Table 2

Medium Headform - Exterior Dimensions (Continued)

| Θ | Level +5 Z=2.250 | | | Level +6 Z=2.560 | | |
|-----|------------------|--------|-------|------------------|--------|-------|
| | R | х | Y | R | х | Υ |
| 0 | 2,526 | 2,526 | 0 | 1.798 | 1.798 | 0 |
| 10 | 2.521 | 2.483 | 0.483 | 1.798 | 1.771 | 0.312 |
| 20 | 2.464 | 2.315 | 0.843 | 1.757 | 1.651 | 0.601 |
| 30 | 2.387 | 2.067 | 1.194 | 1.719 | 1.489 | 0.860 |
| 40 | 2.305 | 1.766 | 1.482 | 1.678 | 1.285 | 1.079 |
| 50 | 2.232 | 1.435 | 1.710 | 1.652 | 1.062 | 1.266 |
| 60 | 2.174 | 1.087 | 1.883 | 1.641 | 0.821 | 1.421 |
| 70 | 2,144 | 0.733 | 2.015 | 1.645 | 0.563 | 1.546 |
| 80 | 2.132 | 0.370 | 2.100 | 1.673 | 0.291 | 1.648 |
| 90 | 2.147 | 0 | 2.147 | 1.712 | 0 | 1.712 |
| 100 | 2.213 | -0.384 | 2.179 | 1.809 | -0.314 | 1.782 |
| 110 | 2.316 | -0.792 | 2.176 | 1.925 | -0.658 | 1.809 |
| 120 | 2,463 | -1.232 | 2.133 | 2.066 | -1.033 | 1.789 |
| 130 | 2.624 | -1.687 | 2.010 | 2.213 | -1.423 | 1.695 |
| 140 | 2.763 | -2.117 | 1.776 | 2.358 | -1.806 | 1.516 |
| 150 | 2.863 | -2.479 | 1.432 | 2.469 | -2.138 | 1.235 |
| 160 | 2.919 | -2.743 | 0.988 | 2.536 | -2.383 | 0.867 |
| 170 | 2.954 | -2.909 | 0.513 | 2.561 | -2.522 | 0.445 |
| 180 | 2.958 | -2.958 | 0 | 2.556 | -2.556 | 0 |

| 100 110 120 130 140 150 160 170 | 2.213 2.316 2.463 2.624 2.763 2.863 2.919 2.954 2.958 | -0.384 -0.792 -1.232 -1.687 -2.117 -2.479 -2.743 -2.909 -2.958 | 2.179 2.176 2.133 2.010 1.776 1.432 0.988 0.513 | 1.809 1.925 2.066 2.213 2.358 2.469 2.536 2.561 2.556 | -0.314 -0.658 -1.033 -1.423 -1.806 -2.138 -2.383 -2.522 -2.556 | 1.782 1.809 1.789 1.695 1.516 1.235 0.867 0.445 |
|--|---|--|--|--|---|--|
| | | | | | | |
| | | Level +7 Z=2.750 |) | Notes: | | |
| Θ | R | X | Y | | cated at (-0.75, 0, | 3.02) |
| 0 10 20 30 40 50 60 | | | | 1. Apex is loc for (X,Y,Z for (R, 0, 2. Center of (0.40, 2.78 (2.80, 81.8 | () or (0.75, 180, 3. Z). ear opening is loca 3, -2.36) for (X,Y, 3, -2.36) for (R,O, imensions by 0.89 | ted at Z) or Z). |

| 170 180 | 2.954 2.958 | -2.909 -2.958 | 0.513 0 | 2.561 2.556 | -2.522 -2.556 | 0.445 0 | |
|--|--|--|--|---|---|------------|--|
| Θ | Level +7 Z=2.750 | | | Notes: | | | |
| 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 | 1.081 1.088 1.055 1.039 1.039 1.052 1.068 1.106 1.171 1.242 1.422 1.489 1.683 1.801 1.954 2.083 2.138 2.175 | 1.081 1.072 0.991 0.990 0.796 0.676 0.534 0.378 0.203 0 -0.247 -0.509 -0.842 -1.158 -1.497 -1.804 -2.009 -2.142 | 0 0.189 0.361 0.520 0.668 0.806 0.925 1.039 1.153 1.242 1.400 1.399 1.458 1.380 1.256 1.042 0.731 0.378 | for (X,Y,; for (R, Θ, 2. Center of (0.40, 2.7, (2.80, 81. 3. Scale all c small head 4. Scale all c headform mid-sagitt 6. Units: R, X,Y,; Θ – deg 7. To obtain | Apex is located at (-0.75, 0, 3.02) for (X,Y,Z) or (0.75, 180, 3.02) for (X, Y, Z) or (0.75, 180, 3.02) for (R, Θ, Z). Center of ear opening is located at (0.40, 2.78, -2.36) for (X,Y,Z) or (2.80, 81.8, -2.36) for (R,Θ,Z). Scale all dimensions by 0.8941 for small headform. Scale all dimensions by 1.069 for large headform. Headform is symmetrical about the mid-sagittal plane. Units: R, X,Y,Z — inches. Θ — degrees. To obtain metric equivalents in centimeters, multiply each figure by 2.54. | | |