



**BRISTOL**  
**industries**

630 East Lambert Road  
P.O. Box 630/Brea, California 92822-0630  
Tel: (714) 990-4121 Fax: (714) 529-6726

**CERTIFICATE OF CONFORMITY**  
**CHEMICAL & PHYSICAL**  
**TEST DATA**



**1000017248**

**Assembly / Mechanical Tests**

Nut	Lot Number:	A3339-01			
Customer Drawing:	NSA5474-4K7	Issue:	H	Airbus Approval No:	100118
Bristol Part No:	BH00523-4	Manufacture Date:	12/10/08		
Performance :	NASM25027	Lot Quantity :	48,963		

Component Requirements	Material	Bristol Q.C. Number	NDT	Finish		Thread Spec
Nut	8740 per AMS 6322	BG 24654 Lab Tested	MPI per ASTM-E-1444 Sample	Cad Plate per AMS-QQ-P-416 Type II, Class 2	Cetyl Alcohol Solvent Based per EN 6117	AS8879
Conformance	AMS 6322N	Raw Material Certs	Conforms NADCAP	Conforms NADCAP	Conforms NADCAP	Conforms
Source	WireTech / Charter	Bristol	Bristol	Bristol	Bristol	Bristol

Torque									
Required	Max. Installation & Removal 20 in-lbs			Min. Breakaway 3.5 in-lbs		Seating Torque N/A		1 <sup>st</sup> Cycle N/A	
	1 <sup>st</sup> Cycle			7 <sup>th</sup> Cycle			15 <sup>th</sup> Cycle		
Sample No.	Installation	Breakaway	Removal	Installation	Breakaway	Removal	Installation	Breakaway	Removal
1	20.0	10.0	10.0	7.0	6.0	7.0	6.0	5.5	5.5
2	11.0	9.0	9.0	6.0	6.0	5.5	6.0	5.5	6.0
3	13.0	10.0	10.0	6.0	4.5	5.0	5.5	4.0	5.0
4	12.0	9.0	10.0	5.0	5.0	5.0	5.0	4.5	5.0
5	14.0	9.0	9.0	5.5	4.5	5.0	5.0	4.0	4.5
6	10.0	9.0	7.5	5.5	5.0	5.0	4.5	5.0	5.5
7	9.5	8.5	8.5	6.5	5.5	6.0	6.5	6.0	5.5
8	9.5	9.0	9.0	6.5	6.0	6.5	7.5	5.5	6.5
9	9.5	9.0	8.0	6.5	4.5	5.5	6.0	5.0	5.0
10	9.5	7.5	7.0	6.0	5.5	5.5	5.0	5.0	5.0
Actual Bolt Used: NAS 1304									

Stress Embrittlement Test			
Required Load:	92	IN-LBS	
Sample Size	10	PCS	
Time	23	Hours	



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Tensile					
Required Min.	4580 LBS				
Sample No.	LBS	Sample No.	LBS	Sample No.	LBS
1	4809	2	4809	3	4809
4	4809	5	4809	6	4809
7	4809	8	4809	9	4809
10	4809				

Comments: :

Parts have been produced, sampled, inspected, and tested in accordance with customer purchase order and/or referenced specifications and conform to all requirement unless otherwise specified.

Unless otherwise specified, specifications are to the latest revision. Test methods are in accordance with the latest revisions of NASM-1312 Fastener Test Methods if not specified by the customer. Any deviations to specification or customer purchase order requirements relative to testing have been resolved in writing with customers prior to shipment.

This certification relates only to the item(s) tested and shall not be reproduced except in full. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

Review and Signature by one (1) of the following Authorizes this certification:

Karen Day Certification Administrator

Steve Martin, Quality Assurance Director

Angie Figueroa, Certification Administrator

Rick Kuhns, Quality Assurance Supervisor