

Model	<b>MD83</b>
MSN	<b>49950</b>
Year of Manufacture	<b>1991</b>

Chapter 0	<b>General Description and Summary</b>
Chapter 3	<b>Design Weights</b>
Chapter 5	<b>Maintenance Details</b>
Chapter 23	<b>Communications</b>
Chapter 25	<b>Cabin Interior</b>
Chapter 28	<b>Fuel Systems</b>
Chapter 31	<b>Indicating and Recording Systems</b>
Chapter 32	<b>Landing Gear</b>
Chapter 32	<b>Wheels and Brakes</b>
Chapter 34	<b>Navigation</b>
Chapter 49	<b>APU Details</b>
Chapter 50	<b>Cargo</b>
Chapter 52	<b>Doors</b>
Chapter 72	<b>Engine Details</b>
Chapter 77	<b>Engine Indicating</b>

Model	<b>MD83</b>
MSN	<b>49950</b>
Year of Manufacture	<b>1991</b>

## Chapter 0 - General Description and Summary

Manufacturer	<b>McDonnell Douglas</b>		
Model	<b>MD83</b>		
MSN	<b>49950</b>		
Date of Manufacture	<b>18 November 1991</b>		
Production/Line Number	<b>0</b>		
Approach Category	<b>II</b>		
Noise Compliance	<b>III</b>		
ETOPS Capability	<b>Not Capable</b>		
Design Type Certification Basis	<b>FAR-25</b>		
Winglets	<b>No</b>		
Observer Crew	<b>1</b>		
Cabin Crew	<b>5</b>		
Stretcher Capable	<b>Yes</b>		
Handicapped Provisioned Seat	<b>0 %</b>		
Interior Placards & Signs	<b>Dual Language (English)</b>		
Model as per Type Certificate	<b>DC9-83</b>		
Crew Rest Fitted	<b>No</b>		
Seat Summary	<b>58 (54 Economy Class Seats, 4 Business Class Seats)</b>		
Secure Cockpit Door Fitted	<b>Yes</b>		
Maintenance Status Summary	<b>Date</b>	<b>CSN</b>	<b>TSN</b>
	<b>01 June 2010</b>	<b>34,813 CYC</b>	<b>31,577 FH</b>

## Chapter 3 - Design Weights

<b>Weights</b>	<b>Max Structural Design</b>	<b>Purchased</b>	<b>Additional Leased</b>	<b>Per AFM</b>
Max Taxi Weight	<b>161,000 Lbs</b>	-	-	<b>161,000 Lbs</b>
Max Take Off Weight	<b>160,000 Lbs</b>	-	-	<b>160,000 Lbs</b>
Max Zero Fuel Weight	<b>122,000 Lbs</b>	-	-	<b>122,000 Lbs</b>
Max Landing Weight	<b>139,500 Lbs</b>	-	-	<b>139,500 Lbs</b>
Basic Empty Weight	<b>83,869 Lbs</b>			
Date of Last Weighing	<b>Tentative: 07 June 2010</b>			
Weights and Balance System Fitted	<b>No</b>			

Model	<b>MD83</b>
MSN	<b>49950</b>
Year of Manufacture	<b>1991</b>

## Chapter 5 - Maintenance Details

### Aircraft Maintenance Program

Check Type	<b>A</b>	<b>C CHECK</b>
Hours Interval	<b>450</b>	<b>3,500</b>
Months Interval		<b>15</b>
Last Check Date	<b>01 June 2010</b>	<b>01 June 2010/C1</b>
Next Check Date		<b>01 Aug 2011</b>

Check Type	<b>STRUCTURE C CHECK</b>
Hours Interval	<b>15,000</b>
Days Interval	
Months Interval	
Cycles Interval	
Last Check Date	<b>21 September 2006</b>
Next Check Date	<b>21 December 2015</b>

### Aircraft Maintenance History

Check Type	<b>MRO A Check</b>	<b>+ C1 Check package</b>
Check Date	<b>01 June 2010</b>	<b>01 June 2010</b>
TSN	<b>31,577 FH</b>	<b>31,577 FH</b>
CSN	<b>34,813 CYC</b>	<b>34,813 CYC</b>
Check Facility	<b>Air Asia Tainan Taiwan</b>	<b>Air Asia Tainan Taiwan</b>

Check Type	<b>Landing Gear Check</b>	
Check Date	<b>14 April 2007</b>	<b>Next Overhaul:</b>
TSN	<b>29,348</b>	<b>a. NLG = 28/11/14</b>
CSN	<b>31,181</b>	<b>b.LH MLG= 25/09/11</b>
Check Facility	<b>AAR</b>	<b>c.RH MLG= 25/09/11</b>

Maintenance Program Basis	<b>MPD</b>
Maintenance Provider	
Corrosion Program	<b>CPCP</b>
Structural Inspection Program (SIP)	<b>Full</b>

---

---

## Aircraft Specification

Model	<b>MD83</b>
MSN	<b>49950</b>
Year of Manufacture	<b>1991</b>

Last Aircraft Maintenance Status	<b>01 June 2010</b>
Date	
Cycles Since New (CSN)	<b>34,813 CYC</b>
Time Since New (TSN)	<b>31,577FH</b>

## Engine Maintenance Program

Engine Condition Monitor	<b>Controlled In-House</b>
DeRate Policy	<b>No</b>

Model	<b>MD83</b>
MSN	<b>49950</b>
Year of Manufacture	<b>1991</b>

## Chapter 23 - Communications

Component	Qty	Manufacturer	Part Number
<b>CVR</b>	<b>1</b>	Honeywell	980-6022-001
		<i>Duration</i>	<i>30 mins</i>
		<i>Cockpit Switch</i>	<i>Yes</i>
		<i>Solid State</i>	<i>No</i>
<b>HF Transceiver</b>	<b>2</b>	Collins	622-3371-001
<b>SELCAL Decoder</b>	<b>1</b>	Motorola	N1335B
<b>VHF Transceiver</b>	<b>1</b>	Collins	622-1396-206
		<i>FM Immune</i>	<i>No</i>
		<i>8.33KHz</i>	<i>No</i>

## Chapter 25 - Cabin Interior

### Seats & Toilets

Component	Qty	Manufacturer	Part Number
<b>Business Class Seats</b>	<b>4</b>	PTC Aerospace	109970-xxx
8 passengers		<i>Life Jacket Location</i>	<i>In Seat</i>
		<i>Power Outlet</i>	<i>No</i>
		<i>Life Jacket Part Number</i>	<i>D21344-101</i>
		<i>Seat Mounted Video</i>	<i>No</i>
<b>Economy Class Seats</b>	<b>25</b>	PTC Aerospace	109092-xxx
50 passengers		<i>Life Jacket Location</i>	<i>In Seat</i>
		<i>Power Outlet</i>	<i>No</i>
		<i>Life Jacket Part Number</i>	<i>D21344-101, CHILD 216200-0</i>
		<i>Seat Mounted Video</i>	<i>No</i>
<b>Economy Class Seats</b>	<b>29</b>	PTC Aerospace	109093-xxx
87 passengers		<i>Life Jacket Location</i>	<i>In Seat</i>
		<i>Power Outlet</i>	<i>No</i>
		<i>Life Jacket Part Number</i>	<i>D-21344-101, CHILD 216200-0</i>
		<i>Seat Mounted Video</i>	<i>No</i>
Handicapped Provisioned Seat	<b>0%</b>		
Overhead Storage Bin	<b>Standard</b>		
CenterLife Raft Storage	<b>Yes</b>		
Toilet Qty	<b>3</b>		
Toilet System	<b>Vacuum-Flush</b>		
Handicapped Enabled Toilet Qty	<b>0</b>		

Model	<b>MD83</b>
MSN	<b>49950</b>
Year of Manufacture	<b>1991</b>

Baby Changing Table Qty    **0**

## Galleys

### Galley Summary

	Manufacturer	Part Number
<b>Aft G3</b>	NORDSKOG	1-700C
<b>Aft G4</b>	NORDSKOG	1-702C
<b>Fwd G1</b>	NORDSKOG	10-0119-1
<b>Fwd G2</b>	NORDSKOG	1-669C

### Galley: Aft G3

Component	Qty	Manufacturer	Part Number
<b>Galley</b>	<b>1</b>	NORDSKOG	1-700C
		<i>Galley System</i>	ATLAS
		<i>Original Fit</i>	Yes
		<i>Container Qty</i>	0
		<i>Full Trolley Qty</i>	2
		<i>Galley Location</i>	Aft G3
		<i>Half Trolley Qty</i>	0

### Galley: Aft G4

Component	Qty	Manufacturer	Part Number
<b>Galley</b>	<b>1</b>	NORDSKOG	1-702C
		<i>Galley System</i>	ATLAS
		<i>Original Fit</i>	Yes
		<i>Container Qty</i>	1
		<i>Full Trolley Qty</i>	2
		<i>Galley Location</i>	Aft G4
		<i>Half Trolley Qty</i>	0

### Galley: Fwd G1

Component	Qty	Manufacturer	Part Number
<b>Galley</b>	<b>1</b>	NORDSKOG	10-0119-1
		<i>Galley System</i>	ATLAS
		<i>Original Fit</i>	Yes
		<i>Container Qty</i>	1
		<i>Full Trolley Qty</i>	0
		<i>Galley Location</i>	Fwd G1

## Aircraft Specification

Model	<b>MD83</b>
MSN	<b>49950</b>
Year of Manufacture	<b>1991</b>

<i>Half Trolley Qty</i>	2
-------------------------	---

### Galley: Fwd G2

Component	Qty	Manufacturer	Part Number
<b>Galley</b>	<b>1</b>	<b>NORDSKOG</b>	<b>1-669C</b>
		<i>Galley System</i>	<i>ATLAS</i>
		<i>Original Fit</i>	<i>Yes</i>
		<i>Container Qty</i>	<i>1</i>
		<i>Full Trolley Qty</i>	<i>3</i>
		<i>Galley Location</i>	<i>Fwd G2</i>
		<i>Half Trolley Qty</i>	<i>0</i>

### Class Dividers

Component	Qty	Manufacturer	Part Number
<b>Class Divider</b>	<b>1</b>	<b>DRIESSEN</b>	<b>4061001-105</b>
		<i>Type</i>	<i>Fixed</i>
		<i>Location</i>	<i>Sta 350 LH</i>
<b>Class Divider</b>	<b>1</b>	<b>DRIESSEN</b>	<b>4061001-106</b>
		<i>Type</i>	<i>Fixed</i>
		<i>Location</i>	<i>Sta 350 RH</i>

Passenger Entertainment Audio	<b>None</b>
Passenger Entertainment Video	<b>None</b>

Model	<b>MD83</b>
MSN	<b>49950</b>
Year of Manufacture	<b>1991</b>

## Chapter 28 - Fuel Systems

Fuel Qty Indication Units	<b>Pounds</b>
Tank Capacity	<b>46,693 Lbs</b>
AUX Tanks	<b>Yes</b>
AUX Tanks Details	<b>LH MAIN,RH MAIN,CENTER, FWD AUX, AFTAUX</b>
Dipstick Calibration	<b>Pounds</b>

## Chapter 31 - Indicating and Recording Systems

<b>Component</b>	<b>Qty</b>	<b>Manufacturer</b>	<b>Part Number</b>
<b>Flight Data Acquisition Unit</b>	<b>1</b>	Hamilton Standard Division	ED-742951-9
		<i>FDAU Type</i>	<i>None</i>
<b>Flight Data Recorder</b>	<b>1</b>	Honeywell	980-4700-003
Data Loader	<b>Portable</b>		
EFIS	<b>Yes</b>		

Model	<b>MD83</b>
MSN	<b>49950</b>
Year of Manufacture	<b>1991</b>

## Chapter 32 - Landing Gear

Landing Gear Summary	Manufacturer	Model	Position
	<b>Boeing</b>	<b>5930999-5511</b>	<b>Left Main</b>
	<b>Boeing</b>	<b>5930999-5512</b>	<b>Right Main</b>
	<b>Boeing</b>	<b>5940337-5005</b>	<b>Nose</b>

### Landing Gear Details

	Left Main	Right Main	Nose
Position	<b>Left Main</b>	<b>Right Main</b>	<b>Nose</b>
Manufacturer	<b>Boeing</b>	<b>Boeing</b>	<b>Boeing</b>
Model	<b>5930999</b>	<b>5930999</b>	<b>5940337</b>
Dash Number	<b>5511</b>	<b>5512</b>	<b>5005</b>
MSN	<b>MAL709</b>	<b>MAL710</b>	<b>CPI837</b>
Last Landing Gear Maintenance Status Date	<b>01 February 2008</b>	<b>01 February 2008</b>	<b>01 February 2008</b>
Time Since New (TSN)	<b>99,999</b>	<b>99,999</b>	<b>99,999</b>
Cycles Since New (CSN)	<b>99,999</b>	<b>99,999</b>	<b>99,999</b>
Overhaul Cycles Interval	<b>20,000</b>	<b>20,000</b>	<b>16,500</b>
Overhaul Months Interval	<b>120</b>	<b>120</b>	<b>96</b>
Gear Status	<b>Exchanged</b>	<b>Exchanged</b>	<b>Exchanged</b>
Last Installation Date	<b>26 September 2001</b>	<b>26 September 2001</b>	<b>29 November 2006</b>
Last Overhaul Date	<b>30 November 2000</b>	<b>30 November 2000</b>	<b>07 October 2005</b>
Time Since Last Overhaul	<b>9,491</b>	<b>9,491</b>	<b>1,923</b>
Cycles Since Last Overhaul	<b>16,232</b>	<b>16,232</b>	<b>3,147</b>
Next Overhaul Date:	<b>25 Sept. 2011</b>	<b>25 Sept. 2011</b>	<b>28 Nov.2014</b>

## Chapter 32 - Wheels and Brakes

Brakes	Component	Qty	Manufacturer	Part Number
	<b>Brakes</b>	<b>4</b>	<b>Honeywell</b>	<b>2608892-1</b>
			<i>Brake Type</i>	<i>Steel</i>

Wheels	Component	Qty	Manufacturer	Part Number
	<b>Wheels</b>	<b>2</b>	<b>GOODYEAR</b>	<b>3910097-543</b>
			<i>Wheel Position</i>	<i>Nose</i>
	<b>Wheels</b>	<b>4</b>	<b>GOODYEAR</b>	<b>5930594-523</b>
			<i>Wheel Position</i>	<i>Main</i>

Model	<b>MD83</b>
MSN	<b>49950</b>
Year of Manufacture	<b>1991</b>

## Chapter 34 - Navigation

Component	Qty	Manufacturer	Part Number
ADF Control Panel	2	Collins	622-7080-001
ADF Transceiver	2	BENDIX	2041168-7501
Air Data Computer	2	Honeywell	HG280-D80
Altitude Heading Reference System	2	Litton	460800-03-06
ATC Transponder	2	Collins	622-7878-201
		<i>ATC Transponder Type</i>	<i>Mode S</i>
		<i>Combined ATC/TCAS Control Panel</i>	<i>Yes</i>
Distance Measuring Equipment	2	Collins	622-2921-001
Flight Management Computer	2	Canadian Marconi Company	100-601900-202
GPWS	1	Honeywell	965-1076-020-212-212
		<i>GPWS Type</i>	<i>EGPWS / TAWS</i>
		<i>Dedicated GPS</i>	<i>GPS</i>
		<i>Mode 6 Call Out Menu</i>	<i>MODE 6 CALL OUT MENU</i>
Marker Beacon	1	BENDIX	2087821-2811
Radio Altimeter Transceiver	2	Collins	622-3890-014
TCAS	1	Honeywell	622-8971-022
		<i>Change 7.0 Software</i>	<i>Yes</i>
		<i>TCAS Display</i>	<i>IVSI</i>
VHF Navigation Transceiver	2	Collins	4034240-906
		<i>FM Immune</i>	<i>No</i>
Weather Radar Computer	1	BENDIX	2041217-0414
Windshear Computer	1	Honeywell	4059845-911
RVSM Compliant	<b>Yes</b>		
GPS Navigation	<b>Yes (CMA-900 SERIES)</b>		

## Chapter 49 - APU Details

Manufacturer	<b>Honeywell</b>
Model	<b>GTCP85-98DHF</b>
MSN	<b>P-1016</b>
Time Since New (TSN)	<b>18,807</b>
Cycles Since New (CSN)	<b>99,999</b>
APU Maintenance Status Date	<b>22 January 2008</b>
Last Heavy Shop Visit Date	<b>22 January 2008</b>

## Aircraft Specification

Model	<b>MD83</b>
MSN	<b>49950</b>
Year of Manufacture	<b>1991</b>

Time Since Last Heavy Shop Visit	<b>18,807</b>
Cycles Since Last Heavy Shop Visit	<b>99,999</b>
Operator's Method of APU Time Calculation	<b>BY HOURMETER 0.6 : 1</b>

## Chapter 50 - Cargo

Deck	<b>Lower</b>
Cubic Capacity	<b>1013 ft<sup>3</sup></b>
Compartment Class	<b>C</b>
Cargo Loading System	<b>None</b>
Heating	<b>No</b>

### Remarks

Total lower cargo compartment divided as : forward, center, after.

## Chapter 52 - Doors

Airstairs Installed	<b>Fitted</b>
---------------------	---------------

## Chapter 72 - Engine Details

Engines Summary	Manufacturer	Model	MSN
	Pratt & Whitney	JT8D-219	718167
	Pratt & Whitney	JT8D-219	718269

### Engine Details

Manufacturer	<b>Pratt &amp; Whitney</b>	<b>Pratt &amp; Whitney</b>
Model	<b>JT8D-219</b>	<b>JT8D-219</b>
MSN	<b>718167</b>	<b>718269</b>
Status Date	<b>01 June 2010</b>	<b>01 June 2010</b>
Max Certified Thrust Rating	<b>21,700 Lbs</b>	<b>21,700 Lbs</b>
Current Operating Thrust Rating	<b>21,700 Lbs</b>	<b>21,700 Lbs</b>
TSN	<b>26,342 FH</b>	<b>33,156 FH</b>
CSN	<b>29,011 CYC</b>	<b>34,630 CYC</b>
Cycles Limiter (LLP)	<b>LPT SHAFT</b>	<b>LPT SHAFT T2/T3 &amp; others</b>
Cycles To Limiter (LLP)	<b>2,964 FC</b>	<b>610 FC</b>
On Watch	<b>0</b>	<b>0</b>
On Watch Comment	<b>0</b>	<b>0</b>

---

---

**Aircraft Specification**

Model **MD83**  
MSN **49950**  
Year of Manufacture **1991**

Comments **0** **0**

<b>Modules</b>	<b>TSLSV</b>	<b>CSLSV</b>	<b>TSLSV</b>	<b>CSLSV</b>
LPC				
HPC				
Comb				
HPT				
LPT				

**Disclaimer**

**Note: The aircraft status data provided herein is as of the spec date. The equipment listed herein is as of redelivery from the current lessee. The information contained herein is subject to verification against the certified aircraft records to be provided at delivery.**

**MSN 49950 CURRENT  
GALLEY INSERTS**

<b>G1 GALLEY NORDSKOG PN - 1-699C</b>				
<b>INSERTS</b>	<b>DESCRIPTION</b>	<b>MANUFACTURER</b>	<b>PART NO.</b>	<b>QTY</b>
	Coffee Maker	Midland Ross	416-0001-9	2
	Half Size Meal Cart	Ferlix	8200-C	2
<b>G2 GALLEY NORDSKOG PN - 1-700C</b>				
<b>INSERTS</b>	Oven	Sell	8101-26-0000C	2
	Full Size Meal Cart	Ferlix	C-9100	3
<b>G3 GALLEY NORDSKOG PN - 1-701C</b>				
<b>INSERTS</b>	Oven	Sell	8101-26-0000C	2
	Full Size Meal Cart	Ferlix	C-9100	2
<b>G4 GALLEY NORDSKOG PN - 1-702C</b>				
<b>INSERTS</b>	Coffee Maker	Midland Ross	416-0001-9	2
	Oven	Sell	8101-26-0000C	1
	Full Size Meal Cart	Ferlix	C-9100	1
	Full Size Waste Cart	Lermer	L17711-11	1

Prepared By:  
William L. Ferrer  
28 June 2005



