

Atlas E/ALWAAS

Derived from page H3 in Nasa 19780071276_1978071276.pdf

Weights are in pounds

| | Booster Phase | Sustainer Phase | |
|------------------|--------------------------|----------------------------|-------------------|
| Payload | 1800 | 1800 | |
| Oxidizer | 173298 | | |
| Fuel | 75342 | | |
| Propellant | 248640 | 106175 | <= Educated Guess |
| Jettisoned | 223 | 329 | |
| Sustainer | 6469 | | |
| Booster | 7232 | | |
| Total Inert | 13924 | 6140 | |
| <hr/> | | | |
| GLOW | 264364 | 8269 | |
| Stage Wt | 262564 | 6469 | |
| Mf | 264364 | 8269 | |
| Me | 15724 | 6140 | |
| Payload Ratio | 0.007 | 0.218 | |
| Structural Coef | 0.053 | 0.055 | |
| Propellant Ratio | 0.947 | 0.945 | |
| Mf/Me Ratio | 16.813 | 1.347 | |