

Aircraft Specification Summary

Fairchild Dornier 328 (Turbo Prop)

MSN:

3086

Registration Number:

N503CG

Currently located:

Concord, North Carolina

Times current as of Audit Date:

15-May-08

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Operational Data

Aircraft Model Designation

DO 328- 110

Engine Model Designation

Pratt & Whitney PW 119B

Propeller Model Designation

Hartzell HD-E6C-3 6 Blade

Aircraft Configuration

Passenger seats	31	Cock Pit door mod	Y
Ground Spoilers	Y	Cargo Smoke mod	Y
APU installed	Y	GPS installed	Y

Avionics Options

General Avionics Update (GAU) Full/Partial **Partial**

Electronic Flight Instrument System

EFIS Honeywell (Primus 2000) 5 tube glass cockpit with IRS/AHRS	N
EFIS Honeywell (Primus 2000) 5 tube glass cockpit w/dual AHRS	Y

Maximum Operation Altitude

31,000 Feet

Design Weights

Maximum Take Off Weight

30,843 lbs

Maximum Taxi Weight

31,019 lbs

Maximum Landing Weight

29,176 lbs

Maximum Zero Fuel Weight

27,800 lbs

Operational Empty Weight

(typical) 19,665 lbs

Maximum Usable Fuel

7557 lbs (1133 US Gal)

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Major Components

Description	Vendor	P/N	S/N	TSN	CSN	TSO/ CSO
Airframe						
3086	FD	N/A	3086	6,015.50	6,263	N/A

Landing Gear

	Assy P/N	S/N	CSN	CSO	OH Date CW
Main Landing gear RH	22730-000 08	B1	5,645	67	9-Jan-08
Main Landing gear LH	22731-000 08	B1	5,645	67	9-Jan-08
Nose Landing gear	23100-000 02	IL104	6,263	67	31-Dec-07

Service Bulletin Status

	LH	Dash #	RH	Dash #
Main LG Assy P/N	22730-000	08	22731-000	08
Main LG Trail Arm P/N	22435-000	06	22435-000	06
Main LG Body P/N	22415-000-	04	22415-000-	04

328-32-245
328-32-288
328-32-019
AD 97-24-1

	CW	CW
	CW	CW
	CW	CW
	CW	CW

APU

GTCP36-150DD Honeywell P-135 3,709 N/A

Engines General

Loc	S/N	Vendor	Model	TTE	TCE	TSO	TS HSI	LLP Limiter	Cyc Rem
LH	AB0065	PWC 119	B	5,178.9	4,283	5178.9	5178.9	Front Cover	8,760
RH	116011	PWC 119	B	3,586.6	3,798	3586.6	1728.0	Front Cover	9,247

Engines are "On Condition" no hard time TBO or Hot Section requirements. Events are cycle driven by LLP Limiter

Propellers

Loc	S/N	Vendor	Model	TSN	TSO	Blade TSN
LH	HL 306	Hartzell	HD-E6C-3B	3660.7	3660.7	3660.7
RH	HL 241	Hartzell	HD-E6C-3B	5180.8	5180.8	1712.1

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Maintenance Status History

Airframe D328

Insp. Status	Hr/Cyc Limit	Calendar Limit	Date C/W	Hours C/W	Cyc C/W	Calendar Remaining	Hours Remaining	Cycles Remaining
Phase1	N/A	14 Days	13-May-08	6,015.5	6263	11 Days	N/A	N/A
Phase2	N/A	6	8-Jan-08	5,922.0	6196	2 Mths	N/A	N/A
Phase3	N/A	12	9-Jan-08	5,922.0	6196	8 Mths	N/A	N/A
Phase4	N/A	24	7-Jan-08	5,922.0	6196	20 Mths	N/A	N/A
Phase5	N/A	48	9-Jan-08	5,922.0	6196	44 Mths	N/A	N/A
Phase6	N/A	96	28-Dec-04	4,305.6	5194	56 Mths	N/A	N/A
4000 FC	4,000 FH	N/A	15-Jul-04	4,157.4	5098	N/A	N/A	2835 cycs
6000 FC	6,000 FH	N/A	17-Jun-01	4,138.2	5008	N/A	N/A	4745 cycs
8000 FC	8,000 FH	N/A	29-Apr-97	0	0	N/A	N/A	1737 cycs
12000 FC	12,000 FH	N/A	29-Apr-97	0	0	N/A	N/A	5737 cycs
16000 FC	16,000 FH	N/A	29-Apr-97	0	0	N/A	N/A	9737 cycs
22000 FC	22,000 FH	N/A	29-Apr-97	0	0	N/A	N/A	15737 cycs
25000 FC	20,000 FH	N/A	29-Apr-97	0	0	N/A	N/A	13737 cycs
SSI 10	N/A	120 Mths	7-Jan-08	5922	6196	116 Mths	N/A	N/A
FAR 91.411/413	N/A	24 Mths	4-Jan-08	5922	6196	20 Mths	N/A	N/A
REWEIGH AIRCRAFT	N/A	36 Mths	8-Jan-08	5922	6196	32 Mths	N/A	N/A

Left Hand Engine Life Limited Components				AB0065	
P/N	S/N	Part	Limit	CSN	Cyc Remain
3038060	A000A5D9	LP Impeller	15,000	4,283	10,717
3037547	A000AEY6	HP Impeller	18,072	4,283	13,789
3041511	A000AWNC	HPT Disc	15,000	4,283	10,717
3039640	A000B5MR	Front cover	13,043	4,283	8,760
3039639	A000AT36	Rear cover	15,000	4,283	10,717
3039172	63B545	Air Seal	14,285	4,283	10,002
3039412	A000B50L	LPT Disc	15,000	4,283	10,717
3038513	A000AB1X	1st PT disc	30,000	4,283	25,717
3033914	A000B11X	2nd PT disc	30,000	4,283	25,717
3115601-01	Various	HPT Blades	13,000	4,283	8,717

Right Hand Engine Life Limited Components				116011	
P/N	S/N	Part	Limit	CSN	Cyc Remain
3038060	4E339	LP Impeller	15,000	3,796	11,204
3037547	4E618	HP Impeller	18,072	3,796	14,276
3041511	55A737	HPT Disc	15,000	3,796	11,204
3039640	51A793	Front cover	13,043	3,796	9,247
3039639	54A983	Rear cover	15,000	3,796	11,204
3039172	27B723	Air Seal	14,285	3,796	10,489
3039412	65A205	LPT Disc	15,000	3,796	11,204
3038513	54A879	1st PT disc	30,000	3,796	26,204
3033914	55A716	2nd PT disc	30,000	3,796	26,204
3115601-01	Various	HPT Blades	13,000	3,796	9,204

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Aircraft Configuration

Description	Type	Vendor	Part No	Qty
<u>02 General Requirements</u>				
FAA Certification Requirements		Dornier		
<u>Exterior Placards & Makings</u>				
Exterior Placards & Markings		Engilish		
<u>Interior Placards & Makings</u>				
Cabin Placards and Markings		English		
Cockpit Placards and Makings		Engilish		
<u>Auto Pilot / Flight Director</u>				
FD/AP Control	GP 300	Honeywell	7015327-905	1 ea
<u>Flight Management & Guidance Systems</u>				
Ctrl Display Unit	CD-810	Honeywell	7007549-906	1 ea
Data Loader	DL-900	Honeywell	7016600-902	1 ea
<u>Speech Communications</u>				
VHF Comm/Div Xponder	RCZ-833	Honeywell	7510700-862	2 ea
Audio Panel	AV-850-A	Honeywell	75130000-802	3 ea
<u>Data Transmission/ Automatic Calling</u>				
Calls Panel	Dornier STD	NEC	328-0500	1 ea
<u>Passanger Address and Entertainment System</u>				
Passanger Address Amplifier		AVTECH	5382-1	1 ea
<u>Audio & Video Monitoring & Intercommunications</u>				
Solid State Cockpit voice recoder		Lockheed Martin	S200-0012-00	1 ea

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Description	Type	Vendor	Part No	Qty
<u>Passanger Compartment</u>				
Cabin layout Pax Configuration		BEAerospace	Various	30 ea
Double Seats		BEAerospace		10 ea
Single seats		BEAerospace		10 ea
Cabin attendant Aft facing		BEAerospace		1 ea
<u>Buffet & Galley</u>				
Galley	Dornier Std	Mullenburg	106110	1 ea
<u>Emergency</u>				
ELT	STD	Artex	4530150	1 ea
PBE Hood	STD	PBASCO	119003-11	3 ea
<u>Flight Control & Monitoring System</u>				
Overhead Panel	Dornier STD	NEC	328-0013	1 ea
<u>Independent Instruments</u>				
Electronic Clock	Digital	ASTROTEC	AT6421R1	2 ea
<u>Centralized Fault Display / Data Recording System</u>				
Digital Flight Data Aquistion Unit	DA 800	Honeywell	7012248-937	2 ea
Accelerometer	Three Axis	Magnetek	3001-01-100	1 ea
Digital Flight Data Recorder		L3 Communications	2100-4043-00	1 ea
<u>Electronic Instrument System</u>				
EICAS Computer	Primus 2000 Glass Cockpit	Honeywell		
IAC (Intergrated Avionics Computer	IC800		7017300-11006	1 ea
	IC800C		7017300-14006	1 ea
EADI / EHSI Display Units	DU870	Honeywell	7014300-902	5 ea
<u>Wheels and Brakes</u>				
Main Wheel Brake Unit		Bendix	2610702-2	4 ea

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Description	Type	Vendor	Part No	Qty
<u>Air Data Inertial Reference System</u>				
Vertical Speed indicator	DU870 glass display	Honeywell		2ea
Air Data Inertial Reference Unit		Honeywell	HG2010AC02	2ea
Mach Airspeed Indicator	DU870 glass display	Honeywell		2ea
Altimeter Indicator	DU870 glass display	Honeywell		2ea
Air Data Computer	AZ840	Honeywell	7014700-917	1ea
<u>Standby Navigation System</u>				
EFIS Computer	IC800	Honeywell	7017300-11006	1ea
	IC800C	Honeywell	7017300-14006	1 ea
Standby Airspeed Indicator	ALT 100AMS	Smith Industries	WL 101AMS11	1 ea
Standby Magnetic Compass		Smith Industries	WL 1001KCA1	1 ea
Standby Horizon Indicator	AI 330K	Jet	01-1568-10	1 ea
EFIS Control Panel	IM803	Honeywell	7014940-902	2 ea
EFIS Symbol Generator	IC800/800C	Honeywell	7017300-11006/14006	1 ea
<u>Landing and Taxying Aids</u>				
ILS Receiver	RNZ851	Honeywell	7510100-831	1 ea
			7510100-834	1 ea
<u>Independent Position Determining</u>				
Weather Radar Transceiver	W-650	Honeywell	7021450-801	1 ea
TCAS II Computer	RT-904	Honeywell	4066010-910	1 ea
EGPWS computer	MkV	Sunstrand	700-1710-020	1 ea
Radio Altimeter Transceiver	RT300	Honeywell	7001840-932	2 ea
<u>Dependent Position Determining</u>				
DME Interrogator	RNZ851C	Honeywell	7510100-834	1 ea
RDMI	RNZ851C	Honeywell	7510100-834	1 ea
VOR Receiver	RNZ851C	Honeywell	7510100-834	1 ea
ADF Receiver	RNZ851	Honeywell	7510100-831	1 ea
ATC Txp	RNZ833	Honeywell	7510100-862	1 ea

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Description	Type	Vendor	Part No	Qty
<u>Position Computing</u>				
Flight Management Control Panel	CD-810	Honeywell	7007549-906	1 ea
<u>Oxygen</u>				
Bottle 77 cu ft			176226-77	1 ea
<u>Waste Disposal</u>				
Lavatory	Electric Flush		14328-002	1 ea
<u>Passenger / Crew Doors</u>				
Passenger Entry Door	Airstair	Dornier		1 ea
Service/Emergency Door	Swingout	Dornier		1 ea
<u>Emergency Exits</u>				
Emergency Exits	Underwing			2 ea
<u>Cargo Doors</u>				
Cargo Door	Swing out			1 ea

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