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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 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> |