## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

### FORM 8-K

CURRENT REPORT
Pursuant to Section 13 or 15(d) of
the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): November 17, 2017

### GOGO INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation) 001-35975 (Commission 27-1650905 (IRS Employer Identification No.)

111 North Canal, Suite 1500 Chicago, IL (Address of principal executive offices)

60606 (Zip Code)

Registrant's telephone number, including area code: 312-517-5000

Not Applicable (Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:					
	Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)				
	Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)				
	Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))				
	Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))				

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter)

Emerging growth company  $\ \square$ 

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.  $\Box$ 

#### Item 7.01 REGULATION FD DISCLOSURE.

On November 17, 2017, representatives of Gogo Inc. (the "Company") will host its annual Investor and Analyst Day at 8:30 a.m. Eastern Time. Please visit the Company's investor relations website at <a href="http://ir.gogoair.com">http://ir.gogoair.com</a> for webcast access information regarding this event.

The Company will use the attached presentation for its Investor and Anlayst Day. A copy of the investor presentation is attached hereto as Exhibit 99.1.

### Item 9.01 FINANCIAL STATEMENTS AND EXHIBITS.

Exhibit No.

Description

99.1 <u>Investor Presentation</u>

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

GOGO INC.

By: /s/ Barry Rowan

Barry Rowan
Executive Vice President and
Chief Financial Officer

Date: November 17, 2017

# Gogo Investor & Analyst Day

November 17, 2017



### 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 publicity 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-C.

#### 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 2017 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 2017 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.

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Key topics for the day

### Gogo is the Inflight Internet Company



Anand Chari, EVP & CTO

### **Building the Inflight Internet**

· Most aviation bandwidth, at the lowest cost, to the most geographies



John Wade, EVP & COO

### **Scaling Our Operations Globally**

Meeting the needs of airline partners

### **Extending Business Aviation's Market** Leadership

· Profitable and growing rapidly



Jon Cobin, EVP & CCO

### **Enabling the Connected Airline**

· Winning aircraft and growing ARPA by providing more customer value



Barry Rowan, EVP & CFO

### **Charting the Path to Profitability**

- · BA represents significant value
- · Attractive and improving unit economics
- · Levers in place to drive FCF

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# Gogo and the Future of Inflight Internet

Michael Small, CEO



## Inflight is the new frontier for the internet

Route 156



Flight 156



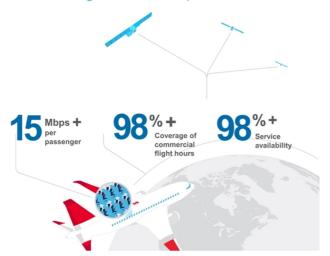
With ~30,000 more CA & BA aircraft to install

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

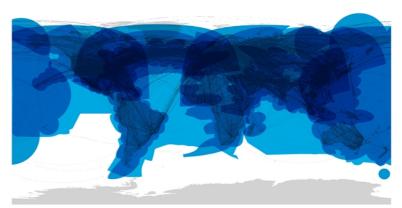
E

## Performance everywhere

### A ground-like experience

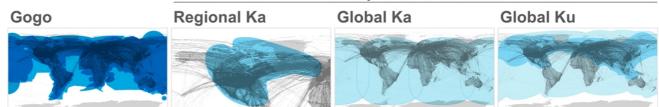


### Everywhere aircraft fly



©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

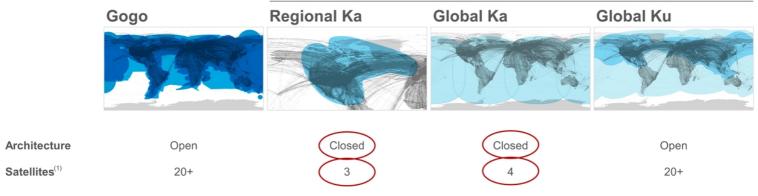
### **Competitive Networks**



1 As of Q3 2017, where Hub City represents capacity Gogo has access to Competitive network information based on Gogo management estimates and public filings of competitors

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

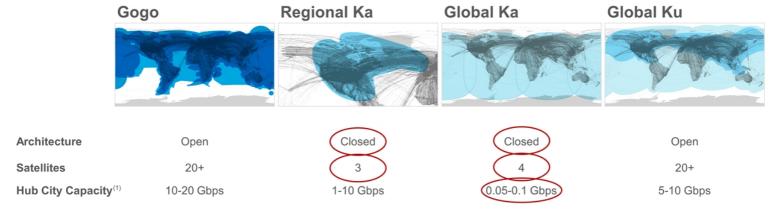
### **Competitive Networks**



1 As of Q3 2017, where Hub City represents capacity Gogo has access to. Competitive network information based on Gogo management estimates and public filings of competitors

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

### **Competitive Networks**



1 As of Q3 2017, where Hub City represents capacity Gogo has access to Competitive network information based on Gogo management estimates and public fillings of competitors

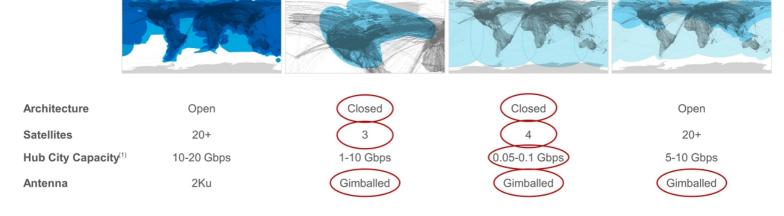
©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

Regional Ka

### **Competitive Networks**

Global Ku

Global Ka

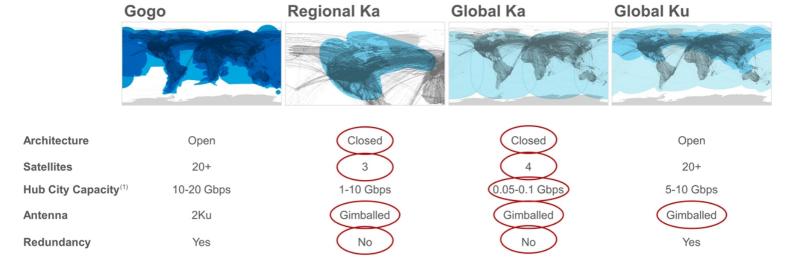


<sup>1</sup> As of Q3 2017, where Hub City represents capacity Gogo has access to Competitive network information based on Gogo management estimates and public filings of competitors

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

Gogo

### **Competitive Networks**



<sup>1</sup> As of Q3 2017, where Hub City represents capacity Gogo has access to Competitive network information based on Gogo management estimates and public filings of competitors

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Gogo's evolution

### Where we were

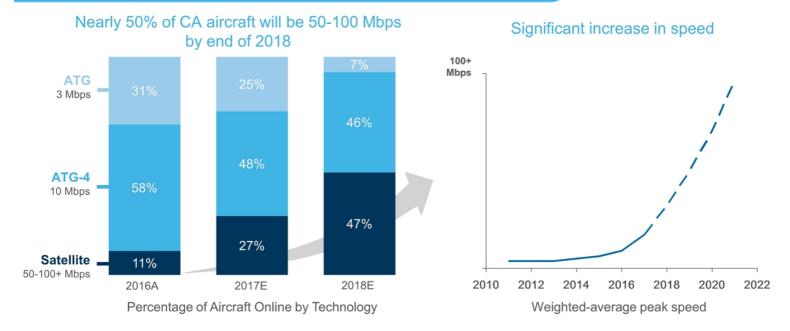
- Slow and expensive
- · Constrained take rate
- B2C
- Core investments

### Where we are going

- Most bandwidth
- For everyone
- B2B
- Success-based investments

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

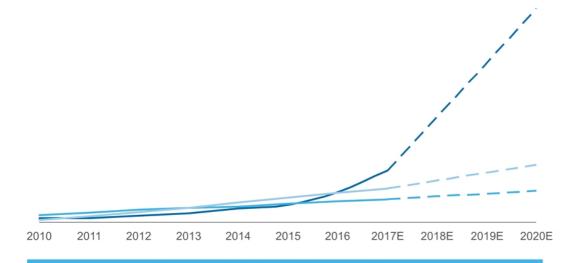
## From Slo-Go to Gogo, happening fast



©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Multiple drivers of substantial bandwidth growth





### Drivers in 2018

- 2Ku
- High Throughput Satellites
- Modem
- ATG-NG
- Aircraft

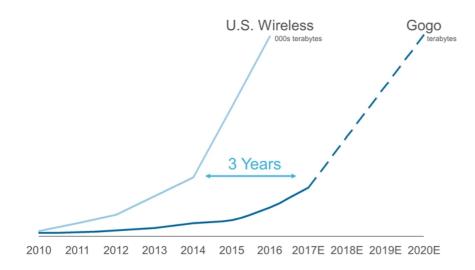
Moving quickly from terabytes to petabytes

SOURCE: historical and as of 9/30/17 LTM

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Bandwidth fuels growth

### **Total Bandwidth Curve**



### **Customer Engagement**

- U.S. Wireless Industry: >100%
- Gogo: 7%

SOURCE: Cellular Telecommunications Industry Association (CTIA)

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

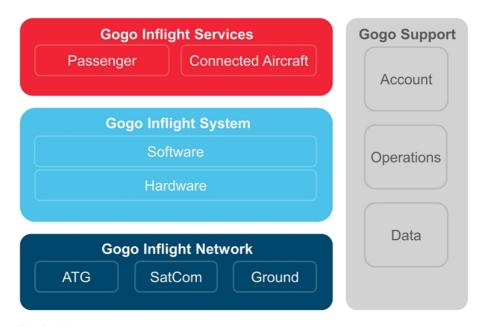
## Growth = Aircraft x ARPA

	Q	Q3 2017	
Aircraft Type	Aircraft Online	Annualized ARPA	
Business Jets	4,567	\$34K	
Regional Jets	1,068	\$64K	
Mainline – NA	1,749	\$174K	
ROW	352	\$226K	

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

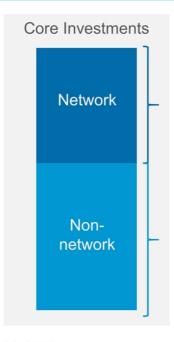
<sup>1</sup> BA excludes Satellite aircraft

## Gogo's comprehensive Portfolio is why we win



©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Focus and scale driving superior cost structure



### The lowest cost per MB served

- Multi-provider satellite strategy
- Higher utilization
- Higher efficiency
- Unique ATG network in NA

### And lowest cost per aircraft served

- Most planes
- Most planes per airline
- Established and optimized global supply chain

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## BA capitalizes on core investments







**Common Core Investments** 

ATG, ATG-4, ATG-NG | Global Ku, 2Ku

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## All aircraft are valuable...

Aircraft Type	Network	Q3 2017 Annualized ARPA	Cost To Acquire	NPV	
Business Jets	ATG	\$34K	Profit	\$	
Regional Jets	ATG	\$64K	Breakeven	\$\$	
Mainline - NA	ATG/Satellite	\$174K	Co-Investment	\$\$\$	
ROW	Satellite	\$226K	Co-Investment	\$\$\$	

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

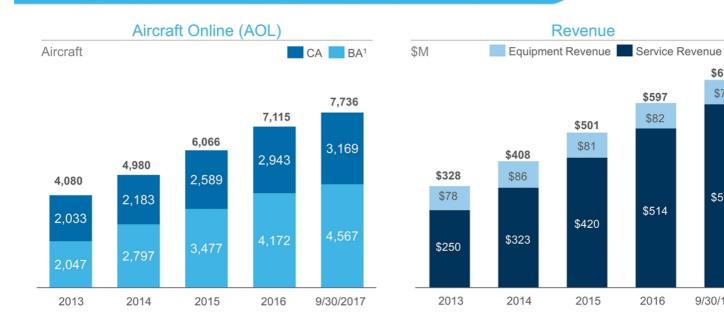
## ...with room to grow

Aircraft Type	Gogo Aircraft Online	NPV	Gogo Awarded But Not Yet Installed	10 year Aircraft Opportunity
Business Jets	4,567	\$	N/A	>20,000
Regional Jets - NA	1,068	\$\$	18	>500
Mainline - NA	1,749	\$\$\$	100	>2,000
ROW	352	\$\$\$	780	>15,000

SOURCE: Aircraft Online as of 9/30/2017 and Awarded But Not Yet Installed as of 10/24/2017. Uncommitted Aircraft based on management estimates and Boeing CMO

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Strong and consistent growth



1 BA excludes Satellite aircraft

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

\$671 \$78

\$593

9/30/17 LTM

\$597

\$82

\$514

## Driving shareholder value

Leadership position in attractive, under-penetrated market

Comprehensive Portfolio of networks, systems, services & support

**Established networks** 

Compelling unit economics

Clear path to positive free cash flow

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# Building the Inflight Internet

Anand Chari, EVP & CTO



## Technology strategy

### Customer-centric

- Aviation-specific
- Future-proof
- Modular architecture



### Technology agnostic

- Multi-technology
- Multi-band
- Open architecture

### Best performance at lowest cost

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

### Innovation in all aspects of the managed network



©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

### All components work together:

### Network

- Coverage
- Capacity
- Redundancy
- Certainty of supply

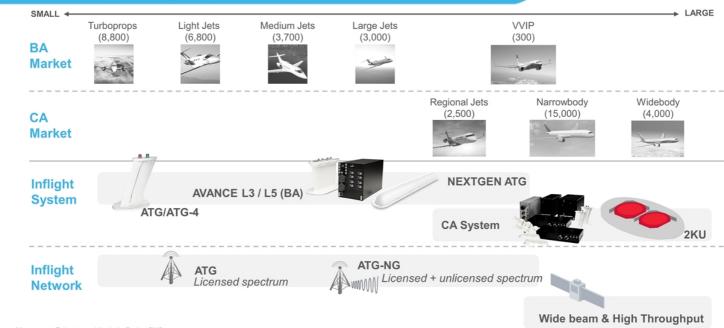
### **System**

- Aircraft-specific design
- Modular
- Reliable
- Capabilities work across networks
- Mobility management

### Services

- IFE and IFC
- TV and IPTV
- Multi-payer, multi-tier products

## Networks and systems address all aircraft



Source: Management Estimates and Analysis, Boeing CMO

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Aviation network design challenge



- Global coverage, concentrated traffic
- 80% of traffic in <20% of geography

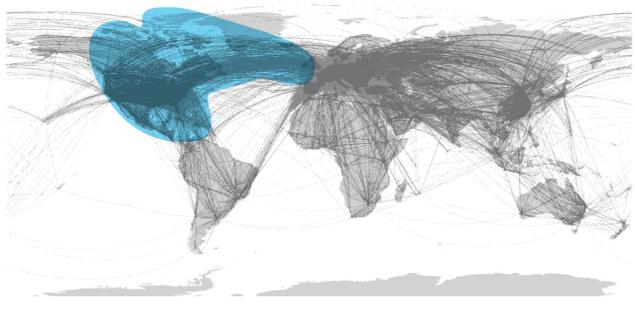


Source: ICAO 2015

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Existing Regional Ka offers inadequate coverage and inefficient capacity





- 80% of the flight minutes in <20% of the geography
- The larger the geography covered, more capacity is wasted
- Capacity applicable to aero is small fraction of satellite capacity

Source: based on public information and management estimates and analysis

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

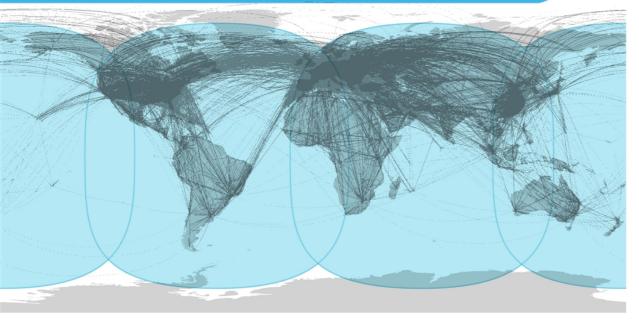
## Global Ka solutions spread capacity too thin relative to where aircraft fly



.

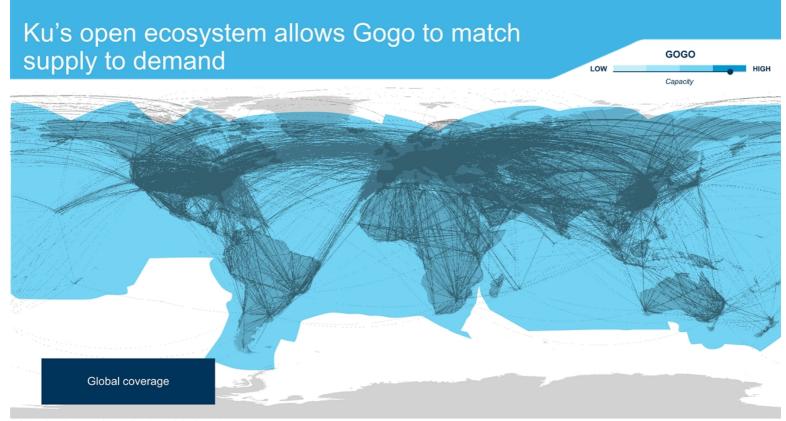
 Spreading capacity around the entire globe to meet coverage makes the

problem worse



Source: based on public information and management estimates and analysis

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.



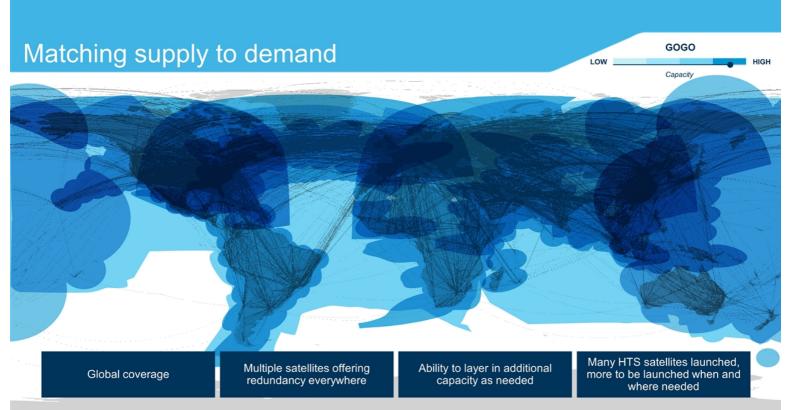
©2017 Gogo Inc. and Affiliates. Proprietary & Confidential



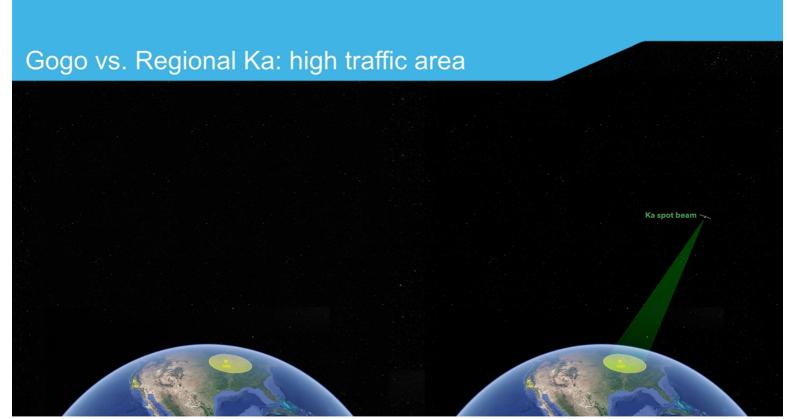
©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.



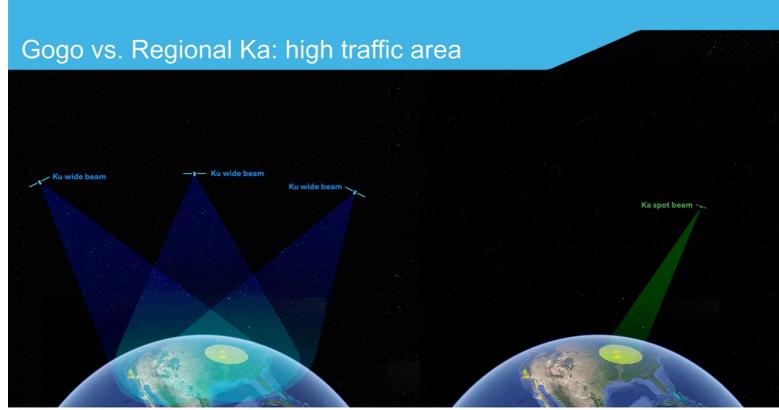
©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.



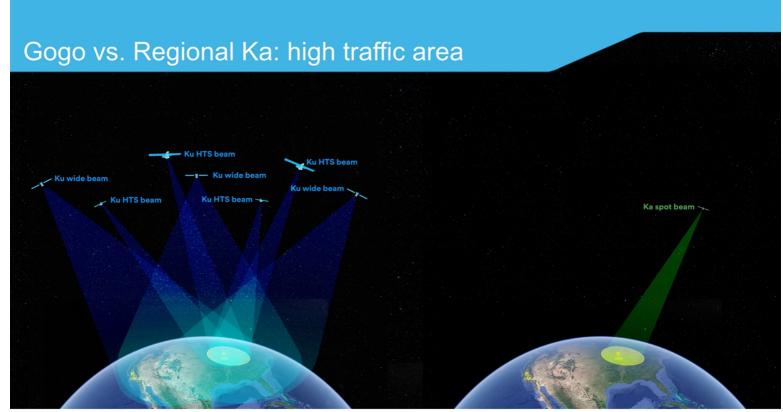
©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.



©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.



2017 Gogo Inc. and Affiliates. Proprietary & Confidential



92017 Gogo Inc. and Affiliates. Proprietary & Confidentia



©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# Global coverage and aero-optimized capacity win the day ATG-NG ATG-NG Regional Ka Regional Ka Global Ku Global Ka

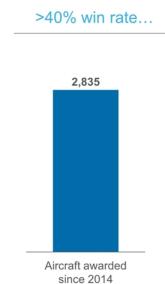
COVERAGE (% OF GEOGRAPHY)

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

ATG-4

ATG

# Strong track record

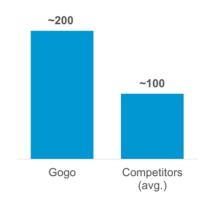


# World's leading airlines... (including 9 of top 20 airlines)



### ...And the Largest Awards

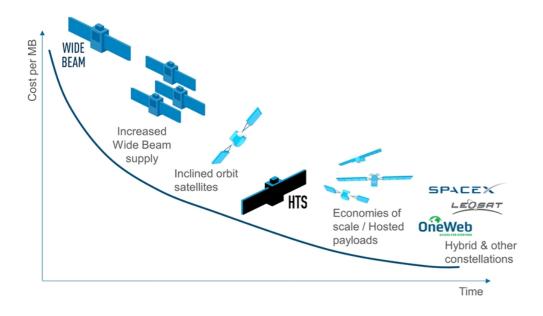
Average awarded aircraft per airline account



Source: Management Estimates and Analysis through 10/24/17

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# Gogo's cost structure benefits from open ecosystem innovation



# Benefits of multi-provider satellite strategy:

- · Low cost
- Leverage innovation
- · Add capacity on demand
- · High utilization
- Redundant network

# Satellite ownership not aligned to aviation's growing needs:

- · Capital-intensive
- · Years to add capacity
- · Low utilization
- · Limited innovation
- Rapid obsolescence

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# 2Ku's performance benefits

### **Speed**

15 Mbps + per device and growing

- 100+ Mbps per aircraft, capable of 450+ Mbps
- Access most satellite capacity
- At lowest cost
- Internet + IPTV

### Coverage

98 % + global route minutes

- · Gate-to-Gate
- Performs well everywhere
- LEO compatible

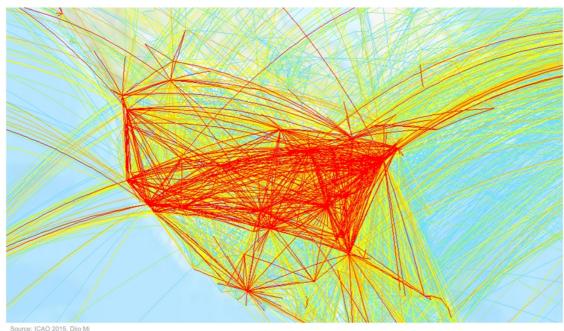
### **Availability**

98%+ end-to-end

- Fewer moving parts
- Multi-satellite = redundancy

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# North America presents a unique opportunity



2/3 of RJs and business jets in North America

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

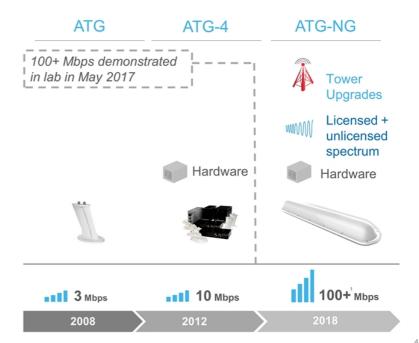
# ATG-NG brings high-speed, low cost regional solution to North America

- Nationwide network build out begun leveraging towers, backhaul and spectrum
- · Flight testing underway



1 Expected results and availability based on management estimates

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.



# ATG-NG benefits

Speed	<ul> <li>100+ Mbps and growing</li> </ul>
Size/Cost	<ul><li>Lower CapEx</li><li>Lighter-weight</li><li>Overnight install</li></ul>
Reliability	• 99% end-to-end

### For \$50 million CapEx:

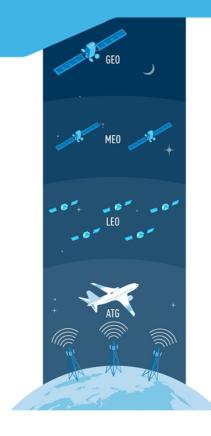
- Extends 100+ Mbps speeds to Business Aviation and Regional Jet aircraft
- Adds 100 Gbps of dedicated capacity

wote: Expected results and availability based on management estimate.

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# The road ahead

- Best bandwidth solution for every aircraft everywhere
- Will continue to design solutions based on philosophy of:
  - -Multi-band
  - -Multi-constellation
  - -Multi-mode



©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

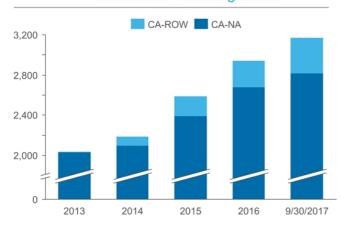
# Enabling the Connected Airline

Jon Cobin, EVP & CCO



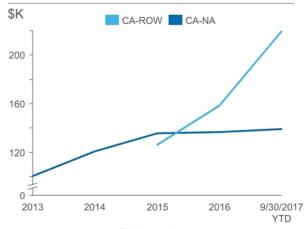
# Growth fueled by meeting customer needs

### CA Aircraft Online growth



- Leading Portfolio
- Address all aircraft

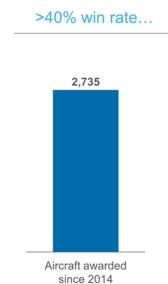
### Annualized ARPA growth



- Drive take rate
- More services

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# Strong track record

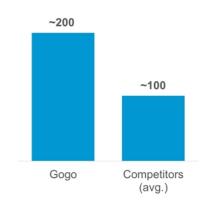


# World's leading airlines... (including 9 of top 20 airlines)



### ...And the Largest Awards

Average awarded aircraft per airline account



Source: Management Estimates and Analysis through 10/24/17

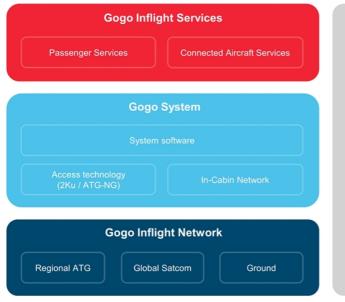
©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# Why Gogo?

Our Value Proposition	Airline Priorities
Performance	Best internet experience
Innovation	Future-proof technology
Customer-focus	Tailored digital experiences Operational excellence
Market leadership	Experienced provider  Long-term support  Low total cost of ownership

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# The Gogo Portfolio for delivering leading performance and flexibility to airlines





- Best performance everywhere
- Support Gogo, Airline and 3<sup>rd</sup> Party applications
- Passengers, Crew and Operations
- Daily support

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.



### PORTFOLIO PRE – 2013

NETWORK ATG/4

SYSTEM ATG/4 Retrofit

SERVICES
Retail Internet

SUPPORT N. America

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.



# PORTFOLIO 2013

NETWORK ATG/4

Ku Wide Beam

SYSTEM

ATG/4 Retrofit Ku Retrofit

**SERVICES** 

Retail Internet Gogo Vision

SUPPORT

N. America **Japan** 

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.



# PORTFOLIO 2014

NETWORK

ATG/4 Ku Wide Beam

SYSTEM

ATG/4 Retrofit Ku Retrofit **2Ku Retrofit** 

SERVICES

Retail Internet Gogo Vision

**Airline Directed Internet** 

SUPPORT

N. America Japan **Europe** 

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.





# PORTFOLIO 2015

### NETWORK

ATG/4 Ku Wide Beam

### SYSTEM

ATG/4 Retrofit Ku Retrofit 2Ku Retrofit

### SERVICES

Retail Internet Gogo Vision Airline Directed Internet

### SUPPORT

N. America Japan Europe South America

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.





# PORTFOLIO 2016

### NETWORK

ATG/4 Ku Wide Beam

### SYSTEM

ATG/4 Retrofit Ku Retrofit 2Ku Retrofit

### **SERVICES**

Retail Internet Gogo Vision Airline Directed Internet

### SUPPORT

N. America Japan Europe South America Global

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.



# PORTFOLIO 2017

NETWORK

ATG/4 Ku Wide Beam **Ku Spot Beam** 

SYSTEM

ATG/4 Retrofit Ku Retrofit 2Ku Retrofit 2Ku Line fit

**SERVICES** 

Retail Internet Gogo Vision Airline Directed Internet IPTV

SUPPORT

N. America Japan Europe South America Global

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# Well positioned to deliver customer value...

### Inflight Services - Best passenger experience

- **GGV-touch**
- Unified digital experience
- Seamless sign-on

### Inflight Systems – For every aircraft

### Inflight Network - Best bandwidth everywhere

- ATG-NG LEO
- HTS
- Multi-band

### Customer Support -Best airline experience

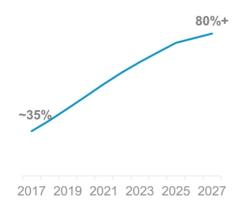
- Customer Support tools
- 2-day installs
- Global maintenance

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# And continued growth

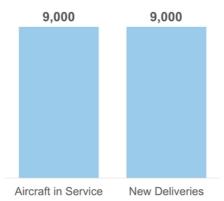
### Rapid Industry Growth

CA Market Penetration (projected)



### 10 year growth - 18,000 aircraft

Commercial Aircraft (projected)



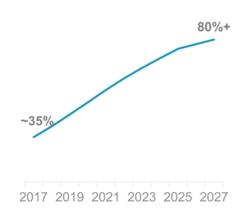
Source: 2017 Boeing CMO, Management Estimates and Analysis

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# And continued growth

### Rapid Industry Growth

CA Market Penetration (projected)



Aircraft in Service New Deliveries Aftermarket / Retrofit OEM / Linefit

Increasing addressable market going forward

10 year growth - 18,000 aircraft

Connected Commercial Aircraft (projected)

9,000

9,000

Source: 2017 Boeing CMO, Management Estimates and Analysis

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

60

<10%

Commitments to date

>40%

■ Gogo share

Commercial Aircraft

# The Vision

### Ground-like Connectivity for:

- Every device
- Every flight
- Everywhere

### **Enabling Better:**

- Passenger Experiences
- Airline Operations

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.



Video 1 Go to: **gogo.to/video1** 



# **Growing ARPA**

Deliver more value to Airlines and Passengers

### Increased engagement

- Take rate ↑
- Prices ↓

### More services

- Entertainment
- Connected Aircraft Solution (CAS)

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# Better experience and increased distribution





©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

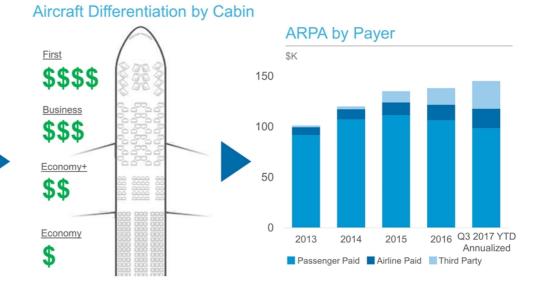
# Flexibility for airlines to tailor marketing

### **Passengers Want**

- Connectivity
- More bandwidth
- Free

### **Airlines Want**

- Improved passenger satisfaction
- Minimize costs



65

### Multi-tier is consistent with airline marketing strategies

Note: ARPA by payer includes CA-NA and CA-ROW.

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# Internet enabled entertainment benefits to airlines and passengers

# Passengers want access to their content



©2017 Gogo Inc. and Affiliates. Proprietary & Confidential

# **Gogo Vision enables** any content, anywhere



# Revolutionizing in-flight entertainment

Legacy In-Seat Internet-Enabled

Seats Served

~30%

100%

Titles available

Dozens

Anything you want

**\$5B** annually **\$4** per passenger served

A fraction of the cost to deliver more to every passenger

Source: Management estimates of IFE market size, The Future of In-Flight Entertainment – 2017 Valour Consultancy, Diio, Boeing CM © 2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

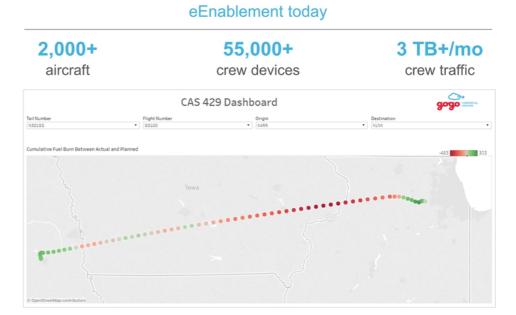
### Gogo Vision Touch



# Connected Aircraft Solutions represents a long-term opportunity

# Enabling you to fly smarter and safer

- eEnablement
- Data management
- Operational solutions



©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# Clear path to ARPA growth

— CA-NA ARPA — CA-ROW ARPA

\$K



©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.





# Scaling Our Operations Globally

John Wade, EVP & COO



## Supporting the customer life cycle

# Post Award Operation On-going Support







Global Supply Chain



**Network Monitoring** 



Maintenance

#### **Customer Benefits**

- · Leading certification Portfolio
- · Rapid fleet deployment
- · Fastest installations
- · Complete turnkey capability

#### **Customer Benefits**

- 98% uptime
- Rapid issue resolution
- Scale across nearly 8,000+ aircraft

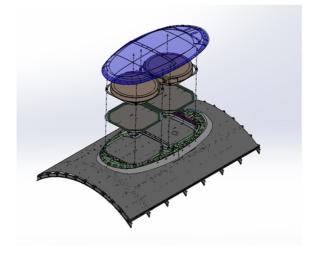
#### **Customer Benefits**

- Analytics driven operations
- Minimize aircraft touches

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Design and certification process

- Fleet survey
- Engineering design
- · Design substantiation and certification
- Prototype installation
- Regulatory approval (FAA, EASA, ANAC, TCCA, and others)



Comprehensive and complete engineering and certification capability

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# Certification approaches for existing and new aircraft

# Aftermarket Installations (existing and new aircraft)

- Supplemental Type Certificates (STCs)
- Service Bulletins

OEM Production Line Fit (new aircraft deliveries only)

Installations completed during production of the aircraft by the OEM

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# Broad Portfolio maximizes the addressable market & reduces time to market

- STC reuse reduces time and cost to achieve certification
- OEM approved Service Bulletins provide certification solutions ahead of production installation

2Ku STCs and service bulletins expected to cover ~80% of Global Commercial Aircraft by year end 2017

- 737-500 STC
- 737-800 STC
- 737-900 STC
- 747-400 STC
- 757-200 STC
- 757-300 STC
- 777-300 STC
- B787-800 SB
- B787-900 SB

- A319-100 STC
- A320-200 STC
- A321-200 STC
- A330-200 SB
- A330-300 SB
- A340-300 STC
- A350 SB

B787-800, B787-900 expected near year-end 2017 or early 2018

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Expected OEM line fit offer-ability

#### OEM production line installations expected

2018	Bombardier CS100
2019	Airbus A320 & A330 Boeing B737 Max
2020+	Airbus A350 <sup>1</sup> Boeing B777X & B787 <sup>1</sup>

These airframes represent 87% of aircraft currently on order

Timing subject to confirmation
 Expected OEM production line offer-ability based on management estimate:
 Percent of aircraft currently on order based on Dilio data, April 2017
 ©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Installation expertise

- 3,000+ retrofit installations completed
- Dedicated and experienced teams reduce 2Ku installations from over a week to around 30 hours
- ATG-NG expected to be an overnight installation
- Faster installs reduce installation expense and decrease aircraft downtime

Full fleet connectivity in less than two year



©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.



Video 3 Go to: **gogo.to/video3** 



# **Global Supply Chain**

- Built to ensure zero work stoppages utilizing a new ERP system
- Drive costs lower through purchasing and logistical efficiency
- Reliably deliver to airline installation locations around the globe



#### Ability to support global airline installations

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Market leading installation capability

- · 76 installs in October
- · 28 install lines operating now
- 16 installation locations globally
- Fastest installation in just 30 hours

#### Cumulative 2Ku Aircraft Installations



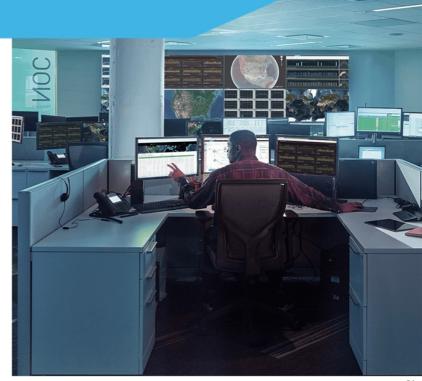
#### Capable of 750 installations per year

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## **Network Monitoring**

- ~8,000 aircraft systems monitored 24/7
- Leverage automation to rapidly resolve network issues
- Diagnose problems and have parts ready before the aircraft lands
- 99% ATG system availability
- 98% broadband satellite system availability

Network availability doesn't affect just one plane, it affects 100s of passengers



©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

#### Maintenance Support

- Access to spares and maintenance personnel is key to maintaining system availability
- Gogo has dedicated technical support teams to assist with troubleshooting
- · Dedicated Gogo maintenance team at key airports
- Third party maintenance repair and overhaul for some airport locations
- Train airlines to perform maintenance themselves



Rapid response and issue insight are vital

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

#### Data Analytics is a Competitive Advantage

- Gogo has an industry leading capability to synthesize insights into system performance and operations
- · Multiple sources of data into a data lake
- Team of data scientists develop sophisticated algorithms to evaluate every aspect of Gogo Operations
- Reduce airplane touches, replacement of hardware, reduce No Fault Found incidents by up to 75%



#### Improving performance while reducing operating costs

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential

# Competitive advantage through world class capabilities

#### Invested in:

- · World class aircraft engineering teams
- Market leading STC and SB Portfolio
- OEM line fit offerability
- · Strong Supply Chain
- · Fastest installations of any IFC company
- Strong Maintenance Repair Overhaul (MRO) partnerships
- Substantial analytics capability

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# Extending Business Aviation's Market Leadership

John Wade, EVP and COO



## Embedded in the business aviation ecosystem

1,000s

of individual owner operators

170

Independent dealers

10

Leading OEMs

9

Fractional jet operators





©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

#### Our complete technology roadmap

#### Avance L5 & L3

#### Next Gen ATG

#### Smart Cabin System

#### Ku & 2Ku









Attributes:

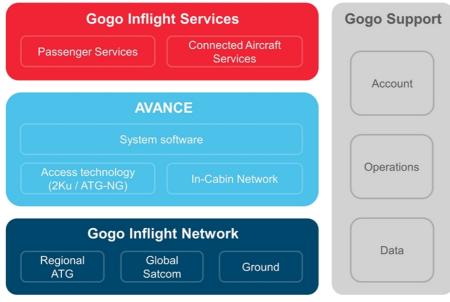
- CONUS & Canadian coverage
- Small to large aircraft
- Peak speeds 10Mbps
- CONUS coverage
- Medium to large aircraft
- Peak speeds >100Mbps
- Smart Cabin
- Gogo Vision
- Global Ku for large business and VVIP aircraft

Benefits:

- 99% availability
- Priced to fit any size aircraft
- Best in class performance and availability
- Upgrade provides IFE and Smart Cabin features
- Best in class speeds and coverage

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Gogo Portfolio model





- Same network
- Modified hardware for smaller aircraft
- Different go-to-market and customer support

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

#### **AVANCE** platform

- Gogo AVANCE platform supports future networks, capabilities and systems
  - Seamless integration with any new network
- All components can be configured remotely depending upon the mission
  - Upgrade and update remotely in minutes
- Direct access to system performance through mobile suite of applications
  - System auto-tickets during flight allowing for immediate Tech Support



Satcom

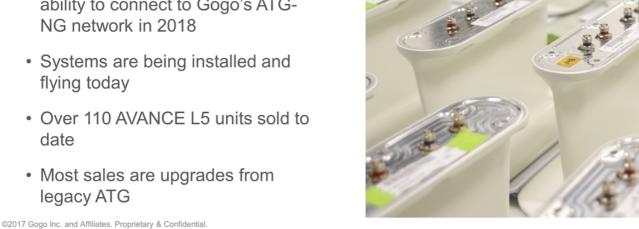
ATG

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

#### AVANCE inflight now

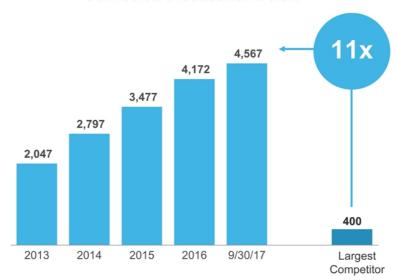
# Gogo AVANCE L5 – formerly known as Gogo Biz 4G

 AVANCE L5 will operate over the Gogo Biz 4G network, with the ability to connect to Gogo's ATG-NG network in 2018



# Leading market share...

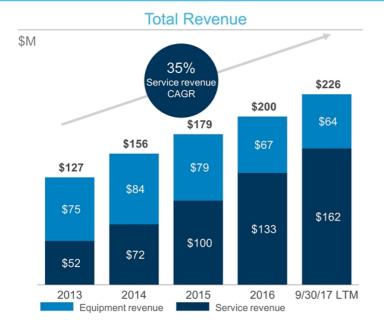
#### **Connected Broadband Aircraft**

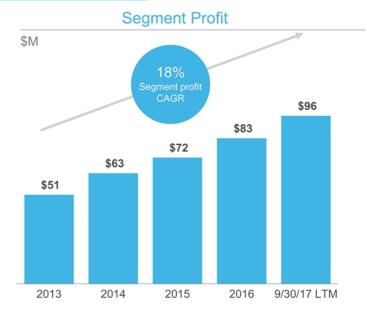


Competitor information based on management estimates

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# ...with strong growth profile





©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# Market leader with room to grow

#### Large Jets



#### Medium Jets



#### Light Jets



#### Turboprops



Uncommitted aircraft	3,900	2,200	5,800	8,400
Rest of World addressable market	~2,700			
Committed aircraft	65%	40%	15%	<5%
North American addressable market	3,300	3,700	6,800	8,800

Note: numbers provided are approximate Source: JetNet iQ Report Q3 2017 all figures are approximate ©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# Rapidly penetrating the largest segments of Business Aircraft

Light Jets

Unconnected Aircraft

Gogo Aircraft Online Two year CAGR

5,800+

8,400+

20%

40%+

 Strong growth in light jets and turboprops

• Deploying the only solutions suitable for smaller aircraft

 Smaller aircraft adopting higher bandwidth solutions and subscription plans



Turboprops

Note: CAGRs calculated from 9/30/15 to 9/30/17

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# Business Aviation positioned for strong continued growth

- · Relationships built on 25 years of reliable service
- Leading air-to-ground solutions that are about to get even faster in 2018
- Introducing a 25Mbps satellite solution in 2018
- Smaller aircraft accelerating connectivity adoption
- · Connectivity and in-cabin advancements lead to upgrade cycles

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# Charting the Path to Profitability

Barry Rowan, EVP & CFO



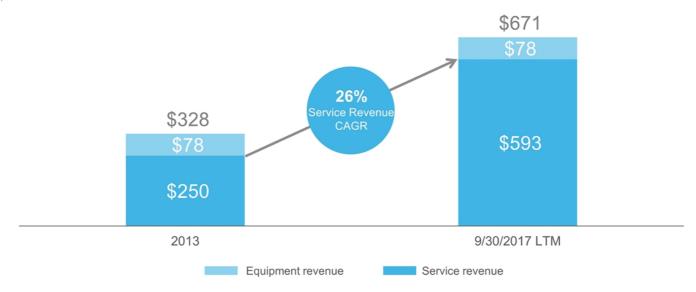
#### Charting the path to profitability

- 1 Strong track record of financial performance
- 2 Business aviation represents significant shareholder value
- 3 Commercial aviation unit economics demonstrate attractive returns on capital
- 4 CA-ROW is on track to reach profitability
- 5 Levers in place to achieve positive Free Cash Flow
  - Positive free cash flow in 2019, reaffirmed
  - Positive free cash flow for full year 2020

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# Gogo has delivered compelling revenue growth

Total Revenue \$M



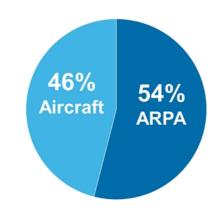
©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

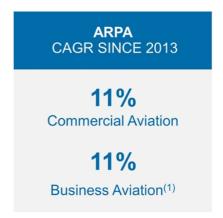
## Aircraft and ARPA drive revenue growth

#### Source of Incremental Service Revenue

(2013 - LTM 9/30/2017)

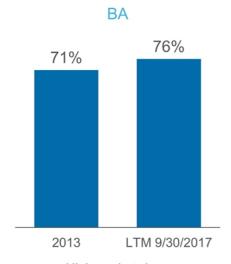






<sup>(1)</sup> Represents BA – ATG units online.©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

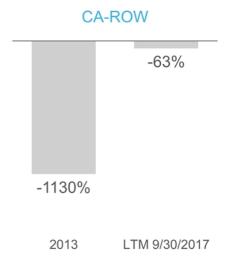
# Attractive service margin progression across all business segments...



- High market share
- Attractive margins



- High market share
- Leveraging scale



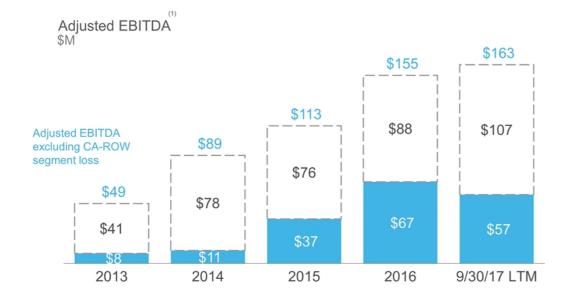
- Building global market share
- Improving satellite network utilization

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## ...results in strong consolidated performance



CA-ROW Segment Loss



- Profitability of BA and CA-NA results in strong consolidated performance
- Investing in attractive ROW opportunity

Note: Minor differences exist due to rounding 1 Please see reconciliation of Adjusted EBITDA in appendix ©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Charting the path to profitability

- 1 Strong track record of financial performance
- 2 Business aviation represents significant shareholder value
- 3 Commercial aviation unit economics demonstrate attractive returns on capital
- 4 CA-ROW is on track to reach profitability
- 5 Levers in place to achieve positive Free Cash Flow

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# BA delivers strong financial results...

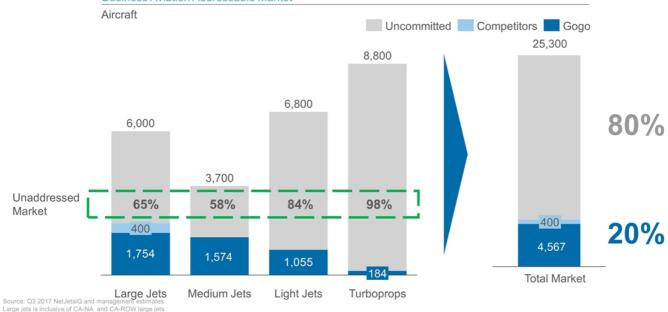




©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# ...with substantial room to grow

#### **Business Aviation Addressable Market**



©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# Significant value created by BA business

	Aircraft Online 9/30/17	Revenue (\$M)	Service Revenue Growth	Segment Profit (\$M)	
Business Aviation	4,567	\$226	29%	\$96	
CA-NA	2,817	\$397	12%	\$68	
CA-ROW	352	\$48	111%	(\$107)	

Note:

Service revenue growth rate calculated using 9/30/2017 LTM compared to 9/30/2016 LTI

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Significant value created by BA business

	Aircraft Online 9/30/17	Revenue (\$M)	Service Revenue Growth	Segment Profit (\$M)
Business Aviation	4,567	\$226	29%	\$96
CA-NA	2,817	\$397	12%	\$68
CA-ROW	352	\$48	111%	(\$107)

Enterprise Value (\$M)	Amount
Market Capitalization	843
+ Net Debt	641
Gogo Enterprise Value	1,484

Note:

Enterprise value is the market capitalization as of 11/10/17 less cash, cash equivalents and short-term investments plus total debt as of 9/30/201

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Charting the path to profitability

- 1 Strong track record of financial performance
- 2 Business aviation represents significant shareholder value
- 3 Commercial aviation unit economics demonstrate attractive returns on capital
- 4 CA-ROW is on track to reach profitability
- 5 Levers in place to achieve positive Free Cash Flow

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Attractive economics across all aircraft types

### Gogo (as of Q3 2017)

Aircraft Type	Network	Aircraft Online	Annualized ARPA <sup>1</sup>	Airborne Equipment	NPV
Business Jets	ATG	4,567	\$34K	Profit	\$
Regional Jets	ATG	1,068	\$64K	Breakeven	\$\$
Mainline - NA	ATG/Satellite	1,749	\$174K	Co-investment	\$\$\$
ROW	Satellite	352	\$226K	Co-investment	\$\$\$

<sup>1</sup> ARPA is based upon equivalent aircraft online BA excludes satellite aircraft ©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Unit economics are strong

## Today Co-investment \$240K ARPA \$181K Service Revenue Margins 48%

Note:
ARPA is calculated using the weighted aircraft online for Mainline – NA and ROW aircraft and the respective annualized ARPAs at 9/30/2017 Represents combined CA-NA and CA-ROW segment service revenue margins YTD through 9/30/2017.
©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Unit economics are strong

	Today	Future	Drivers
1 Co-investment	\$240K	•	<ul> <li>Reflects terms of aircraft awarded but not yet installed</li> <li>Reducing airborne equipment and installation costs</li> </ul>
2 ARPA	\$181K		<ul><li>Engaging more of the plane</li><li>Expanding service offering</li></ul>
Service Revenue Margins	48%		<ul><li>Increasing network utilization (additional aircraft)</li><li>Falling cost of raw bandwidth</li></ul>

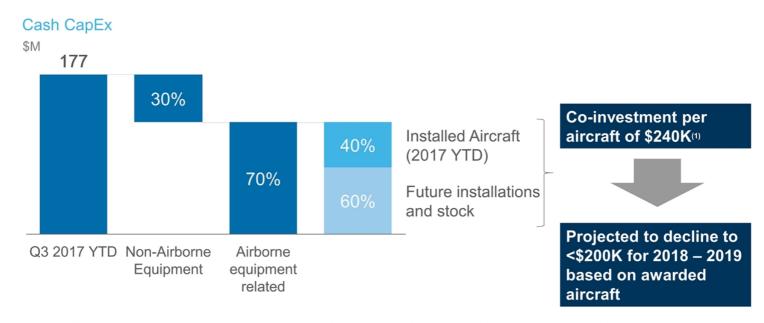
### Today's unit economics deliver attractive returns...and improving

Note:

ARPA is calculated using the weighted aircraft online for Mainline – NA and ROW aircraft and the respective annualized ARPAs at 9/30/20 Represents combined CA-NA and CA-ROW segment service revenue margins YTD through 9/30/2017.

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Co-investment: declining per 2Ku aircraft



Note percentages above are based on YTD cash capex spend as of Q3 2017 and could vary period to period based on timing of purchases of airborne equipment and timing of payments by airlines for airborne equipment 1) Average co-investment per aircrafts calculated as cash capex related to 2Ku installs in the period based on turnkey model.

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

### ARPA growth on-track

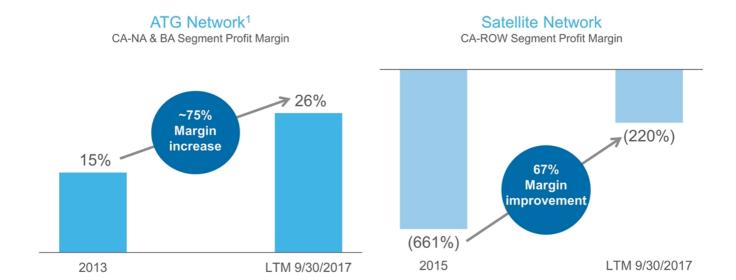
CA-NA ARPA
CA-ROW ARPA

\$K



©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Margin: scaling across both networks



<sup>1</sup> Illustrative ATG profit margin represented by CA-NA and BA historical segment profit margins. Results predominantly representative of aircraft on the ATG network. CA-NA includes satellite equipped commercial aircraft beginning in 2015 and satellite equipped business aircraft for the entire period.

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

### Margin: Scale drives network economics

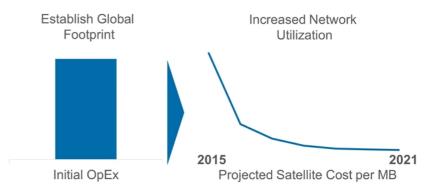
#### **ATG Network Costs**

Establish North American Footprint



- Smaller number of aircraft share large upfront cost initially
- · ATG has achieved profitability at current scale

#### Satellite Network Costs



- Smaller number of aircraft share large upfront cost initially
- Installation of awarded aircraft and aircraft wins drive margin expansion
- · Additional capacity is success-based
- · Raw bandwidth cost expected to continue to decline

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Charting the path to profitability

- 1 Strong track record of financial performance
- 2 Business aviation represents significant shareholder value
- 3 Commercial aviation unit economics demonstrate attractive returns on capital
- 4 CA-ROW is on track to reach profitability
- 5 Levers in place to achieve positive Free Cash Flow

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# Significant ARPA differential for existing and new CA-ROW aircraft

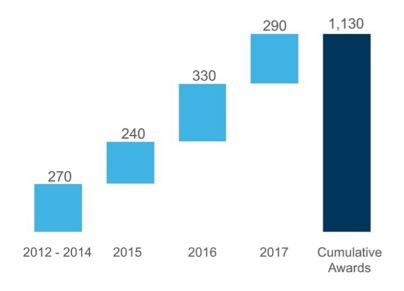
	3Q 20	3Q 2014	
	Aircraft <sup>1</sup>	ARPA	ARPA
Existing aircraft	214	\$282K	\$69K
New aircraft	81	\$76K	N/A
Total	295	\$226K	\$69K

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

<sup>1</sup> Aircraft equivalents as of 9/30/17.

## Aircraft Online drive profitability: Strong record of success

#### **CA-ROW Aircraft Awards**



- ~280 awards per year (2015 2017)
- 1,130 Total CA-ROW aircraft awards
- OEM Production Line Fit expands available market
- Demonstrated capacity for 750 aircraft installations per year

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## CA-ROW on path to profitability



#### **Profitability Levers**

#### Aircraft

Current awards triple aircraft online

#### **ARPA**

- Strong current annualized ARPA (\$226K)
- Tenured aircraft offset dilution from new fleet Margin
  - High incremental margin from additional aircraft

#### **Financial Implications**

- 2017 expected to be peak investment year
- Current awards sufficient to achieve positive segment profit

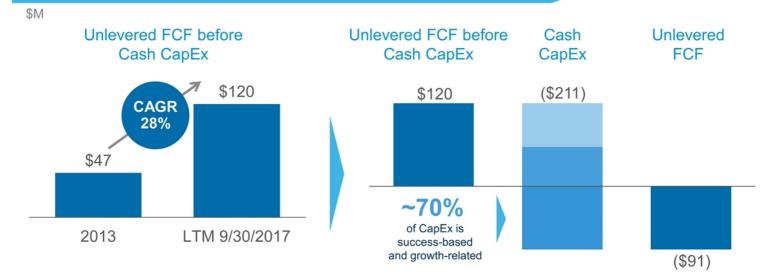
©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Charting the path to profitability

- 1 Strong track record of financial performance
- 2 Business aviation represents significant shareholder value
- 3 Commercial aviation unit economics demonstrate attractive returns on capital
- 4 CA-ROW is on track to reach profitability
- 5 Levers in place to achieve positive Free Cash Flow

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

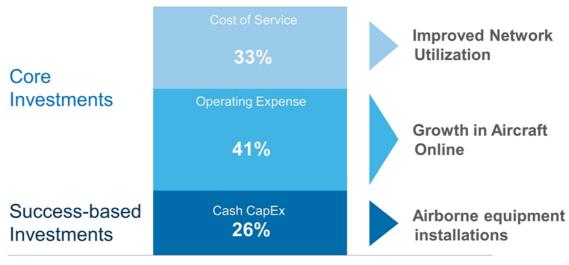
## FCF progress obscured by success-based investment



Note: Unlevered Free Cash Flow before Cash Capex is defined as cash flow from operations excluding interest expense. Please see reconciliation of Unlevered Free Cash Flow before Cash Capex in the appendix ©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Well positioned to leverage core investments

#### Cash Opex and Capex Composition



LTM 9/30/2017

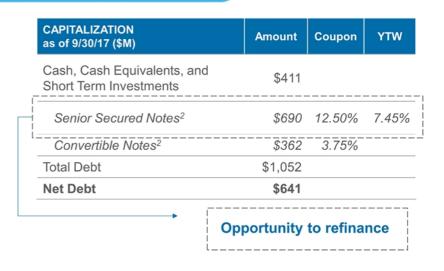
Note: Cash Opex is total operating expenses excluding depreciation and amortization. ©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Balance sheet improves through operational execution and refinancing opportunity

## Natural deleveraging through operational execution



 <sup>1</sup> Please see reconciliation of Adjusted EBLIDA in appendix.
 2. Senior secured notes and convertible notes balance is shown at par, YTW as of 11/3/2017
 ©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.



## Path to Free Cash Flow

Revenue growth driven by AOL and ARPA

Increased utilization of global satellite network

Scale drives operating leverage

Reduce interest expense through potential refinancing

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# Let's go FARTHER



## Appendix

# Gogo installed and awarded aircraft as of 9/30/2017

Aircraft Online	CA-NA	CA-ROW	Total
ATG Aircraft Online	828	-	828
ATG-4 Aircraft Online	1,749	-	1,749
Ku Aircraft Online	-	261	261
2Ku Aircraft Online	240	91	331
Total Aircraft Online	2,817	352	3,169

2Ku Aircraft Installed & Awarded But Not Yet Installed <sup>1</sup>	CA-NA	CA-ROW	Total
2Ku aircraft installed	245	95	340
2Ku aircraft awarded but not yet installed, aircraft conversions	800	-	800
2Ku aircraft awarded but not yet installed, new aircraft	100	780	880
Total 2Ku aircraft installed and awarded not yet installed	1,145	875	2,000+

<sup>1</sup> Aircraft online and 2Ku aircraft installed figures are as of 9/30/2017. 2Ku awarded but not yet installed, new aircraft are current as of 11/17/2017. Awarded but not yet installed figures are approximate

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

Note: On May 27, 2016, we entered into a letter agreement with American Airlines whereby American exercised its option to terminate its agreement with Gogo on approximately 550 Gogo-installed mainline aircraft and we currently expect such aircraft to be deinstalled or retired over the next several years.

## Adjusted EBITDA reconciliation (\$MM)

	2013	2014	2015	2016	<b>2016</b> Q4	<b>2017</b> Q1	<b>2017</b> Q2	<b>2017</b> Q3
GAAP Net Income	(146)	(85)	(108)	(125)	(27)	(41)	(44)	(45)
Income Tax Provision	1	1	1	1	0	0	0	0
Interest Income	(0)	(0)	(0)	(2)	(1)	(1)	(1)	(1)
Interest Expense	29	33	59	84	25	27	27	28
Depreciation & Amortization	56	64	87	106	30	30	31	36
EBITDA	(60)	14	39	64	27	16	13	18
Fair Value Derivative Adjustments	36	-	-	-	-	-	-	-
Class A and Class B Senior Convertible Preferred Stock Return	29	-	-	-	-	-	-	-
Accretion of Preferred Stock	5	-	-	-	-	-	- 1	-
Stock-based Compensation Expense	6	10	15	18	5	4	5	5
Amortization of Deferred Airborne Lease Incentives	(8)	(13)	(20)	(30)	(9)	(9)	(9)	(10)
Loss on Extinguishment of Debt	-	-	-	15	-	-	-	-
Adjustment of Deferred Financing Costs	-	- 1	2	(1)	-	-	-	-
Adjusted EBITDA	8	11	37	67	23	11	10	13

Note: Minor differences exist due to rounding

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

## Cash CapEx reconciliation (\$MM)

	2013	2014	2015	2016	<b>2016</b> Q4	<b>2017</b> Q1	<b>2017</b> Q2	<b>2017</b> Q3
Purchases of Property and Equipment	(105)	(132)	(135)	(148)	(41)	(64)	(65)	(62)
Acquisition of Intangible Assets (Capitalized Software)	(16)	(17)	(18)	(29)	(7)	(8)	(9)	(7)
GAAP Consolidated Capital Expenditures	(121)	(150)	(153)	(177)	(48)	(72)	(74)	(68)
Change in Deferred Airborne Lease Incentives	9	30	37	15	6	4	-	5
Amortization of Deferred Airborne Lease Incentives	8	13	20	29	9	9	9	10
Landlord Incentives	-	10	16	-	-	-	-	-
Cash CapEx	(104)	(98)	(80)	(133)	(34)	(59)	(66)	(53)

Note: Minor differences exist due to rounding

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.

# Unlevered Free Cash Flow before Cash CapEx reconciliation (\$MM)

	2013	<b>2016</b> Q4	<b>2017</b> Q1	<b>2017</b> Q2	<b>2017</b> Q3
Net cash provided by operating activities	18	20	(14)	16	(7)
Interest income	(0)	(1)	(1)	(1)	(1)
Interest expense	29	25	27	27	28
Unlevered Free Cash Flow before Cash CapEx	47	44	12	43	20

Note: Minor differences exist due to rounding

©2017 Gogo Inc. and Affiliates. Proprietary & Confidential.