

# HSBC Global Investment Summit 

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## 2023: A Year of Record Performance



## Strong Improvement in Net Profit After Tax



Record performance driven by growth in underlying business and success in Russia-related recoveries

## Robust Balance Sheet and Liquidity

| Key Indicators | 31 December 2023 | 31 December 2022 | Variance |
| :---: | :---: | :---: | :---: |
| Total assets (US\$ billion) | 24.2 | 22.1 | $10 \%$ |
| Total available liquidity (US\$ billion) | 5.6 | 5.3 | 6\% |
| Total equity (US\$ billion) | 5.7 | 5.2 | 11\% |
| Net assets per share (US\$) | 8.28 | 7.50 | 11\% |
| Gross debt to equity (times) | 2.9 | 2.9 | Stab |

## Highest Dividend Since IPO

US\$


Total dividend per share of US\$0.3852 in 2023; annual payout ratio consistent at 35\% of NPAT

## Continued Improvement in Key Metrics



## Improving Operating Lease Yields


2. Calculated as the sum of finance expenses and capitalised 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 aircraft net book value

## How We Invest

Number of aircraft delivered, purchased and sold


2023 saw largest fleet growth in our history

## 100\% of Orderbook Comprises Latest Technology Aircraft

Our aircraft portfolio

| Aircraft type | Owned aircraft | Managed aircraft | Aircraft on order | Total |
| :---: | :---: | :---: | :---: | :---: |
| Airbus A220 family | 18 | 0 | 0 | 18 |
| Airbus A320CEO family | 83 | 14 | 0 | 97 |
| Airbus A320NEO family | 122 | 0 | 124 | 246 |
| Airbus A330CEO family | 8 | 1 | 0 | 9 |
| Airbus A330NEO family | 6 | 0 | 0 | 6 |
| Airbus A350 family | 9 | 0 | 0 | 9 |
| Boeing 737NG family | 61 | 13 | 0 | 74 |
| Boeing 737-8/9 | 60 | 0 | 93 | 153 |
| Boeing 777-300ER | 27 | 4 | 0 | 31 |
| Boeing 787 family | 27 | 1 | 7 | 35 |
| Freighters | 5 | 1 | 0 | 6 |
|  |  |  |  |  |
| Total | 426 | 34 | 224 | 684 |

77\% of existing fleet is latest technology aircraft ${ }^{1}$

## Recovery in Aircraft Values



Improving aircraft market values underpinned by robust passenger traffic

## Global Air Traffic Has Surpassed 2019

Passenger traffic ${ }^{1}$


Capacity ${ }^{1}$

106\%

## Industry Will Need to Fund US\$100 Billion of Aircraft in 2024

Passenger aircraft deliveries

Passenger aircraft >100 seats ${ }^{1}$


Delivery values back close to near record levels in 2024

## Operating Lessors' Share of the Market

Proportion of fleet on operating lease


## Diverse Funding Channels Utilised in 2023

Sources and Uses of Cash


US\$5.6 billion of committed liquidity

## Highest Committed Capex Since IPO

Orderbook delivery schedule ${ }^{1}$
Total committed capex of US $\$ 12$ billion


US\$ billion


## Conclusion

- Record NPAT of US\$764 million in 2023
- 30th year of unbroken profitability
- Total dividend of US\$0.3852 per share the highest since IPO
- Payout ratio of $35 \%$ of 2023 reported NPAT
- Positive 2024 industry dynamics
- Global passenger traffic has surpassed 2019 levels ${ }^{1}$
- Airline profitability expected to rise $10 \%$ in 2024 on continued demand growth ${ }^{1}$
- Airline industry is estimated to take delivery of US $\$ 100$ billion of aircraft in 2024, its highest since $2018^{2}$
- Liquidity and orderbook support future growth
- More room for balance sheet growth with our total future capex of US\$12 billion
- US $\$ 5.6$ billion of liquidity to support aircraft investments


## APPENDICES

The BOC Aviation Journey - 30 Years in 2023

Ownership

| 1993 | SALE established with $50: 50$ joint ownership between Singapore Airlines and Boullioun Aviation Services |
| :---: | :---: |
| 1997 | Temasek and GIC each became 14.5\% shareholders |
| 2006 | Bank of China acquired $100 \%$ of SALE on 15 Dec 2006 |
| 2016 | Listed on HKEx on 1 June - 70\% by Bank of China $-30 \%$ by public float |
| 2023 | $7^{\text {th }}$ year as a listed company on 1 June |

## BOC Aviation - Who are We?

## Top 5 <br> Global aircraft operating lessor ${ }^{1}$ <br> Listed on HKEX <br> HKEX code: 2588

## >US\$6.2 billion

Cumulative profits since inception
>US\$5.6 billion
Available liquidity

## 224

Aircraft on order

## Bank of China

$70 \%$ owned by BOC

A- Investment grade credit ratings from S\&P and Fitch

## US\$24.2 billion

Total assets

## 684

Aircraft in fleet ${ }^{2}$

## 4.6 years; 8.1 years

Average fleet age \& lease term remaining ${ }^{3}$

## Our Management Team



- 33 years of banking and leasing experience
- Appointed as a Director and Chief Executive Officer and Managing Director on 1 January 2024


Zhang Xiaolu
Vice-Chairman \& Deputy Managing

Director


Wu Jianguang Chief Financial Officer

## Tom Chandler Chief Operating Officer

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


## Core Competencies - BOC Aviation Track Record

## Since inception in 1993:

- Purchasing More than 1,100 aircraft purchased totalling more than US\$63 billion
- Leasing More than 1,300 leases executed with 190 airlines in $>60$ countries and regions
- Financing More than US\$42 billion in debt raised
- Sales More than 430 owned and managed aircraft sold
- Transitions More than 130 transitions
- Repossessions ${ }^{1} 67$ aircraft in 20 jurisdictions

The outcome:

- Total number of aircraft delivered 887
- Proportion of aircraft sold ${ }^{2}$ 49\%
- Proportion of transitions ${ }^{3} 10 \%$
- Proportion of repossessions ${ }^{3} 5 \%$

All data as at 31 December 2023, since inception unless otherwise indicated Notes:

1. Includes repossessions and consensual early returns
2. As a proportion of aircraft delivered

As a proportion of leases executed

BOC Aviation Bonds Issued on the Tightest Spreads

| Issuer | Issue Date | Tenor <br> (years) | Amt Issued <br> (US\$ million) | Coupon (\%) | Yield (\%) | T-Spread at <br> Issue (bps) |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| BOC Aviation USA Corp | $\mathbf{9 / 1 / 2 0 2 4}$ | $\mathbf{5}$ | 500 | 5.000 | 5.250 | $\mathbf{1 2 5}$ |
| BOC Aviation USA Corp | $\mathbf{9 / 1 1 / 2 0 2 3}$ | $\mathbf{5}$ | $\mathbf{6 5 0}$ | 5.750 | $\mathbf{5 . 9 1 7}$ | $\mathbf{1 3 0}$ |
| Air Lease Corp | $17 / 1 / 2024$ | 5 | 500 | 5.100 | 5.379 | 135 |
| Aercap | $4 / 1 / 2024$ | 5 | 800 | 5.100 | 5.371 | 140 |
| Aercap | $4 / 1 / 2024$ | 10 | 700 | 5.300 | 5.599 | 160 |
| Aercap | $18 / 9 / 2023$ | 7 | 850 | 6.150 | 6.262 | 185 |
| SMBC Aviation Capital Finance | $25 / 7 / 2023$ | 10 | 1,000 | 5.700 | 5.745 | 195 |
| Avolon | $16 / 1 / 2024$ | 5 | 1,150 | 5.750 | 5.946 | 200 |
| Aircastle | $17 / 1 / 2024$ | 5 | 650 | 5.950 | 6.090 | 205 |
| Aviation Capital Group LLC | $5 / 10 / 2023$ | 5 | 500 | 6.750 | 6.810 | 225 |
| Griffin Global Asset Management | $3 / 4 / 2024$ | 5 | 400 | 6.875 | 6.875 | 255 |
| Aircastle | $18 / 7 / 2023$ | 5 | 650 | 6.500 | 6.544 | 260 |
| Griffin Global Asset Management | $15 / 11 / 2023$ | 3 | 400 | 8.000 | 8.250 | 360 |
| Macquarie Airfinance Holdings Ltd | $11 / 9 / 2023$ | 5 | 500 | 8.125 | 8.125 | 372 |

Achieved tightest pricing amongst lessor issuances since 2H 2023

## Lease Rental Income Continues to Drive Revenue

## Lease rental income drives total revenues and other income



Depreciation of aircraft and financing costs are key costs


## Long-Term Leases A Key Feature of the Company

A long average remaining lease term ${ }^{1}$


High future committed operating lease revenue


Future committed revenues

Well-dispersed scheduled lease expiries ${ }^{2}$


Industry-leading average remaining lease term ${ }^{3}$
Number of years


Notes:
Notes. Weighted by net book value of owned fleet and finance lease receivables in respect of aircraft on leases classified as finance leases in accordance with IFRS 16 (Leases)
2. Owned aircraft with lease expiring in each calendar year, weighted by net book value including finance lease receivables in respect of aircraft on leases classified as finance leases in accordance with IFRS16 (Leases)
3. Updated as at 31 December 2023

## Globally Diversified Portfolio

Lease portfolio diversified by customer ${ }^{1}$


Collection rate (\%)
$98.599 .4100 .999 .8 \quad 97.2100 .499 .9100 .499 .8 \quad 99.9100 .396 .9 \quad 94.0 \quad 96.6100 .8101 .3$

Average $=99.1 \%$
...and diversified by geography ${ }^{1}$

100.0100 .0100 .0100 .099 .899 .099 .9100 .099 .999 .899 .999 .699 .698 .596 .299 .1

Average = 99.5\%

2008200920102011201220132014201520162017201820192020202120222023

[^0]
## Record High Operating Cash Flow Net of Interest



2023 operating cash flow net of interest ${ }^{1,2}$


Collection rate exceeded 100\% for the second consecutive year


Improving operating cash flow net of interest ${ }^{1,2}$


Collection rate of more than $100 \%$ and recoveries from aircraft in Russia contributed to record high cash flow

[^1]BOC AVIATION
2. Included recovery in respect of aircraft in Russia in 2023

## Returning to Growth



Record asset base achieved in 2023

Note:

1. Includes aircraft on leases classified as finance lease in accordance with IFRS 16 (Leases)

## Flexible Capital Structure

Outstanding debt amortises over a long term


US\$ billion


Sources of debt ${ }^{1}$


## Aircraft Supply Remains Extremely Tight

## Passenger aircraft deliveries



## Fewer Lessors Have Orderbooks

Number of lessors with orderbook deliveries


## Improving Airline Industry Profits

IATA global airline industry net post-tax profit


Further recovery in Asia-Pacific international travel will underpin growth in 2024

## YTD 2024 Capacity is Over 6\% Higher Than 2019 Levels

YTD 2024 total domestic and international markets are higher than 2019 levels. The only region that is not above 2019 levels is Asia Pacific. China is around $\sim 6 \%$ larger than 2019 levels, even with a lagging international market

Global daily capacity change vs. 2019
14-day rolling average ASKs compared to same period in 2019


Regional recovery breakdown
YTD 2019 vs. YTD ${ }^{1} 2024$

| Vs. 2019 | Domestic | International | Total |
| :---: | :---: | :---: | :---: |
| Americas | +17\% | +7\% | +13\% |
| Europe | +7\% | +7\% | +7\% |
| Middle East | +18\% | +7\% | +9\% |
| Asia Pacific ex-China | -5\% | -7\% | -6\% |
| China | +33\% | -33\% | +6\% |
| Total | +16\% | +1\% | +6\% |

## China and India Have Potential for Huge Aviation Growth

As economic powerhouses such as China and India continue to expand, their domestic aviation markets would be gradually heading towards a mature market such as US. This shall create solid demand for more aircraft

## Fact Sheet - India, China and United States

Demographic, Fundamental and Aviation Market Stats

|  | 4든 US | India | $\star_{*}^{*}$ China |
| :---: | :---: | :---: | :---: |
| \# of Large Cities (>1 mil residents) | 50 | 64 | 151 |
| Populations (in millions, 2023) | 335 | 1,430 | 1,430 |
| Real GDP Per Capita (USD, 2023) | 70,000 | 2,300 | 12,000 |
| Airlines Backlog (end of 1Q 2024) | 3,000 | 2,000 | 1,000 |
| Average passenger distance flown | 4,500 | 120 | 750 |
| Current aircraft fleet | 6,300 | 750 | 4,100 |
| Size of domestic fleet if passengers flew ~33\% of US consumers | $\mathrm{n} / \mathrm{m}$ | 7,000 | 7,000 |

## (ㄷ) bocaviation

## www.bocaviation.com


[^0]:    All data as at 31 December 2023
    Notes:

    1. Based on net book value of aircraft including finance lease receivables in respect of aircraft on leases classified as finance leases in
    accordance with IFRS 16 (Leases) and excluding off lease aircraft
    2. Fleet utilisation is the total days on-lease in the period as a percentage of total available lease days in the period
[^1]:    Notes:

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