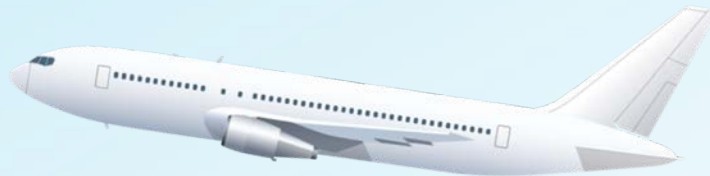
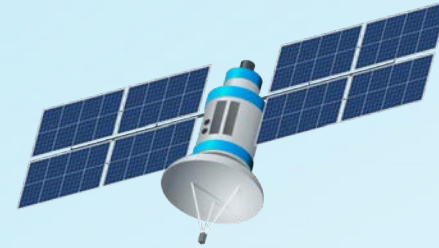


Connected Aircraft KPIs- Cobham's view



Andy Beers
Global Sales Director,
Airborne SATCOM

Connecting the 4 A's

Airports | Airlines | ATM | Aircraft



Connecting the 4 A's

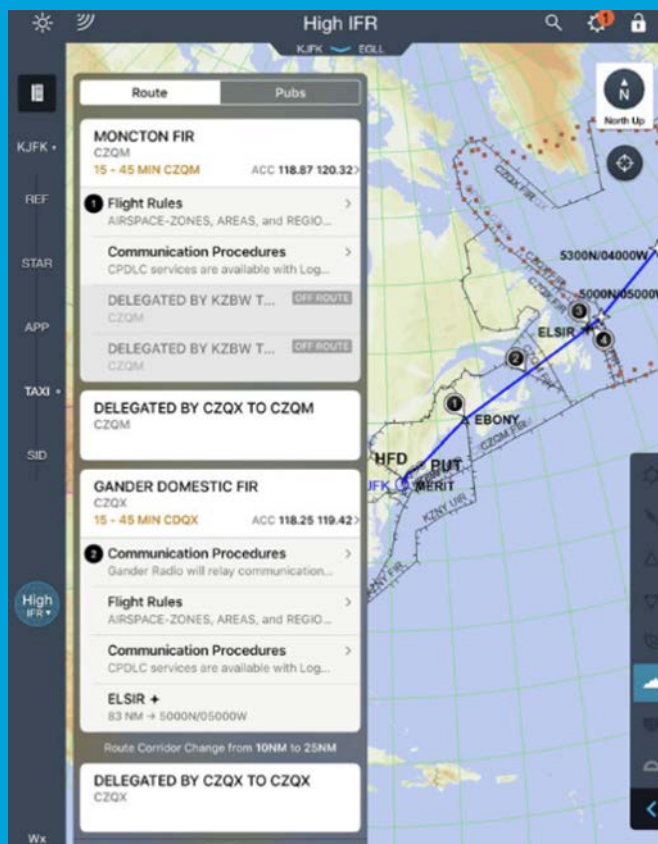
COBHAM

1st Generation of Connectivity

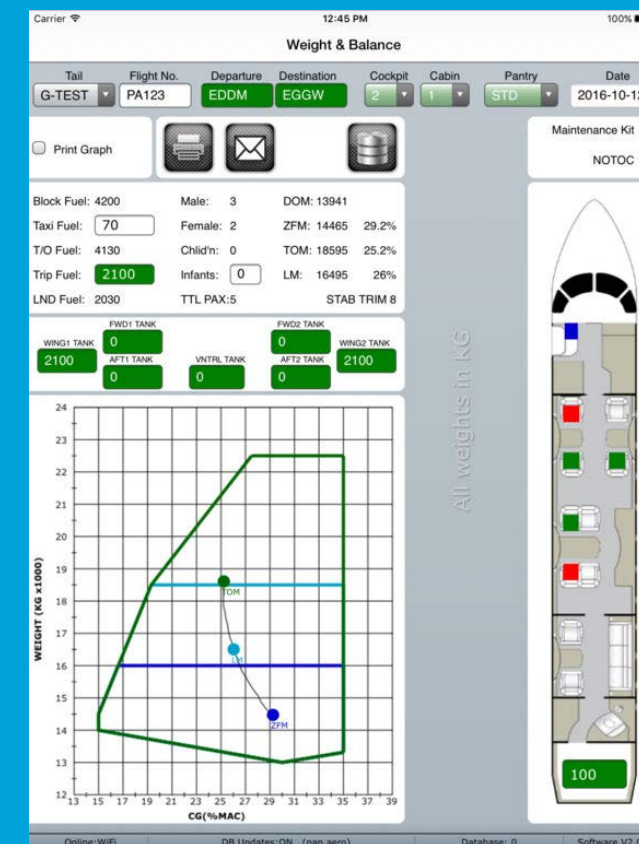


Connecting the 4 A's

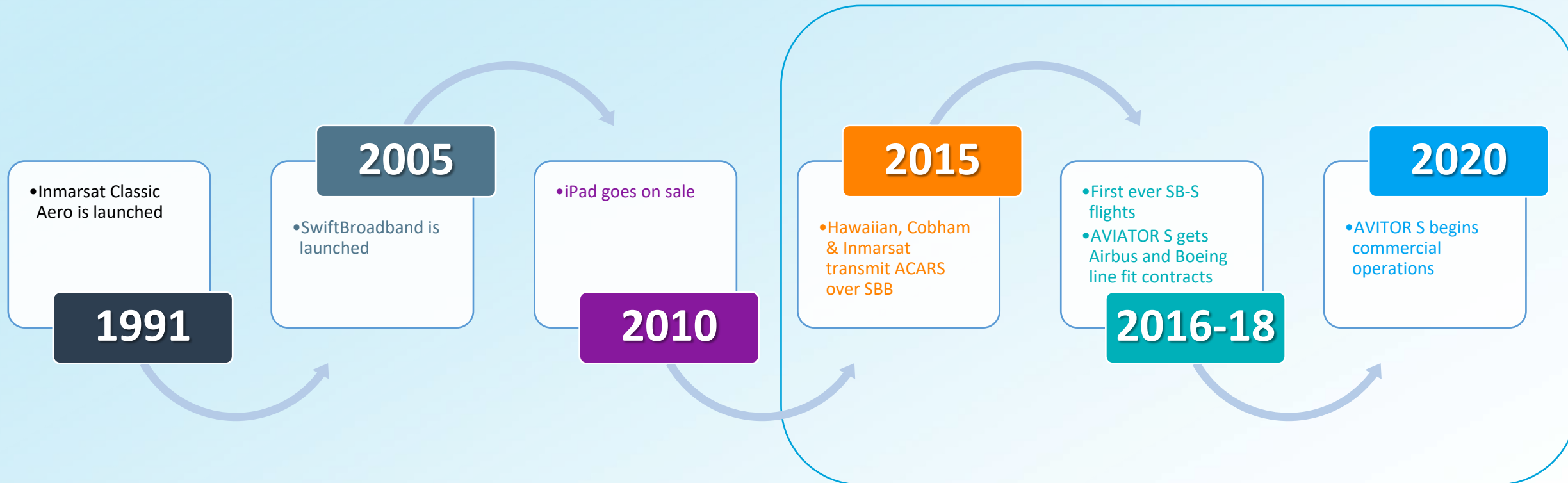
2nd Generation of Connectivity



HOME	TECHNICAL LOG BOOK				NEW DEFECT
EFF	2 HOLD ITEM(S) for TCSNL aircraft				DEFECT DETAIL
WEIGHT & BALANCE	TCSNL				MAINT SUPPLY
	HOLD ITEMS				
TAKEOFF	Description	CAT	Action Date	Expired Date	
LANDING	APU U/S	C	19.04.2012 12:04:19	10 day and 9 hour	
LIBRARY	LOWER DU U/S	C	19.04.2012 11:59:32	10 day and 9 hour	
CHARTS					
CDSS					
TECHNICAL LOG					
FLIGHT LOG					



3rd Generation of Connectivity is here



Connecting the 4 A's

COBHAM

Building blocks of connectivity





Aircraft



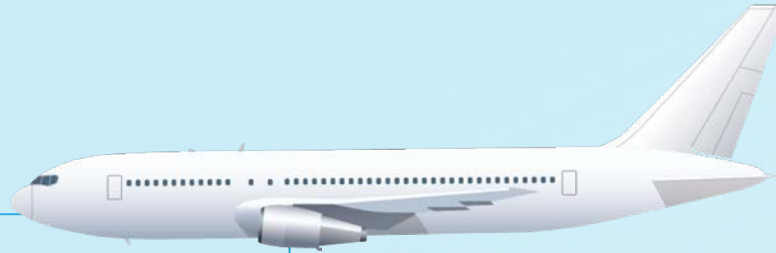
Thanks to Cobham's
AVIATOR S satcom solution
we now benefit from vastly
improved communications
– both with Air Traffic
Control as well as our
Airline Operations Centre.



Connecting the 4 A's

COBHAM

Airline



Thanks to real-time weather updates, we can avoid turbulence. Being a 'connected airline' means we can run more efficiently and effectively than before, and offer an overall better and smoother customer experience at reduced costs.



Airport

Real-time data exchanges between the airline and the airport gives us more precise information about incoming and outgoing aircraft, passengers and manifests, especially during times of disrupted operations.

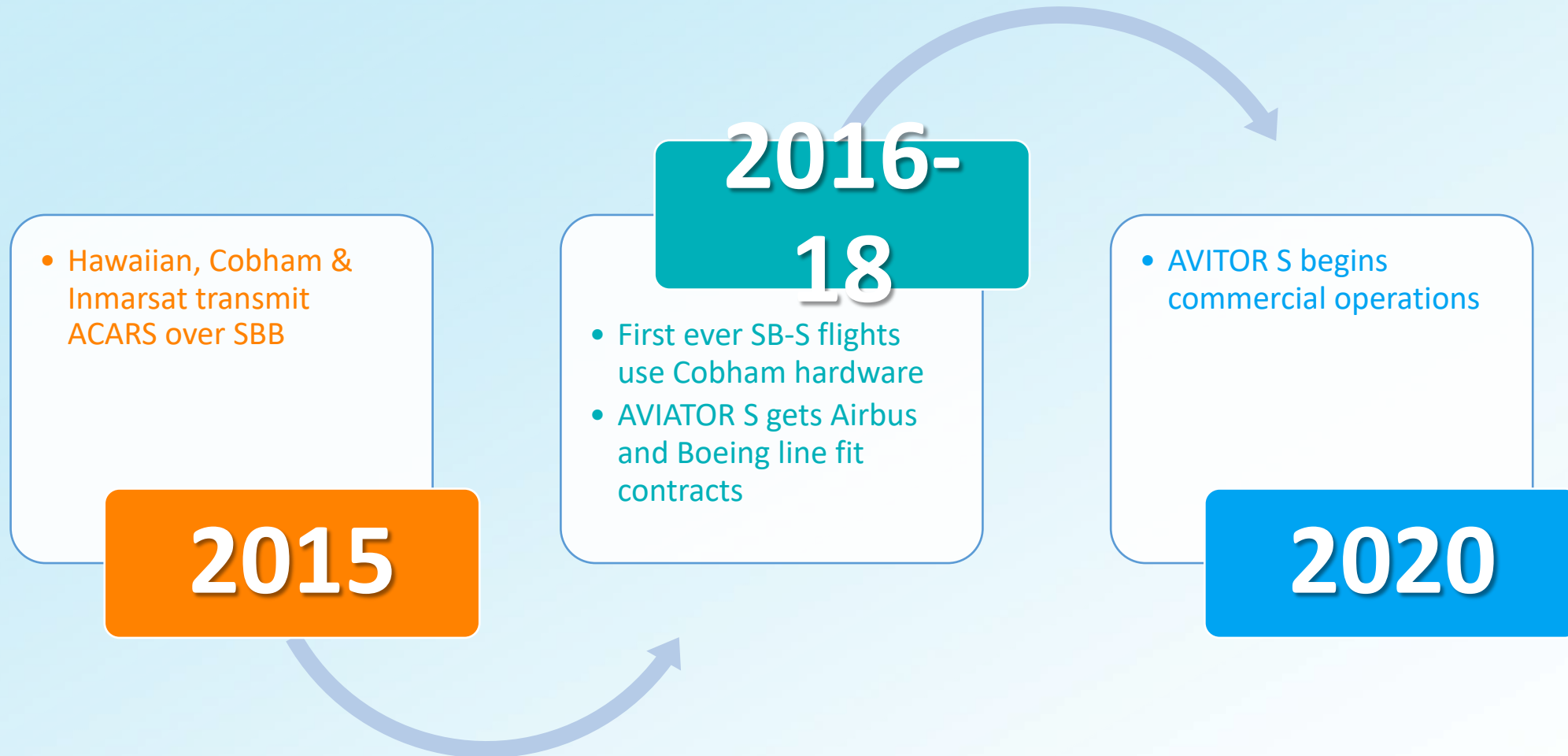


Air Traffic Management

The Cobham **AVIATOR S** allows us to implement the next generation of Air Traffic Management that will allow us, despite significant increases in air traffic volume, to continue to deliver an optimum service.

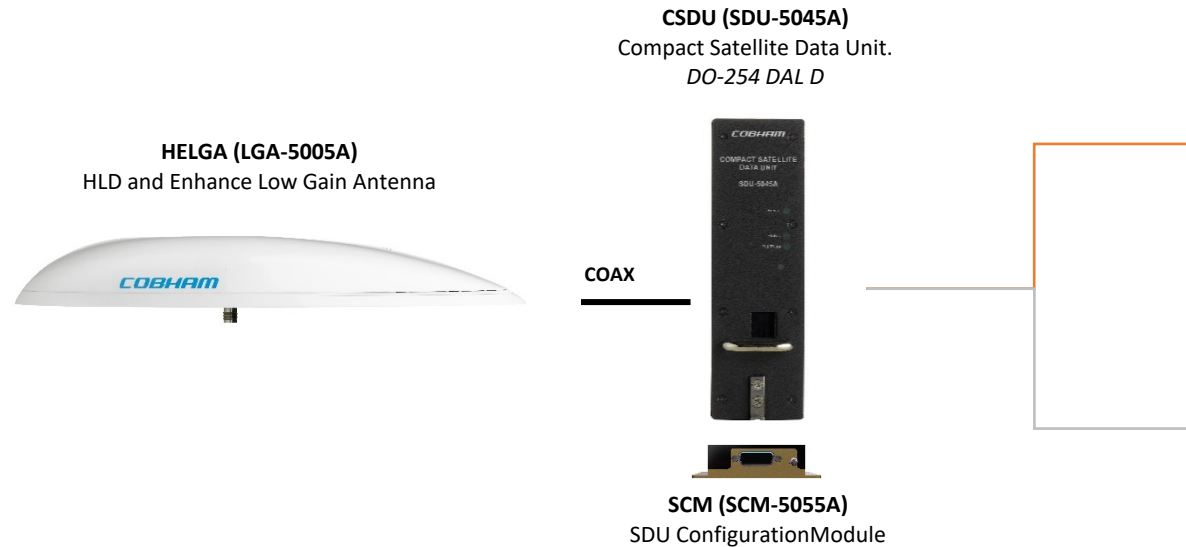


Live, flying, proven – SB-S is here today





AVIATOR 200S Architecture



Priority

- ACARS
- CPDLC
- ADS-C
- Multiple voice channels
- ATSU integration
- Background IP Data
- EFB
- Apps
- Flight data
- E-ops FOMAX integration

- ✓ Meets ICAO Satellite Voice Guidance Material (SVGGM)
- ✓ Meets/exceeds ICAO GOLD standards (RSP 180, RCP 240)
- ✓ Follows requirements of ARINC 781, especially Attachments 7 & 8
- ✓ Compliant to CAAC voice communications connection within 4 mn requirement.



AVIATOR 200S Architecture

Smaller size – lower cost

- Antenna has 50% less drag than existing Cobham Intermediate Gain Antenna (20 N)
- World's **smallest Inmarsat SB-S** solution -
- Total system weighs just 6kg
- Low power consumption
- Single cable reduces weight and speeds up installation

Highly secure, separate domains

- Hardware and software **segregation between Aircraft Control Domain and Aircraft Information Service Domain*** (DO-254 DAL D certified)
- Compliant with advanced aviation cybersecurity protocols

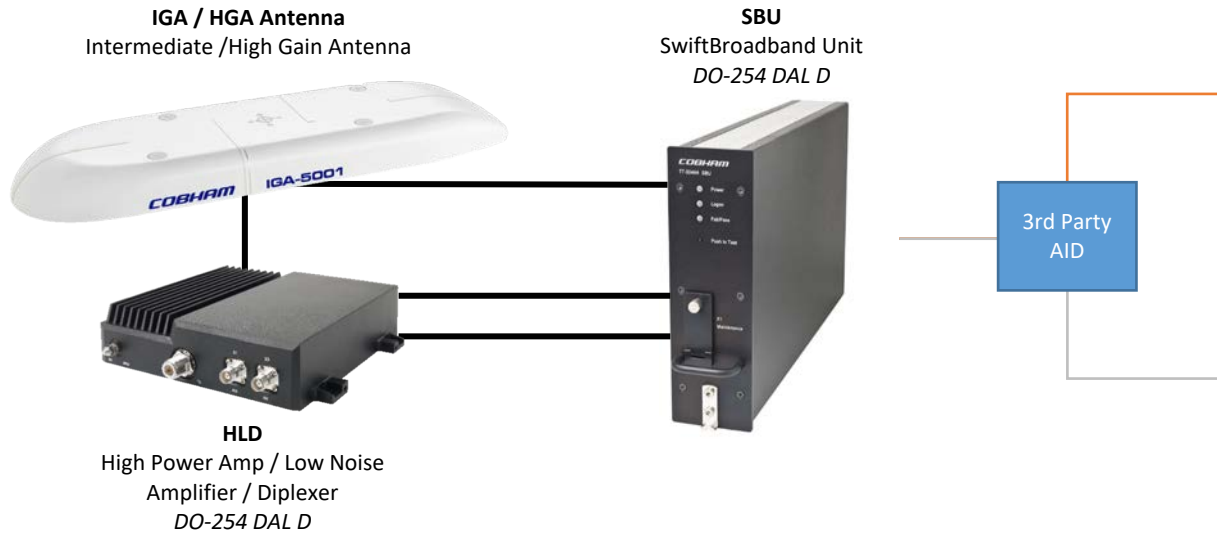


Connecting the 4 A's



COBHAM

AVIATOR 300D / 350D



Priority

- ACARS
- CPDLC
- ADS-C
- Multiple voice channels

- Background IP Data
- EFB
- Apps
- Flight data
- E-ops integration

- ✓ Meets ICAO Satellite Voice Guidance Material (SVGM)
- ✓ Meets/exceeds ICAO GOLD standards (RSP 180, RCP 240)
- ✓ Compliant to CAAC voice communications connection within 4 mn requirement.



Questions?

Andy Beers

Global Sales Director, Airborne SATCOM

C: +1 (757) 339 8330

andy.beers@cobham.com

Lets connect!

Brian Jasen Anderson

Air Transport Sales Manager, Americas

C: +1 (757) 289 5187

brian.anderson@cobham.com



COBHAM.COM/AVIATOR-S