

# **Technical Specifications**

## **MD87**

**NOVEMBER 2008**

## • GENERAL DATA

- Manufacturer McDonnell Douglas
- Type & Model MD 87
- MSN
- Date of Manufacturing 1990
- Total Time Airframe 36775 FH
- Total Cycles Airframe 27602 FC
- Current Registration
- Country Registration SPAIN
- Owner Airlines
- Country of Registration Spain
- Current Operator

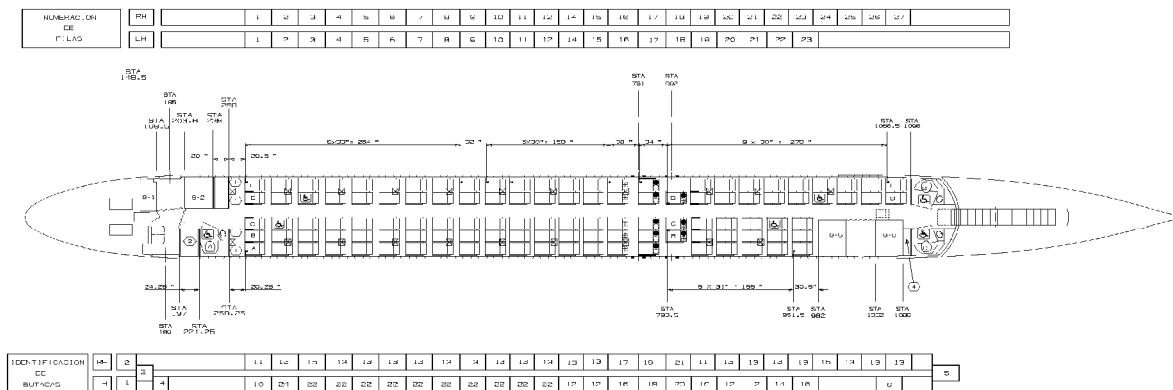
## • DIMENSION

- Length 42,9 m
- Wing Span 35,3 m
- Height 9,90 m

## • WEIGHT DATA

- Maximum Ramp Weight 62.142 kg.
- Maximum Take-Off Weight 61.689 kg.
- Maximum Zero Fuel Weight 50.802 kg.
- Maximum Landing Weight 58.060 kg.
- Fuel Capacity 5.845 Gals./ 22480 L.
- Autonomy 5 H.

# Configuration and Payload



|     |   | LAI PAJAN              |                  | PAJAN |   | PANGKATE |   |
|-----|---|------------------------|------------------|-------|---|----------|---|
| 1   | 2 | 3                      | 4                | 5     | 6 | 7        | 8 |
| 1   | 1 | INTAKA PRIMER 10000    | 2021-03-03-00-00 |       |   | 11141    |   |
| 2   | 1 | INTAKA SIKAPAK 10000   | 2021-03-04-00-00 |       |   | 10000    |   |
| 3   | 1 | INTAKA 100000000       | 2021-03-05-00-00 |       |   | 10000    |   |
| 4   | 1 | INTAKA LAJAN 100000000 | 2021-03-06-00-00 |       |   | 10000    |   |
| 5   | 1 | INTAKA LAJAN 100000000 | 2021-03-07-00-00 |       |   | 10000    |   |
| 6   | 1 | INTAKA LAJAN 100000000 | 2021-03-08-00-00 |       |   | 10000    |   |
| 7   | 1 | INTAKA LAJAN 100000000 | 2021-03-09-00-00 |       |   | 10000    |   |
| 8   | 1 | INTAKA LAJAN 100000000 | 2021-03-10-00-00 |       |   | 10000    |   |
| 9   | 1 | INTAKA LAJAN 100000000 | 2021-03-11-00-00 |       |   | 10000    |   |
| 10  | 1 | INTAKA LAJAN 100000000 | 2021-03-12-00-00 |       |   | 10000    |   |
| 11  | 1 | INTAKA LAJAN 100000000 | 2021-03-13-00-00 |       |   | 10000    |   |
| 12  | 1 | INTAKA LAJAN 100000000 | 2021-03-14-00-00 |       |   | 10000    |   |
| 13  | 1 | INTAKA LAJAN 100000000 | 2021-03-15-00-00 |       |   | 10000    |   |
| 14  | 1 | INTAKA LAJAN 100000000 | 2021-03-16-00-00 |       |   | 10000    |   |
| 15  | 1 | INTAKA LAJAN 100000000 | 2021-03-17-00-00 |       |   | 10000    |   |
| 16  | 1 | INTAKA LAJAN 100000000 | 2021-03-18-00-00 |       |   | 10000    |   |
| 17  | 1 | INTAKA LAJAN 100000000 | 2021-03-19-00-00 |       |   | 10000    |   |
| 18  | 1 | INTAKA LAJAN 100000000 | 2021-03-20-00-00 |       |   | 10000    |   |
| 19  | 1 | INTAKA LAJAN 100000000 | 2021-03-21-00-00 |       |   | 10000    |   |
| 20  | 1 | INTAKA LAJAN 100000000 | 2021-03-22-00-00 |       |   | 10000    |   |
| 21  | 1 | INTAKA LAJAN 100000000 | 2021-03-23-00-00 |       |   | 10000    |   |
| 22  | 1 | INTAKA LAJAN 100000000 | 2021-03-24-00-00 |       |   | 10000    |   |
| 23  | 1 | INTAKA LAJAN 100000000 | 2021-03-25-00-00 |       |   | 10000    |   |
| 24  | 1 | INTAKA LAJAN 100000000 | 2021-03-26-00-00 |       |   | 10000    |   |
| 25  | 1 | INTAKA LAJAN 100000000 | 2021-03-27-00-00 |       |   | 10000    |   |
| 26  | 1 | INTAKA LAJAN 100000000 | 2021-03-28-00-00 |       |   | 10000    |   |
| 27  | 1 | INTAKA LAJAN 100000000 | 2021-03-29-00-00 |       |   | 10000    |   |
| 28  | 1 | INTAKA LAJAN 100000000 | 2021-03-30-00-00 |       |   | 10000    |   |
| 29  | 1 | INTAKA LAJAN 100000000 | 2021-03-31-00-00 |       |   | 10000    |   |
| 30  | 1 | INTAKA LAJAN 100000000 | 2021-04-01-00-00 |       |   | 10000    |   |
| 31  | 1 | INTAKA LAJAN 100000000 | 2021-04-02-00-00 |       |   | 10000    |   |
| 32  | 1 | INTAKA LAJAN 100000000 | 2021-04-03-00-00 |       |   | 10000    |   |
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| 37  | 1 | INTAKA LAJAN 100000000 | 2021-04-08-00-00 |       |   | 10000    |   |
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| 44  | 1 | INTAKA LAJAN 100000000 | 2021-04-15-00-00 |       |   | 10000    |   |
| 45  | 1 | INTAKA LAJAN 100000000 | 2021-04-16-00-00 |       |   | 10000    |   |
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| 60  | 1 | INTAKA LAJAN 100000000 | 2021-05-01-00-00 |       |   | 10000    |   |
| 61  | 1 | INTAKA LAJAN 100000000 | 2021-05-02-00-00 |       |   | 10000    |   |
| 62  | 1 | INTAKA LAJAN 100000000 | 2021-05-03-00-00 |       |   | 10000    |   |
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| 75  | 1 | INTAKA LAJAN 100000000 | 2021-05-16-00-00 |       |   | 10000    |   |
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| 85  | 1 | INTAKA LAJAN 100000000 | 2021-05-26-00-00 |       |   | 10000    |   |
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| 89  | 1 | INTAKA LAJAN 100000000 | 2021-05-30-00-00 |       |   | 10000    |   |
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| 92  | 1 | INTAKA LAJAN 100000000 | 2021-06-02-00-00 |       |   | 10000    |   |
| 93  | 1 | INTAKA LAJAN 100000000 | 2021-06-03-00-00 |       |   | 10000    |   |
| 94  | 1 | INTAKA LAJAN 100000000 | 2021-06-04-00-00 |       |   | 10000    |   |
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| 97  | 1 | INTAKA LAJAN 100000000 | 2021-06-07-00-00 |       |   | 10000    |   |
| 98  | 1 | INTAKA LAJAN 100000000 | 2021-06-08-00-00 |       |   | 10000    |   |
| 99  | 1 | INTAKA LAJAN 100000000 | 2021-06-09-00-00 |       |   | 10000    |   |
| 100 | 1 | INTAKA LAJAN 100000000 | 2021-06-10-00-00 |       |   | 10000    |   |

| POSICIONES REPARADOR CABINA |                        |     |      |
|-----------------------------|------------------------|-----|------|
| POS.                        | DISTRIBUCION ARIZENTOR |     |      |
|                             | D/C                    | V/C | TOTA |
| 1                           | 1                      | 1   | 2    |
| 2                           | 1                      | 1   | 2    |
| 3                           | 1                      | 1   | 2    |
| 4                           | 1                      | 1   | 2    |
| 5                           | 1                      | 1   | 2    |
| 6                           | 1                      | 1   | 2    |
| 7                           | 1                      | 1   | 2    |
| 8                           | 1                      | 1   | 2    |
| 9                           | 1                      | 1   | 2    |
| 10                          | 1                      | 1   | 2    |
| 11                          | 1                      | 1   | 2    |
| 12                          | 1                      | 1   | 2    |
| 13                          | 1                      | 1   | 2    |
| 14                          | 1                      | 1   | 2    |
| 15                          | 1                      | 1   | 2    |
| 16                          | 1                      | 1   | 2    |
| 17                          | 1                      | 1   | 2    |
| 18                          | 1                      | 1   | 2    |
| 19                          | 1                      | 1   | 2    |
| 20                          | 1                      | 1   | 2    |
| 21                          | 1                      | 1   | 2    |
| 22                          | 1                      | 1   | 2    |
| 23                          | 1                      | 1   | 2    |
| 24                          | 1                      | 1   | 2    |
| 25                          | 1                      | 1   | 2    |
| 26                          | 1                      | 1   | 2    |
| 27                          | 1                      | 1   | 2    |
| 28                          | 1                      | 1   | 2    |
| 29                          | 1                      | 1   | 2    |
| 30                          | 1                      | 1   | 2    |
| 31                          | 1                      | 1   | 2    |
| 32                          | 1                      | 1   | 2    |
| 33                          | 1                      | 1   | 2    |
| 34                          | 1                      | 1   | 2    |
| 35                          | 1                      | 1   | 2    |
| 36                          | 1                      | 1   | 2    |
| 37                          | 1                      | 1   | 2    |
| 38                          | 1                      | 1   | 2    |
| 39                          | 1                      | 1   | 2    |
| 40                          | 1                      | 1   | 2    |
| 41                          | 1                      | 1   | 2    |
| 42                          | 1                      | 1   | 2    |
| 43                          | 1                      | 1   | 2    |
| 44                          | 1                      | 1   | 2    |
| 45                          | 1                      | 1   | 2    |
| 46                          | 1                      | 1   | 2    |
| 47                          | 1                      | 1   | 2    |
| 48                          | 1                      | 1   | 2    |
| 49                          | 1                      | 1   | 2    |
| 50                          | 1                      | 1   | 2    |
| 51                          | 1                      | 1   | 2    |
| 52                          | 1                      | 1   | 2    |
| 53                          | 1                      | 1   | 2    |
| 54                          | 1                      | 1   | 2    |
| 55                          | 1                      | 1   | 2    |
| 56                          | 1                      | 1   | 2    |
| 57                          | 1                      | 1   | 2    |
| 58                          | 1                      | 1   | 2    |
| 59                          | 1                      | 1   | 2    |
| 60                          | 1                      | 1   | 2    |
| 61                          | 1                      | 1   | 2    |
| 62                          | 1                      | 1   | 2    |
| 63                          | 1                      | 1   | 2    |
| 64                          | 1                      | 1   | 2    |
| 65                          | 1                      | 1   | 2    |
| 66                          | 1                      | 1   | 2    |
| 67                          | 1                      | 1   | 2    |
| 68                          | 1                      | 1   | 2    |
| 69                          | 1                      | 1   | 2    |
| 70                          | 1                      | 1   | 2    |
| 71                          | 1                      | 1   | 2    |
| 72                          | 1                      | 1   | 2    |
| 73                          | 1                      | 1   | 2    |
| 74                          | 1                      | 1   | 2    |
| 75                          | 1                      | 1   | 2    |
| 76                          | 1                      | 1   | 2    |
| 77                          | 1                      | 1   | 2    |
| 78                          | 1                      | 1   | 2    |
| 79                          | 1                      | 1   | 2    |
| 80                          | 1                      | 1   | 2    |
| 81                          | 1                      | 1   | 2    |
| 82                          | 1                      | 1   | 2    |
| 83                          | 1                      | 1   | 2    |
| 84                          | 1                      | 1   | 2    |
| 85                          | 1                      | 1   | 2    |
| 86                          | 1                      | 1   | 2    |
| 87                          | 1                      | 1   | 2    |
| 88                          | 1                      | 1   | 2    |
| 89                          | 1                      | 1   | 2    |
| 90                          | 1                      | 1   | 2    |
| 91                          | 1                      | 1   | 2    |
| 92                          | 1                      | 1   | 2    |
| 93                          | 1                      | 1   | 2    |
| 94                          | 1                      | 1   | 2    |
| 95                          | 1                      | 1   | 2    |
| 96                          | 1                      | 1   | 2    |
| 97                          | 1                      | 1   | 2    |
| 98                          | 1                      | 1   | 2    |
| 99                          | 1                      | 1   | 2    |
| 100                         | 1                      | 1   | 2    |

- [illegible]

FORM 10700-11 (REV. 11-2010)

[illegible]

1970年6月20日 5977 1740650 1970年6月20日 5977 1740650

PROVISIONES PASAJERO CAPACIDAD CISMENLIDA.  
PASSENGER FORTINDIVIDUAL PASSENGERS

CARROS PLEGADOS DE PRENSA.  
VARIABLE PACK.

 MESA EN BRAZO  
EN ARREST TABLE

 BRAZO EN VENTANILLA  
ARREST BLOCKED IN EMERGENCY EXIT

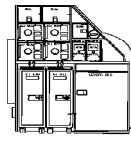
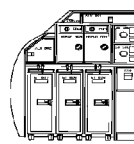
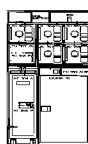
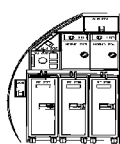
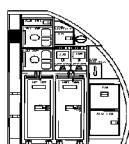
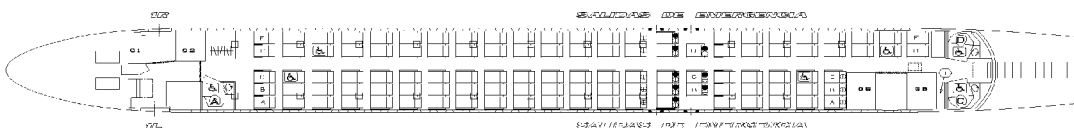
$\odot$   $\rightarrow$  PZ 172N112N, 1 IM1140N  
 LIMITED FIELD OF VIEW

$\odot$  W14 1944114N112N  
 173  $\rightarrow$  PZ 173N

○ ADJUSTED LIMITING  
LIMIT BREAKOVER

● SIN ADJUSTMENT  
NO BREAKOVER

|                               |     |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-------------------------------|-----|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| ANALYSIS OF<br>Life<br>- LOSS | R-4 |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
|                               |     |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                               | III |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |    |    |    |



WILEY

APRIL 2002

# CONFIGURATIONS AND PAYLOAD

|                            |                 |
|----------------------------|-----------------|
| Layout Configuration       | Y (One Class)   |
| Passenger Seats            | 116             |
| Crew members               | 5               |
| Total number of Crew Seats | 3 Pilot. 4 F/A  |
| Current Number of Crew     | 2P, 3F/A        |
| Number of Lavatories       | 3 (1FWD, 2 AFT) |
| Number of Coffe Makers     | 2 (2FWD)        |
| Number of Water Boilers    | 3 (1FWD, 2 AFT) |
| Number of Waste Containers | 4               |
| Cargo Baggage Loading      | Bulk            |
| Cargo Compartment Volume   | 938 Cubic Feet  |

## OPERATIONS COMPLIANCES

|                        |           |
|------------------------|-----------|
| BRNAV                  | Yes       |
| RVSM                   | Yes       |
| TCAS                   | Yes       |
| EFIS                   | Yes       |
| ACCOUSTIC FILLING ICAO | Chapter 3 |

## MAINTENANCE

EASA (JAR) 145 Approved Full Maintenance  
Line Maintenance : Sinaer  
Base Maintenance : Iberia Madrid  
Engine Heavy Maintenance : Iberia  
C Check Interval 3600 FH or 15 Month  
Last A Check : August 2008  
Last C Check : November 2008

# ENGINE SPECIFICATIONS

|                                                    |                       |
|----------------------------------------------------|-----------------------|
| Engine Manufacturer                                | Pratt & Whitney       |
| Engine Type & Model                                | PW JT8D-217C          |
| Maximum Thrust                                     | 20.850 Lbs./9.456 Kg. |
| Noise Compliance with ICAO Annex 16, Vol 1, Chap 3 |                       |

## Engine No.1.

|              |           |
|--------------|-----------|
| S/N          | P725864D  |
| TSN          | 31.669 FH |
| CSN          | 23.206 FC |
| TC Remaining | 5.810 FC  |

## Engine No.2

|              |           |
|--------------|-----------|
| S/N          | P726884D  |
| TSN          | 28.330 FH |
| CSN          | 29.245 FC |
| TC Remaining | 2.405 FC  |