



Rugged Refuel Hose Storage Prize Challenge

9 February - 31 March

Judging Criteria

The Rugged Refuel Hose Storage Prize Challenge guidelines were to design a light-weight and rugged hose storage and delivery system for Air Force Special Operations refuel teams that is compatible with current refueling hose lengths and sizes.

The refueling teams must be able to quickly dispense the fuel lines from their stored configuration for refueling operations, which will be permanently attached to the refueling cart on one end, while the other will go out to an aircraft to be refueled.

- Speed, ease, and reliability of the hose extraction/retraction system
- Ease of use for manual override when DC power fails
- Weight of system (lower is better)
- Size (smaller is better)

Challenge Winners

- 1st Place -- Bernharde Design and Development -- \$7,000
- 2nd Place -- tie between -- Austin Stokes -- \$2,500 -- Zackary Rodrigue -- \$2,500
- 3rd Place -- Jenish Patel -- \$3,000