



Donaldson
FILTRATION SOLUTIONS
AEROSPACE & DEFENSE

**ROTORCRAFT AUXILIARY POWER UNIT
INLET BARRIER FILTER SYSTEMS for
MILITARY AIRCRAFT**

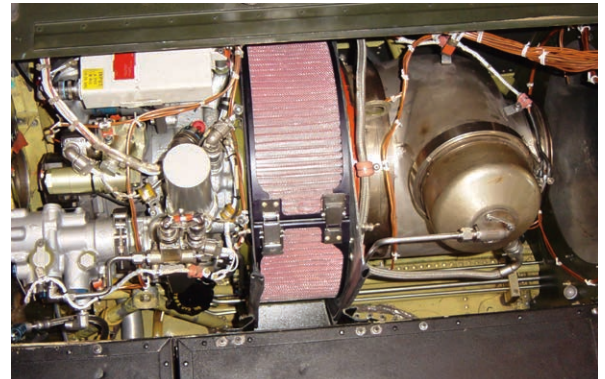


INSTALL BEFORE FLIGHT

Helicopters routinely contend with dust, sand and debris that attack turbine engines and impact engine reliability, hampering efficient engine operation. Installing an Inlet Barrier Filter (IBF) system is the most effective way to protect engines from damage ranging from lost efficiency to catastrophic failure while adding significant advantages.

Donaldson Military platform APU IBF Systems (U.S. patent #6,824,582) are available for the UH-60 BLACK HAWK, SH-60 SEAHAWK, AH-64 Apache, CH-47 Chinook, UH-1Y Venom, and AH-1Z Viper.

- Meets established APU time between overhaul limits
- Extends APU life due to elimination of erosion
- Provides clean filter air to secondary systems
- Available factory-direct
- No operating limitations
- 99% particle separation efficiency at rated APU airflow



AH-64A Apache APU

PERFORMANCE AT-A-GLANCE

Features	UH-60 BLACK HAWK, UH-1Y Venom, AH-1Z Viper Hamilton Sundstrand APU Part number 104002-101	UH-60 BLACK HAWK, Honeywell APU Part number 104003-101	AH-64A Apache Part number 110001-103	AH-64D Apache Part number 110001-105	CH-47 Chinook Part number 104004-101
Design Features	Structurally integrated APU kit; two rugged half moon filters designed for fast filter exchange; common APU model firewall provisions	Structurally integrated APU kit; two rugged half moon filters designed for fast filter exchange; common APU model firewall provisions; integrated APU lifting lug	Structurally integrated APU kit; new inlet plenum with dual entry inlets; two rugged half moon filters for fast filter exchange; improved sealing system	Structurally integrated APU kit; new inlet plenum with dual entry inlets; two rugged half moon filters for fast filter exchange; improved sealing system	Structurally integrated APU kit; two rugged half moon filters designed for fast filter exchange; can install without removing APU
Components	Frame assembly secures filters to APU; filter maintenance aid for on-condition filter assessment	Frame assembly secures filters to APU; filter maintenance aid for on-condition filter assessment	Plenum assembly secures filters to APU; filter maintenance aid for on-condition filter assessment	Plenum assembly secures filters to APU; filter maintenance aid for on-condition filter assessment	Frame assembly secures filters to APU; filter maintenance aid for on-condition filter assessment
Proven	The US Army/Navy have equipped over 1,300 of its APUs with the IBF. The Israeli Air Force, Royal Jordanian Air Force, Royal Saudi Air Force, Swedish Armed Forces and United Arab Emirates Air Force operate the APU IBF.	The US Army/Navy have equipped over 600 of its APUs with the IBF.	The US Army has equipped over 100 of its APUs with the IBF.	This kit is completing qualification testing with the US Army.	The US Army has over 170 Donaldson APU IBF kits.

For more information, contact:

Donaldson Company, Inc., Aerospace & Defense Group
17891 Chesterfield Airport Road, Chesterfield, MO 63005

North America +1-877-314-9640
aerospace.americas@donaldson.com

Europe +33 1 30866698
aerospace.emea@donaldson.com

To learn more about the Donaldson Company, Inc., Aerospace & Defense Group visit www.DonaldsonRotorcraft.com

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