



Modular Aerial Fire Fighting System (MAFFS)

Ann Suter, Wildland Fire Chemical Systems - MTDC



MAFFS



MAFFS 2

Details about the current unit:

- holds 3000 gallons in 5 tanks, 2 manifolds; but restricted to 2700 gallons
- compressor stays at the base
- achieves all coverage levels up to 4 gpc
- stores air at 1200 psi
- capable of releasing a full load in less than 7 seconds
- loads can be divided in some models
- operates with the cargo ramp down
- empty weight 10,500 pounds

Details about the new unit:

- holds 3600 gallons for the E&H model
- includes two onboard compressors
- achieves all coverage levels up to 8 gpc
- stores 394 pounds of air at 1450 psi
- capable of releasing a full load in less than 7 seconds
- loads can be divided into eighths, quarters and halves
- operates with the cargo ramp closed
- has an onboard, 160-gallon tank for foam and chlorinated agents