to finance leases and excluding aircraft off lease as at 31 December 2021
- 2. 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

SLIDE 24: Operating Cash Flow Net of Interest

- 1. Calculated as net cash flows from operating activities less finance expenses paid
- 2. Including two delivered in March 2022 YTD

SLIDE 25: Diverse Funding Channels Utilised in 2021

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

SLIDE 26: Flexible Capital Structure and Ample Backstop Liqui

1. Drawn debt only

SLIDE 27: High Proportion of Fixed Rate Leases and Debt

- 1. By net book value including aircraft subject to finance lease and aircraft held for sale, and excluding aircraft off lease
- 2. Fixed rate debt included floating rate debt swapped to fixed rate liabilities





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