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## SERVICE LETTER FOR PERIODIC SERVICING RECOMMENDATIONS OF SIMPLEX FIRE ATTACK SYSTEMS

REF: SL2009-002  
DATE: 05 MAR 09  
TO: ALL SIMPLEX FIRE ATTACK SYSTEM OPERATORS WITH THE FOLLOWING  
SYSTEM MODELS: 301, 304, 308, 310, 311, 314, 316, 323, 326, 327.  
SUBJECT: RECOMMENDED PERIODIC SERVICING FOR BEST PERFORMANCE.

**SUMMARY:** The annual operating profile for Fire Attack systems from Simplex Manufacturing involves high seasonal usage cycles in harsh/corrosive environments. To ensure peak performance from these systems, Simplex recommends a thorough servicing of each Fire Attack system prior to periods of high seasonal use. Thorough servicing includes servicing the system in accordance with recommendations contained in this Service Letter and Section 5 (Maintenance Manual) of the system manual. No recommendations in this Service Letter supersede service instructions contained in the respective system's Maintenance Manual.

**RECOMMENDATION:** For Fire Attack systems which are greater than 18 months since new or with more than 300 hours accumulated use since new, Simplex recommends replacement of certain system components which are subject to particularly harsh wear from the operating conditions. These components may be ordered through authorized Simplex Representatives as a Fire Attack Service Support Kit. The following replacement components are included in this Service Support Kit.

### SERVICE SUPPORT KITS

APPLICABLE TO SIMPLEX FIRE ATTACK SYSTEMS  
WITH THE FOLLOWING MODEL NUMBERS:

301, 304, 308, 310, 311, 314, 316, 323, 326, 327

<u>QTY</u>	<u>P/N</u>	<u>DESCRIPTION</u>
1	C 300-106 004-004	DOOR PULL REBUILD KIT
1	C 300-106 004-003	CONTROL ARM REBUILD KIT
3	A 301-602 018-001	SEAL, DOOR
1	A 300-106 001-001	HOVER PUMP REBUILD KIT
1	152824-000	SOLENOID VALVE
2	127470-000	PRESSURE SWITCH
1	127355-000	ACTUATOR, DOOR
1	104841-000	MAIN RELAY



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This Service Support Kit applies to the Simplex Fire Attack Systems listed below; corresponding helicopter models are listed for quick reference.


**HELICOPTERS CORRESPONDING TO SIMPLEX FIRE ATTACK SYSTEM MODELS**


<u>SIMPLEX FIRE ATTACK SYSTEM MODEL</u>	<u>CORRESPONDING HELICOPTER MODEL(S)</u>
MODEL 301	Eurocopter AS365N Series
MODEL 304	Bell 205 A-1, 212, 412, 412EP, UH-1H Series
MODEL 308	Bell 407
MODEL 310	Eurocopter AS350 & 355 Series
MODEL 311	Kawasaki BK-117 Series
MODEL 314	CH54
MODEL 316	Eurocopter AS332L Series & EC225
MODEL 323	Agusta A119 Koala
MODEL 326	Agusta AW139
MODEL 327	Kazan Ansat

Questions about this Service Letter may be forwarded to the authorized local Simplex Representative or to Simplex directly.

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