



ERJ-145LR



#### General Characteristics

Serial Number 145641  
Mfg Date SEPT 2002  
Operator Alitalia Express since delivery

|                   |         |                |       |
|-------------------|---------|----------------|-------|
| Registration Mark | I- EXMF | TOTAL TIME     | 11639 |
|                   |         | TOTAL Landings | 11186 |

estimated on November 30th,2008

Maximum Take-off weight 21450 KG  
Maximum Landing weight 19300 KG  
Maximum zero-fuel weight 17900 KG

Engine Rolls Royce AE3007A1  
APU Hamilton Sundstrand APS 500 C14

Wheels and carbon brakes GOODRICH

Cabin Interior configuration 48 seats , single class  
seats C&D ZODIAC  
galley C&D ZODIAC

#### Avionics components:

|                             | VENDOR        | MODEL      | P/N                  | QTY                          |
|-----------------------------|---------------|------------|----------------------|------------------------------|
| Auto Pilot                  | HONEYWELL     | IC600      | 7017000-82430        | 2 ( pos 1 with A/P function) |
| Integrated COMM unit        | HONEYWELL     | RCZ-833K   | 7510700-665          | 2                            |
| Air Data Cmptr              | HONEYWELL     | AZ-840     | 7014700-622          | 2                            |
| AHRU                        | HONEYWELL     | AH-800     | HG2010AC02           | 2                            |
| Wx Radar                    | HONEYWELL     | WU-880     | WU-880               | 1                            |
| EGPWS                       | HONEYWELL     | Mark V     | 965-0976-003-202-202 | 1                            |
| Integrated NAV unit         | HONEYWELL     | RNZ-851    | 7510100-631          | 2                            |
| FMS                         | HONEYWELL     | NZ2000     | 7018879-03014        | 2                            |
| EFIS Symbol gen#1           | HONEYWELL     |            | 7017000-82430        | 1                            |
| EFIS Symbol gen#2           | HONEYWELL     |            | 7017000-83430        | 1                            |
| TCAS 2000                   | HONEYWELL     | RT-951     | 7517900-55003        | 1                            |
| DISPLAY UNIT                | HONEYWELL     | DU-870     | 7014300-901          | 5                            |
| DATA ACQUISITION UNIT (DAU) | HONEYWELL     | DA-800     | 7013348-949          | 2                            |
| ELT                         | HONEYWELL     | ELT96      | ELT96A2560000000     | 1                            |
| OQAR                        | Penny & Giles | D52000     | D52000-60000         | 1                            |
| SSCVR                       | L3-COMM       | FA2100-CVR | 2100-1020-02         | 1                            |
| SSFDR                       | L3-COMM       | FA2100-FDR | 2100-4043-00         | 1                            |

#### Airframe Status

| Check     | Interval  | LAST ACCOMPLISHED | Remaining / next due |
|-----------|-----------|-------------------|----------------------|
| A         | 500 FH    | 04/07/2008        | 123 FH               |
| BASIC 1   | 5,000 FH  | 19/03/2007        | 2,358 FH             |
| BASIC 2   | 10,000 FH | 19/03/2007        | 7,358 FH             |
| BASIC 3   | 20,000 FH | not due           | 8,360 FH             |
| 1YR       | 12 months | 07/03/2008        | 07/03/2009 next due  |
| 2YR       | 24 months | 07/03/2008        | 07/03/2010 next due  |
| 3YR       | 36 months | 07/03/2008        | 07/03/2011 next due  |
| 4YR       | 48 months | 22/09/2006        | 22/09/2010 next due  |
| Weighting | 4 years   | 12/12/2006        | 12/12/2010 next due  |

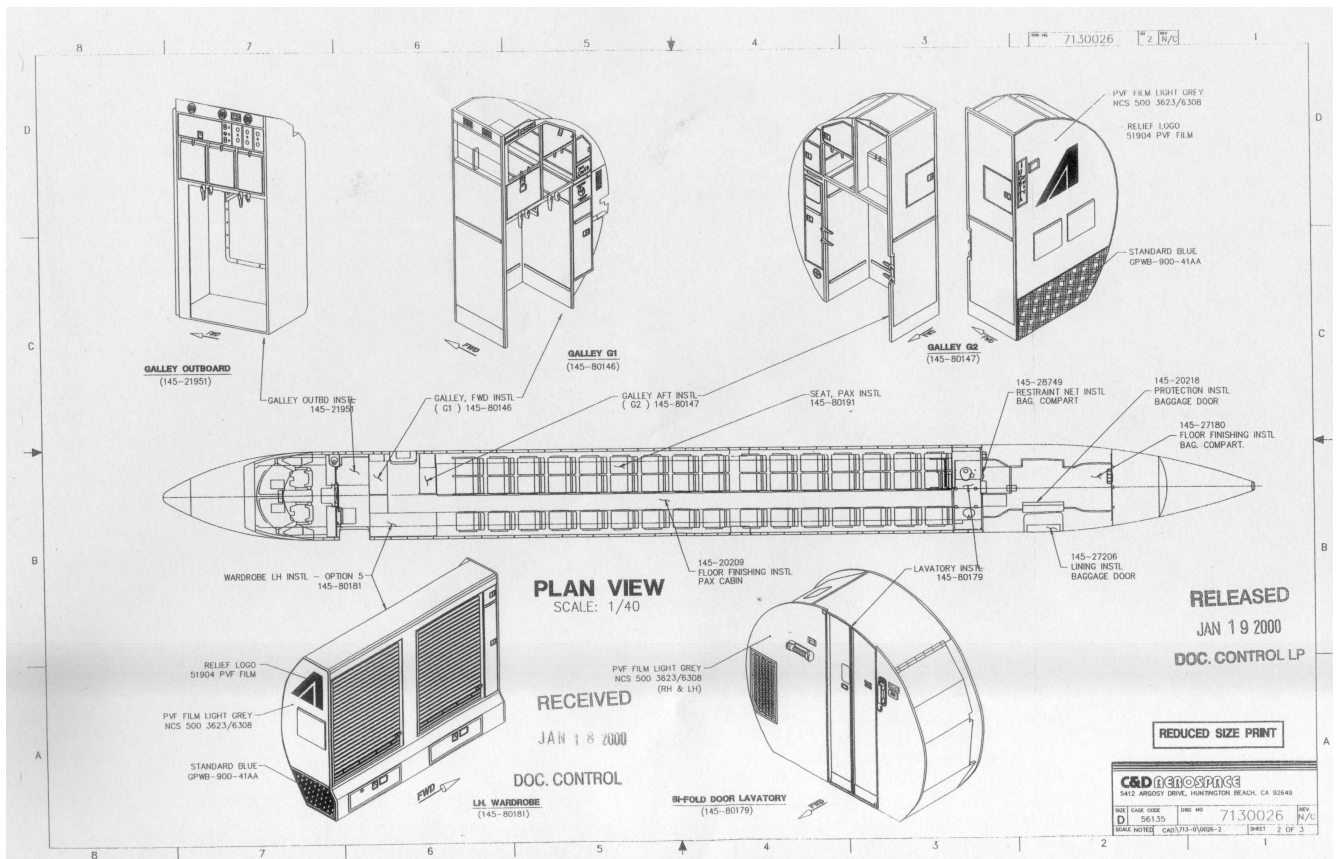
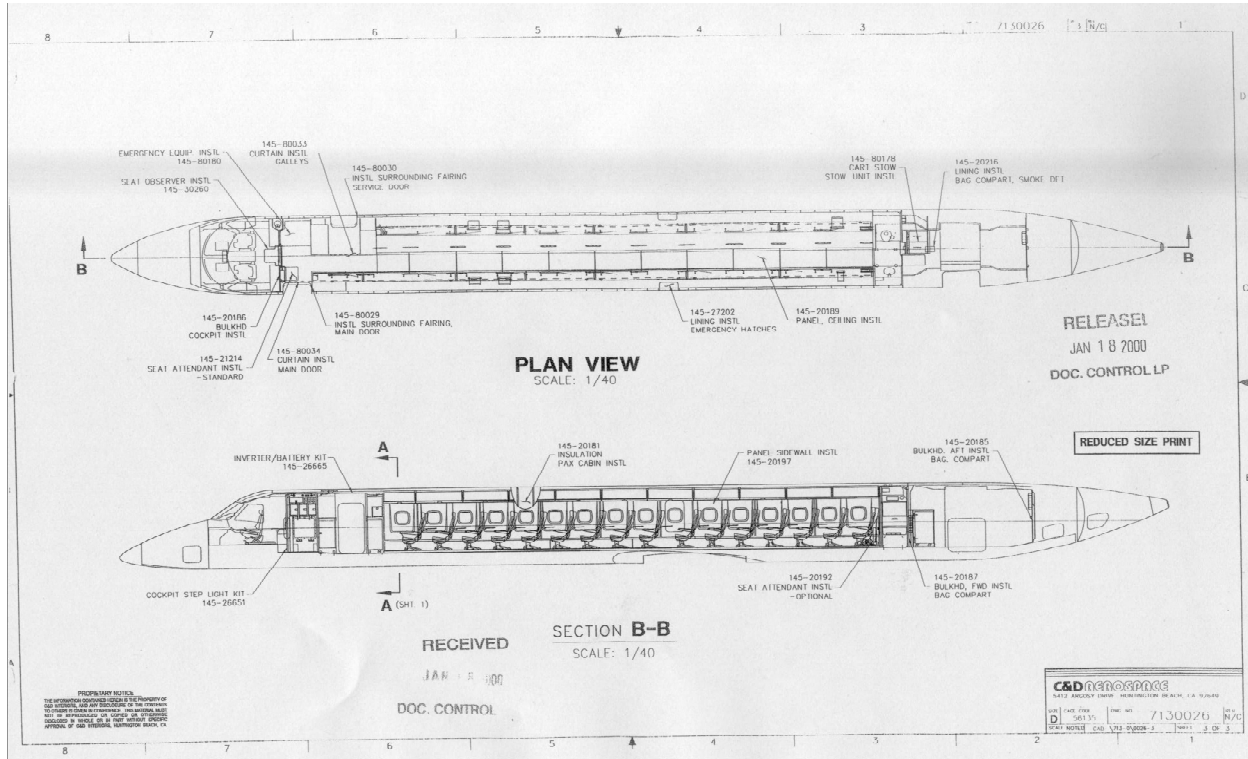
#### Engines Status

|                   | ESN         | TSN    | CSN    | TSLSV | CSLSV |           |
|-------------------|-------------|--------|--------|-------|-------|-----------|
| LH Engine         | CAE311534   | 13,437 | 13,118 | 6600  | 6139  | REMAINING |
| LLP first Limiter | TW513497    | 6600   | 6139   | 6600  | 6139  | 3861      |
| RH Engine         | CAE312446   | 8247   | 7410   | 375   | 445   | REMAINING |
| LLP first Limiter | TW518188    | 375    | 445    | 375   | 445   | 9555      |
| APU               | SP-E0714915 | 2182   | 2155   | 2,182 | 2155  |           |

#### Landing Gears Status

|                      | P/N           | S/N     | CSN   | CSO   | INTERVAL        | REMAINING     |
|----------------------|---------------|---------|-------|-------|-----------------|---------------|
| LH Main Landing Gear | 2309-3002-515 | 395     | 11185 | 11185 | 20000 FC or 12Y | 8815FC/2161DD |
| LH Main Side Strut   | 2309-3500-503 | 795     | 11185 | 11185 | 20000 FC or 12Y | 8815FC/2161DD |
| RH Main Landing Gear | 2309-3002-516 | 395     | 11185 | 11185 | 20000 FC or 12Y | 8815FC/2161DD |
| RH Main Side Strut   | 2309-3500-503 | 796     | 11185 | 11185 | 20000 FC or 12Y | 8815FC/2161DD |
| Nose Landing Gear    | 1170C0000-04  | 776     | 11185 | 11185 | 20000 FC or 12Y | 8815FC/2161DD |
| NLG Drag Brace       | 1172C0000-02  | SP699-2 | 11185 | 11185 | 20000 FC or 12Y | 8815FC/2161DD |

LAYOUT DI CABINA COME DA "DRAWINGS" C & D



NOTES: UNLESS OTHERWISE SPECIFIED

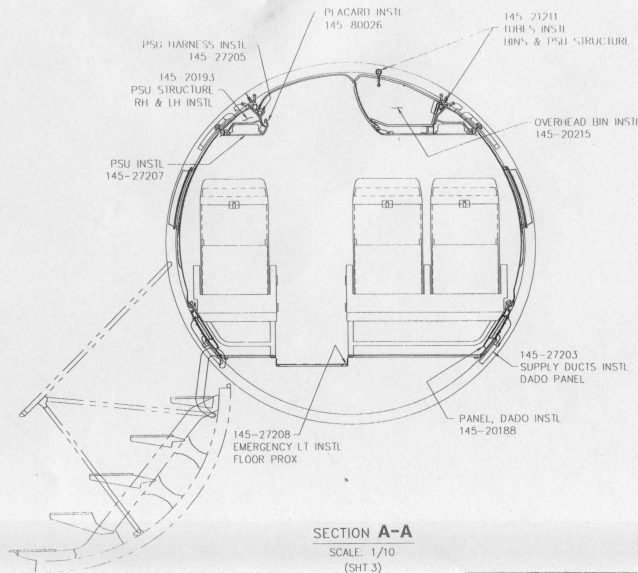
1 FOR CORRECT AIRCRAFT CONFIGURATION IDENTIFICATION SEE MASTER KIT LIST 7130000 LATEST REVISION

7130026  
INITIAL RELEASE, EO 145-807287

RECEIVED  
JAN 18 2000  
DOC. CONTROL

RELEASE  
JAN 18 2000  
DOC. CONTROL I.P.

| NOTICE<br>THIS DRAWING<br>NOT COMPLETE<br>WITHOUT THE ATTACHED<br>OUTSTANDING CHANGE NOTICE(S) (ECN) |      |
|------------------------------------------------------------------------------------------------------|------|
| CHANGE NOTICE NO.                                                                                    | REV. |
|                                                                                                      |      |
|                                                                                                      |      |
|                                                                                                      |      |



SECTION A-A  
SCALE: 1/10  
(SHT 3)

REDUCED SIZE PRINT

|                         |  |                      |  |                  |  |
|-------------------------|--|----------------------|--|------------------|--|
| EMD-145                 |  | CONTRACT NO. 713     |  | DATE 12-21-99    |  |
| APPLICATION             |  | APPROVALS            |  | C&D ENGINEERING  |  |
| NEXT REV. USED ON       |  | DRAWN: Hoo Nguyen    |  | SHEET NO. 1 OF 3 |  |
| DO NOT SCALE ON DRAWING |  | CHECKED: [Signature] |  | 7130026          |  |
|                         |  | DATE: 1/10/00        |  | 7130026          |  |
|                         |  | DATE: 1/18/00        |  | 7130026          |  |
|                         |  | DATE: 1/18/00        |  | 7130026          |  |