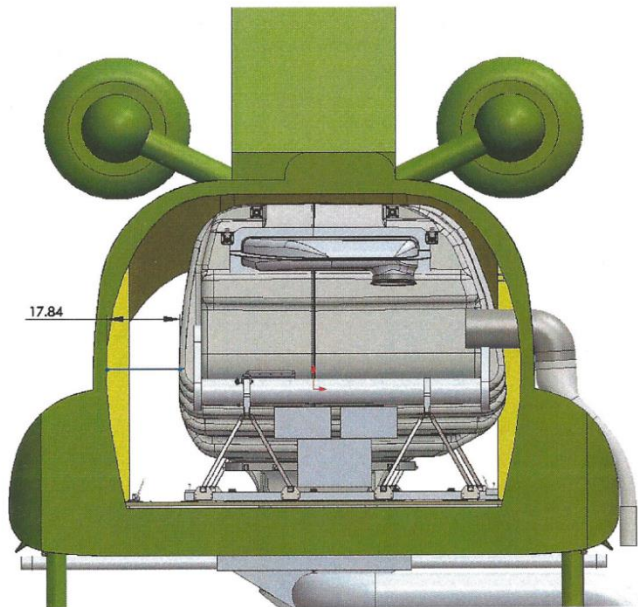


Simplex Aerospace based in Portland, OR, is the world leader in airborne fire-fighting systems. The company has recently completed the development and certification of a unique Fire Attack System for the Boeing CH-47 Chinook heavy lift helicopter for Oregon-based launch customer Columbia Helicopters. This new system comprises a roll-on/roll-off internal tank with a capacity of 2,800 US gallons of fire retardant.

BENEFITS OF THE NEW CH-47 FAS:

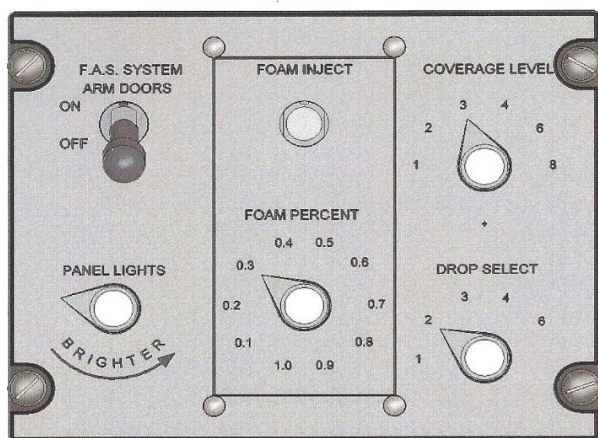
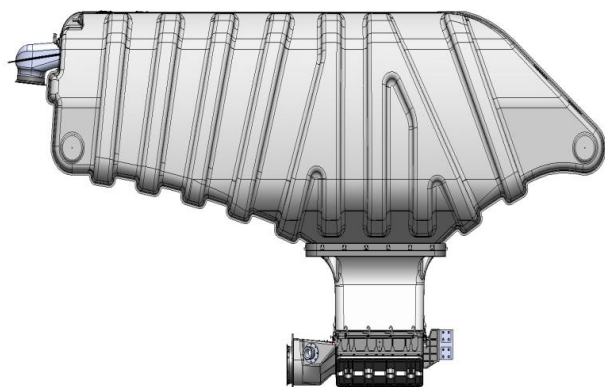
- Urban & wildland fire-fighting capability
- Extremely cost effective operations
- Rapid installation & deployment
- High capacity retardant tank & foam tank
- Controlled drop patterns
- Hoverpump to allow refill over water bodies





FEATURES & SPECIFICATIONS:

- Access for flight crew/fire fighters
- Lightweight composite materials
- Rugged & durable construction
- Easy installation/removal process
- Fatigue & corrosion resistant
- Main tank capacity: 2,800 US gal
- Foam tank: 140 US gal
- Tank fill time: 45 seconds
- Discharge time: <4 seconds
- Helicopter Vne with FAS: >140 kts



FIRE ATTACK SYSTEM CONTROL:

- Retardant level indications
- Variable drop pattern control
- Tank selector & emergency dump
- Foam percent selection
- Release door arming



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