

For Sale

One

de Havilland DHC-8-102 Series Aircraft,

Serial Number 275,

Registration Number N827PH



Offered By:

ACI Aviation Consulting



Date: November 5, 2005



Aircraft Technical Specifications

General

Aircraft Manufacturer	De Havilland
Aircraft Type	DHC-8-102
Serial Number	275
Date of Manufacturer	May 24, 1991
Country of Registration	Canada
Registration Number	N827PH
Engine Type	PW120A
<u>Operating Weights</u>	
Maximum Taxi Weight	34,700 lbs.
Maximum Take-off Weight	34,500 lbs.
Maximum Landing Weight	33,900 lbs.
Maximum Zero Fuel Weight	31,000 lbs.
<u>Interior Configuration</u>	
Current Configuration	Passenger – 37 Single Class
Number and Location Of Galleys	1 Forward Right
Number and Location of Lavatories	1 Forward Right



Operator Information

Current Operator	Horizon Air
Average Daily Utilization	In Storage
Type Of Operation	Part 121
Operators Main Base	Portland, OR
Operating Environment	Domestic, USA

Aircraft History

Operator	Horizon Air
Aircraft Storage	Since November 4, 2001

Aircraft Maintenance Program Data Effective Date: October 4, 2005

Total Aircraft Hours	26,006.8
Total Aircraft Cycles	36,304
Airframe Maintenance Program Summary	Every
L - Check	50 Flight Hours
A1 to A10 - Check	500 Flight Hours
C1 to C6 - Check	5,000 Flight Hours

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Aircraft Maintenance Check
Data Effective Date: October 4, 2005

Current Status of Intermediate and Heavy Maintenance Visits	Time Since Accomplishment	Next Due In
L-Check	0	50 Hrs
A9-Check	0	500 Hrs
C1-Check	0	5,000 Hrs
Historical Yearly Utilization (Actual)	1,809.8 Hours	2,526 Cycles

NOTE: AIRCRAFT WILL BE DELIVERED FRESH FROM BOMBARDIER MRB C-CHECK.

Component Status

Engines

Data Effective Date: October 4, 2005
Engine Type: PW 120A

Current Location	Serial Number	TT/TC	TSO	Limit Item	Cycles Remaining
Left Engine	PCE121058	23,071.9 / 32,301	23,071.9 32,301	HP Turbine Cover (rear)	12,676
Right Engine	PCE121053	21,362.4 / 29,772	21,362.4 29,772	1 st Stage PT Disk	7,186

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Landing Gear

Data Effective Date: October 4, 2005

Position and Location	Serial Number	Time Between Overhaul	Cycles Remaining	Percent Remaining
Nose	CH005	20,000	17,083	85%
Left Body	DCL131-86	30,000	23,724	79%
Right Body	DCL072-85	30,000	23,724	79%

Interior Configuration Data

Total Number of Passenger Seats	37
Class Breakout	Coach
Number and Location of Galleys	1 Fwd Right
Number and Location of Lavatories	1 Fwd Right
Number of Crew Seats	2 Flight Deck / 1 Observer / 1 FA
Fuel Capacity	846 Gallons
Aircraft Last Weighed Date	May 30, 2001
Aircraft Paint Scheme	White



Avionics Inventory

October 17, 2005

Nomenclature	Manufacturer	Part Number	S/N
ADF 1	King KDF-806	066-1077-00	4828
AFCS Interface Unit	DeHavilland Aircraft	83401002-017	92
Air Data Computer 1	Honeywell AZ-810	70000700-975	90054095
Air Data Computer 2	Honeywell AZ-810	70000700-975	85051023
Audio REU	AvTech	1/1/5260	468
Cabin Pressure Controller	Allied Signal	2117804-1	96-750
Cockpit Voice Recorder	Sundstrand AV557C	980-6005-077	11101
Digital Flight Data Recorder	Sundstrand UFDR	980-4100-DXUN	431
DME 1	Bendix KDM706A	066-1066-23	13185
DME 2	Bendix	066-1066-23	11046
Flight Data Acquisition Unit	Teledyne	2228150-1-B	110
Flight Guidance Computer 1	Honeywell FZ-800	7003974-730	90042234
Flight Guidance Computer 2	Honeywell FZ-800	7003974-730	97054749
GPWS	Sundstrand	965-0476-088	4147
Radio Altimeter 1	Honeywell RT-300	7001840-918	98117184
Radio Altimeter 2	Honeywell RT-300	7001840-912	88023605
TECAS	King GC-362A	071-01505	1162
VHF Comm 1	King KTR-908	064-1023-00	3550
VHF Comm 2	King KTR-908	064-1023-00	10434
VHF Comm 3	King KTR-908	064-1023-00	6793
VHF Nav 1	King KNR-635	066-1078-04	5497
VHF Nav 2	King KNR-635	066-1078-04	1478

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For Sale

One

de Havilland DHC-8-102 Series Aircraft,

Serial Number 314,

Registration Number N830PH



Offered By:

ACI Aviation Consulting



Date: April 6, 2006



AIRCRAFT TECHNICAL SPECIFICATIONS

General

Aircraft Manufacturer	De Havilland
Aircraft Type	DHC-8-102
Serial Number	314
Date of Manufacturer	January 1992
Country of Registration	USA
Registration Number	N830PH
Engine Type	PW120A
<u>Operating Weights</u>	
Maximum Taxi Weight	34,700 lbs.
Maximum Take-off Weight	34,500 lbs.
Maximum Landing Weight	33,900 lbs.
Maximum Zero Fuel Weight	31,300 lbs.
Operating Empty Weight	22,580 lbs.
<u>Interior Configuration</u>	
Current Configuration	Passenger – Single Class
Number and Location Of Galleys	1 Forward Right
Number and Location of Lavatories	1 Forward Right



Operator Information

Current Operator	Horizon Air, Inc.
Average Daily Utilization	N/A - In Storage
Type Of Operation	Part 121
Operators Main Base	Portland, OR
Operating Environment	Domestic, USA

Aircraft History

Operator	Horizon Air, Inc.
Aircraft Storage	Since March 6, 2002

Aircraft Maintenance Program Data Effective Date: February 16, 2006

Total Aircraft Hours	24,540.3
Total Aircraft Cycles	34,459
Airframe Maintenance Program Summary	
L - Check	50 Flight Hours
A1 to A10 - Check	500 Flight Hours
C1 to C6 - Check	5,000 Flight Hours



Aircraft Maintenance Check

Data Effective Date: February 16, 2006

Current Status of Intermediate and Heavy Maintenance Visits	Time Since Accomplishment	Next Due In
L-Check	2.3	47.7 Hours
A9-Check	417.9	82.1 Hours
C1-Check	1,516	3,484 Hours
Historical Yearly Utilization (Actual)	1,752.9 Hours	2,461.4 Cycles

NOTE: AIRCRAFT WILL BE DELIVERED FRESH FROM BOMBARDIER MBA C-CHECK.

Component Status

Original Leased Engines

Data Effective Date: February 16, 2006

Engine Type: PW 120A

Current Location	Serial Number	TT/TC	TSO/CSO	Limit Item	Cycles Remaining
Left Engine	PCE121130	21,365.4 / 29,978	21,365.4 / 29,978	LP Disk & 1 & 2 PT Disks	22
Right Engine	PCE121131	21,086.2 / 29,496	21,086.2 / 29,496	1 st & 2 nd Stage PT Disks	3,378



Landing Gear

Data Effective Date: February 16, 2006

Position	Serial Number	Time Between Overhaul	Time Remaining	Percent Remaining
Nose	930115	20,000 Hours / 3,650 Days	725 Days	20%
Left Body	DCL480-90	30,000 Hours	24,912 Hours	42%
Right Body	DCL302-88	30,000 Hours	10,386 Hours	35%

Interior Configuration Data

Total Number of Passenger Seats	37
Class Breakout	Coach
Number and Location of Galleys	1 Fwd Right
Number and Location of Lavatories	1 Fwd Right
Number of Crew Seats	2 Flight Deck / 1 Observer / 1 FA
Fuel Capacity	846 Gallons
Aircraft Last Weighed Date	May 30, 2001
Aircraft Paint Scheme	White



History of Major Airframe Damage: No: XX Yes:

According to the information as provided and reviewed by ACI.

Additional

Cargo Loading System	None
FAR 121 Compliant	No
TCAS	Yes
Windshear	No
Extended Range Over Water Operation	No
FAR part 36, Stage III Noise Compliant	N/A
How Are Operators Manuals Maintained	Hard Copy
Able Obtain Organizational Chart	No
LOPA Drawing Supplied	No



Avionics Inventory

**US Airways N830PH
March 7, 2006**

Nomenclature	Manufacturer	Part Number	Serial Number
ADF 1	King KDF-806	066-1077-00	*2417
AFCS Interface Unit	DeHavilland Aircraft	83401002-021	*0210077
Air Data Computer 1	Honeywell AZ-810	70000700-975	*85041017
Air Data Computer 2	Honeywell AZ-810	70000700-975	*89073505
Audio REU	AvTech	5260-1-1	*480
Cabin Pressure Controller	Allied Signal	2117804-1	*76-212
Cockpit Voice Recorder	Sundstrand AV557C	980-6005-077	*10156
Digital Flight Data Recorder	Sundstrand UFDR	980-4100-DXUS	3893
DME 1	Bendix KDM706A	066-1066-23	*
DME 2	Bendix KDM706A	066-1066-23	*
ELT	Pointer	4000	*406359
Flight Data Acquisition Unit	Marconi	612-1-49780-202	*15010
Flight Guidance Computer 1	Honeywell FZ-800	7003974-730	*98055020
Flight Guidance Computer 2	Honeywell FZ-800	7003974-730	*97044739
Flight Management Computer	Honeywell KWC667	066-4018-00	*20245
GPWS	Sundstrand	965-0476-088	*10146
PA Amplifier	AvTech	5082-1-2	176
Proximity System Electronics Unit	Eldec	8-410-05	300
Radio Altimeter 1	Honeywell RT-300	7001840-918	*97026157
Radio Altimeter 2	Honeywell RT-300	7001840-912	*94064991
TECAS Computer	Honeywell	066-50000-1108	*2098
Transponder 1	Honeywell	066-01127-1101	*2745
Transponder 2	Honeywell	066-01127-1101	*5903
VHF Comm 1	King KTR-908	064-1023-00	*5218
VHF Comm 2	King KTR-908	064-1023-00	*3219
VHF Comm 3	King KTR-908	064-1023-00	*1821
VHF Nav 1	King KNR-635	066-1078-04	*2994
VHF Nav 2	King KNR-635	066-1078-04	*3022
Weather Radar	Honeywell	3614475-8601	*0118

Note:

*Access to avionics compartment was not allowed at the time of physical aircraft inspection therefore part/serial numbers are from documentation records audit.

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