



U.S. Department
of Transportation
**Federal Aviation
Administration**

**Transport Airplane Directorate
Los Angeles Aircraft
Certification Office**

3960 Paramount Boulevard
Lakewood, California 90712-4137

December 19, 2001

NASCO Aircraft Brake, Inc.
Attn: Mr. Daniel L. Aron
President
13300 Estrella Avenue
Gardena, California 90248

Dear Mr. Aron:

Supplemental Type Certificate No. ST01281LA for the Installation of Brake Components
on Boeing 737-200 through 500 Series, Project No. ST7270LA-T

We have completed our evaluation of the subject change in type design and are enclosing
your Supplemental Type Certificate No. ST01281LA, a copy of FAA approved
Configuration Control Document No. NCC006, Revision "A", dated November 19, 2001.

This certificate signifies approval of the type design change and authorizes modification of
the aircraft models listed on the certificate. A copy must be included with each kit you issue
or each time you make the data available to other persons who intend to make the subject
alteration. The certificate may be transferred or made available to other persons by such
means as a licensing agreement in accordance with 14 Code of Federal Regulations (CFR)
part 21.47.

You are required to maintain an updated file related to this STC. If you plan to manufacture
replacement or modification parts for sale in conformance with approved data listed on the
certificate, you are required to comply with the § 21.303 and § 45.15. Application for Parts
Manufacturer Approval (PMA) should be made in writing reference to this STC and
addressed to: Los Angeles Manufacturing Inspection District Office, 3960 Paramount
Boulevard, Lakewood, California 90712-4173. Please note that § 21.303(g) specifies that
the FAA does not issue PMA if the manufacturing facility for the part is located outside of
the United States, unless a determination is made that the location of the manufacturing
facility places no burden on the FAA in administering the applicable airworthiness
requirements.

In accordance with § 21.3, and as a recipient of this certificate, you are required to report any failure, malfunction or defect, except as provided in § 21.3(d), in any product or part manufactured by you or your contracted suppliers, and which you have determined has resulted or could result in any occurrences listed in § 21.3(c). The result should be communicated initially by telephone to the Manager, Systems and Equipment Branch, Los Angeles Aircraft Certification Office, telephone No. (562) 627-5330, within 24 hours after it has been determined that a failure has occurred and followed up with a written notice to the address shown above. FAA Form 8110-4 (malfunction or defect report) or other appropriate format is acceptable in transmitting the required details.

You, as the STC holder, are responsible for any design changes necessary to correct unsafe conditions as well as submitting those design changes to this office for approval. This requirement is contained in § 21.99. In addition, you are required to advise this office of any change in address.

Also, § 21.50 requires that maintenance procedures for continued airworthiness, as applicable to this change in type design, be made available to the operator at the time the aircraft is returned to service.

By accepting this certificate, you acknowledge that you have read and understand your responsibilities as an STC holder.

Sincerely,



Alan T. Shinseki
Manager Systems & Equipment Branch

Enclosures

Supplemental Type Certificate

Number ST01281LA

This Certificate issued to Nasco Aircraft Brake, Inc.
13300 Estrella Avenue
Gardena, California 90248

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.* *Certification basis is set forth in Type Certificate Data Sheet (TCDS) A16WE.

Original Product Type Certificate Number : A16WE

Make : Boeing

Model : 737-200, -200C, -300, -400, and -500 Series

Description of Type Design Change: Installation of brake components listed on Nasco Aircraft Brake, Inc. drawing 737001, revision G, dated 9/21/2001, for use in Honeywell or Bendix brake assemblies 2606672-2, -3 and -4 in accordance with Nasco Configuration Control Drawing NCC006, Revision A, dated 11/19/2001 or later FAA approved revision.

Limitations and Conditions: This installation should not be incorporated in any airplanes unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the airplanes. The approval of this change in type design applies only to the Boeing 737-200, -300, -400 and -500 series equipped with Honeywell or Bendix brake assemblies 2606672-2, -3 and -4. There are no changes to the current FAA Approved Airplane Flight Manual. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application : April 12, 1999

Date reissued :

Date of issuance : December 20, 2001

Date amended :



By direction of the Administrator

Alan W. Hancock

(Signature)

Manager, Systems & Equipment Branch
Los Angeles Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.



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3960 Paramount Boulevard
Lakewood, California 90712-4137

April 17, 2002

Nasco Aircraft Brake, Inc.
ATTN: Mr. Daniel L. Aron
President
13300 Estrella Avenue
Gardena, CA 90248

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Reference: Nasco Aircraft Brake, Inc. Letter, dated March 27, 2002

Approval of Nasco Configuration Control Document NCC006, Revision B for
Supplemental Type Certificate No. ST01281LA

Dear Mr. Aron:

The revisions to STC ST01281LA which were submitted with the reference letter have been reviewed and are acceptable. Enclosed for your retention are FAA approved Nasco Aircraft Brake, Inc. Configuration Control NCC006, revision "B", dated March 4, 2002.

If you have any questions, please call the undersigned at (562) 627-5346.

Sincerely,

Albert H. Lam
Systems and Equipment Branch

Enclosure

REVISION LEVEL LISTING
NASCO BRAKE COMPONENTS
HONEYWELL BRAKE ASSEMBLY 2606672-2, -3 & -4
USED ON

BOEING 737-200, -300, -400 AND -500 SERIES AIRCRAFT

Unrestricted intermix allowed for all Nasco and Honeywell Part Numbers listed on Nasco Drawing 737001

DRAWING NUMBER	REV.	REVISION DATE	DESCRIPTION
737001	G	9/21/01	INSTALLATION DRAWING
7370484	A	11/16/01	PIN, RETAINER ADJUSTER
7370556	C	11/16/01	SPACER, TORQUE TUBE
7370611-540	B	2/28/02	ROTOR ASSEMBLY
7379901-540	B	11/16/01	SEGMENT, ROTOR
513512	B	1/29/86	RIVET
7379903	B	2/22/02	STRAP, ROTOR RETAINING
7379902	A	2/21/02	SPIDER
7370611-580	B	2/28/02	ROTOR ASSEMBLY
7379901-580	B	11/16/01	SEGMENT, ROTOR
513512	B	1/29/86	RIVET
7379903	B	2/22/02	STRAP, ROTOR RETAINING
7379902	A	2/21/02	SPIDER
7370611-620	B	2/28/02	ROTOR ASSEMBLY
7379901-620	B	11/16/01	SEGMENT, ROTOR
513512	B	1/29/86	RIVET
7379903	B	2/22/02	STRAP, ROTOR RETAINING
7379902	A	2/21/02	SPIDER
7370611-660	B	2/28/02	ROTOR ASSEMBLY
7379901-660	B	11/16/01	SEGMENT, ROTOR
513512	B	1/29/86	RIVET
7379903	B	2/22/02	STRAP, ROTOR RETAINING
7379902	A	2/21/02	SPIDER
7370611-700	B	2/28/02	ROTOR ASSEMBLY
7379901-700	B	11/16/01	SEGMENT, ROTOR
513512	B	1/29/86	RIVET
7379903	B	2/22/02	STRAP, ROTOR RETAINING
7379902	A	2/21/02	SPIDER
7370611-750	B	2/28/02	ROTOR ASSEMBLY
7379901-750	B	11/16/01	SEGMENT, ROTOR
513512	B	1/29/86	RIVET
7379903	B	2/22/02	STRAP, ROTOR RETAINING
7379902	A	2/21/02	SPIDER
7373038	B	2/5/02	CUP, RETAINER
7373041	A	11/16/01	PIN, RETAINER

FAA APPROVED

APR 17 2002

LOS ANGELES
 AIRCRAFT CERTIFICATION OFFICE

INITIALS *Jee*

**REVISION LEVEL LISTING
NASCO BRAKE COMPONENTS
HONEYWELL BRAKE ASSEMBLY 2606672-2, -3 & -4
USED ON**

BOEING 737-200, -300, -400 AND -500 SERIES AIRCRAFT

Unrestricted intermix allowed for all Nasco and Honeywell Part Numbers listed on Nasco Drawing 737001

<u>DRAWING NUMBER</u>	<u>REV.</u>	<u>REVISION DATE</u>	<u>DESCRIPTION</u>
737001 (continued)	G	9/21/01	INSTALLATION DRAWING
7373057	A	11/16/01	PIN, RELINE INDICATOR
7373278	A	11/16/01	SHEET, ANTI-ABRASION
7374056	A	11/16/01	PLATE, STATOR
7374234	A	11/16/01	RETAINER, BOLT
7374849	A	11/16/01	SPHERE, ADJUSTER
7376703	A	11/16/01	PLATE, PRESSURE
7376737	B	2/25/02	BOLT, MACHINE
7377091-4	B	2/12/02	PIN, ADJUSTER
7377453	B	2/8/02	LINING, AEROMETRIX (.255)
7379904-275	-	2/19/02	PREFORM (.282 THICK)
7379905-288	A	2/20/02	CUP ASSY (.288 THICK)
7379906-288	-	2/7/02	CUP (.288 THICK)
7379907-354	-	2/7/02	FASTENER (.354 THICK)
7379908	-	2/7/02	SCREEN
7377479	B	2/8/02	LINING, AEROMETRIX (.315)
7379904-315	-	2/19/02	PREFORM (.323 THICK)
7379905-329	A	2/20/02	CUP ASSY (.329 THICK)
7379906-329	-	2/7/02	CUP (.329 THICK)
7379907-395	-	2/7/02	FASTENER (.395 THICK)
7379908	-	2/7/02	SCREEN
7377484	B	2/8/02	LINING, AEROMETRIX (.295)
7379904-315	-	2/19/02	PREFORM (.323 THICK)
7379905-329	A	2/20/02	CUP ASSY (.329 THICK)
7379906-329	-	2/7/02	CUP (.329 THICK)
7379907-395	-	2/7/02	FASTENER (.395 THICK)
7379908	-	2/7/02	SCREEN
7377486	B	2/8/02	LINING, AEROMETRIX (.335)
7379904-365	-	2/19/02	PREFORM (.374 THICK)
7379905-380	A	2/20/02	CUP ASSY (.380 THICK)
7379906-380	-	2/7/02	CUP (.380 THICK)
7379907-445	-	2/7/02	FASTENER (.445 THICK)
7379908	-	2/7/02	SCREEN

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APR 17 2002

LOS ANGELES
AIRCRAFT CERTIFICATION OFFICE

INITIALS 

**REVISION LEVEL LISTING
 NASCO BRAKE COMPONENTS
 HONEYWELL BRAKE ASSEMBLY 2606672-2, -3 & -4
 USED ON**

BOEING 737-200, -300, -400 AND -500 SERIES AIRCRAFT

Unrestricted intermix allowed for all Nasco and Honeywell Part Numbers listed on Nasco Drawing 737001

DRAWING NUMBER	REV.	REVISION DATE	DESCRIPTION
737001 (continued)	G	9/21/01	INSTALLATION DRAWING
7377488	B	2/8/02	LINING, AEROMETRIX (.275)
7379904-275	-	2/19/02	PREFORM (.282 THICK)
7379905-288	A	2/20/02	CUP ASSY (.288 THICK)
7379906-288	-	2/7/02	CUP (.288 THICK)
7379907-354	-	2/7/02	FASTENER (.354 THICK)
7379908	-	2/7/02	CREEN
7377543	B	2/8/02	LINING, AEROMETRIX (.235)
7379904-235	-	2/19/02	PREFORM (.242 THICK)
7379905-248	A	2/20/02	CUP ASSY (.248 THICK)
7379906-248	-	2/7/02	CUP (.248 THICK)
7379907-315	-	2/7/02	FASTENER (.315 THICK)
7379908	-	2/7/02	SCREEN
7377562	B	2/8/02	LINING, AEROMETRIX (.365)
7379904-365	-	2/19/02	PREFORM (.374 THICK)
7379905-380	A	2/20/02	CUP ASSY (.380 THICK)
7379906-380	-	2/7/02	CUP (.380 THICK)
7379907-445	-	2/7/02	FASTENER (.445 THICK)
7379908	-	2/7/02	SCREEN
7377528-5	A	11/16/01	TUBE, ADJUSTER
7378183	A	11/16/01	BUSHING, PISTON
7378279	A	11/16/01	PISTON
7378288	B	1/10/02	SPRING, HELICAL
7378553	B	2/8/02	WASHER, RECESSED
7379435	A	1/7/02	NAMEPLATE, PMA
70002 (NAS18A13)	C	2/2/88	RIVET
70002 (NAS18A16)	C	2/2/88	RIVET

Requirements for continued airworthiness are found in the Honeywell Brake Overhaul Manual 32-40-08.

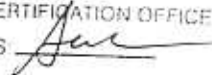
APPROVED BY:


FAA APPROVED

APR 17 2002

 LOS ANGELES
 AIRCRAFT CERTIFICATION OFFICE

INITIALS:



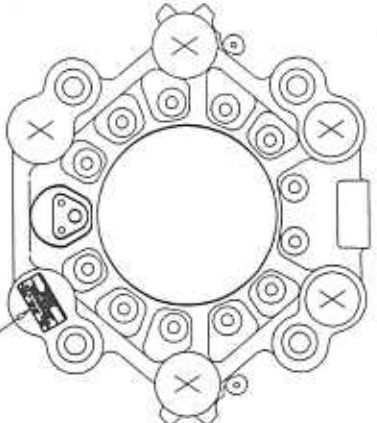
12 11 10 9 8 7 6 5 4 3 2 1

PARTS IN BRAKE ASSEM BLY 2606672			
NASCO P/N	BENDIX P/N	NOM ENCLATURE	-2,-3,-4
7370484	2610484	Retainer, Adjuster pin	X
7370556	2610556	Spacer, Torque Tube	X
7370611-540	2610611-540	Rotor Assy-(540)	AR
7370611-580	2610611-580	Rotor Assy-(580)	AR
7370611-620	2610611-620	Rotor Assy-(620)	X
7370611-660	2610611-660	Rotor Assy-(660)	X
7370611-700	2610611-700	Rotor Assy-(700)	X
7370611-750	2610611-750	Rotor Assy-(750)	X
7373038	2603038	Cup, Retainer	X
7373041	2603041	Pin, Retainer	X
7373057	2603057	Pin, Retainer	X
7373278	2603278	Sheet, Anti-abrasion	X
7374234	2604234	Retainer, Bolt	X
7374849	2604849	Sphere, Adjuster	X
	2605081	O-Ring, Static	X
	2605084	O-Ring, Dynamic	X
7376703	2606703	Plate, Pressure	X
7376737	2606737	Bolt, Machine	X

PARTS IN BRAKE ASSEM BLY 2606672			
NASCO P/N	BENDIX P/N	NOM ENCLATURE	-2,-3,-4
7377091-4	2607091-4	Pin, Adjuster	X
7377453	357453	Lining, Aeromatrix-(255)	X
7377479	357479	Lining, Aeromatrix-(315)	AR
7377484	357484	Lining, Aeromatrix-(295)	AR
7377486	357486	Lining, Aeromatrix-(335)	AR
7377488	357488	Lining, Aeromatrix-(275)	X
7377528-5	2607528-5	Tube, Adjuster	X
7377543	357543	Lining, Aeromatrix-(235)	X
7377562	357562	Lining, Aeromatrix-(385)	AR
7378183	2608183	Bushing, Piston	X
7374056	2614056	Plate, Stator	X
7378279	2608279	Wiper, Piston	X
7378288	2608288	Spring, Helical	X
7378553	2608553	Washer, Recessed	X
7378435		Nameplate, PMA	X
NA518A13	2608438-3	Rivet, Semitubular	X
NA518A16	2608438-1	Rivet, Semitubular	X

- 5 ALL REFERENCES TO 'BENDIX' APPLIES EQUALLY TO 'ALLIED SIGNAL' AND 'HONEYWELL'.
- 4 THE ABOVE PARTS INDEXED WITH AN 'X' ARE INSTALLED IN THE FACTORY BUILT CONFIGURATION, WHEREAS PARTS INDEXED WITH AN 'AR' ARE TO BE USED IN SERVICE OVERHAUL AS REQUIRED.
- 3 THIS DRAWING IS TO BE USED IN CONJUNCTION WITH BENDIX OVERHAUL MANUAL 32-40-08. ALL REFERENCE TO BENDIX P/N 260XXXX, 261XXXX AND 35XXXXX APPLY EQUALLY TO NASCO P/N 737XXXX.
- 2 CLEAN AREA FOR NAMEPLATE INSTALLATION TO REMOVE GREASE, OIL AND OTHER CONTAMINATIONS. PEEL BACKING FROM NAMEPLATE AND FIRMLY AFFIX TO BRAKE HOUSING AS SHOWN. OPTIONAL LOCATIONS ON HOUSING ARE MARKED 'X'.
- 1 THE ABOVE NASCO PARTS ARE APPROVED FOR USE IN BENDIX BRAKE ASSEMBLIES 2606672-2,-3 AND -4 IN BOEING AIRCRAFT 737-200,-300,-400 AND -500.
- NOTES:

REV	DESCRIPTION	DATE	APPROVED
1	ISSUED	11/17/99	
2	REVISION	11/17/99	
3	REVISION	11/17/99	
4	REVISION	11/17/99	
5	REVISION	11/17/99	
6	REVISION	11/17/99	
7	REVISION	11/17/99	
8	REVISION	11/17/99	
9	REVISION	11/17/99	
10	REVISION	11/17/99	



NAMEPLATE
INSTALLATION
VIEW

<p>DATE: 11/17/99</p> <p>BY: [Signature]</p> <p>FOR: [Signature]</p> <p>APPROVED: [Signature]</p> <p>10/13/99</p> <p>11/17/99</p>	<p>BOEING 737-200/-300/-400/-500 INSTALLATION DRAWING OF APPROVED BRAKE PARTS</p> <p>10/13/99</p> <p>11/17/99</p>	<p>10/13/99</p> <p>11/17/99</p>	<p>10/13/99</p> <p>11/17/99</p>
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