



Simplex Manufacturing dba Simplex Aerospace  
13340 NE Whitaker Way Portland, OR 97230  
mail@simplexmfgr.com www.simplex.aero  
Main Phone (503) 257-3511 Fax (503) 257-8556

# Simplex Model 208 Spray System

Bell 407





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# Simplex Model 208 ▪ Spray System

**Bell 407**

<b>Certifications</b>	
FAA STC #SR00768SE	Bell 407
Canada TC #SH00-13	Bell 407
Mexico DGAC #IA-227/2014	Bell 407
China CAAC #VSTC0691	Bell 407
Brazil ANAC #2017S03-24	Bell 407

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

<b>Spray System Details</b>	
<b>Tank Weight</b>	255 lb / 116 kg
<b>System Capacity</b>	230 gal / 871 L
<b>Boom Span (66% RD)</b>	25 ft / 8 m
<b>Boom Span (75% RD)</b>	29 ft / 9 m
<b>Estimated Swath Width</b>	46-60 ft / 14-18 m
<b>Nozzle Ports</b>	42 (¼" NPT)

**Simplex is the sole manufacturer of FAA STC'd spray systems for the Bell 407.**



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V n e	
<b>Vne (Outer Booms Installed)</b> 66% or 75% RD	110 KIAS
<b>Vne (Outer Booms Removed)</b> Center Boom & Tank Installed	120 KIAS
<b>Vne (66% Booms &amp; Atomizers Installed)</b> 208-707066-001 Booms	100 KIAS

Installation Requirements	Electrical Requirements
<ul style="list-style-type: none"> <li>• Approved standard high skid gear</li> </ul>	Current: 125 Amps Voltage: 28 VDC

Simplex Sales		
<b>Michael Finnegan</b> Director of Business Development Asia mfinnegan@simplexmfg.com	<b>Casey Zimmerman</b> Director of Product Sales North/South America, Australia, and New Zealand czimmerman@simplexmfg.com	<b>Ian Cockburn</b> Regional Sales Manager Europe, Africa, Russia, and Middle East ian@simplexmfg.com

