



Simplex Manufacturing dba Simplex Aerospace  
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# Simplex Model 210 Spray System

Airbus 350 & 355 Series, H125





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## Simplex Model 210

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Certifications	
FAA STC #SR00684SE	AS-350B, B1, B2, B3, BA, C, D, D1
FAA STC #SR00689SE	AS-355E, F, F1, F2, N
EASA STC #IM.R.S.01514	AS-350B, B1, B2, BA, B3
EASA STC #IM.R.S.01502	AS-355F, F1, F2, N
Mexico DGAC #IA-158/2012	AS-350B, B1, B2, BA, B3, C, D, D1
China CAAC	Pending
Canada TC #SH12-42	AS-350B, B1, B2, B3, BA, D, D1
Brazil ANAC #2017S02-09	AS-355F, F1, F2, N
Brazil ANAC #2017S02-10	AS-350B, B1, B2, B3, BA

Features & Benefits	
<p>FAA certified for day/night VFR operations.</p> <p>Installation/removal in 30 minutes</p> <p>Flow controller allows operator to adjust chemical output.</p>	<p>Forward-mounted booms.</p> <p>Aerodynamic design results in low drag.</p> <p>Safety features include emergency jettison dump doors and pump stop controls.</p>

Spray System Details	
Average Tank Weight	255 lb / 116 kg
Capacity	266 gal / 1007 L
Boom Span (66% RD)	25 ft / 8 m
Boom Span (75% RD)	29 ft / 9 m
Estimated Swath Width	46-60 ft / 14-18 m
Nozzle Ports	43-51 (¼" NPT)





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V n e	
<b>Vne (Outer Booms Installed)</b> 66% or 75% Boom	120 KIAS
<b>Vne (Outer Booms Removed)</b> Center Boom & Tank Installed	125 KIAS
<b>Vne (66% Boom &amp; Atomizers Installed)</b> 210-707066-001 Boom	100 KIAS

Installation Requirements	Electrical Requirements
<ul style="list-style-type: none"> <li>• Approved standard high skid gear</li> <li>• Repositioning of the static port in accordance with Simplex Pitot Static Relocation Kit:  Simplex P/N 300-106008-001 FAA STC #SR01289SE</li> </ul>	Current: 125 Amps Voltage: 28 VDC

Simplex Sales		
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