



Simplex Manufacturing dba Simplex Aerospace
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Simplex Model 8500 Spray System

Hughes 369 Series, MD 500 N





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C e r t i f i c a t i o n s	
FAA STC #SH7091NM	Hughes 369, A, H, HM, HS, HE, D, E, F, FF, 500 N
Canada TC #SH15-11	Hughes 369, A, H, HM, HS, HE, D, E, F, FF, 500 N

F e a t u r e s & B e n e f i t s	
<p>Installation/removal in 30 minutes</p> <p>Flow controller allows operator to adjust chemical output.</p>	<p>Mid-ship mounted booms.</p> <p>Aerodynamic design results in low drag.</p> <p>Safety features include emergency jettison dump doors and pump stop controls.</p>

S p r a y S y s t e m D e t a i l s	
Average Tank Weight	221 lb / 100 kg
Capacity	130 gal / 492 L
Boom Span (66% RD)	27 ft / 8 m
Boom Span (75% RD)	35 ft / 11 m
Estimated Swath Width	50-70 ft / 15-21 M
Nozzle Ports	52 (¼" NPT)
Vne	100 KIAS

I n s t a l l a t i o n R e q u i r e m e n t s	E l e c t r i c a l R e q u i r e m e n t s
<ul style="list-style-type: none"> • Approved standard high skid gear 	<p>Current: 90 Amps Voltage: 28 VDC</p>

S i m p l e x S a l e s	
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