



Modular Aerial Fire Fighting System (MAFFS)

Ann Suter, Wildland Fire Chemical Systems - MTDC



MAFFS



MAFFS II

Details about the current unit:

- ➔ holds 3000 gallons
- ➔ the tank is made out of aluminum
- ➔ compressor stays at the base
- ➔ achieves 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 into thirds
- ➔ operates with the cargo ramp down

Details about the new unit:

- ➔ holds 3600 gallons for the E & H model
- ➔ the tank is made out of carbon fiber
- ➔ includes an onboard compressor
- ➔ 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