

## 2000 Bombardier Global EXP S/n 9016 Reg: G-GOYA

Refurbished 2008



## AIRCRAFT SPECIFICATIONS

**2000 BOMBARDIER GLOBAL EXPRESS S/n 9016 on The UK register G-GOYA**

## MAIN FEATURES

### Model S/N Hours Cycles

**Airframe** Global Express 9016

**Hours** 5,660 **Cycles** 2,052

**#1 Engine** BR700-710A2-20 12133 H:5,656 C:2,049

**#2 Engine** BR700-710A2-20 12134 H:5,660 C:2,052

**APU** RE-220 P-113 5,217 2,049

## AIRCRAFT HIGHLIGHTS

Manufacturing centre: Montreal (Canada)

Completion centre: Tucson (AZ, USA)

Completion date: June 1st, 2000

Entry into service: June 1st, 2000

Location: Farnborough London, UK



## CERTIFICATION

Aircraft fully compliant:

- EU-OPS1,
- Part 21, and
- Eurocontrol.

### **OPERATIONAL HISTORY**

The aircraft has been operated by:

- TAG Aviation UK (EC-KVU): from 06/11/2008 onward
- Wells Fargo (N309ES): from 21/12/2007 to 06/11/2008
- Earth Star (N300ES): from 06/09/2005 to 21/12/2007
- SkyJet Aviation Inc. (N16GX): from 01/06/2000 to 06/09/2005

Refurbished in November 2008 at Jet Aviation Basel. The twelve (12) passenger interior was completed with a four (4) place club arrangement in the forward cabin, a two (2) place club opposite of a four (4) place conference/dinning group in the mid cabin and a pair of three (3) place (2 place certified) divans in the aft cabin. The galley is located on the right-hand side of the forward cabin. There is an aft lav serving the main cabin, and an accompanying forward crew lav and crew rest.



### **OPERATIONAL SAFETY**

Aircraft not involved in operational incidents or major repairs.

### **CONTINUING AIRWORTHINESS ORGANIZATION**

TAG Aviation UK ES.MG.070 Continuing Airworthiness Management Organization, with CAMO+ privileges, in charge of the aircraft, under EASA Part-M regulation. CAMP

Maintenance Programme  
Management enrolled.

### MAINTENANCE ORGANIZATIONS

Line maintenance has been carried out by TAG Aviation ES.145.168. Base maintenance carried out by TAG Farnborough Engineering UK.145.00443 and Jet Aviation Basel CH.145.0232.

### SCHEDULED MAINTENANCE STATUS

Packages next due are as follows:

Check 1A: 21/07/2012 or 4,046 FH, whichever comes first.

Check 2A: 4,525 FH,

Check 3A: 4,310 FH,

Check 6A: 5,810 FH,

Check 9A: 4,500 FH,

Check 1C: 31/07/2012.

Check 2C: 30/10/2013,

- Check 4C: 31/10/2013,

- Check 8C: 31/10/2018,

- Check 12C: 15/02/2014,

- Check 16C: 15/02/2019,

- Landing Gear Overhaul complied with in October 2008,

- Engines are considered On-Condition, with periodic Trend Monitoring.

### CABIN INTERNAL DIMENSIONS

- Cabin Length (from start of forward lavatory to end of pressurized compartment): 48.35 ft (14.7m).

- Cabin Width (centerline): 8.17 ft (2.49 m).

- Cabin Width (floorline): 6.92 ft (2.11 m).

- Cabin Height: 6.25 ft (1.91 m).

- Floor area (excluding cockpit): 335 ft<sup>2</sup> (31.1 m<sup>2</sup>).

- Cabin Volume (from start of forward lavatory to end of pressurized compartment): 2,140 ft<sup>3</sup> (60.6 m<sup>3</sup>).

### FLOORPLAN

Cabin layout arrangement for 12 passengers:

- Four executive single seats in a club configuration in Forward Cabin,

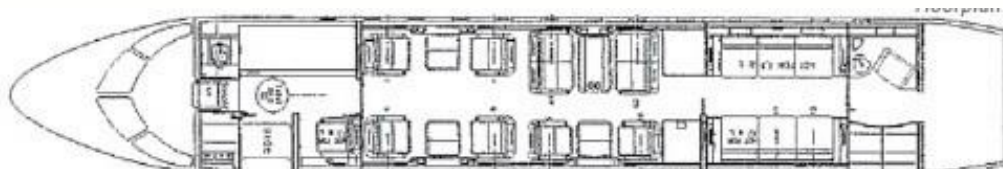
- Four seats in a conference group in Mid Cabin,

- Two single seats in a club configuration in Mid Cabin,

- Two three-place divan in Aft Cabin, with two seats 16G certified,

- One crew rest in LH side, and

- One galley in RH side.



## **WEIGHTS**

Weight & Balance performed at Jet Aviation Basel on October 10th, 2008. Next Weight & Balance due on October 2012.

- Max Ramp Weight: 98,250 lbs
- Take Off Weight: 98,000 lbs
- Landing Weight: 78,600 lbs
- Max Zero Fuel Weight: 56,000 lbs
- Basic Empty Weight: 50,445 lbs
- Max Fuel Weight (usable): 44,975 lbs
- Payload with Full Fuel: 2,075 lbs
- Max Payload: 4,800 lbs

## **PERFORMANCE**

- Maximum Range: 6,150 nm
- Normal Range: 5,450 nm
- Certified Ceiling: 51,000 ft
- Service Ceiling: 42,000 ft
- Maximum Cruise Speed: 513 kt
- Normal Cruise Speed: 500 kt
- Normal Cruise Speed (Long Range): 488 kt
- Climb Rate All Engines: 3,450 fpm
- Takeoff Distance: 6,190 ft
- Landing Distance: 2,670 ft
- Maximum endurance: 11 hours

## **AVIONICS**

- Honeywell Primus 2000 6-Tube
- Triple IC-800 Integrated Avionics Computers
- Triple NZ-2000 FMS
- DL-950 Data Loader
- Triple Primus II Nav/Com w/ 25KHz or 8.33 KHZ spacing
- RCZ-835 Standby Comm with Observer Audio Panel
- EGPWS Honeywell Mk V
- Artex B406-4 ELT 406 MHz
- Primus WU-880 Weather Radar
- ACSS TCAS RT-950 with Change 7
- Mode 'S' Diversity Transponder RCZ-833K
- Dual Collins ALT-4000 Radio Altimeter
- Dual Collins HF-9031A HF Comm
- Honeywell SSCVR Cockpit Voice Recorder
- Honeywell SSFDR Flight Data Recorder
- Dual Honeywell HG2021GD02 Global Positioning System
- Honeywell SD-600 SATCOM System
- Triple Honeywell HG2001AC20 Inertial Reference Unit

- Quad Honeywell DA-810 Data Acquisition Unit
- Integrated Electronic Stand-By Instrument Thales H321
- Dual Automatic Flight Control System (AFCS)
- Dual Full Flight Regime Auto Throttle
- Single Allied Signal EGPWS Ground Proximity w/ Wind Shear

#### **ADDITIONAL FEATURES**

- Securaplane Emergency Lighting System 24 Volt DC
- Securaplane Camera Systems Installation
- CMC Electronics CMA-1100 Clash II Electronic Flight Bags
- EMS Technologies Cabin Network Xcelerator Unit
- Honeywell High Power Amplifier / High Speed Data Terminal
- EMS Router WLAN capable
- Four RJ45 Ethernet Ports for passenger laptops
- RUAG Micro QAR with Flash Card Loader
- Ashtray in the inside of each lavatory to comply with JAR25.853(e)
- Nine Electrical Outlets adjacent to the passenger seats protected by a Ground Fault Interrupter and by Circuit Breaker protection to comply with JAA TGM/25/10
- Life Rafts with triple frequency to comply with EU-OPS 1
- Stick Pusher Cancel Function (SB 700-27-025)
- Integrated Avionics Computers modified per SB 700-31-009 to comply with JAR25.729(e)(4)(5)
- Two Audio International 20.1" LCD monitor at RH FWD and LH AFT cabin bulkheads
- Two cordless phones
- Two Astrotech LC-60 Flight Crew Clocks
- Installation of Multi-Function Ladder
- Cabin Management and Audio/Video System
- DVD and CD player, mp3 readable
- Avtech CSD-714 SELCAL System
- Airshow Cabin Video System
- Passenger Address System
- Common Keyed Locks
- Aft Equipment Access Ladder
- Cabin Humidifier System
- Central Aircraft Information Maintenance System (CAIMS)
- Airstair Aft Handrail Extension
- Conference Hi-Lo Table
- Passenger headphone distribution
- Function control switch panels at every passenger location
- Four plug-in video monitors
- High quality cabin speaker arrangement
- Crew rest area with single executive seat
- Cockpit and Jump-seat flashlights

### **EMERGENCY EQUIPMENT**

- Three (3) Smoke Goggles
- Two (2) Protective Breathing Equipment
- One (1) Crash axe
- One (1) JAR-OPS 1 first aid kit
- Two (2) Cockpit Flashlights (one behind pilot and co-pilot)
- One (1) Crew Rest Flashlight
- Three (3) fire extinguishers (one in the cockpit, one in the galley and one in the Aft toilet)
- Life Vests located in every Seat
- One (1) Portable Oxygen Bottle
- Two (2) Therapeutic Oxygen Outlets

### **INTERIOR EQUIPMENT**

- Refurbishment: Jet Aviation Basel, Switzerland, November 2008.
- New Audio International Touchscreens installed.
- Configuration for 12 Passengers: Four Executive Single Seats, Four Club Chairs, Two Single Seats, Two Side Facing three-place Divan (two seats certified for take-off and landing).
- Re-veneered all cabin wood surfaces including all tables, bulkheads, decopanel, credenzas, doors, etc, with Waterfall & Bubinga.
- Re-painted all interior surfaces of drawers and cabinets throughout the whole aircraft, matching the new Formica. Replaced all carpet on the floor in the main entrance area, galley, crew rest, main cabin aft lavatory and seat bases with Sirocco.
- Replaced the MED curtain with Leather Townsend Butterfinger (outboard) and Fabric Glant Rhumba (inboard).
- Replaced the crew rest area curtain with Fabric Glant Rhumba.
- Renewed galley 2ea china storage drawers with Ultrasuede.
- Re-covered all passenger seats with Edelman Royal Cowhide & Townsend Butterfinger, supplied new seat belts.
- Re-covered Cockpit headliner, all deco-panels and window frames with new ultraleather Chablis.
- Re-covered floor and lower sidewall panels with new carpet Tretford.
- Re-upholstered toilet seat and surroundings with new leather Royal Cowhide.
- Replaced mirror on AFT bulkhead FWD face.
- Re-covered all dado panels with new leather selection Townsend Butterfinger.
- Re-covered headliner, window and valence panels with new ultraleather Chablis.
- Replaced all window shades color Desert Sand.
- Replaced the mid-cabin curtain with Fabric Glant Rhumba, with magnet attachments.
- Re-covered all baggage compartment side walls with new grosspoint material Geneve.
- Re-covered the baggage compartment floor with new carpet Tretford.
- Replaced baggage door flap by new leather material Edelman Tannish.
- Cockpit seats refurbished with foam, leather and sheepskin, supplied new seat belts.
- Gold plated all metal parts, 24k satine.

## MODIFICATIONS

Interior Refurbishment	-	BN9ES00-250001 Rev. IR
GFI and current limiter Installation	-	BN9ES001-245550 Rev. C
Bulkhead Monitors Replacement	-	BN9ES001-252800 Rev. A
Wireless Phone Installations	-	BN9ES001-233400 Rev. B
Exit Signs Installation	-	BN9ES001-113000 Rev. IR
Identification Plate Installation	-	BN9ES002-110000 Rev. IR
Outside Placards Installation	-	BN9ES003-110010 Rev. IR
Touchscreen Installation	-	S21-25-95-1456 Rev 4
Potable Water Tank Modification	ST02554NY ST02679NY	10016544 Rev 4 IM.A.S.02923

## MODIFICATIONS

<b>DESCRIPTION</b>	<b>FAA Approval</b>	<b>EASA Approval</b>
Complete Custom Aircraft Interior	SA8164NM-D	IM.A.S.02336 Rev. 1
Structural Modification with Main Passenger Door Handrail Option	SA8165NM-D	LBA.21NE2.TA0577
Securaplane Emergency Lighting System 24 Volt DC	SA8166NM-D	LBA.21NE2.TA0576
Floor Proximity Emergency Escape Path Markings	ST00941LA	IM.A.S.02912
Installation of GPS clocks (R.3)	SA8188NM-D	LBA.21NE2.TA0737
Modification of Seating Limitations for Side facing divans limitations	ST01432NY C-LSA01-417/D	IM.A.S.02958
Multi function ladder installation	ST01434NY SA01-156	IM.A.S.02706
EFB Installation	ST02186NY	EASA.A.S.02668
WLAN Installation	ST02146NY	IM.A.S.03083
Mini QAR Installation	-	EASA.A.C.01018
Interior Modifications	-	BN9ES001-250000 Rev. C



**EXTERIOR PAINTING SCHEME  
(PARTIALLY REPAINTED NOV. 2008)**

- Sherwin Williams 400 Pantone Gray
- Sherwin Williams 402 Pantone Gray
- Sherwin Williams 405 Pantone Gray
- Sherwin Williams J02289 White
- Sherwin Williams CMO830380 Clear

**OPERATIONAL APPROVALS**

- RVSM
- B-RNAV
- P-RNAV
- MNPS
- RNP-10
- Category II

**DEDICATED ENROLLED PROGRAMS**

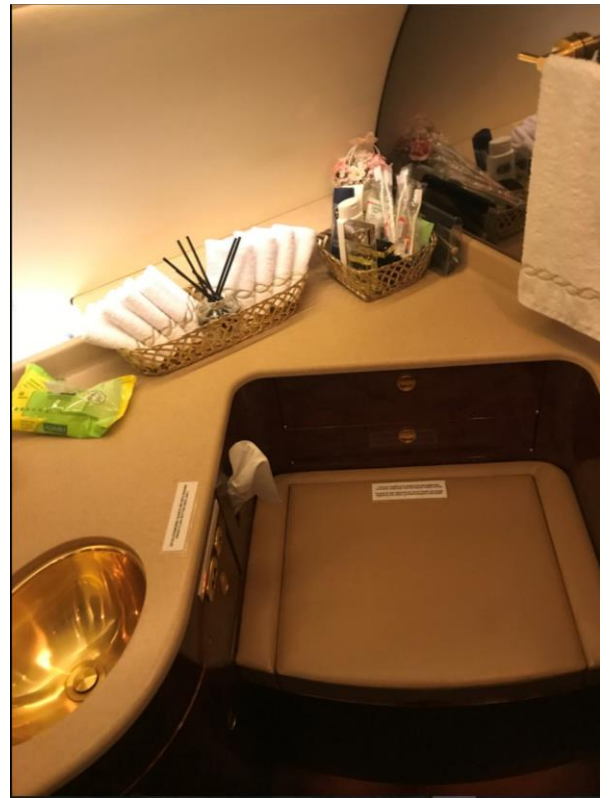
- Airframe Maintenance Program: Smart Parts Plus enrolled, payments up-to-date.
- Engine Maintenance Program: JSSI enrolled, payments up-to-date. Standard pro-rata enrollment
- APU Maintenance Program: JSSI enrolled, payments up-to-date. Standard pro-rata enrollment



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Divan Detail

