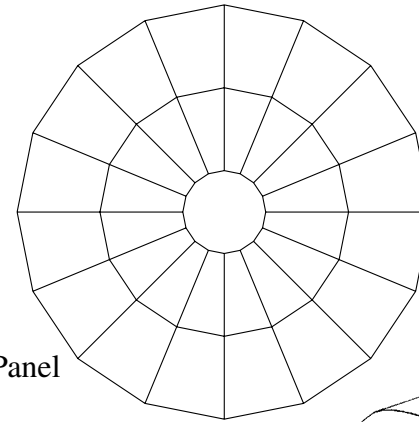


Type 'D' Design Chart

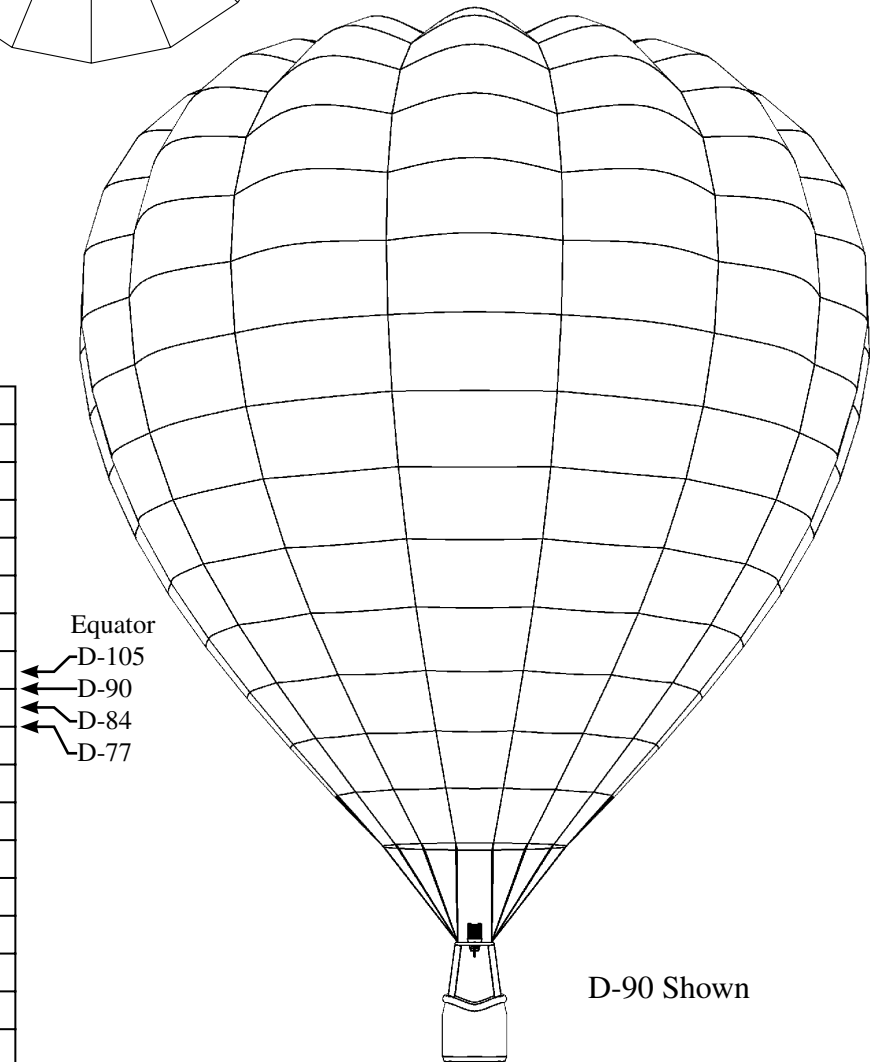
Type 'D' Envelopes are made up of 16 vertical gores. The panels forming each gore are numbered from the bottom with the nomex base panel being No.1. The height of each panel is 1.45 meters and the panel width at the equator on each model is shown on the table below. Gore 4 is on top when the balloon is laid out for inflation (i.e. scoop is on the opposite side)



Vent Panel

| MODEL | D-77 | D-84 | D-90 | D-105 |
|---------------------------|--------|--------|--------|---------|
| Volume Cu.Ft. | 77,000 | 84,000 | 90,000 | 105,000 |
| Volume Cu.M. | 2,190 | 2,380 | 2,549 | 2,970 |
| Max. Panel Width (metres) | 3.4 | 3.5 | 3.6 | 3.7 |

| Top Panel | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|---------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|
| D-90/105 → 17 | | | | | | | | | | | | | | | | |
| D-77/84 → 16 | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | | | |



D-90 Shown