

SERVICE INFORMATION LETTER 019

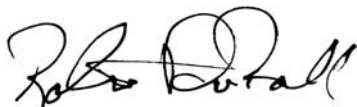
February 2, 2006

Subject: Correction to EFIS Installation Instructions, Doc. 150-045264, Rev U.

A typographical error has been encountered in the EFIS Installation Instructions, Doc. 150-045264, Rev U. The table on page 71 describes the pull-test forces for both fixed wing and rotorcraft installations of the Crossbow AHRS500 AHRS unit. The error is in the calculation of the 5.25g pull-test for downwards direction in rotorcraft airframes. The value in the instructions is stated as 18.4 Lbs, where the actual value should be 24.2 Lbs as shown in the table below. Please make a note of this change in your instructions.

Direction of Pull	Fixed Wing		Rotorcraft	
	Load Factor	Static Test Load (Load factor x AHRS Weight)	Load Factor	Static Test Load (Load factor x AHRS Weight)
Sideways	1.5g	(1.5 x 4.6) = 6.9 Lbs	2.0g	(2.0 x 4.6) = 9.2 Lbs
Upwards	3.0g	(3.0 x 4.6) = 13.8 Lbs	1.5g	(1.5 x 4.6) = 6.9 Lbs
Forwards	9.0g	(9.0 x 4.6) = 43.2 Lbs	4.0g	(4.0 x 4.6) = 18.4 Lbs
Downwards	6.6g	(6.6 x 4.6) = 30.4 Lbs	5.25g	(5.25 x 4.6) = 24.2 Lbs

This correction will be made in the next revision of the instructions.



Robert DuRall
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