

Delivery system information



Retardant Aerial Delivery System (RADs) II 220

Designer	Aero Union Corporation, Chico California USA.							
Deliver system configuration	External fixed belly tank							
System type	Constant (variable) flow.							
Capacity	2,100 US-Gallons.			7,950 litres.				
System dimensions (inc. fairing)	Length	38 feet 2 inches.			11.63 metres.			
	Width	7 feet 2 inches			2.18 metres			
Compartments	1							
Drop door information	Doors	2						
	Length	18 feet 3 inches.			5.58 metres.			
	Width	8.11 inches.			205.7 millimetres			
Drop speed	Minimum	125 knots.			231 kilometres/hour.			
Loading capability	Camlock 3 inch.			75 millimetres				
Number of loading ports	2 loading ports left and right hand side (mid tank)							
Suppressants	Only approved USDA QPL Products.							
	Retardant	D75R						
	Foam	Class A WD 884						
	Super absorbent polymers	Phos-Chek® AquaGel-K			Thermo-Gel®.			
Off load -	Capability	YES	Camlock 3 inch			75 millimetres.		
	Valve location	Rear underside			X 1.			
On board suppressant reservoirs	NIL							
Venting	Negative pressure	YES			X 2 (NACA).			
	Atmospheric -	YES			X 20.			
Emergency dump system -	YES							
Drop loads -	1/8	1/6	1/4	1/3	1/2	Full load		
Coverage Levels -	0.5	1	2	3	4	6	8	Maximum