

# Erratum

*Issue 3, Summer, 1996, page 42, "Ammonium Perchlorate Composite Basics"*

Section **The Propellant System** / Subsection **Oxidizer** / Second paragraph of this section:

“Ammonium perchlorate contains 34% available oxygen, considerably less than that of the sodium or potassium salts. Nevertheless, because of the low weight fraction of solids in their combustion gases, propellants containing it have overall performance characteristics exceeding that obtainable with either of the other two oxidizers. It also has the advantage of not producing smoke.”

The value of “34% available oxygen” should have been 55% available oxygen (technically, 54.47%). The author of the article apparently obtained the incorrect value from, *Rocket Propulsion Elements*, by George Sutton, 5<sup>th</sup> edition, 1986, which has subsequently been corrected.