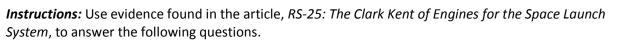
## Analysis of RS-25: The Clark Kent of Engines for the Space Launch System Pre-Assessment



- 1. How many total engines will be used for the Space Launch System, and with which fuels will these engines be powered?
- 2. What is a Space Launch System (SLS)?
- 3. How might one describe the amount of pressure that accompanies the engine when it is in use?
- 4. The new SLS will use four, rather than three, engines. What recommendations would you make regarding the mass of each engine?
- 5. What recommendations would you make regarding the materials that should be used to create the engine and engine turbines?