

# 4th Quarter 2017 Earnings Results

Michael Small – Chief Executive Officer John Wade – Chief Operating Officer Barry Rowan – Chief Financial Officer

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### Safe harbor statement



#### Safe Harbor Statement

This presentation contains "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934 that are based on management's beliefs and assumptions and on information currently available to management. Most forward-looking statements contain words that identify them as forward-looking, such as "anticipates," "believes," "continues," "could," "seeks," "estimates," "expects," "intends," "may," "plans," "potential," "predicts," "projects," "should," "will," "would" or similar expressions and the negatives of those terms that relate to future events. Forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause Gogo's actual results, performance or achievements to be materially different from any projected results, performance or achievements expressed or implied by the forward-looking statements. Forward-looking statements represent the beliefs and assumptions of Gogo only as of the date of this presentation and Gogo undertakes no obligation to update or revise publicly any such forward-looking statements, whether as a result of new information, future events or otherwise. As such, Gogo's future results may vary from any expectations or goals expressed in, or implied by, the forward-looking statements included in this presentation, possibly to a material degree.

Gogo cannot assure you that the assumptions made in preparing any of the forward-looking statements will prove accurate or that any long-term financial or operational goals and targets will be realized. In particular, the availability and performance of certain technology solutions yet to be implemented by the Company set forth in this presentation represent aspirational long-term goals based on current expectations. For a discussion of some of the important factors that could cause Gogo's results to differ materially from those expressed in, or implied by, the forward-looking statements included in this presentation, investors should refer to the disclosures contained under the headings "Risk Factors" and "Cautionary Note Regarding Forward-Looking Statements" in the Company's Annual Report on Form 10-K and Quarterly Reports on Form 10-Q.

#### Note to Certain Operating and Financial Data

In addition to disclosing financial results that are determined in accordance with U.S. generally accepted accounting principles ("GAAP"), Gogo also discloses in this presentation certain non-GAAP financial information, including Adjusted EBITDA, Adjusted EBITDA margin and Cash CAPEX. These financial measures are not recognized measures under GAAP, and when analyzing our performance or liquidity, as applicable, investors should (i) use Adjusted EBITDA and Adjusted EBITDA margin in addition to, and not as an alternative to, net loss attributable to common stock as a measure of operating results, and (ii) use Cash CAPEX in addition to, and not as an alternative to, consolidated capital expenditures when evaluating our liquidity. See the Appendix for a reconciliation of each of Adjusted EBITDA and Cash CAPEX to the comparable GAAP measure. No reconciliation of the forecasted range for Adjusted EBITDA for fiscal 2018 is included in this release because we are unable to quantify certain amounts that would be required to be included in the respective corresponding GAAP measure without unreasonable efforts and we believe such reconciliations would imply a degree of precision that would be confusing or misleading to investors. In particular, we are not able to provide a reconciliation for the forecasted range of Adjusted EBITDA for 2018 due to variability in the timing of aircraft installations and de-installations impacting depreciation expense and amortization of deferred airborne leasing proceeds.

In addition, this presentation contains various customer metrics and operating data, including numbers of aircraft or units online, that are based on internal company data, as well as information relating to the commercial and business aviation market, and our position within those markets. While management believes such information and data are reliable, they have not been verified by an independent source and there are inherent challenges and limitations involved in compiling data across various geographies and from various sources.

### Record quarterly results



#### **Total Revenue (\$MM)**





Total revenue up 18% Y/Y

#### Adjusted EBITDA (\$MM)





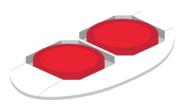
Adj. EBITDA up \$2M Y/Y to a record \$25M

# Major progress on strategic objectives

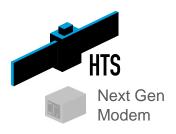




Awarded 200 additional aircraft Now 2,000+ 2Ku awards



225+ Aircraft installed with 2Ku in Q4 '17



Weighted avg. peak speed per commercial aircraft increased 30% Q/Q and nearly 100% Y/Y

### New products drive increased engagement





Messaging passes increasing passenger engagement, take rate up 36% Y/Y



GOL launches Gogo TV



Gogo Vision Touch on Delta C-Series Lightweight, low-cost seatback solution



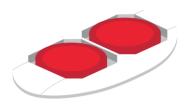
Unified Portal: Delivering a consistent passenger experience across IFC providers

# Business Aviation's strong growth trajectory



20,000+
Business Aviation
Aircraft

Complete in-flight internet portfolio to address all business aircraft



2Ku penetrating the VVIP market



Ku tail mount antenna to target large, global business jets



ATG-NG extends leadership position

### Looking ahead to 2018



# **Bandwidth Growth**

2Ku installs, modem upgrades, HTS satellites & launch of ATG-NG

# Win Aircraft Grow ARPA

More bandwidth will drive aircraft awards and ARPA

# **BA: Continued Growth**

Strong revenue and profitability growth

# Strong operational execution



- 227 2Ku aircraft installed in Q4
- **473** 2Ku aircraft installed in 2017
- **16X** New modem increases throughput 16X
- <1/2 Installation times less than half of the competition

### **OEM Progress**



9,000

Aircraft expected to be installed with IFC through OEM programs over next 10 years

**Airbus** 

Expects first 2Ku line-fit order in first half of 2018

**C-Series** 

Delta Air Lines to take delivery of first 2Ku and Gogo Vision Touch line-fit C-Series in 2018

**Boeing** 

Expects first delivery of 2Ku 737-Max delivery in 2019

### Delivering more bandwidth globally





Total 2Ku aircraft online at end of 2018

CA-ROW 2Ku aircraft online at end of 2018

**∼2X** Growth in 2Ku aircraft online over 2017



ATG-NG commercially available in late 2018

# Business Aviation continues to extend market reach





Current customers upgrading and recommitting to Gogo

- 200 Avance L5 units shipped in 2017
- Streaming class internet experience

20,000+
Business Aviation
Aircraft

Solutions for every aircraft:

- AVANCE L3 & L5
- ATG-NG
- Ku tail mount

### Key takeaways - COO



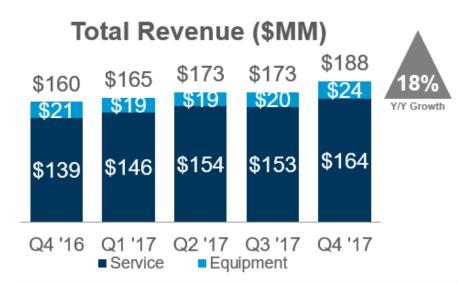
Relationships built on over 25 years of experience

Continually enhancing our capabilities

Business Aviation set for a strong 2018 and to capitalize on long-term growth opportunities

### Strong revenue growth

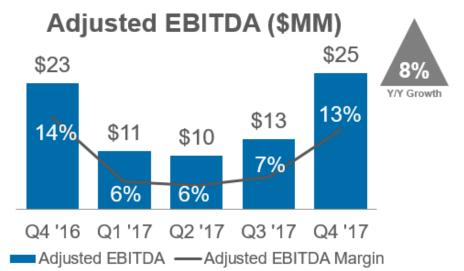




Q4 '17 revenue up 18% Y/Y

Service revenue up 18% Y/Y

- CA-ROW up 119%
- BA up 25%



### Q4 '17 Adjusted EBITDA reaches record \$25 million

- Second half of '17 nearly doubled first half of the year
- Expect increased network utilization, falling unit bandwidth costs & expense management to drive operating leverage

# CA-NA: Continued service revenue growth







#### Service revenue of \$103M up 8%

• 2,840 aircraft online, up 164 aircraft Y/Y

### Average Revenue Per Aircraft (ARPA) (\$k)



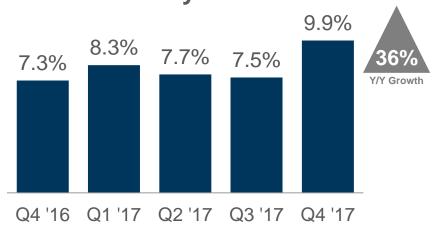
# Annualized ARPA up 2% Y/Y to \$144k

- Annualized Satellite ARPA \$223k
- Annualized ATG ARPA \$131k

# CA-NA: Expanding engagement through multipayer strategy



#### **Connectivity Take Rate**



#### Take rate up 36% Y/Y:

 Increased passenger engagement with airline paid and third party paid offerings

# Segment Profit (\$MM) \$25 \$16 \$16 \$17 \$22% \$17 \$22% \$25% \$23 \$25% \$25% \$25% \$26% \$22

#### Segment profit of \$23 million

- Up \$7 million sequentially
- Segment profit margin flat Y/Y when adjusting for a positive non-cash adjustment in 2016

# CA-ROW: Revenue doubled year-over-year for fourth consecutive quarter



#### Service Revenue (\$MM)



Service revenue doubled Y/Y for the 4<sup>th</sup> consecutive quarter to \$15.3 million

- Aircraft equivalents online increased 57% Y/Y
- \$201k annualized ARPA, up 17% Y/Y





### Aircraft Online up 124 Y/Y

- Increase of 39 aircraft online Q/Q
- 138 2Ku aircraft online at year-end



### CA-ROW: Scaling our international business

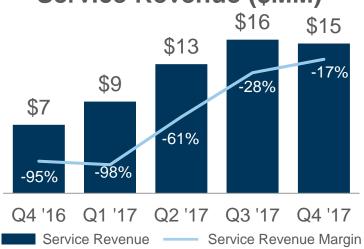




### Annualized ARPA up 17% to \$201k

- Sequentially, growth in ARPA for existing aircraft offset by new aircraft. New aircraft represented ~40% of aircraft online
- ARPA for airlines launched prior to 2017 grew 66% Y/Y
- ARPA growth expected in 2019 as new aircraft become seasoned

### Service Revenue (\$MM)



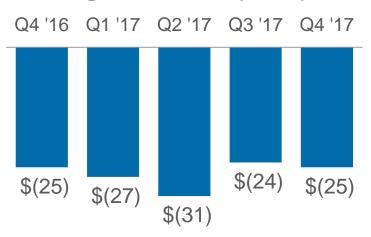
# Service revenue margin improved significantly Y/Y

 Leveraging of global Ku network driving service margin improvement

# CA-ROW: On path to profitability



### **Segment Loss (\$MM)**



Segment loss approximately equivalent Y/Y

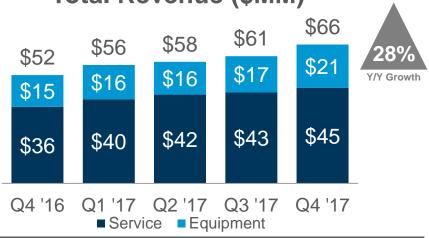
#### Path to profitability:

- Expect continued operating leverage as aircraft are brought online
- 770 awarded but not yet installed aircraft at 12/31/17
- Enough awarded aircraft to reach profitability

# BA: Continuing strong revenue growth







Service revenue increased 25% Y/Y to a record \$45 million

Total revenue increased 28% Y/Y, to \$66 million

#### **ATG Aircraft Online**

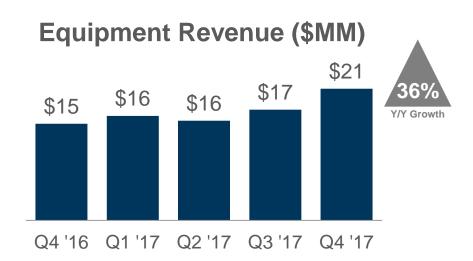


ATG aircraft online increased 12% Y/Y, to over 4,600

ATG Service ARPU increased 13% Y/Y, to over \$2,900 per month

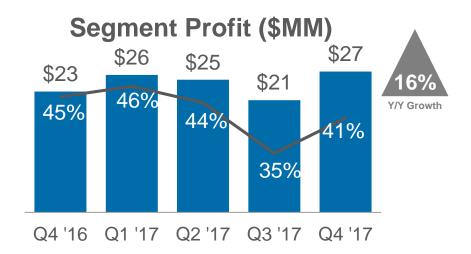
# BA: Strong AVANCE platform adoption





L5 shipments drove 36% growth in equipment revenue

- ATG units shipped up 31% to 235
- 108 L5 units shipped in Q4 '17

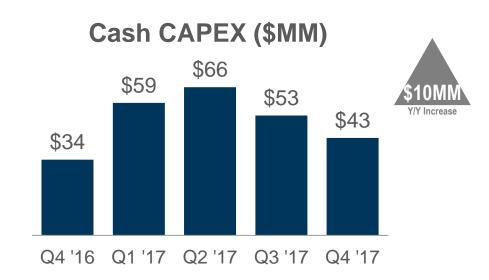


Segment profit increased 16% Y/Y, to \$27 million

 Profit margin improved sequentially due to charges recorded in Q3

### Investing in rapid 2Ku installations





# Cash CAPEX Y/Y increase reflects 2Ku installations

- ~70% of Cash CAPEX related to airborne investment
- Expected co-investment in airborne equipment to decline to less than \$200 thousand per aircraft for 2018 & 2019

# Cash, Cash Equivalents & Short-term Investments (\$MM)



### Cash, Cash Equivalents & Shortterm investments of \$409 million

 Targeting positive free cash flow in 2019 and for full year 2020

# 2017 Full Year Highlights



# Met or exceeded all major full-year 2017 guidance:

			2017 Guidance
	Revenue	\$699 million	\$670 - \$695 million
<b>\</b>	Adjusted EBITDA	\$ 63 million	\$60 - \$75 million
	Cash CAPEX		\$230 - \$260 million
	2Ku installations	473 installs	450 - 550 installs

# Revenue Recognition Standard (ASC 606)



### Adoption of Revenue Recognition Standard 606:

- No impact to cash flow
- Record higher equipment revenues in the current period for commercial agreements under the airline directed model
- Supplemental material on the Gogo IR website

### 2018 Guidance



\$ in millions	606 Revenue Standard	605 Revenue Standard	Y/Y Growth under 605 Standard
Total Revenue	\$865 - \$935	\$750 - \$790	7% - 13%
CA-NA Revenue  Equipment Revenue	\$445 - \$485 ~20%	\$380 - \$415	(5%) - 4%
CA-ROW Revenue  Equipment Revenue	\$125 - \$165 ~50%	\$75 - \$90	30% - 56%
BA Revenue	\$285 - \$295	\$285 - \$295	18% - 23%
Adjusted EBITDA Impact of switch to airlined directed model	\$75 - \$100	<b>\$65 - \$90</b> +\$15	11% - 54%

### 2018 Guidance



Increase in 2Ku aircraft online	550 - 650
Increase in CA-ROW 2Ku aircraft online	~300

\$ in millions

Cash CAPEX	\$110 - \$130
Related to airborne equipment	~35%

Inventory purchases related to	
airline-directed installations	\$15 - \$30

Q&A



# Appendix

# Gogo installed and awarded aircraft as of 12/31/2017



Aircraft Online	CA-NA	CA-ROW	Total
ATG Aircraft Online	827	-	827
ATG-4 Aircraft Online	1,597	-	1,597
Ku Aircraft Online	-	253	253
2Ku Aircraft Online	416	138	554
Total Aircraft Online	2,840	391	3,231

2Ku Aircraft Installed & Awarded But Not Yet Installed	CA-NA	CA-ROW	Total
2Ku aircraft installed	421	146	567
2Ku aircraft awarded but not yet installed, aircraft conversions	590	-	590
2Ku aircraft awarded but not yet installed, new aircraft	75	770	845
Total 2Ku aircraft installed and awarded not yet installed	1,086	916	2,000+





	<b>2016</b> Q1	<b>2016</b> Q3	<b>2016</b> Q3	<b>2016</b> Q4	<b>2017</b> Q1	<b>2017</b> Q2	<b>2017</b> Q3	<b>2017</b> Q4
Net Income	(24)	(40)	(33)	(27)	(41)	(44)	(45)	(41)
Interest Income	(0)	(0)	(1)	(1)	(1)	(1)	(1)	(1)
Interest Expense	16	18	25	25	27	27	28	30
Income Tax Provision (Benefit)	_	_	_	_	_	_	_	(3)
Depreciation & Amortization	24	25	27	30	30	31	36	49
EBITDA	17	2	18	27	16	13	18	34
Stock-based Compensation Expense	4	4	5	5	4	5	5	5
Amortization of Deferred Airborne Lease Incentives	(6)	(7)	(8)	(9)	(9)	(9)	(10)	(14)
Loss on Extinguishment of Debt		15	_	_	_	_	_	_
Adjustment of deferred financing costs	(1)	_	_	_	_	_	_	_
Adjusted EBITDA	14	14	15	23	11	10	13	25





	<b>2016</b> Q1	<b>2016</b> Q3	<b>2016</b> Q3	<b>2016</b> Q4	<b>2017</b> Q1	<b>2017</b> Q2	<b>2017</b> Q3	<b>2017</b> Q4
Purchases of Property and Equipment	(31)	(40)	(36)	(41)	(64)	(65)	(62)	(62)
Acquisition of Intangible Assets (Capitalized Software)	(6)	(8)	(8)	(7)	(8)	(9)	(7)	(4)
Consolidated Capital Expenditures	(37)	(48)	(44)	(48)	(72)	(74)	(68)	(66)
Change in Deferred Airborne Lease Incentives	8	1	0	6	4	(0)	5	9
Amortization of Deferred Airborne Lease Incentives	6	7	8	9	9	9	10	14
Cash CAPEX	(24)	(40)	(36)	(34)	(59)	(66)	(53)	(43)