



Simplex Manufacturing dba Simplex Aerospace
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Main Phone (503) 257-3511 Fax (503) 257-8556

Simplex Model 304 Fire Attack System

AB412, AB412EP, 205A-1, 205B, 212, 412, 412EP, UH-1H





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Certifications	
FAA STC #SR00730SE	AB412, AB412EP
FAA STC #SR09181RC	205A-1, 205B, 212, 412, 412EP, UH-1H
Canada TC Validation	205A-1, 205B, 212, 412, 412EP
Germany LBA #RC1195	205A-1, 212, 412
Germany LBA #RC1196	AB412
Italy ENAC Validation	AB412, AB412EP
France DGAC #IM204-SI-0026	205A-1
France DGAC #IM181-SI-0020	412, 412EP
Argentina ANAC #CTS0707.16(A)	412EP
China CAAC #VSTC0677	412EP
Japan JCAB #STC-139-HQT	412EP
Mexico DGAC #IA-416/2017	205A-1, 205B, 212, 412, 412EP, UH-1H
Brazil ANAC # 2017S03-23	205A-1, 205B, 212, 412, 412EP, UH-1H

The Simplex Model 304 FAS is the **only** system for the medium Bell...

- With FAA STC'd 5" hover pump system
- With FAA STC'd hover pump latching system (Simplex Aft Hook)
- FAA certified for day/night VFR operations


FAS Details	
Tank Weight	395 lb / 179 kg
System Capacity	375 gal / 1420 L
Foam Capacity	30 gal / 114 L
Hover Refill Rate	400 GPM / 1514 LPM
Vne (Hover Pump Installed)	110 KIAS
Vne (Hover Pump Removed)	110 KIAS




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Features & Benefits	Installation Requirements
<p>Installation/removal in 30 minutes</p> <p>Largest water capacity of any tank system for the Medium Bell</p>	<ul style="list-style-type: none"> • Approved cargo hook mirror • Approved standard high skid gear

Optional Aft Hook System	
<p>FAA STC'd for Simplex Model 304 FAS with 5" Hover Pump</p>	
<p>Latch mechanism attaches end of 5" hover pump to the aft belly of the aircraft during flight.</p> <p>Pilot deploys pump at water source using cockpit controlled switch.</p>	<ul style="list-style-type: none"> • Allows operator to transport passengers with hover pump installed and stowed. • No airframe alterations required • Cockpit controlled release switch • Double latching mechanism and system arming switch prevent accidental release of pump

Optional Flight Steps	
	<p>The Simplex Model 904 Flight Steps increase accessibility into and out of aircraft</p> <p>FAA STC#SR00757SE (205A-1, 212, 412, 412EP, UH-1H)</p>
<p>Can be used alone or in conjunction with the 304 fire attack system.</p>	<p>Installation Requirements:</p> <ul style="list-style-type: none"> • Approved standard high skid gear <p>Weight: 34 lb / 15 kg</p>

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Optional Cargo Mirrors	
<p>The Simplex Model 914 Cargo Mirrors allow operator to view external loads during flight</p> <p>FAA STC#SR00806SE (205A-1, 212, 412, 412EP)</p> <p>FAA STC#SR00807SE (AB412, AB412EP)</p>	
<p>No additional rotorcraft requirements</p> <p>Single small mirror: 7 lb / 3 kg Single large mirror: 9 lb / 4 kg</p>	<ul style="list-style-type: none"> • Remotely adjustable • Heated to prevent frost or moisture buildup • Supports designed for one or two mirrors

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