



**SE-MKA — SE-MKM**  
 MSN 1276-1341;1574;1626  
 ATR 72-600, 72 SEATS

| MAXIMUM CARGO MASS (kg) |       |          |      |
|-------------------------|-------|----------|------|
| FWD HOLD                |       | AFT HOLD |      |
| LEFT                    | RIGHT | FWD      | AFT  |
| 448                     | 288   | 302      | 442* |

\* Higher mass may be applicable depending on aircraft registration. Contact CMD prior to exceeding the values above.

| BEM/BEI to DOM/DOI |       |        |
|--------------------|-------|--------|
| CREW               | ΔMASS | ΔINDEX |
| 2 / 0              | +170  | -11    |
| 2 / 1              | +245  | -7     |
| 2 / 2              | +320  | -10    |
| 3 / 0              | +255  | -16    |
| 3 / 1              | +330  | -12    |
| 3 / 2              | +405  | -15    |
| CATERING (KG)      | ΔMASS | ΔINDEX |
| 80                 | +80   | +4     |
| 100                | +100  | +5     |
| 120                | +120  | +6     |
| 140                | +140  | +7     |
| 160                | +160  | +8     |

Select one crew code and one catering mass. Adjust BEM/BEI accordingly to obtain DOM/DOI.

| No. | MIXED | MALE | FEMALE | CHILD |
|-----|-------|------|--------|-------|
| 1   | 86    | 90   | 72     | 37    |
| 2   | 172   | 180  | 144    | 74    |
| 3   | 258   | 270  | 216    | 111   |
| 4   | 344   | 360  | 288    | 148   |
| 5   | 430   | 450  | 360    | 185   |
| 6   | 516   | 540  | 432    | 222   |
| 7   | 602   | 630  | 504    | 259   |
| 8   | 688   | 720  | 576    | 296   |
| 9   | 774   | 810  | 648    | 333   |
| 10  | 860   | 900  | 720    | 370   |
| 11  | 946   | 990  | 792    | 407   |
| 12  | 1032  | 1080 | 864    | 444   |
| 13  | 1118  | 1170 | 936    | 481   |
| 14  | 1204  | 1260 | 1008   | 518   |
| 15  | 1290  | 1350 | 1080   | 555   |
| 16  | 1376  | 1440 | 1152   | 592   |
| 17  | 1462  | 1530 | 1224   | 629   |
| 18  | 1548  | 1620 | 1296   | 666   |
| 19  | 1634  | 1710 | 1368   | 703   |
| 20  | 1720  | 1800 | 1440   | 740   |
| 21  | 1806  | 1890 | 1512   | 777   |
| 22  | 1892  | 1980 | 1584   | 814   |
| 23  | 1978  | 2070 | 1656   | 851   |
| 24  | 2064  | 2160 | 1728   | 888   |
| 25  | 2150  | 2250 | 1800   | 925   |
| 26  | 2236  | 2340 | 1872   | 962   |
| 27  | 2322  | 2430 | 1944   | 999   |
| 28  | 2408  | 2520 | 2016   | 1036  |
| 29  | 2494  | 2610 | 2088   | 1073  |
| 30  | 2580  | 2700 | 2160   | 1110  |
| 31  | 2666  | 2790 | 2232   | 1147  |
| 32  | 2752  | 2880 | 2304   | 1184  |
| 33  | 2838  | 2970 | 2376   | 1221  |
| 34  | 2924  | 3060 | 2448   | 1258  |
| 35  | 3010  | 3150 | 2520   | 1295  |
| 36  | 3096  | 3240 | 2592   | 1332  |

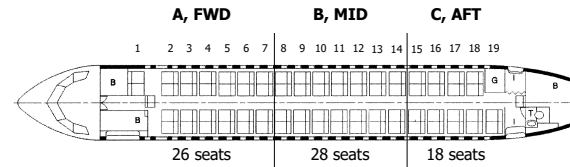
| No. | MIXED | MALE | FEMALE | CHILD |
|-----|-------|------|--------|-------|
| 37  | 3182  | 3330 | 2664   | 1369  |
| 38  | 3268  | 3420 | 2736   | 1406  |
| 39  | 3354  | 3510 | 2808   | 1443  |
| 40  | 3440  | 3600 | 2880   | 1480  |
| 41  | 3526  | 3690 | 2952   | 1517  |
| 42  | 3612  | 3780 | 3024   | 1554  |
| 43  | 3698  | 3870 | 3096   | 1591  |
| 44  | 3784  | 3960 | 3168   | 1628  |
| 45  | 3870  | 4050 | 3240   | 1665  |
| 46  | 3956  | 4140 | 3312   | 1702  |
| 47  | 4042  | 4230 | 3384   | 1739  |
| 48  | 4128  | 4320 | 3456   | 1776  |
| 49  | 4214  | 4410 | 3528   | 1813  |
| 50  | 4300  | 4500 | 3600   | 1850  |
| 51  | 4386  | 4590 | 3672   | 1887  |
| 52  | 4472  | 4680 | 3744   | 1924  |
| 53  | 4558  | 4770 | 3816   | 1961  |
| 54  | 4644  | 4860 | 3888   | 1998  |
| 55  | 4730  | 4950 | 3960   | 2035  |
| 56  | 4816  | 5040 | 4032   | 2072  |
| 57  | 4902  | 5130 | 4104   | 2109  |
| 58  | 4988  | 5220 | 4176   | 2146  |
| 59  | 5074  | 5310 | 4248   | 2183  |
| 60  | 5160  | 5400 | 4320   | 2220  |
| 61  | 5246  | 5490 | 4392   | 2257  |
| 62  | 5332  | 5580 | 4464   | 2294  |
| 63  | 5418  | 5670 | 4536   | 2331  |
| 64  | 5504  | 5760 | 4608   | 2368  |
| 65  | 5590  | 5850 | 4680   | 2405  |
| 66  | 5676  | 5940 | 4752   | 2442  |
| 67  | 5762  | 6030 | 4824   | 2479  |
| 68  | 5848  | 6120 | 4896   | 2516  |
| 69  | 5934  | 6210 | 4968   | 2553  |
| 70  | 6020  | 6300 | 5040   | 2590  |
| 71  | 6106  | 6390 | 5112   | 2627  |
| 72  | 6192  | 6480 | 5184   | 2664  |



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ATR 72-600, 72 SEATS

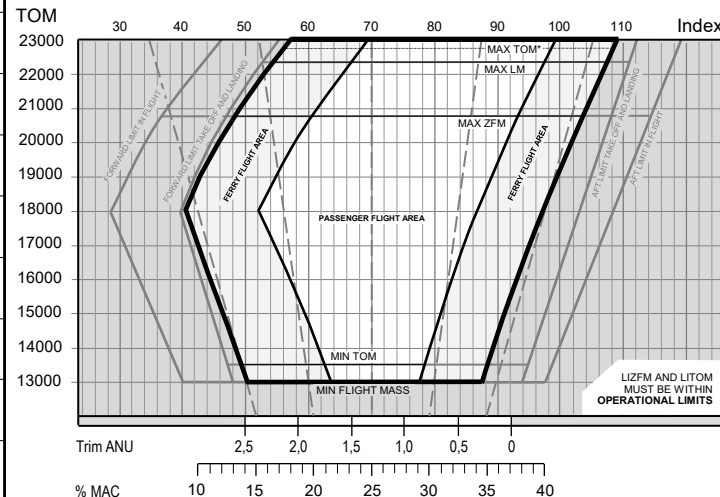
# LOADSHEET and BALANCE TABLE

All masses in kg



| BALANCE       | INDEX |     | LMC |     |
|---------------|-------|-----|-----|-----|
|               | -     | +   | -   | +   |
| DOI           |       |     |     |     |
| FWD Hold      |       |     |     |     |
| Section A     |       |     |     |     |
| Section B     |       |     |     |     |
| Section C     |       |     |     |     |
| AFT Hold      |       |     |     |     |
| Observer seat |       |     |     |     |
| SUM           |       |     |     |     |
| Minus         |       |     |     |     |
| LIZFM         |       |     |     |     |
| Fuel          |       |     |     |     |
| LITOM         |       |     |     |     |
| STABTO        |       | ANU |     | ANU |

Pax on observer seat: -5 index



|               |             |             |           |
|---------------|-------------|-------------|-----------|
| From          | Date        | Flight nr   | ACFT reg. |
| Crew          | Prepared by | Approved by |           |
| De-icing type | %           | Time        | Sign      |
| ALT           | /           | EET         | END       |
| Enroute ALT   | Notes       |             |           |

| FWD Hold         |       |
|------------------|-------|
| Max load: 736 kg |       |
| Kg               | Index |
| 100              | -5    |
| 200              | -10   |
| 300              | -15   |
| 400              | -20   |
| 500              | -26   |
| 600              | -31   |
| 700              | -36   |
| 10               | -1    |
| 20               | -1    |
| 30               | -2    |
| 40               | -2    |
| 50               | -3    |
| 60               | -3    |
| 70               | -4    |
| 80               | -4    |
| 90               | -5    |

| Section A FWD |       |
|---------------|-------|
| No            | Index |
| 1             | -2    |
| 2             | -5    |
| 3             | -7    |
| 4             | -9    |
| 5             | -12   |
| 6             | -14   |
| 7             | -16   |
| 8             | -18   |
| 9             | -21   |
| 10            | -23   |
| 11            | -25   |
| 12            | -28   |
| 13            | -30   |
| 14            | -32   |
| 15            | -35   |
| 16            | -37   |
| 17            | -39   |
| 18            | -41   |
| 19            | -44   |
| 20            | -46   |
| 21            | -48   |
| 22            | -51   |
| 23            | -53   |
| 24            | -55   |
| 25            | -58   |
| 26            | -60   |

| Section B MID |       |
|---------------|-------|
| No            | Index |
| 1             | 1     |
| 2             | 1     |
| 3             | 2     |
| 4             | 3     |
| 5             | 3     |
| 6             | 4     |
| 7             | 5     |
| 8             | 5     |
| 9             | 6     |
| 10            | 7     |
| 11            | 7     |
| 12            | 8     |
| 13            | 9     |
| 14            | 9     |
| 15            | 10    |
| 16            | 11    |
| 17            | 11    |
| 18            | 12    |
| 19            | 13    |
| 20            | 13    |
| 21            | 14    |
| 22            | 15    |
| 23            | 15    |
| 24            | 16    |
| 25            | 17    |
| 26            | 17    |
| 27            | 18    |
| 28            | 19    |

| Section C AFT |       |
|---------------|-------|
| No            | Index |
| 1             | 3     |
| 2             | 6     |
| 3             | 10    |
| 4             | 13    |
| 5             | 16    |
| 6             | 19    |
| 7             | 22    |
| 8             | 26    |
| 9             | 29    |
| 10            | 32    |
| 11            | 35    |
| 12            | 38    |
| 13            | 42    |
| 14            | 45    |
| 15            | 48    |
| 16            | 51    |
| 17            | 54    |
| 18            | 57    |

| AFT Hold            |       |
|---------------------|-------|
| Max load: See cover |       |
| Kg                  | Index |
| 100                 | 7     |
| 200                 | 13    |
| 300                 | 20    |
| 400                 | 26    |
| 500                 | 33    |
| 600                 | 39    |
| 700                 | 46    |
| 10                  | 1     |
| 20                  | 1     |
| 30                  | 2     |
| 40                  | 3     |
| 50                  | 3     |
| 60                  | 4     |
| 70                  | 5     |
| 80                  | 5     |
| 90                  | 6     |

Max Taxi Mass 22970 kg  
Max Take Off Mass\* 22800 / 23000 kg  
Max Landing Mass 22350 kg  
Max Zero Fuel Mass\* 20800 / 21000 kg  
Min Take Off Mass 13500 kg  
Min Flight Mass 13000 kg

| FUELING ORDER               | Tank  | Minimum ramp fuel | Fuel uplift |           | Supplied quantity (according to fuel receipt) |  |
|-----------------------------|-------|-------------------|-------------|-----------|-----------------------------------------------|--|
|                             |       | kg                | Ordered kg  | Actual kg |                                               |  |
|                             | Left  |                   |             |           | Liter                                         |  |
|                             | Right |                   |             |           | LBS                                           |  |
| Total                       |       |                   |             |           | Imp. gal.                                     |  |
| Actual quantity check TIME: |       |                   |             |           |                                               |  |

| Fuel |       |
|------|-------|
| Kg   | Index |
| 500  | 1     |
| 1000 | 2     |
| 1500 | 3     |
| 2000 | 4     |
| 2500 | 5     |
| 3000 | 5     |
| 3500 | 6     |
| 4000 | 7     |
| 4500 | 8     |
| 5000 | 8     |

\* Verify MAX ZFM/TOM with aircraft documentation before exceeding lower value.