

### Aircraft

Type and Model: Dornier 328-100 Turboprop  
 Serial Number: 3010  
 Manufacture Date: 1994  
 Base: San Marcos, Texas



### Current Operational Weights

Operating Weight (with crew, galley, lav) : 20,550 lbs.  
 Max Gross Taxi Weight : 31,019 lbs.  
 Max Takeoff Weight : 30,843 lbs.  
 Max Landing Weight : 29,167 lbs.  
 Max Zero Fuel Weight : 27,800 lbs.

### Airframe

Total Airframe Hours Since New: 20,242.7  
 Total Airframe Cycles Since New: 23,919

### Inspection Status

#### Inspection Items

Hourly Inspections	Interval	Last Performed	Next Due
Line Check	60	20241.7	20301.7
A1	400	19912.1	20312.1
A2	800	19581.5	20381.5
A3	1200	20094.3	21294.3
A4	1600	N/A	N/A
A5	2000	18663.5	20663.5
C1	4000	19357.2	23357.2
C2	8000	17883.0	25883.0
C3	12000	17349.4	29349.4
C4	16000	18972.6	34972.6

Calendar Inspections	Interval	Last Performed	Next Due
Line Check	15 days	8/01/2008	8/16/2008
C1	24 mth	7/05/2007	7/31/2009
C2	48 mth	9/01/2005	9/30/2009
C3	72 mth	8/13/2004	8/31/2010
C4	96 mth	2/07/2007	2/28/2015

Structure Inspections	Interval	Last Performed	Next Due
SSI/CP2	24 mth	7/05/2007	7/31/2009
SSI/CP25	30 mth	4/11/2008	10/31/2010
CP4	48 mth	9/01/2005	9/30/2009
SSI/CP5	60 mth	9/01/2005	9/30/2010
SSI/CP10	120 mth	3/20/2002	3/31/2012

## Gear Status

Description	Limit	Remaining
NLG LEG	120 mth	104 mth
NLG BRACE	120 mth	101 mth
RH MLG LEG	120 mth	32 mth
RH MLG BRACE	120 mth	101 mth
LH MLG LEG	120 mth	26 mth
LH MLG BRACE	120 mth	101 mth

**Engine Status: Pratt & Whitney PW-119C**

**Engine Position: #1 Engine Serial: 116022**

TSN 18919.2

CSN 21829

TSO 8799.1

CSO 8972

TSHSI 8799.1

CSHSI 8972

### Engine Component

Description	Limit	Remaining
LP Impeller	15000	6028
HP Impeller	18072	9100
HPT Disk	15000	6028
HPT Front Cover	13043	4071
HPT Rear Cover	15000	6028
Interstage Air Seal	14285	5313
LPT Disk	15000	6028
PT1 Disk	30000	8171
PT2 Disk	30000	8171

**Engine Position: #2 Engine Serial: 116029**

TSN 18334.1

CSN 20259

TSO 6171.7

CSO 5980

TSHSI 6171.7

CSHSI 5980

### Eng. Component

Description	Limit	Remaining
LP Impeller	15000	9020
HP Impeller	18072	12092
HPT Disk	15000	9020
HPT Front Cover	13043	7063
HPT Rear Cover	15000	9020
Interstage Air Seal	14285	3743
LPT Disk	15000	9020
PT1 Disk	30000	9471
PT2 Disk	30000	9471

## Propeller Status

Propeller Position: #1 Propeller Serial: HL454  
TSN 5079.5

Description	Serial Number	Limit	Remaining
Blade	1850C	21110	16030.2
Blade	1855C	21110	16030.2
Blade	1853C	21110	16030.2
Blade	1854C	21110	16030.2
Blade	1852C	21110	16030.2
Blade	1851C	21110	16030.2
Hub	725A	37400	35175.4
Thrust Bearing	--	2200	2200
U/T Inspection	--	3000	3000
MPI	--	6000	920.2

Propeller Position: #2 Propeller Serial: HL43  
TSN 5752.6  
CSN N/A  
TSO 565.4  
CSO N/A

Description	Serial Number	Limit	Remaining
Blade	667C	21110	15922.8
Blade	666C	21110	15922.8
Blade	751C	21110	15922.8
Blade	760C	21110	15922.8
Blade	746C	21110	15922.8
Blade	752C	21110	15922.8
Hub	854A	37400	32212.8
Thrust Bearing	--	2200	1634.6
U/T Inspection	--	3000	2434.6
MPI	--	6000	5434.6

## Avionics

Aircraft is equipped with Honeywell Primus 2000 Integrated Avionics Suite which includes the following:

Flight Director: Built into the Integrated Avionics Computer (IAC)

Auto-Pilot: Built into the Integrated Avionics Computer (IAC)

COMMS: Dual Honeywell Units

NAVS: Dual Honeywell Units

ADF: Integrated into the Honeywell NAV Units

DME: Integrated into the Honeywell NAV Units

XPONDER: Mode "S" diversity transponder

RADAR: Primus 650 Weather Radar

TCAS: Honeywell RT-910 TCAS

EGPWS: Honeywell Mark VI EGPWS

RMI: Built into the Multi-Function Displays (MFD)

HSI: Built into the Multi-Function Displays (MFD)

ALTIMETER: Built into the Multi-Function Displays (MFD)

RAD ALT: Dual Honeywell RT-300

CVR/FDR: Honeywell CVR & FDR

## Features

5 Tube DU-870 EFIS Displays  
Dual 855B Radio Management Units (RMU)  
Dual Honeywell DA-800 Data Acquisition Units  
Dual Honeywell IC-800 Integrated Avionics Computer (IAC)  
Single AHZ-800 Attitude Heading Reference System (AHRS) with Single Inertial Reference System (IRS)  
Dual ADZ-840 Air Data Computers  
AI-330K Standby Horizon  
AV-850A Audio Control Panel  
JETPACK Emergency Power Supply  
PS-835C 115 Cubic Foot Oxygen Bottle  
Curtain for Passenger Door  
Cockpit Observer Seat  
Propeller Reverse  
Standby Compass



## Exterior

This aircraft was painted in 2004.

## Interior

Aircraft is currently configured for 30 passenger seats, but can be configured for 32 seats.

*Specifications and/or descriptions are provided as introductory information only. They do not constitute representation or warranties of Zenith Aviation, Inc. Accordingly, it is buyer's responsibility to verify specifications and equipment.*