

infoservice



INSIDE

<i>Global Maintenance Program Improvements</i>	2
<i>Rudder Lower Seals / Master Minimum Equipment List (MMEL)</i>	2
<i>New FAA MMEL Revision Approved</i>	3
<i>PMAT Web-Based Training Tool</i>	3
<i>Enhanced Surveillance Mode S Transponder – Selected Altitude Anomaly</i>	3
<i>Mode S Enhanced Surveillance (EHS) – Declaration of Compliance to Eurocontrol</i>	4
<i>Emerging Regulation Corner European BRNAV & PRNAV</i>	4
<i>The AASR for Global Series</i>	5
<i>Advisory Wires Issued</i>	5
<i>Service Bulletins Released</i>	6
<i>Aircraft Statistics</i>	8
<i>Upcoming Pubs</i>	11
<i>Global Series Publications Status</i>	12
<i>Global Series CD-ROM Status</i>	18

BOMBARDIER

Brake Control Valve B-Nuts Leakage

Eff.: Global Series Aircraft

By Glen Malcolm – Customer Support Engineering

ATA 32

In 2004, in response to reports of B-nut leakage at either the #2 brake shut-off valve (BSOV) or at the brake control valve (BCV) connections, Service Bulletins (SB) [700-32-015](#) and [700-1A11-32-001](#) were released. These SBs (applicable to aircraft 9002 - 9150) introduced additional clamping at the #2 BSOV and provided a special torque check of the B-nut connections to the BCVs.

Post SB compliance, there were isolated reports of repeated loosening of the B-nuts at the BCV connections.

To address this, aircraft specific engineering was generated for two aircraft, allowing the fabrication and installation of additional brackets and clamps for the hydraulic lines running across the top of the main landing gear (MLG) bay to the BCVs. These brackets and clamps provide additional support, reducing hydraulic line vibration.

After an initial evaluation period involving torque checks of the BCV B-nuts, the Operator of these aircraft is satisfied that these B-nuts are no longer loosening.

If you have had occurrences of the B-nuts backing off at the BCVs connections after torque verification per SB [700-32-015](#) / [700-1A11-32-001](#) (265 +/-15 lbf-in) and you wish to embody this modification on your aircraft, please submit a Service Request for Product Support Action (SRPSA) requesting the aforementioned engineering coverage. ●

In-Flight Engine Shutdown

Eff.: Global Series Aircraft

By Chuck MacKillop – Technical Publications

ATA 76

On at least two reported occasions, Operators experienced inadvertent engine shutdown as a result of the HUD sun visor falling on the throttle quadrant engine run switch. [Revision 1 to AW700-25-0142](#), dated May 2, 2006, advises Operators to ensure the sun visors are kept secure by tightening the adjustment knobs. Service Bulletin (SB) [700-76-002](#), dated Mar 27, 2006, introduces protective guards installed on the throttle quadrant assembly to help prevent loose articles from hitting the engine run switches. Compliance for this recommended SB is six months from issuance.

Throttle switch guards are/will be fitted in production on aircraft 9183 and subs under Modification Summary 700T02155. A total of 205 SB kits have been manufactured and 34 have been deployed to date. Operators are encouraged to order this no cost kit as soon as possible in order to meet the 6-month compliance requirement by September 2006. ●



Global Maintenance Program Improvements

Eff.: Global Series Aircraft

By Yves Ferland – Maintenance Program Engineering

We recently obtained approval to change the 1A Check of the Engine Air Turbine Starter (ATS) Oil Servicing to a Discard task. This change was based on data from the starter manufacturer, Honeywell, who stated that oil degradation was contributing to a shorter ATS life. The discard was previously part of the detailed inspection of the starter magnetic chip detector at 2A Check. The Mean Time Between Unscheduled Removal (MTBUR) is expected to increase from 12,000 Hrs to 18,000 Hrs by changing the oil at a shorter interval.

Also approved were the following engine task escalations:

- From 1A to 2A Check: General Visual Inspection of the LP Compressor Case, Detailed Inspection of the LP Compressor Annulus Fillers and General Visual Inspection of the Intake Rotating Fairing.
- From 1A to 6A Check: General Visual Inspection of the LP Compressor Kevlar Wrap.

These changes were published in the latest revision of all Global Series Time Limits/Maintenance Checks Manuals. The Rolls Royce Engine Maintenance Manual (T-710-2BR) will be updated at the next revision, due out in May or early June 2006.

These changes are estimated to provide Global Series Operators savings of approximately \$3.50/Flight hour. ●

Rudder Lower Seals / Master Minimum Equipment List (MMEL)

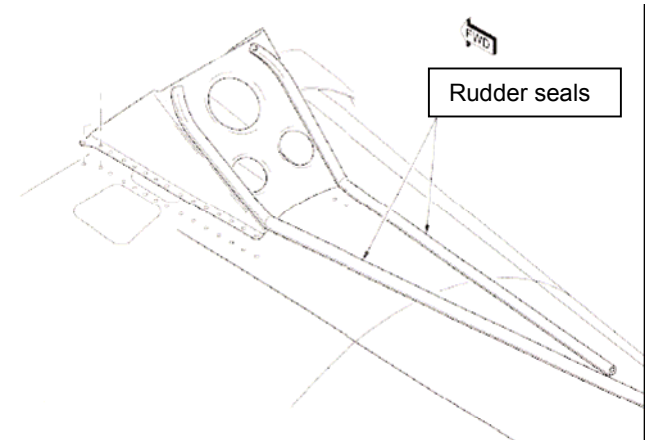
Eff.: Global Series Aircraft

By Harold Lemay – Field Service

ATA 27

Operators have reported several cases of missing or damaged rudder seals, Part Number S4945, which resulted in missed trips and delays. To assist in operations, the Configuration Deviation List (CDL) in the Airplane Flight Manual (AFM) CSP 700-1 (Global Express 96,000 lb), CSP 700-1A (Global Express 98,000 lb) and CSP 700-5000-1 (Global 5000) have been revised. This revision allows flying with one or both rudder seals missing provided the mission fuel requirements are increased by +0.5%.

The information has been incorporated into the AFM Revision 50, dated Apr 17/2006, for the Global Express (96,000 lb and 98,000 lb) and Revision 11, dated Apr 17/2006, for the Global 5000.





New FAA MMEL Revision Approved

Eff.: Global Series Aircraft

By Jimmy Avgoustis – Customer Support Engineering

This newsletter is issued to inform all BD-700/Global Series Operators of the following changes in Revision 6 for the FAA MMEL, now posted in the DRAFT MMEL section of the FAA web site (<http://www.opspecs.com>):

- Limited Enhanced Vision System (EVS) relief is now available. As a result of numerous Customer requests, the FAA's Flight Operations Evaluation Board (FOEB), outside their normal MMEL revision cycle, recently approved Item 34-32-03, Enhanced Flight Visibility System (EFVS). You will note that the language and proviso used in the FAA for the EVS relief is different than the relief in the Transport Canada MMEL. Bombardier intends to propose changes to the FAA relief at the next FOEB to harmonize with the Transport Canada EVS relief. All BD-700/Global Series Operators with EVS installations are urged to revise their MEL and take advantage of this new relief.
- AC Motor Pump (ACMP-System 1) Item 29-12-01 - relief for this item has been temporarily suspended pending revisions to the performance data in the Airplane Flight Manual to address the potential effects of a subsequent engine failure during take-off. Bombardier intends to propose a re-instatement of this item at the next FOEB. ●

PMAT Web-Based Training Tool

Eff.: Global Series Aircraft

By Ken Knitter – Customer Training

The Global Portable Maintenance Access Terminal (PMAT) web-based training tool is now available for purchase. The diagnostic power of the Global PMAT comes from the Operator's ability to interact with the many CAIMS member systems on the aircraft. The PMAT Navigator is a training tool that models the operation of the Global aircraft PMAT. It provides the user with a simulation of the most frequently used features of the PMAT. The PMAT Navigator is designed to enable the user to practice the following tasks:

- Identify and use the appropriate windows and keys to access and navigate the PMAT.
- Troubleshoot simulated actual aircraft faults. ●

Enhanced Surveillance Mode S Transponder – Selected Altitude Anomaly

Eff.: Global Series Aircraft

By Stephane Beauchamp – Customer Support Engineering

ATA 34

Aircraft post Service Bulletin (SB) [700-34-039](#), SB [700-1A11-34-014](#), and serial number 9190 and subsequent are in compliance with the requirements for Mode S Enhanced Surveillance (EHS) Transponder. Maintaining the Elementary Surveillance (ELS) capability, the Mode S EHS Transponder supports the following Downlink Aircraft Parameters (DAP):

- Magnetic Heading
- Indicated Airspeed Mach Number
- Vertical Rate
- Roll Angle
- Track Angle Rate
- Ground Speed
- Selected Altitude (including barometric pressure setting).

Bombardier has received a field report where the Air Traffic Controller (ATC) received erroneous values for Selected Altitude where all other DAPs were being received correctly. The investigation revealed that a step had been missed during the incorporation of the EHS SB. The configuration strapping jumpers, W6 and W7 on the VHF Communication Unit No. 1 and No. 2, were not cut. The discrepancy was corrected and the aircraft was returned to service.

Operators and Service Centers are encouraged to follow the instructions on the EHS SB and if a similar occurrence is encountered, an easy check of the status of the configuration strapping jumpers W6 and W7 can be done via the Radio Management Unit (RMU). Refer to the [Aircraft Maintenance Manual](#), TASK 23-11-01-280-801 - Configuration Setting of the VHF Communication Units, for the correct configuration of strapping jumpers W6 and W7.

●



Mode S Enhanced Surveillance (EHS) – Declaration of Compliance to Eurocontrol

Eff.: All Wide Body Aircraft

By Daniel Vinet – Customer Support Engineering

ATA 34

The Mode S EHS solutions are now available for all in-service Wide Body A/C. SB100-34-19, SB604-34-039, SB604-34-041, SB700-34-039 and SB700-1A11-34-014 are released.

Bombardier Business Aviation Services (BBAS) network is available to develop STCs for the EHS, for the CL600, CL601 and CL601-3A/-3R Aircraft. Operators should contact their [BBAS Regional Sales Manager](#) or [BBAS Sales](#) at 316-946-2800 or in North America at 877-227-6584 for BAS STC support.

Once the aircraft is compliant to Mode S EHS requirements, the Operators who wish to declare Eurocontrol compliance with Mode S Enhanced Surveillance (EHS) off line may use the form, that at the time of release of this article, was located at: http://www.eurocontrol.int/msa/public/standard_page/mod es trans arrange coord cell.html

An on-line method is also available to the Eurocontrol registered users.

The web address above also provides instructions on how to complete and submit the Mode S Enhanced Surveillance Declaration of Compliance. ●

Emerging Regulation Corner European BRNAV & PRNAV

Eff.: All Challenger and Global Aircraft

By Stephane Beauchamp – Customer Support Engineering

In this week's edition, due to a number of requests following the articles on the US RNAV, we are going back in time to the European counterpart called BRNAV (Basic Area Navigation) and PRNAV (Precision Area Navigation).

BRNAV, which became mandatory in April 1998, encompassed the ECAC (European Civil Aviation Conference) member states airspace. BRNAV requires a Required Navigation Performance (RNP) value of ± 5 nautical miles (NM) en-route in accordance with AC90-96 and JAA TGL-2 (Temporary Guide leaflet). PRNAV is the natural progression from BRNAV requirements, which is being introduced progressively in Terminal Area (TMA) RNAV procedures.

PRNAV approvals are based on JAA TGL-10, which requires aircraft conformance to a track-keeping accuracy of ± 1 NM for at least 95% of flight time, together with advanced functionality and high integrity navigation databases. Both the BRNAV and PRNAV capabilities can be achieved using inputs from DME/DME, GNSS (Global Navigation Satellite System), VOR/DME, or IRS for a short duration, to the Flight Management System.

Since there is currently no mandate for PRNAV, conventional (non-RNAV) TMA procedures will continue to be provided allowing aircraft not appropriately equipped to continue operation in some Terminal Areas. However, operators that are not approved for PRNAV operations and operating conventional procedures will be unable to take advantage of the benefits of the potential of their RNAV equipment. Even if there is no ECAC wide mandate for the carriage of PRNAV, some States may require PRNAV certification for IFR operations in certain TMAs in order to improve airspace use, reduce costs, and minimise environmental impact.

Even though some States introduced PRNAV procedures as early as 2003, since November 2005 aircraft operating on RNAV terminal area procedures in major ECAC Terminal Airspace are subject to the following requirements: for RNAV procedures which include route segments below the appropriate Minimum Flight Altitude (e.g. Minimum Sector Altitude (MSA), Minimum Radar Vectoring Altitude (MRVA)), and PRNAV, approval is required.

For more information refer to the following website:

<http://www.ecacnav.com/PRNAV>.

The advantages of meeting the Operational requirement are more direct routing, together with fuel and time savings. The downside for non-PRNAV approved aircraft results in operational disadvantages, and the impact will depend on the local circumstances in the TMA concerned.

For the current production aircraft, various AFM/FCOM amendments were issued in the limitation sections to include the applicable statements for BRNAV and PRNAV, indicating the aircraft capability. However, as RNAV are not certification, but are actually operational requirements, these statements do not constitute operational approval. Operators must request approval from their governing authorities for this requirement.

The AFM/FCOM currently have a requirement to perform database integrity verification in accordance with the TGL- 10 for PRNAV operation.

For the Global Express, the documentation has been submitted to the authorities to remove this requirement since the FMS database is DO-200A compliant and the response is expected Q3/06. On the Challenger, Bombardier and Rockwell Collins are currently working toward eliminating this requirement later this year as well.

For out of production aircraft, in the midst of the different possible configuration changes throughout the years, it is recommended you contact the FMS installation STC holder or your Regional Manager for BAS STC for the details on how to obtain an AFMS. ●



The AASR for Global Series

ATA 24

Following APU start during preflight, ELEC SYS FAIL and APU BATT FAIL amber EICAS messages were posted. The DC synoptic page showed 25 volts with 31 degree celsius. Aircraft had been parked for a couple days with batteries still connected. Aircraft was relocated on a ferry permit. Following replacement of the APU battery at destination, the electrical system was operational. ●

ATA 56

During preflight inspection, the crew discovered a crack in the outer ply of the RH windshield. The aircraft was ferried to an Authorized Service Facility (ASF) for windshield replacement and then back to service. ●

ATA 27

During post flight inspection, a Multi Function Spoiler Power Control Unit (MFS PCU) actuator was found leaking out of tolerance. Following the replacement of the PCU, a successful leak check and operational test was completed and the aircraft was returned to scheduled flights with only one missed flight. ●

Advisory Wires Issued

Dist. Date.	Title	Date of Number	Model
May 02/2006	In-Flight Engine Shutdown	AW700-25-0142, Rev. 1	9002 & Subs.
May 11/2006	Quick Access Recorder (QAR) for Flight Safety Program	AW700-31-061, Rev. 2	9002 & Subs. 9127 & Subs.
Jun 06/2006	Under-Floor Avionics Bay – Water Ingress	AW700-53-0194	9002 & Subs. 9127 & Subs.
Jun 07/2006	"FUEL QTY DEGRADED" EICAS Message	AW700-28-0185	9002 & Subs. 9127 & Subs.



Service Bulletins Released

Global Express, Global 5000 and Global Express XRS Service Bulletins Released

S.B. NUMBER/ COMPLIANCE	TITLE	EFFECTIVITY/ MODEL	STATUS	DIST. DATE
700-24-066/ 700-1A11-24-007 (Recommended)	Modification – Battery System – Upgrade Battery Chargers to Part No. GL511-2401-9	9002 - 9193 9130 - 9193	Info Sheets	May 16/2006
700-28-002 (Optional)	Modification – Refuel/Defuel System – Addition of Refuel/Defuel Control Panel in Flight Compartment	9002 - 9999	Info Sheet	Jun 13/2006
700-29-019/ 700-1A11-29-002 (Recommended)	Modification – No. 2 and 3 Hydraulic Systems – Replace Faulty Priority Valve Part No. GX473-0060-1	9045 - 9148 9150 - 9151 9153 - 9153 9149 - 9149 9152 - 9152 9154 - 9157 9164 - 9164	Info Sheets	May 16/2006
700-30-022/ 700-1A11-30-003 (Recommended)	Special Check/Rework – Wing Anti-Icing (WAI) System – Check Slat-to-Slat Distance and Shims at WAI Flexible Joints	9169 – 9194	Basic	Jun 13/2006
700-33-001 (Optional)	Modification – Logo Lighting – Addition of Logo Lights	9002 – 9999	Revision 02	Jun 22/2006
700-34-014 (Recommended)	Reduced Vertical Separation Minimum (RVSM) to 1000 Feet – Aircraft Qualification Requirements	9002 – 9104	Info Sheet	Jun 13/2006
700-34-035/ 700-1A11-34-006 (Recommended)	Modification – Traffic Collision Avoidance System (TCAS) – Change TCAS Climb Inhibit Altitude to Optimum Altitude	9002 – 9158 9140 – 9158	Basic	Jun 19/2006
700-34-037/ 700-1A11-34-005 (Optional)	Modification – Enhanced Vision System – Installation of the Enhanced Vision System (EVS)	9002 – 9158 9149 – 9999	Basic	May 30/2006
700-34-038 (Optional)	Modification – Enhanced Vision System (EVS) – Installation of the EVS Provisions	9002 – 9148	Basic	May 30/2006
700-34-045 (Optional)	Modification – Enhanced Vision System – CB/Relay Box Installation	9002 – 9104 (Pre SB 700-34-022)	Basic	Jun 05/2006
700-35-009/ 700-1A11-35-006 (Recommended)	Modification – Oxygen Supply System – Introduction of New Oxygen Cylinder and Regulator Assembly with an Improved High-Pressure Relief Device	9002 – 9174 9127 – 9174	Info Sheet	Jun 05/2006



Service Bulletins Released...Cont

Global Express, Global 5000 and Global Express XRS Service Bulletins Released...Cont

S.B. NUMBER/ COMPLIANCE	TITLE	EFFECTIVITY/ MODEL	STATUS	DIST. DATE
700-38-008 (Optional)	Modification – Forward Canted Drain Mast	9002 – 9002 9004 – 9095 9097 – 9153	Info Sheet	May 25/2006
700-38-018 (Recommended)	Modification – Water Tank Pressurization System – Relocation of the Pressure Sensor	9040 – 9040 9050 – 9050 9055 – 9055 9057 – 9058 9060 – 9060 9062 – 9062 9068 – 9068 9070 – 9070 9074 – 9075 9084 – 9084 9088 – 9088 9097 – 9097	Basic	May 08/2006
700-76-002/ 700-1A11-76-001 (Recommended)	Modification – Power Control – Installation of Protective Guards for Engine Run Switches	9002 – 9182 9130 – 9182	Info Sheets	May 26/2006
700-1A11-34-004 (Optional)	Modification – Flight management System (FMS) – Addition of a Third FMS (FMS 3)	9127 – 9999	Basic	May 24/2006



Aircraft Statistics

Note: Maintenance Engineering compiles the FRACAS data for Aircraft Statistics, breakdown of AASRs, Dispatch Reliability, and Top Ten Unscheduled Removals.

Aircraft Statistics		
April 2006		
AASRs resulting in no delayed or missed trips	0	0%
AASRs resulting in delayed or missed trips	12	100%
Total Global AASRs for month	12	
Global Express Aircraft AASRs	10	83%
Global 5000 Aircraft AASRs	2	17%
Global Express XRS Aircraft AASRs	0	0%
Global Express Flights Scheduled	2,509	
Global Express Flights Taken as Scheduled	2,497	
Global Express Flight Dispatch Reliability (Corporate)		99.6%
Global 5000 Flight Dispatch Reliability (Corporate)		98.8%
Global Express XRS Flight Dispatch Reliability (Corporate)		100%
Total Global Express Flight Dispatch Reliability (Corporate)		99.5%
The Most Active Chapters for Apr/06	21, 27	

Breakdown of AASRs Resulting in a Delayed or Missed Trip		
ATA No.	ATA Description	Delayed/ Missed Trips
24-30	DC Generation	1
24-50	AC Electrical-Load Distribution	1
24-60	DC Electrical-Load Distribution	1
27-30	Pitch Control System	1
27-40	Horizontal Stabilizer	1
29-10	Main Hydraulic System	1
30-30	Pitot and Static	1
36-10	Distribution	2
52-10	Passenger/Crew Entrance Door	1
56-10	Flight Compartment Windows	1
76-10	Power Control	1



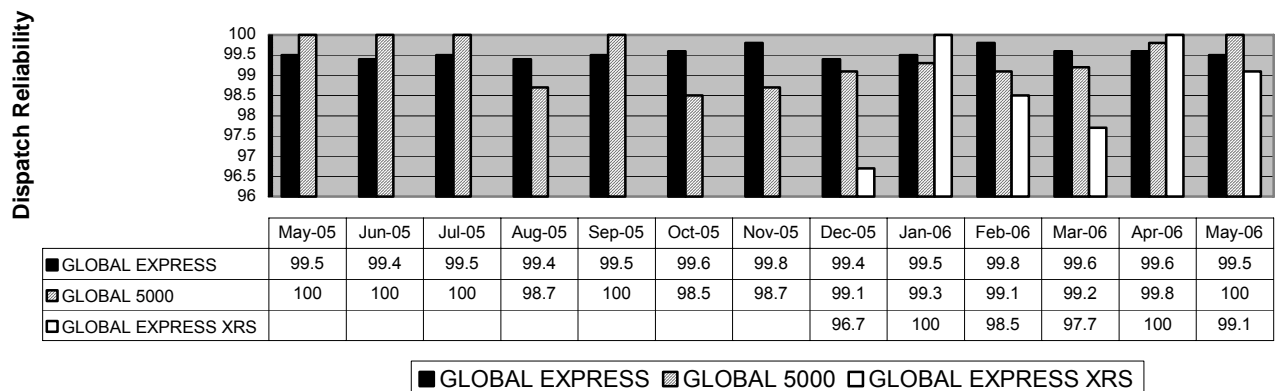
Aircraft Statistics...Cont

Aircraft Statistics		
May 2006		
AASRs resulting in no delayed or missed trips	1	8%
AASRs resulting in delayed or missed trips	11	92%
Total Global AASRs for month	12	
Global Express Aircraft AASRs	11	92%
Global 5000 Aircraft AASRs	0	0%
Global Express XRS Aircraft AASRs	1	8%
Global Express Flights Scheduled	2,481	
Global Express Flights Taken as Scheduled	2,470	
Global Express Flight Dispatch Reliability (Corporate)		99.5%
Global 5000 Flight Dispatch Reliability (Corporate)		100%
Global Express XRS Flight Dispatch Reliability (Corporate)		99.1%
Total Global Express Flight Dispatch Reliability (Corporate)		99.5%
The Most Active Chapters for May/06	24, 27	

Breakdown of AASRs Resulting in a Delayed or Missed Trip		
ATA No.	ATA Description	Delayed/ Missed Trips
24-00	Electrical Power General	3
24-30	DC Generation	1
24-50	AC Electrical-Load Distribution	1
27-50	Flaps and Slats	3
27-60	Spoilers	1
29-10	Main Hydraulic System	2
53-50	Empennage/Tail	1

Global Dispatch Reliability

Global Express, Global 5000 and Global Express XRS Dispatch Reliability





Aircraft Statistics...Cont

Global Series Top Ten Unscheduled Removals

ATA	PART NUMBER	DESCRIPTION	REMOVALS TOTAL (Apr 05 to Mar 06)	REMOVAL RATE /1000 HRS	REMOVAL RATE /1000 LDGS	MTBR (HOURS)
V24320901	GL511-2301-X	BATTERY - APU	74	1.16	2.98	864
V24320101	GL511-2201-X	BATTERY - AVIONICS	62	0.97	2.50	1,031
V27510501	GT415-5900-X	CONTROL UNIT - SLAT/FLAP (SFCU)	118	0.92	2.38	1,083
V32430101	GW415-7125-X	CONTROL UNIT - BRAKE (BCU)	56	0.88	2.26	1,141
V45450101	7023300-91X	TERMINAL -PORTABLE MAINTENANCE (PMAT)	54	0.84	2.18	1,184
V31410101	7017300-6100X & -6200X	COMPUTER - INTEGRATED AVIONICS (IAC)	146	0.76	1.96	1,313
V28410101	GP546-1501-X	COMPUTER - FUEL MAN & QTY GUAGING (FMQGC)	46	0.72	1.86	1,390
V32512102	1285A0100-0X & 1285A0300-0X	MANIFOLD SWIVEL VALVE NWS	78	0.61	1.57	1,639
V34610101	7007549-905 & 2888-03-1	FMS CDU - (CD-810/820)	78	0.61	1.57	1,639
V27610501	GT415-0100-X	FCU - FLIGHT CONTROL UNIT	71	0.56	1.43	1,801

Global Series Top Components Rated by Quantity of No Fault Found Removals

Rank	Part Number	Description	NFF Quantity	NFF Rate	Used on A/C Model
1	7014700-XXX	MADC	27	59%	GX
2	10604B01M05	DAU	18	23%	GX
3	GL512-3201-X	SPDA	17	52%	GX
4	GP546-1501-X	FMQGC	17	49%	GX
5	GW415-7125-X	BCU	13	35%	GX
6	7017300-6XXX	IAC	12	11%	GX
7	GW415-5100-1	ECU LG	10	59%	GX
8	GL542-3101-X	CDU EMS	10	33%	GX
9	2888-03-1 / 7007549-XXX	FMS CDU (CD-810/820)	10	11%	GX
10	GT415-5900-X	SFCU	TBD	TBD	GX



Aircraft Statistics...Cont

Fleet Statistics (as of 31 May 2006)

	Number of A/C		Hours		Landings		High Time Aircraft (Hours)	High Time Aircraft (Cycles)
	Total	In-Service	Total	In-Service	Total	In-Service		
Global Express	148	142	272,928	259,520	108,913	102,158	SN 9004 (4,807.6 Hours)	SN 9028 (2,218 Cycles)
Global 5000	27	13	3,992	2,797	2,015	1,271	SN 9130 (1,013.5 Hours)	SN 9140 (336 Cycles)
Global Express XRS	23	6	1,354	1,223	627	561	SN 9165 (344.4 Hours)	SN 9163 (143 Cycles)
Fleet Summary	198	161	278,273	263,540	111,555	103,990		

Upcoming Pubs

The following Revisions are scheduled for distribution in July 2006

Manual	Global 5000	XRS	Global Express
Aircraft Illustrated Parts Catalog (IPC)	Rev. 8	Rev. 5	Rev. 27
Aircraft Maintenance Manual, Part 1 (SDS)	Rev. 8	Rev. 5	Rev. 27
Aircraft Maintenance Manual, Part 2 (AMM)	Rev. 8	Rev. 5	Rev. 27
Completion Centre Handbook (CCH)	Rev. 4	Rev. 2	Rev. 12
Fault Isolation Manual (FIM)	Rev. 8	Rev. 5	Rev. 27
Ground Handling and Servicing Manual (GHSI)	Rev. 8	Rev. 5	Rev. 19
Nondestructive Testing (NDTM)	Rev. 4	Rev. 2	Rev. 6
System Schematic Manual (SSM)	Rev. 5	---	---
Weight and Balance Manual (WBM)	Rev. 5	---	---
Wiring List Manual (WLM)	Rev. 6	---	Rev. 23
Wiring Manual (WM)	Rev. 7	---	Rev. 23



Global Series Publications Status

The following is a list of the most recent revision for each manual. If you require information concerning Temporary Revisions, please contact Gisèle Laliberté in Technical Publications at (514) 855-2659, by e-mail at bbad.pubs.dist@aero.bombardier.com, or by pager (514) 202-1904. The information contained herein is current as of June 30, 2006.

Global Express (BD-700-1A10) Publications			
Manual	Rev. No.	Rev. Date	TR Status
BD-700-AIFM* Airport Facilities Manual	4	Aug 02/2005	
BD-700-1A10-AIPC Aircraft Illustrated Parts Catalog	25	Mar 28/2006	24-11; 24-12; 24-13; 24-14; 24-15; 24-16; 27-6; 34-2; 52-5
BD-700-1A10-AMM -SDS Part 1 – System Description Section	26	Mar 28/2006	
BD-700-1A10-AMM Aircraft Maintenance Manual	26	Mar 28/2006	12-17; 24-27; 25-1; 27-44; 27-45; 27-46; 27-47; 27-48; 51-3; 57-2; 71-20; 71-21; 80-1
BD-700-ARM* Aircraft Recovery Manual	6	Mar 28/2006	
BD-700-1A10-CCH Completion Centre Handbook	11	Aug 02/2005	
BD-700-CMM* Component Maintenance Manual Part One (Revision Service) Part Two (One-time Delivery)	Rev 11	Mar 28/2006	For TRs to Part One of the CMM, please refer to the CIC web site.
BD-700-1A10-FIM Fault Isolation Manual	26	Mar 28/2006	
BD-700-1A10-GHSI Ground Handling & Servicing Information	18	Mar 28/2006	
BD-700-1A10-ITEM Illustrated Tool & Equipment Manual	10	Nov 08/2005	
BD-700-MFM* Maintenance Facilities Manual	5	Aug 02/2005	
BD-700-1A10-MPD Maintenance Planning Document	10	Mar 28/2006	41; 42; 43; 44; 45
BD-700-1A10-NDTM Nondestructive Testing Manual	5	Nov 08/2005	
BD-700-1A10-OMP Operations and Maintenance Procedures (FAA)	4	Sep 16/2005	
BD-700-1A10-OMP Operations and Maintenance Procedures (TC)	4	Jan 24/2005	30-3; 34-1

LEGEND: BOLD = new

Unbold = in effect

Strikethrough = ~~removed/incorporated~~

* Common to Global Express, Global 5000 and Global Express XRS



Global Series Publications Status...Cont

Global Express (BD-700-1A10) Publications...Cont			
Manual	Rev. No.	Rev. Date	TR Status
BD-700-1A10-OMP Operations and Maintenance Procedures (JAA)	Basic	Jan 21/2005	
BD-700-1A10-SRM Structural Repair Manual	18	Mar 28/2006	
BD-700-1A10-SSM System Schematic Manual	19	Mar 28/2006	
BD-700-1A10-TLMC Time Limits / Maintenance Checks	10	Mar 28/2006	5-2-28; 5-2-29 ; 5-3-9; 5-3-10
BD-700-1A10-WBM Weight & Balance Manual	10	Mar 28/2006	
BD-700-1A10-WDM Wiring Manual (Diagrams)	22	Mar 28/2006	
BD-700-1A10-WLM Wiring List Manual	22	Mar 28/2006	
BD-700-1A10-AFM-96 Airplane Flight (TC Approved) 96,000 MTOW (CSP 700-1)	50	Apr 17/2006	700/12-1; 700/17-4; 700/32-6; 700/34-1; 700/35-1; 700/37-4; 700/56
BD-700-1A10-AFM-98 Airplane Flight (TC Approved) 98,000 MTOW (CSP 700-1A)	50	Apr 17/2006	700/17-4; 700/32-6; 700/34-2; 700/35-1; 700/37-4; 700/49; 700/56
BD-700-1A10-AFM-96 Airplane Flight (FAA Approved) 96,000 MTOW (CSP 700-1)	50	Apr 17/2006	700/12-1; 700/17-4; 700/32-6; 700/34-1; 700/35-1; 700/37-4; 700/56
BD-700-1A10-AFM-98 Airplane Flight (FAA Approved) 98,000 MTOW (CSP 700-1A)	50	Apr 17/2006	700/17-4; 700/32-6; 700/34-2; 700/35-1; 700/37-4; 700/49; 700/56
BD-700-1A10-AFM-96 Airplane Flight (JAA Approved) 96,000 MTOW (CSP 700-1)	50	Apr 17/2006	700/12-1; 700/17-4; 700/32-6; 700/34-1; 700/35-1; 700/37-4; 700/56
BD-700-1A10-AFM-98 Airplane Flight (JAA Approved) 98,000 MTOW (CSP 700-1A)	50	Apr 17/2006	700/17-4; 700/32-6; 700/34-2; 700/35-1; 700/37-4; 700/49; 700/56
BD-700-1A10-FCOM Flight Crew Operating (TC Approved)	50	Apr 17/2006	700/30-4; 700/33-2; 700/34-3; 700/35-1

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Global Series Publications Status...Cont

Global Express (BD-700-1A10) Publications...Cont

Manual	Rev. No.	Rev. Date	TR Status
BD-700-1A10-FCOM Flight Crew Operating (FAA Approved)	50	Apr 17/2006	700/30-4; 700/33-2; 700/34-3; 700/35-1
BD-700-1A10-FCOM Flight Crew Operating (JAA Approved)	50	Apr 17/2006	700/30-4; 700/33-2; 700/34-3; 700/35-1
BD-700-1A10-QRH Quick Reference Handbook (JAA Approved)	50	Apr 17/2006	700/26-4
BD-700-FPCCM-I* Flight Planning & Cruise Control Manual (Imperial)	3	Dec 01/2005	
BD-700-FPCCM-M* Flight Planning & Cruise Control Manual (Metric)	1	Dec 01/2005	
BD-700-1A10-QRH Quick Reference Handbook (TC Approved)	50	Apr 17/2006	700/26-4
BD-700-1A10-QRH Quick Reference Handbook (FAA Approved)	50	Apr 17/2006	700/26-4

Global 5000 (BD-700-1A11) Publications

Manual	Rev. No.	Rev. Date	TR Status
BD-700-1A11-AFM Airplane Flight Manual (TC Approved)	11	Apr 17/2006	700-5000/1-3; 700-5000/13; 700-5000/44
BD-700-1A11-AFM Airplane Flight Manual (FAA Approved)	11	Apr 17/2006	700-5000/1-3; 700-5000/13; 700-5000/44
BD-700-1A11-AFM Airplane Flight Manual (JAA Approved)	11	Apr 17/2006	700-5000/1-3; 700-5000/13; 700-5000/44
BD-700-1A11-AIPC Aircraft Illustrated Parts Catalog	6	Mar 28/2006	24-4; 24-5; 24-6; 24-7; 24-8; 24-9; 27-6; 34-1; 52-1
BD-700-1A11-AMM Aircraft Maintenance Manual	7	Mar 28/2006	12-3; 24-2; 25-1; 27-14; 27-15; 27-16; 27-17; 27-18; 51-1; 57-1; 71-2; 71-3; 80-1
BD-700-ARM* Aircraft Recovery Manual	6	Mar 28/2006	
BD-700-1A11-CCH Completion Center Handbook	3	Aug 02/2005	

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Global 5000 (BD-700-1A11) Publications...Cont			
Manual	Rev. No.	Rev. Date	TR Status
BD-700-CMM* Component Maintenance Manual Part One (Revision Service) Part Two (One-time Delivery)	Rev 11	Mar 28/2006	For TRs to Part One of the CMM, please refer to the CIC web site.
BD-700-1A11-FCOM Flight Crew Operating Manual (TC Approved)	11	Apr 17/2006	700-5000/1-2; 700-5000/12
BD-700-1A11-FCOM Flight Crew Operating Manual (FAA Approved)	11	Apr 17/2006	700-5000/1-2; 700-5000/12
BD-700-1A11-FCOM Flight Crew Operating Manual (JAA Approved)	11	Apr 17/2006	700-5000/1-2; 700-5000/12
BD-700-1A11-FIM Fault Isolation Manual	7	Mar 28/2006	
BD-700-FPCCM-I* Flight Planning & Cruise Control Manual (Imperial)	3	Dec 01/2005	
BD-700-FPCCM-M* Flight Planning & Cruise Control Manual (Metric)	1	Dec 01/2005	
BD-700-1A11-GHSI Ground Handling & Servicing Information	7	Mar 28/2006	
BD-700-1A11-ITEM Illustrated Tool & Equipment Manual	2	Nov 08/2005	
BD-700-1A11-MFM* Maintenance Facilities Manual	5	Aug 02/2005	
BD-700-1A11-MPD Maintenance Planning Document	1	Mar 28/2006	3; 4; 5
BD-700-1A11-NDTM Nondestructive Testing Manual	4	Mar 28/2006	
BD-700-1A11-OMP Operations and Maintenance Procedures (FAA)	1	Sep 16/2005	
BD-700-1A11-OMP Operations and Maintenance Procedures (TC)	1	Jan 24/2005	30-2; 34-1
BD-700-1A11-OMP Operations and Maintenance Procedures (JAA)	Basic	Jan 21/2005	
BD-700-1A11-QRH Quick Reference Handbook (TC Approved)	11	Apr 17/2006	700-5000/1-2

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Global 5000 (BD-700-1A11) Publications...Cont			
Manual	Rev. No.	Rev. Date	TR Status
BD-700-1A11-QRH Quick Reference Handbook (FAA Approved)	11	Apr 17/2006	700-5000/1-2
BD-700-1A11-QRH Quick Reference Handbook (JAA Approved)	11	Apr 17/2006	700-5000/1-2
BD-700-1A11-SDS-AMM Part 1 – System Description Section	7	Mar 28/2006	
BD-700-1A11-SRM Structural Repair Manual	1	Mar 28/2006	
BD-700-1A11-SSM System Schematic Manual	4	Mar 28/2006	
BD-700-1A11-TLMC Time Limits / Maintenance Checks	2	Mar 28/2006	5-3-2; 5-3-3
BD-700-1A11-WBM Weight & Balance Manual	4	Mar 28/2006	
BD-700-1A11-WDM Wiring Manual (Diagram)	6	Mar 28/2006	
BD-700-1A11-WLM Wiring List Manual	5	Mar 28/2006	

Global Express XRS (BD-700-1A10) Publications			
Manual	Rev. No.	Rev. Date	TR Status
BD-700-AIFM* Airport Facilities Manual	4	Aug 02/2005	
BD-700-1A10-AIPC Aircraft Illustrated Parts Catalog	3	Mar 28/2006	24-6; 24-7; 24-8; 24-9; 24-10; 24-11; 27-6; 34-1; 52-1
BD-700-1A10-AMM-SDS Part 1 – System Description Section	4	Mar 28/2006	
BD-700-1A10-AMM Aircraft Maintenance Manual	4	Mar 28/2006	12-3; 24-2; 25-1; 27-13; 27-14; 27-15; 27-16; 27-17; 51-1; 57-1; 71-2; 71-3; 80-1
BD-700-ARM* Aircraft Recovery Manual	6	Mar 28/2006	
BD-700-1A10-CCH Completion Centre Handbook	1	Aug 02/2005	

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Global Series Publications Status...Cont

Global Express XRS (BD-700-1A10) Publications...Cont			
Manual	Rev. No.	Rev. Date	TR Status
BD-700-CMM* Component Maintenance Manual Part One (Revision Service) Part Two (One-time Delivery)	Rev 11	Mar 28/2006	For TRs to Part One of the CMM, please refer to the CIC web site.
BD-700-1A10-FIM Fault Isolation Manual	4	Mar 28/2006	
BD-700-1A10-GHSI Ground Handling & Servicing Information	4	Mar 28/2006	
BD-700-1A10-ITEM Illustrated Tool & Equipment Manual	1	Nov 08/2005	
BD-700-MFM* Maintenance Facilities Manual	5	Aug 02/2005	
BD-700-1A10-NDTM Nondestructive Testing Manual	2	Mar 28/2006	
BD-700-1A10-SRM Structural Repair Manual	1	Mar 28/2006	
BD-700-1A10-SSM System Schematic Manual	3	Mar 28/2006	
BD-700-1A10-WBM Weight & Balance Manual	3	Mar 28/2006	
BD-700-1A10-WDM Wiring Manual (Diagrams)	3	Mar 28/2006	
BD-700-1A10-WLM Wiring List Manual	Basic	Jan 18/2005	

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Global Express

Disk No.	Issue/Version	Issue	Contents
700/001	Issue 27, Version 1	March 2006	<p>Aircraft Illustrated Parts Catalog Revision 25 TRs 24-10, 27-1, 27-2, 27-3, 27-4, 27-5, 32-14, 57-4, 57-5, 57-6</p> <p>Aircraft Maintenance Manual (Part II) Revision 26 TRs 31-3, 34-5, 34-6, 51-3, 52-20, 53-9, 53-10, 53-11, 57-2, 71-20, 71-21</p> <p>Fault Isolation/Fault Reporting Manual Revision 26</p> <p>Maintenance Planning Document Revision 10 TRs 36, 37, 38, 40, 41</p> <p>System Description Section (AMM Part I) Revision 26</p> <p>Time Limits/Maintenance Checks Revision 10 TRs 5-2-26, 5-2-28, 5-3-8, 5-3-9</p> <p>Wiring Manual Revision 22</p>
700/002	Issue 27, Version 1	March 2006	<p>Aircraft Recovery Manual Revision 6</p> <p>Airport Facilities Manual Revision 4</p> <p>Component Maintenance Manual - Part One Revision 11</p> <p>Illustrated Tools and Equipment Manual Revision 10</p> <p>Maintenance Facilities Manual Revision 5</p> <p>Nondestructive Testing Manual Revision 5</p>

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Global Express...Cont

Disk No.	Issue/Version	Issue	Contents
700/002	Issue 27, Version 1	March 2006	Structural Repair Manual Revision 18 TRs 54-5 System Schematic Manual Revision 19 Weight and Balance Manual Revision 10 Wiring List Manual Revision 22
700/CMM	N/A	March 2006	Component Maintenance Manual – Part Two Revision 11
700/FM	Issue 26, Version 1	April 17/2006	Airplane Flight Manual (CSP 700-1) Revision 50 TRs 12-1, 17-4, 32-6, 34-1, 35-1, 37-4 Airplane Flight Manual (CSP 700-1A) Revision 50 TRs 17-4, 32-6, 34-2, 35-1, 37-4, 49 Flight Crew Operating Manual Revision 50 TRs 30-4, 33-2, 34-3, 35-1 Quick Reference Handbook Revision 50 TRs 26-4 Flight Planning and Cruise Control Manual (Imperial) Revision 3 Flight Planning and Cruise Control Manual (Metric) Revision 1

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Global Series CD-ROM Status...Cont

Global 5000

Disk No.	Issue/Version	Issue	Contents
5000/001	Issue 8, Version 1	March 2006	Aircraft Illustrated Parts Catalog Revision 6 TRs 24-3, 27-1, 27-2, 27-3, 27-4, 27-5, 28-1, 32-14, 57-2, 57-3, 57-4 Aircraft Maintenance Manual (Part II) Revision 7 TRs 31-1, 34-1, 34-2, 51-1, 52-3, 53-3, 53-4, 53-5, 57-1, 71-2, 71-3 Fault Isolation/Fault Reporting Manual Revision 7 Maintenance Planning Document Revision 1 TRs 1, 2 System Description Section (AMM Part I) Revision 7 Time Limits/Maintenance Checks Revision 2 TRs 5-2-1, 5-3-1, 5-3-2 Wiring Manual Revision 6
5000/02	Issue 8, Version 1	March 2006	Aircraft Recovery Manual Revision 6 Airport Facilities Manual Revision 4 Component Maintenance Manual - Part One Revision 11 Illustrated Tools and Equipment Manual Revision 2 Maintenance Facilities Manual Revision 5 Nondestructive Testing Manual Revision 3 Structural Repair Manual Revision 1 System Schematic Manual Revision 4 Weight and Balance Manual Revision 4 Wiring List Manual Revision 5

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Global Series CD-ROM Status...Cont

Global 5000...Cont

Disk No.	Issue/Version	Issue	Contents
5000/FM	Issue 11, Version 1	April 17/2006	Airplane Flight Manual Revision 11 TRs 1-3, 13, 44 Flight Crew Operating Manual (Volume 1 & 2) Revision 11 TRs 1-2, 12 Quick Reference Handbook (Volume 1 & 2) Revision 11 TRs 1-2 Flight Planning Cruise Control Manual (Imperial) Revision 3 Flight Planning Cruise Control Manual (Metric) Revision 1

Global Express XRS

Disk No.	Issue/Version	Issue	Contents
XRS/001	Issue 5, Version 1	March 2006	Aircraft Illustrated Parts Catalog Revision 3 TRs 44-1, 24-5, 27-1, 27-2, 27-3, 27-4, 27-5, 28-1, 32-2, 57-2, 57-3, 57-4 Aircraft Maintenance Manual (Part II) Revision 4 TRs 34-1, 34-1, 34-2, 51-1, 52-2, 53-3, 53-4, 53-5, 57-1, 71-2, 71-3 Fault Isolation/Fault Reporting Manual Revision 4 Maintenance Planning Document Revision 10 TRs 36, 37, 38, 40, 41 System Description Section (AMM Part I) Revision 4 Time Limits/Maintenance Checks Revision 10 TRs 5-2-26, 5-2-28, 5-3-8, 5-3-9 Wiring Manual Revision 3

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Global Series CD-ROM Status...Cont

Global Express XRS...Cont

Disk No.	Issue/Version	Issue	Contents
XRS/002	Issue 5, Version 1	March 2006	Aircraft Recovery Manual Revision 6 Airport Facilities Manual Revision 4 Component Maintenance Manual - Part One Revision 11 Illustrated Tools and Equipment Manual Revision 1 Maintenance Facilities Manual Revision 5 Nondestructive Testing Manual Revision 1 Structural Repair Manual Revision 1 System Schematic Manual Revision 3 Weight and Balance Manual Revision 3 Wiring List Manual Basic
700/FM	Issue 26, Version 1	April 17/2006	Airplane Flight Manual (CSP 700-1) Revision 50 TRs 12-1, 17-4, 32-6, 34-1, 35-1, 37-4 Airplane Flight Manual (CSP 700-1A) Revision 50 TRs 17-4, 32-6, 34-2, 35-1, 37-4, 49 Flight Crew Operating Manual Revision 50 TRs 30-4, 33-2, 34-3, 35-1 Quick Reference Handbook Revision 50 TRs 26-4 Flight Planning and Cruise Control Manual (Imperial) Revision 3 Flight Planning and Cruise Control Manual (Metric) Revision 1
Service Bulletins		March 2006	Global Express, Global 5000, Vendor Service Bulletins

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is published four times a year by:

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**NOTE: Please be advised that
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Newsletter will be issued
November 2006.**

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