

# SERVICE LETTER



**SL 2006-001**

Used On: 323 FIRE ATTACK SYSTEM

## Installation of 323 Lower Shroud Brackets

Manufacturing Engineer: *D. L. Hill* Date: 3/14/06

Chief Operating Officer: *M. D. J.* Date: 3/14/06

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# SERVICE LETTER



**SIMPLEX**

Manufacturing

No: Service Letter 323 Shroud Bracket Modification - HeliAir

Initial release Date: 14, March 2006

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13340 NE WHITAKER WAY  
PORTLAND, OREGON 97230  
Phone (503) 257-3511 FAX (503) 257-8556 mail@simplexmf.com

Date: March 14, 2006

Revision: Initial Release

**PART NUMBERS AFFECTED:** 323-301 002-001 serial numbers 004 and 005

**SYSTEM MODEL:** Model 323 Fire Attack

**COMPLIANCE:** As soon as is reasonably achievable

**DESCRIPTION:** The front shroud p/n 323-303 002-002 of the 323 Fire Attack System is rotating downward from unanticipated loads. This letter addresses the problem by the addition of two brackets p/n 323-303 007-001 to capture the bottom edge of the shroud and prohibit any rotation.

**APPROVAL:** Local field approval will be necessary.

**MANPOWER:** Approximately 2 man hours

IF APPLICABLE, AN APPROPRIATE ENTRY SHOULD BE MADE IN THE ROTOCRAFT LOGBOOK UPON ACCOMPLISHMENT.  
IF OWNERSHIP OF SYSTEM HAS CHANGED, PLEASE FORWARD TO NEW OWNER.

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## MATERIAL:

The following materials are required for the accomplishment of this bulletin and may be obtained through Simplex Manufacturing:

Quantity	Part Number	Description	Item No.
2	323-303007-001	Bracket	1
4	112289	1 inch stainless steel fender washer	2
4	110020	AN3CH-5A stainless bolt	3
4	112040	AN960C10L stainless steel thin washer	4
4	111180	MS21044-C3 stainless steel self locking nut	5
			6
			7
			8
			9
			10

## SPECIAL TOOLS:

1. 3/8<sup>th</sup> and 9/16<sup>th</sup> hand wrenches and sockets
2. 1/4 inch hand drill
3. # 10 High sped steel drill bit
4. a small amount of silicon sealant

**WEIGHT AND BALANCE:** Not affected

**ELECTRICAL LOAD DATA:** Not affected

**REFERENCE:** See pages 4 and 5

**PUBLICATIONS AFFECTED:** Manuals and drawings are in process of revision and approval

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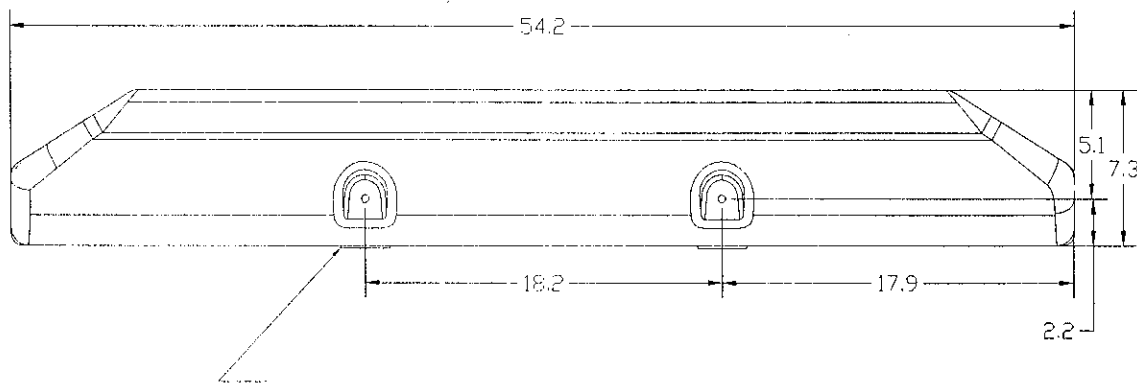
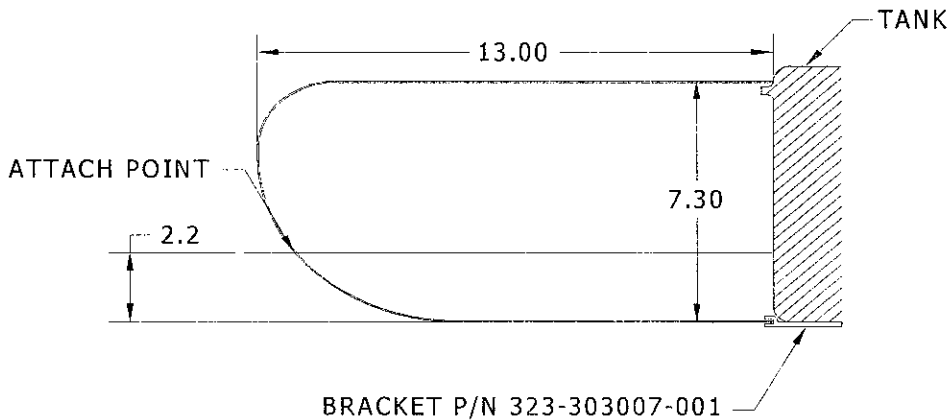
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## ACCOMPLISHMENT INSTRUCTIONS

### WARNING!

Ensure that aircraft main power is turned off prior to starting this procedure.

#### Installation instructions for the bottom shroud brackets Simplex p/n 323-303007-001



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1. Loosen the two 3/8<sup>th</sup> inch elastic self locking nuts at front of shrouds several turns to allow a limited amount of travel.
2. Locate the brackets as shown. The brackets should be fully seated over the rubber trim and the shroud square with the tank.
3. Back drill the fiberglass tank using the brackets as drilling fixtures with a number 10 ( 4.8mm) drill bit.
4. Apply a small amount of silicon sealant between the bracket and the tank and bolt the brackets to the tank using the hardware provided. The larger 1 inch fender washer is to be located on the inside of the tank.
5. Retighten the two 3/8<sup>th</sup> inch elastic self locking nuts to secure the shroud firmly to the tank.

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