



3V® FASTENERS

PRECISION AEROSPACE FASTENERS
a **CAM**™ Company

320 REED CIRCLE, CORONA, CA 92879-1349
(951) 734 - 4391

PACKING LIST
Pick Number
2177661

Customer No:	141326
Our Order:	179690
Date Order:	01/09/2019
Customer P.O. No:	00B4106
Ship Via:	FedEx Freight

Bill To:

Boeing Distribution Services Inc.
10000 NW 15TH TERRACE
MIAMI FL 33172
USA

Ship To:

Boeing Distribution Services Inc.
3760 W. 108TH STREET
DOCK DOOR B
MIAMI FL 33018
USA

FOB: Free On Board - Origin

Total Quantity Shipped: 2,278

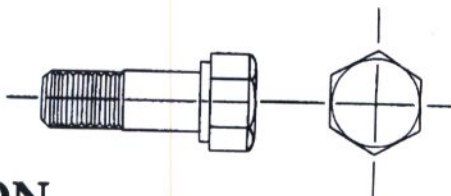
Line	Item Number	Revision Number	Customer Reference Number	Lot ID	Quantity Shipped
1.000	BACS12HL3AH6	REV H		685115	10
1.001	BACS12HL3AH6	REV H		685115	444
1.101	BACS12HL3AH6	REV H		685115	1,824

We Heriby certify the referenced order(s) conform to the requirements of the applicable drawings, standars and specifications. Evidence of compliance is retained on file.

Q.A. Director
MANUFACTURED IN U.S.A.



320 Reed Circle • Corona, CA 92879
Tel: 951-734-4391 • Fax 951-734-9488



TEST CERTIFICATION

Cert # : 15812 Cert Date: 12/27/19 LOT #: 685115 Page: 1

MFG DATE: 10/03/19

Cust # : 141326

P.O. #: 00B4106

Customer : BOEING DIST.SERVICES INC.

P.O. Qty: 2278

Ship To : MIAMI, FL.

Ship #: 2177661

Ship Qty: 2278

Part #: BACS12HL3AH6

MFG. Part #: BACS12HL3AH6 REV.H

Material Spec: AMS5853C

Heat #: C9A19

Type: A286

Mill, Vendor: ATI/BROWN PACIFIC

Code: 17132

Procure Spec: BPS-F-69 BH

Hardness per NASM1312-6, ASTM E 18 or E 384

Minimum Requirement: 29 MIN. HRC.

40.4	40.4	38.7	39.5	40.5
39.9	40.3	40.2	40.7	40.0

Metallurgical, Special Process and Subcontracted Test Information
MACRO EXAM FLOW HD ACC, THD ACC, LAPS THD ACC, HD ACC, 10 PCS
MICRO EXAM IGA/IGO 0, CARB 0, DEFECTS ACC, GRIND BURNS 0
STRUCTURE RC/CW 10 PCS, ALLOY VERIFIED AS A286
HEAT TREAT PER BPS-F-69-160TC4H BY 3V FASTENERS 12/05/19
SAMPLE FPI PER ASTM E 1417/E1417M-16 315 PCS BY 3V 12/17/19
PASSIVATE PER AMS2700F MET.1 TY8 CL.4 BY ACTIVE #1112891
CAD PLATE PER AMS-QQ-P-416E TYII CL.2 BY ACTIVE #1112891

THE PARTS CONTAINED IN THIS SHIPMENT HAVE BEEN MANUFACTURED AND INSPECTED IN ACCORDANCE WITH TSO-C148. THE CONDITIONS AND TESTS REQUIRED FOR TSO APPROVAL OF THIS ARTICLE ARE MINIMUM PERFORMANCE STANDARDS. AIRCRAFT FASTENERS APPROVED UNDER THIS TSO ARE NOT NECESSARILY INTERCHANGEABLE WITH OTHER AIRCRAFT FASTENERS APPROVAL UNDER THIS TSO. FASTENERS OF SIMILAR DIMENSIONAL PROPERTIES MAY HAVE WIDELY VARYING PERFORMANCE AND METALLURGICAL PROPERTIES. SUBSTITUTION OF PARTS MAY ONLY BE DONE IF ACCEPTABLE TO OR APPROVED BY THE ADMINISTRATOR.

THIS TEST CERTIFICATION SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT WRITTEN APPROVAL OF 3V FASTENERS CO., INC. TESTING LABORATORY.

THIS CERTIFICATION SHALL NOT BE USED BY THE CUSTOMER TO CLAIM PRODUCT ENDORSEMENT BY ANY AGENCY OF THE U.S. GOVERNMENT.

3V FASTENERS CERTIFIES THAT THE PRODUCT SHIPPED ON ABOVE PURCHASE ORDER. WERE MANUFACTURED, INSPECTED AND TESTED IN COMPLIANCE WITH ALL APPLICABLE PRINTS AND SPECIFICATIONS. ALL SUPPORTING DOCUMENTATION IS ON FILE AT 3V. ACCREDITED TO AS9100C, ACCREDITED ISO 9001:2008.

TRC CERTIFICATE NUMBER: TRC 00717, CAGE CODE 1ER65, COO USA.

BAE APPROVAL BAE/AG/30148/CAL, AIRBUS APPROVAL 30085.

THE RAW MATERIAL USED TO MANUFACTURE THESE PARTS WAS MELTED IN THE USA.

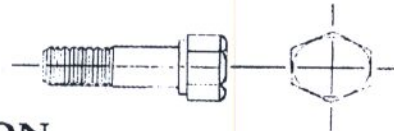
OR A QUALIFYING COUNTRY AND COMPLIES WITH THE APPLICABLE SECTIONS OF DFARS 252-225. PART MANUFACTURED AND TESTED IN MERCURY FREE ENVIRONMENT.

QUALITY ASSURANCE

ROBERT CANTILLO



320 Reed Circle • Corona, CA 92879
Tel: 951-734-4391 • Fax 951-734-9488



TEST CERTIFICATION

SELLER HEREBY ACKNOWLEDGES THAT THE PARTS AND/OR MATERIALS BEING SHIPPED UNDER THIS ORDER ARE INTENDED FOR USE UNDER BOEING'S FEDERAL AVIATION ADMINISTRATION (FAA) ISSUED PRODUCTION CERTIFICATE 700 AND NO ARTICLES (OR CONSTITUENT PARTS THEREOF) OR THE ACCOMPANYING PAPERWORK (E.G., PACKAGES, SHIPPERS, ETC.) CONTAIN ANY FEDERAL AVIATION ADMINISTRATION-PARTS MANUFACTURER APPROVAL (FAA-PMA) MARKINGS.