

# **BOMBARDIER**

**Q400 Serial Number 4023 Available for Sale**

## **Offers for Sale Q Series: Q400 Aircraft MSN 4023**



**TTSN: 29,202 Flight Hours  
TCSN: 36,688 Flight Cycles**

**Data Date: 25<sup>th</sup> May 2018**

**Expected Availability: June 2018**

**IMPORTANT:**

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**Date of Manufacture: April 2000**

**Model Designation: DHC-8-402**

## **Avionics:**

### ➤ **AUTOMATIC FLIGHT CONTROL**

- Automatic flight control system with dual flight director function, single auto-pilot, and a single yaw damper.
- All weather approach capability that is limited to Category II for ILS and Category I for MLS.

### ➤ **COMMUNICATION**

- Dual VHF communication system with three modes:
  - i. 0A mode – 25 KHZ channel spacing, AM, DSB
  - ii. 0B – 8.33 KHZ channel spacing, AM, DSB
  - iii. 1A – 25 KHZ channel spacing, AM-MSK
- Passenger address (PA) and Communication Interphone System (PACIS)
- Passenger entertainment system – Team DPAS 4
- Cockpit Voice Recorder (CVR) with 90 days 37.5 KHZ beacon
- Radio management system – Dual Audio and Radio Control Display Units (ARCDU)
- Active noise and vibration control system – noise cancellation
- Kannad 406 AF Emergency Locator Transmitter (121.5 MHZ / 406 MHZ)

### ➤ **INDICATING AND RECORDING SYSTEM**

- Electronic Flight Instrument System (EFIS)
- Engine and Systems Integrated Display (ESID)
- Integrated standby instrument system
- PWC fast box system embodied
- Flight Data Recorder (FDR) with 90 days 37.5 KHZ beacon

### ➤ **NAVIGATION**

- Dual digital air data computer
- Dual Attitude and Heading Reference System (AHRS)
- Bendix king / Honeywell ART2000 weather radar system
- Honeywell enhanced ground proximity warning system (EGPWS) MKV
- Mandatory Bendix king / Honeywell traffic collision and avoidance system (TCAS) change 7.1
- Bendix king / Honeywell dual radio altimeter (KRA-405B)
- Bendix king / Honeywell dual ATC with enhanced surveillance Mode S and ATRBS / mode select airborne (MST67A)
- Dual VHF navigation system (VOR, Glideslope, and Marker beacon)
- Single Multi-functional Control Display Unit (MCDU)
- Universal avionics single Flight Management System (FMS) SCN 802.8

### ➤ **CENTRAL DIAGNOSTIC SYSTEM**

- On-board maintenance
- Propeller Balance Monitoring System (PBMS)

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## Additional Installed Options:

- **CARGO**
  - 51 CU FT FWD baggage compartment
- **LAVATORY**
  - FWD lavatory with water wash system
- **POWER GENERATION**
  - Auxiliary power unit (APU)

## Interior:

- **CABIN**
  - 76 passenger seating capacity (all economy configuration)
- **GALLEY CONFIGURATION**
  - AFT galley: G3 and G1 galley
  - FWD galley: G6 galley
- **CREW ACCOMODATION**
  - 2 flight attendant seats

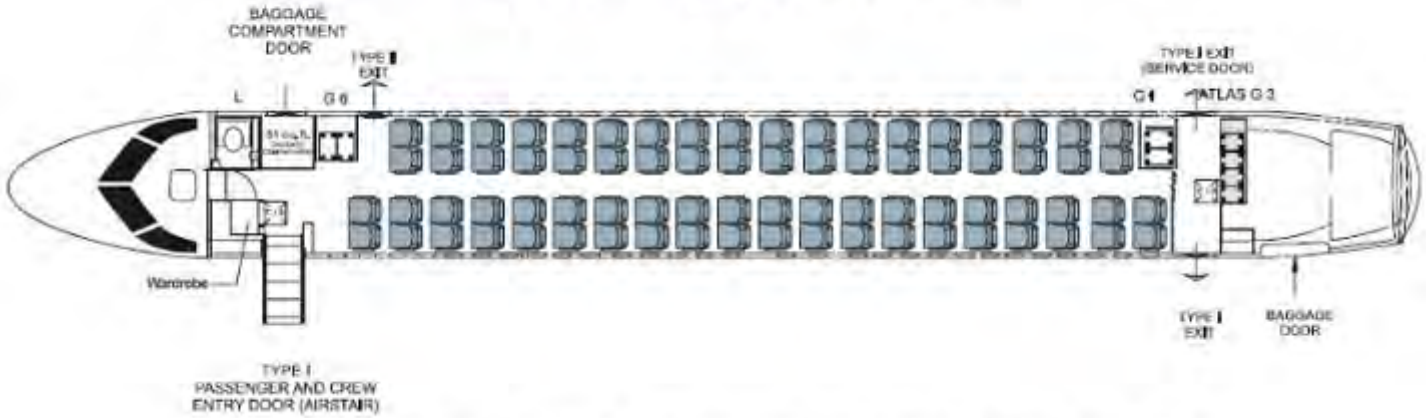
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**Q400 LOPA for PAL Express - 76 Passengers**  
**76 Economy @ 30"-31" Pitch**



**Legend:** F/A = Attendant; G = Galley; W = Wardrobe; L = Lavatory; T = Half-Size Trolley

**Baggage/Storage Capacities:**

Storage Location	76 cu. ft.	Total Volume cu.m	Per Pax cu. ft.	Per Pax cu.m	Total Weight lb.	Total Weight kg
Aft Baggage Compt.	365	10.33	4.80	0.14	2570	1168
Fwd Baggage Compt.	51	1.44	0.67	0.02	510	232
<b>Baggage Compt. Total</b>	<b>416</b>	<b>11.77</b>	<b>5.47</b>	<b>0.16</b>	<b>3080</b>	<b>1400</b>
Overhead Bins (est.)	121	3.42	1.60	0.04		
Under-seat (est.)	128.7	3.64	1.70	0.05		
<b>Total</b>	<b>665.7</b>	<b>18.83</b>	<b>8.77</b>	<b>0.25</b>		

**Passenger Seats**

**Economy: BE Aerospace  
 Model 945**

**Galley Capabilities: (Space and/or Complete Provisions Provided)**

Equipment Type	Carts	Waste	Other Furnishings/Equipment			
<b>Galley Position</b>						
Galley 1	2	1	1 Water Boiler	1 Sink Assy		
Galley 3	4	1	3 Misc Stowage	1 Pull out Table	1 Carrier Compartment	2 Oven Compartment
Galley 6	2	0	3 Misc Stowage	1 Pull out Table	1 Carrier Compartment	1 Oxygen Compartment
<b>Total</b>	<b>8</b>	<b>2</b>				2 Crew PBE Compartment

Catering Weight	Total lb.	Total kg	Per Pax lb.	Per Pax kg	Max Unit Weight lb.	Max Unit Weight kg
Galley Cart	1056	480	13.9	6.3	132	60
<b>Total</b>	<b>1056</b>	<b>480</b>	<b>13.9</b>	<b>6.3</b>		

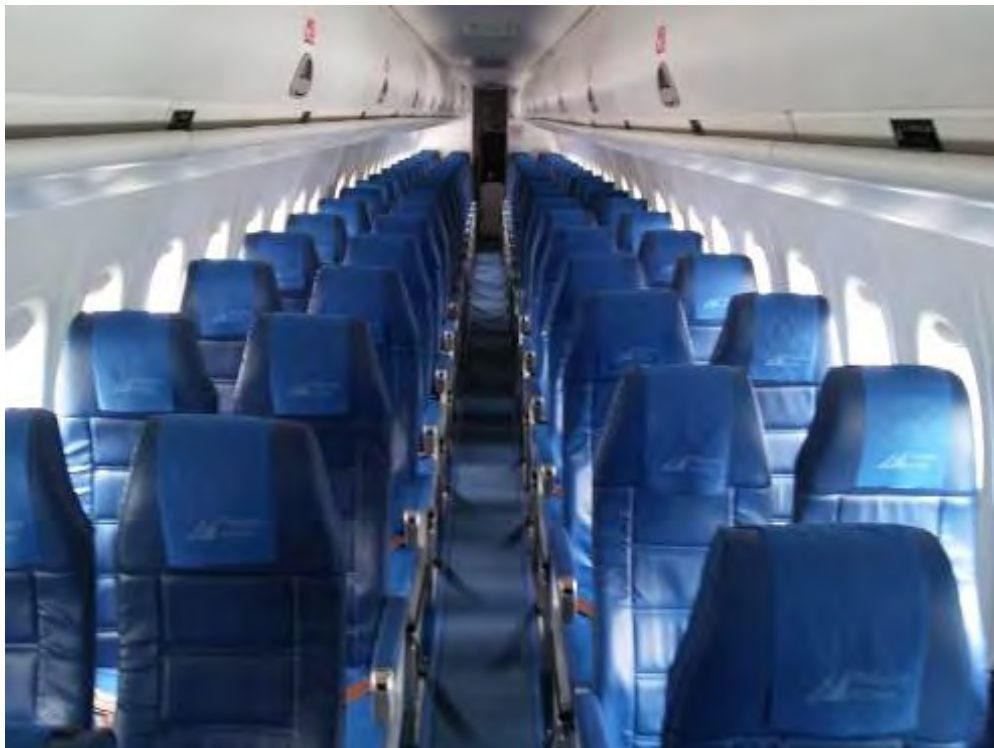
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## Interior



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## G1 Galley



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## G3 Galley



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## G3 Galley



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## G6 Galley



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## Flight Compartment



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<b>Report Date</b>	<b>Operator</b>	<b>TSN</b>	<b>CSN</b>
25-May-18	PAL Express	29,202	36,688
<b>Aircraft Type</b>	<b>A/C Serial No</b>	<b>A/C Registration</b>	<b>Build Date</b>
Q400-402	MSN 4023	RP-C3036	Jul-00

**Damage History**

Date	Details - Description of Incident
N/A	N/A

**Inspection Status**

Check Description	Interval	Date	Last Done		Next due	Remaining	Interval Unit	Repair Station / Airline
			Flight Hours	Flight Cycles				
Heavy Maintenance Checks	6,000	18-May-17	27,766	35,053	33,766	4,564	Flight Hours	HAWKER PACIFIC
	12,000	20-Jul-13	21,541	27,770	33,541	4,339	Flight Hours	APC
	18,000	18-May-17	27,766	35,053	45,766	16,564	Flight Hours	APC
	24,000	20-Jul-13	21,541	27,770	45,541	16,339	Flight Hours	APC
12 Month	365	28-Apr-18	29,076	36,555	43,583	338	Days	APC
24 Month	730	3-Oct-17	28,408	35,731	43,741	496	Days	APC
3 Year	1,095	16-May-17	27,766	35,053	43,966	721	Days	HAWKER PACIFIC
6 Year	2,190	3-Mar-17	27,766	35,053	44,987	1,742	Days	HAWKER PACIFIC
9 Year	3,285	21-Apr-17	27,766	35,053	46,131	2,886	Days	HAWKER PACIFIC

**Left Engine**

Type	Serial Number	Total Cycles		Total Hours	
		Since New	Since LSV	Since New	Since LSV
PW150A					
<b>Turbo and RGB</b>	PCE-FA0173	27,707	4,216	23,301	3,631

**LLP's**

Description	Part Number	Serial No	Cycles Since New	Cycles Remaining	Cycle Life Limit
Rotor, Compressor, 1st Stage	3071091-01	A002LW9K	16,878	3,122	20,000
Rotor, Compressor, 2nd Stage	3048872-01	A0031EEW	11,458	8,542	20,000
Rotor, Compressor, 3rd Stage	3048223-01	A0031LMY	11,458	8,542	20,000
Impeller, Centrifugal, HP	3049127-01	A003LWH3	4,216	10,784	15,000
Disc, HP Turbine	3046885-01	A003MMWA	4,216	15,784	20,000
Cover, HP Turbine, Front	3047586-01	A00309LE	11,458	8,542	20,000
Cover, HP Turbine, Rear	3047993-01	A003MM9L	4,216	15,784	20,000
Disc, LP Turbine	3048663-01	A00320MY	11,458	8,542	20,000
Cover, LP Turbine, Front	3048543-01	A00311BF	11,458	8,542	20,000
Disc, Power Turbine, 1st Stage	3046886-01	A00186PK	27,707	2,293	30,000
Disc, Power Turbine, 2nd Stage	3048459-01	A0018KF2	27,707	2,293	30,000

**Right Engine**

Type	Serial Number	Total Cycles		Total Hours	
		Since New	Since LSV	Since New	Since LSV
PW150A					
<b>Turbo and RGB</b>	PCE-FA0156	21,847	1,558	21,854	24,976

**LLP's**

Description	Part Number	Serial No	Cycles Since New	Cycles Remaining	Cycle Life Limit
Rotor, Compressor, 1st Stage	3071091-01	A002LK32	15,006	4,994	20,000
Rotor, Compressor, 2nd Stage	3048872-01	A003C3WE	5,505	14,495	20,000
Rotor, Compressor, 3rd Stage	3048223-01	A003BR81	5,505	14,495	20,000
Impeller, Centrifugal, HP	3049127-01	A0030WEW	10,627	4,373	15,000
Disc, HP Turbine	3046885-01	A003BDPY	5,505	14,495	20,000
Cover, HP Turbine, Front	3047586-01	A003A9PB	5,505	14,495	20,000
Cover, HP Turbine, Rear	3047993-01	A003CYOC	5,505	14,495	20,000
Disc, LP Turbine	3048663-01	A003C8EP	5,505	14,495	20,000
Cover, LP Turbine, Front	3048543-01	A0039BWX	5,505	14,495	20,000
Disc, Power Turbine, 1st Stage	3046886-01	A0015CW8	24,976	5,024	30,000
Disc, Power Turbine, 2nd Stage	3048459-01	A0015CXH	24,976	5,024	30,000

**Landing Gear**

Description	Installed		Cycles		Date
	Part Number	Serial No	Since New	Since Restoration	Last Restored
<b>Nose Gear</b>					
Shock Strut Assy, NLG	47100-15	MA0083	24,190	9,343	01-Sep-16
Drag Strut Assy, NLG	47300-9	MAL-0059	37,347	12,387	11-Apr-12
<b>Main Gear, Left</b>					
Dressed Shock Strut Assy MLG	46250-11	MA0052	35,148	12,126	22-Feb-12
<b>Main Gear, Right</b>					
Dressed Shock Strut Assy MLG	46250-15	MA0137	26,420	1,635	05-Oct-15

**Propellers**

Left	Model	Part Number	Manuf. Date	Serial Number	MI Limit
	R408/6-123-F1/17	697037001	13-Jul-02	DAP0156	
Description	Part Number	Serial Number	Total Hours Since MI	Remaining	
Blade & Bearing # 1	697071003	542	7,943	3,056	11,000
Blade & Bearing # 2	697071003	630	6,099	4,901	11,000
Blade & Bearing # 3	697071003	310	7,157	3,843	11,000
Blade & Bearing # 4	697071003	1366	6,030	4,969	11,000
Blade & Bearing # 5	697071003	1018	4,786	6,214	11,000
Blade & Bearing # 6	697071003	1271	5,362	5,638	11,000
Hub & Act.	697070241	MG048/98	7,346	2,653	10,000

Right	Model	Part Number	Manuf. Date	Serial Number	MI Limit
	R408/6-123-F1/17	697037001	18-Sep-01	DAP0120	
Description	Part Number	Serial Number	Total Hours Since MI	Remaining	
Blade & Bearing # 1	697071003	1600	6,297	4,702	11,000
Blade & Bearing # 2	697071003	1338	4,891	6,108	11,000
Blade & Bearing # 3	697071003	3960	5,193	5,806	11,000
Blade & Bearing # 4	697071003	554	7,657	3,342	11,000
Blade & Bearing # 5	697071003	3808	1,435	9,564	11,000
Blade & Bearing # 6	697071003	1348	5,412	5,588	11,000
Hub & Act.	697070241	M2126-1	1,435	8,564	10,000

**APU**

Info as of :	Hamilton Sundstrand		Total Cycles		Total Hours		
	Description	Part Number	Serial No	Since New	Since Repair	Since New	Since H.S.I
APU Assy APS 1000 (T-62T-46C12)	4503067A	SP-E984505		33,802	4,047	13,375	N/A
Compressor Wheel (Impeller)	4503310	SIF3547		4,047	N/A	1,968	N/A
Turbine Wheel	4501004	H3435		4,047	N/A	1,968	N/A

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