

# **Aerofil, Inc.**

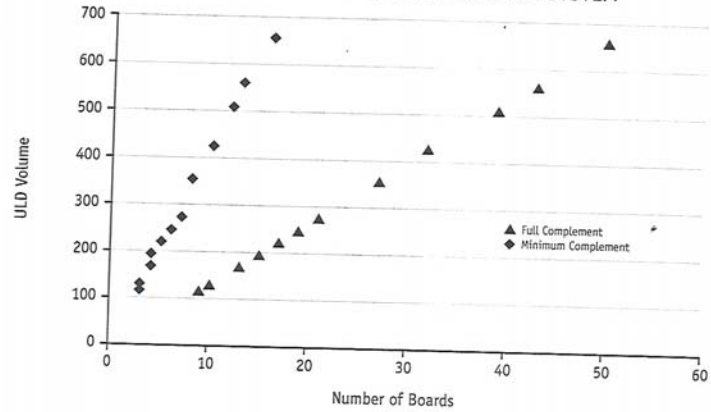
*FIRE BLUE DOT*

Raj Chauhan

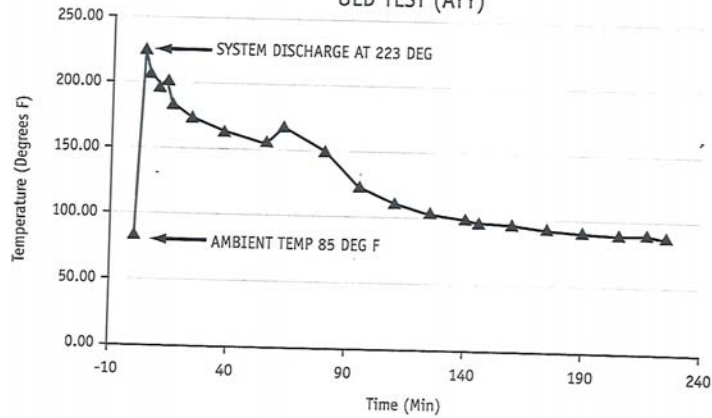
aerofilinc@dslextreme.com



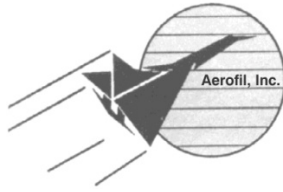
### FIRE BLUE DOT FIRE SUPPRESSION SYSTEM



### ULD TEST (AYY)



AEROFIL, INC. — 32 NORTH WOOD ROAD, SUITE # A, CAMARILLO, CA 93010  
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 F.A.A. QUALITY FABRICATION  
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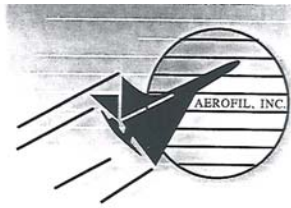
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November 17, 2011.

Atlantic City, NJ.

Fire Blue Dot System. (Patent Pending)

- 1.This is the least expensive Fire Protection system in the world for: (a). All types of containers (b). All kinds of pallets.
- 2.This is the simplest Fire Protection system in the world.
- 3.This is the lightest Fire Protection system in the world.
- 4.This is the least volume Fire protection system in the world. You do not lose any volume in the container.
- 5.No need for FAA or any regulatory approval because you are enhancing the present containers/pallets.
- 6.This system dowses the fire from lithium batteries.
- 7.Our fire extinguisher material is secretly formulated. Our delivery system is unique and fail proof.
- 8.Our system is daily maintenance free. The life of panels is 2 year. Can be replaced at any time without any complication.
- 9.Please prevent the disaster before it happens. If you implement it now, you will protect the life and aircraft.
- 10.You can buy the insurance from us that our system will protect the container/pallets.



# Next Generation Technology in Fire Protection of Air Cargo

PATENT PENDING

Thousands of pallets and containers are used every day on civil and military aircraft and fire protection is a major concern. Currently there is no legislation to screen every piece of air cargo and a 100 percent mandated screening will impose time and economic disruption on commercial and just in time shipping. Aerofil's 'Fire Blue Dot' product is developed to enhance the security for the entire air cargo industry.

Origination of fire from undeclared source or sabotage is a threat to airliners and air cargo operation and the 'Fire Blue Dot' solution enhances the safety of airliners and air cargo operations.

Two types of fire protection system are provided by the use of 'Fire Blue Dot' product:

1. Cargo pallet net with self extinguishing fire protection.
2. Air cargo Containers (ULD) protected with 'Fire Blue Dot' chemical to extinguish fire source.

Aerofil fire protection net and container fire protection is designed to extinguish the fire with out any condition monitoring or expensive equipment. The 'Fire Blue Dot' product applied to the air cargo containers provides self-extinguishing of any fire source.

Blue dot provides the following benefits:

- Light weight (see table below)
- Proven simple and reliable system.
- Self contained system (no monitoring or manual activation required)
- Ease of installation on any size ULD.
- Provides minimum of 210 minutes of 'hold down' capability and an additional 120 minutes of protection in case of a re-ignition. See chart on next page.
- Standard system activation is set at 223° Fahrenheit and other settings are available for customer requirements.
- No additional maintenance requirements.

ULD Category	ULD VOLUME (CUBIC FEET)	FULL COMPLIMENT (NUMBER OF FBD BOARDS)	WEIGHT INCREASE (LBS.)	MINIMUM COMPLIMENT (NUMBER OF FBD BOARDS)	WEIGHT INCREASE (LBS.)	ULD TYPE CODE
A	120	9	13.5	3	4.5	AMC
B	132	10	15	3	4.5	DVT, MVT, DKX, DVX, DPN, APA, DPA, DPE, DKK
C	120	9	13.5	3	4.5	AYK
D	172	13	19.5	4	6	AKE, AVB, AVE, AKN, AVN, DVN, DKN, AVY, AKG, MKN, RKN, MVE, RKE, RVE, MVA, RKN, RVN
E	250	19	28.5	6	9	AYY
F	198	15	22.5	4	6	AKC, AVC, AVK, AVD, AVJ, AKH
G	172	13	19.5	4	6	AKC, AVC, AVK, AVD, AVJ, AKN, AVN, DVN, AVY, DLF, ALF
H	429	32	48	10	15	UDC, UDF, UDG, UDK
I	172	13	19.5	4	6	AXP, BMA, DLC, DXF
J	278	21	31.5	7	10.5	ALD, ALP, AW2, AWB, AWD, DLP, AW4, AWN, AWR, AWS, DWB, MWB, MWN, RW2, RWD, ALU, AWG, ALE, DLE, MQP, DQF, DQP
K	512	39	58.5	12	18	AAA, SAA, AAN, SAR, AA2, AAP, AA3, AAF, AA4, AAK, SAA, SAK, AAM, AAW, AAR, AAU, AFA, ARA, ALU, MA4, MAK, MAN, MAP, RA2, RAP, RA4, RAK, RAN, RAS, RAU, RAZ, SAB, TAB, SAC, SAY, TA5, UAA, UAB, UA3, UA2, UAP, UA3, UA4, UAK, UAL, UAN, UAZ
L	660	50	75	16	24	AMA, AMK, AQ6, AQA, ROA, AMD, AQ7, AQD, ALE, DLE, DLF, MQP, DQF, DQP, AMJ
M	225	17	25.5	5	7.5	DLC, DXF
N	358	27	40.5	8	12	ALF, AWA, AWF, AWC, AWG
O	565	43	64.5	13	19.5	AMF
P	660	50	75	16	24	AMU

*Notes: Each of Fire Blue Dot (FBD) board weighs 1.5 lbs. The minimum compliments will have the capability of dousing the first fire and hold for 180 minutes. The full compliment enhances the hold down time to 240 minutes and provides additional fire protection in case of a second ignition in the same ULD. Five FBD boards are approximately equivalent to one five pound fire extinguisher.*