



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

Simplex Model 510 Aerial Cleaning & De-Icing System

Airbus 350 & 355 Series, H125





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Certifications	
STC #SR02207SE	AS350B1, B2, B3, AS355E, F, F1, F2, N, NP
EASA STC #10043539	AS350B1, B2, B3, AS355E, F, F1, F2, N, NP
Canada TC #SH12-46	AS350B1, B2, B3, AS355E, F, F1, F2, N, NP
China CAAC #VSTC0693	AS350B1, B2, B3, AS355NP
Brazil ANAC #CST2015S06-15	AS350B1, B2, B3, AS355E, F, F1, F2, N, NP
India DGAC	Pending

Features & Benefits	Installation Requirements
<p>FAA certified for day VFR operations.</p> <p>Designed to be installed/removed in 30 minutes.</p> <p>Simplex is the sole manufacturer of FAA STC'd aerial cleaning & de-icing systems for the Airbus 350 & 355 Series.</p>	<ul style="list-style-type: none"> • Approved cargo hook provisions • Approved standard high skid gear • Must be equipped with landing gear fittings per Eurocopter modification 07-2772 • Repositioning of the static port in accordance with Simplex Pitot Static Relocation Kit: <p>Simplex P/N 300-106008-001 FAA STC #SR01289SE</p>

System Details	
Tank Weight	686 lb / 311 kg
Water Capacity	180 gal / 681 L
Estimated Spray Distance	15 ft / 4.6 m
Vne (Boom Stowed)	90 KIAS





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Safety Features	Training & Support
<ul style="list-style-type: none">• Emergency jettison dump doors for quick evacuation of tank• Pilot and boom operator stop controls allow for emergency system shut off• Double safety lock mechanism prevents interference with main and tail rotors	<p>Training is available from Simplex for:</p> <ul style="list-style-type: none">• System installation and maintenance• Mission training for flight, boom operation and ground coordination

Simplex Sales	
<p>Michael Finnegan, Director of Product Sales Europe, Russia, Middle East and Asia mfinnegan@simplexmfg.com</p>	<p>Casey Zimmerman, Regional Sales Manager North/Central/South Americas, Africa and Pacific Islands czimmerman@simplexmfg.com</p>