MISSION FLEXIBILITY

The GUARDIAN® APACHE Combo Pak IAFS uses state of the art technology to provide additional mission flexibility and enhanced combat capability for the Apache. Mission commanders now have the opportunity to increase range and endurance for deep penetration missions without the need to trade rockets or missiles for an externally mounted auxiliary fuel tank. The GUARDIAN® APACHE Combo Pak IAFS consists of a 100-gallon internal auxiliary fuel tank integrated with an ammunition storage magazine. The aluminum honeycomb/fiberglass fuel tank assembly is fitted with a self-sealing, crashworthy bladder, single-point pressure refueling capability, nitrogen inerting capability, a fuel transfer pump, a manual fuel quantity indicator for ground crews, an electronic fuel quantity probe and signal conditioner for fuel quantity display on the AH-64D MFD. The integrated ammunition storage and handling assembly is fully compatible with the M230 feed system, and including the rounds in the chute, provides a total of at least 300 rounds of 30mm ammunition using the side loader. The GUARDIAN® APACHE Combo Pak IAFS is completely interchangeable with the standard ammunition storage magazine and GUARDIAN® APACHE 130-gallon IAFS in either the AH-64A or AH-64D. Using the Apache Magazine and Auxiliary Tank Transfer System (AMATTs), the Combo Pak IAFS may be installed or removed from the AH-64A/D helicopter in less than thirty (30) minutes by two personnel.

SYSTEM OVERVIEW

- 100± gallons of auxiliary fuel for the AH-64A/D
- Crashworthy auxiliary fuel tank with self-sealing bladder (.50 caliber, 14.5mm)
- Single-point pressure refuelable simultaneously with helicopter main tanks
- Nitrogen inerted
- Quick drain and sump drain
- Integrated ammunition magazine providing at least 300 rounds of 30mm ammunition, including the rounds in the chute
- Interchangeable with the standard ammunition storage magazine and the GUARDIAN® APACHE 130-gallon IAFS
- Installation or removal in less than 30 minutes using the AMATTs
- Wing stores freed for additional weapons
- Minimal aircraft modifications