



Specification and Status Summary  
*Dornier 328-100*  
*MSN3024*

# Specification and Status Summary

*Dornier 328-100*

Manufacturer's Serial Number  
3024

Registration Number  
N28AY

*Table of Contents:*

<b>Specifications</b> .....	<b>Page 1</b>
<b>Maintenance Status Summary</b> .....	<b>Page 4</b>
<b>Images</b> .....	<b>Page 5</b>

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Dornier 328-100

# SPECIFICATIONS

## Summary

	<b>MSN 3024</b>
Current Registration Number	N28AY
Minor Variant	-100
Date of Manufacture	1994
Total Hours Since New	16,980:21
Total Cycles Since New	17,969

## Engines

Make		Pratt & Whitney	
Model		PW119B	
<i>Engine LH - S/N: 116058 (as of March 2022)</i>		<i>Engine RH - S/N: 116059 (as of March 2022)</i>	
LLP Limiter	HP IMPELLER	LLP Limiter	7 LLPs PN 3072763-01, 3072766
Cycles Rem.	5,739	Cycles Rem.	10,162
CSN / TSN	17,575 / 16,622:16	CSN / TSN	17,356 / 16,411:08

## Props

Make		Hartzell	
Model		HD-E6C-3B	
<i>Prop LH - S/N: HL359 (as of March 2022)</i>		<i>Prop RH - S/N: HL359 (as of March 2022)</i>	
Hours to O/H	Hours: 4,608.4 / Cal: 6000 FH OVH	Hours to O/H	Hours: 5,171.4 / Cal: 6000 FH OVH
Thrust Bearing Hours	4,849.6	Thrust Bearing Hours	5,247.9
1 <sup>st</sup> Blade Limit Cycles	RT at 21,110 HR	1 <sup>st</sup> Blade Limit Cycles	RT at 21,110 HR
CSN / TSN	17,210 / 16,260:22	CSN / TSN	16,326 / 15,862:04

## Weights

Max. Take Off Weight	30,843 lbs
Max. Taxi Weight	31,019 lbs
Max. Zero Fuel Weight	27,800 lbs
Max. Landing Weight	29,167 lbs
Avg Operational Empty Weight	21,053 lbs
Fuel Capacity	1,116 US Gal

## APU

Make	Boeing
Model	GTCP36-150(DD)
S/N	P-181
CSN	8,381
TSN	8381:00

**Dornier 328-100**

**Landing Gears**

	Part Number	Serial Number	Overhaul Life				Scrap Life		O/H Due Date
			Interval		Remaining		Limit	Remaining	
			Cycles	Months	Cycles	Days	Cycles	Cycles	
LH MLG	22730-000-08	U88	22,000	120	20,243	1,153	65,000	47,527	14-May-25
LH MLG Trailing Arm	22435-000-6	010U4	22,000	120	20,243	1,153	65,000	47,527	14-May-25
LH MLG Drag Strut	24260-000-01	046	22,000	120	20,243	1,153	65,000	50,109	14-May-25
LH MLG Shock Absorber	22420-000-07	U94	22,000	120	20,243	1,153	65,000	26,483	14-May-25
RH MLG	22731-000-08	U35	22,000	120	20,243	1,153	65,000	47,527	14-May-25
RH MLG Trailing Arm	22435-000-6	U83	22,000	120	20,243	1,153	65,000	47,527	14-May-25
RH MLG Drag Strut	24260-000-01	U01	22,000	120	20,243	1,153	65,000	39,072	14-May-25
RH MLG Shock Absorber	22420-000-07	U74	22,000	120	20,243	1,153	65,000	31,124	14-May-25
NLG	23100-000-3	IL040	22,000	120	20,243	1,153	65,000	47,527	14-May-25
NLG Drag Strut	23200-000-02	IL102	22,000	120	20,243	1,153	65,000	51,642	14-May-25
NLG Shock Absorber	23110-000-01	IL040	22,000	120	20,243	1,153	65,000	47,527	14-May-25

**Avionics, Communication, E&E Inventory**

Component	Manufacturer	Model Number	Part Number	Mod Lvl
WEATHER RADAR RTA UNIT	Honeywell	WU-650	7008470-922	N/A
PRIMARY FLIGHT DISPLAY PILOT23	Honeywell LH	DU-870	7014300-902	N/A
MUTLI FUNCTION DISPLAY PILOT	Honeywell LH	DU-870	7014300-902	N/A
EICAS DISPLAY	Honeywell	DU-870	7014300-902	N/A
MUTLI FUNCTION DISPLAY COPILOT	Honeywell RH	DU-870	7014300-902	N/A
PRIMARY FLIGHT DISPLAY COPILOT	Honeywell RH	DU-870	7014300-902	N/A
AIR DATA COMPUTER 1	Honeywell	AZ-840	7014700-917	N/A
AIR DATA COMPUTER 2	Honeywell	AZ-840	7014700-917	N/A
STANDBY HORIZON	Honeywell	AI-330K	501-1568-10	N/A
CLEARANCE DELIVERY UNIT	Honeywell	CD850	7513000-836	N/A
STANDBY ALT/AIRSPEED	Honeywell	N/A	WL101AMS1	N/A
CLOCK LH	Honeywell	N/A	AT6421RI	N/A
CLOCK RH	Honeywell	N/A	AT6421RI	N/A
COMBINED FD/AP CONTROLLER	Honeywell	GP300	7015327-905	N/A
AUDIO CONTROL PANEL 1	Honeywell	AV-850A	7511001-912	N/A
AUDIO CONTROL PANEL 2	Honeywell	AV-850A	7511001-912	N/A
CONTROL DISPLAY UNIT	Honeywell	CD-810	7007549-906	N/A

**Dornier 328-100**

RADIO MANAGEMENT UNIT 1	Honeywell	RM-855B	7013270-934	N/A
RADIO MANAGEMENT UNIT 2	Honeywell	RM-855B	7013270-934	N/A
STANDBY COMPASS	Honeywell	N/A	WL1001KCA1	N/A
GPWS COMPUTER UNIT	Honeywell	MKV	965-0976-003-220-220	N/A
DATA ACQUISITION UNIT	Honeywell	DA-800	7013348-918	N/A
DATA ACQUISITION UNIT	Honeywell	DA-800	7013348-918	N/A
LIGHTING DIMMER	Honeywell	N/A	3296-40	N/A
INTEGRATED AVIONICS COMPUTER 2	Honeywell	IC-800C	7017300-14010	N/A
INTEGRATED AVIONICS COMPUTER 1	Honeywell	IC-800	7017300-11010	N/A
NAVIGATIONAL RECEIVER 2	Honeywell	RNZ-851	7510100-631	N/A
NAVIGATIONAL RECEIVER 1	Honeywell	RNZ-851	7510100-631	N/A
AUDIO PANEL OBSERVER	Honeywell	AV-850A	7511001-912	N/A
EMERGENCY POWER SUPPLY 2 FM	Honeywell	PS835C	501-1228-03	N/A
EMERGENCY POWER SUPPLY 35 FR	Honeywell	PS835C	501-1228-03	N/A
VHF 2 COMMUNICATION UNIT	Honeywell	RCZ-851	7510700-802	N/A
VHF 1 COMMUNICATION UNIT MODES	Honeywell	RCZ-851B	7510700-862	N/A
DATA LOADER	Honeywell	DL-800		N/A
AHRS 2	Honeywell	AH-800	HG2010AC02	N/A
AHRS 1	Honeywell	AH-800	HG2001AC02	N/A
TCAS COMPUTER	Honeywell	RT-910	4066010-904	N/A
RADIO ALTIMETER 2	Honeywell	RT-300	7001840-922	N/A
RADIO ALTIMETER 1	Honeywell	RT-300	7001840-922	N/A
COCKPIT VOICE RECORDER	Honeywell	--	S100-0080-00	N/A
FLIGHT DATA RECORDER	Honeywell	--	980-4700-001	N/A
EMERGENCY TRANSMITTER ELT	Honeywell	--	ELT97A2560000000	N/A

Dornier 328-100

## MAINTENANCE STATUS HISTORY

### Summary

<b>Current Registration Number</b>	MSN 3024
<b>Total Hours Since New</b>	N28AY
<b>Total Cycles Since New</b>	16,980:21
	17,969

### Maintenance Check Overview "LUMP Program"

Check	Period			Last Compliance			Hours / Landings		Days	
	Period Type	Hours	Days	Date	A/F Hours	A/F Cycles	Next Due	Life Rem.	Next Due	Life Rem.
PHASE 1 INSPECTION	Days	--	15	14-Oct-19	16,980:21	17,969	--	--	29-Oct-19	-871
PHASE 2 INSPECTION	Days	--	225	14-Oct-19	16,980:21	17,969	--	--	26-May-20	-661
PHASE 3 INSPECTION	Months	--	15	14-Oct-19	16,980:21	17,969	--	--	12-Jan21	-429
PHASE 4 INSPECTION	Months	--	30	14-Oct-19	16,980:21	17,969	--	--	14-Apr-22	27
PHASE 5 INSPECTION	Months	--	60	10-Nov-15	15,578:59	16,525	--	--	09-Nov-20	-493
PHASE 6 INSPECTION	Months	--	120	19-Dec-10	12,301:30	13,025	--	--	18-Dec-20	-454
FUNCTIONAL CHECK	Months	--	90	14-Oct-19	16,980:21	17,969	--	--	14-Apr-27	1,854
OPERATIONAL CHECK	Months	--	15	14-Oct-19	16,980:21	17,969	--	--	12-Jan-21	-429
6 MO	Months	--	6	14-Oct-19	16,980:21	17,969	--	--	13-Apr-20	-703
C3	--	--	--	--	--	--	--	--	--	--
C4	--	--	--	--	--	--	--	--	--	--
1 YEAR	Months	--	12	21-Feb-19	16,980:21	17,969	--	--	21-Feb-20	-755
2.5 YEAR	Months	--	30	14-Oct-19	16,980:21	17,969	--	--	14-Apr-22	27
5 YEAR	Months	--	60	10-Nov-19	15,578:59	16,525	--	--	09-Nov-20	-493
10 YEAR	Months	--	120	19-Dec-10	--	--	--	--	18-Dec-20	-454
8000 LANDINGS	Cycles	8,000	--	13-Sep-13	--	14,987	22,987	5,018	--	--
25K REPEAT 6K	Cycles	25,000	--	--	--	0	25,000	7,031	--	--
25K REPEAT 8K	Cycles	25,000	--	--	--	0	25,000	7,031	--	--
25K REPEAT 12K	Cycles	25,000	--	--	--	0	25,000	7,031	--	--
25K REPEAT 25K	Cycles	25,000	--	--	--	0	25,000	7,031	--	--

















