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INSTRUCTIONS
for
CONTINUED AIRWORTHINESS
for
HAT RACK SAFETY NET

P/N 206-432-002

for

Bell 206A,B thru S/N 3566, 206L,L-1

&

P/N 206-432-003

for

Bell 206B S/N 3567 and Sub., 206L-3,L-4

Report No. AA-00140
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LIST OF EFFECTIVE PAGES

LIST OF REVISIONS

No Revision (NR) December 7, 2000

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These Instructions for Continued Airworthiness (ICA), except for the Airworthiness Limitation Section, have been reviewed and found to comply with the applicable requirements of Appendix A to the Federal Aviation Regulations Part 27

FAA Acceptance Manuel Perez Date 01/03/01
Fort Worth Aircraft Evaluation Group

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1.0 INTRODUCTION

These instructions contain the information necessary to inspect and maintain the **AERONAUTICAL ACCESSORIES, INC. HAT RACK SAFETY NET KITS** (Bell 206-432-002 for 206A,B thru S/N 3566, 206L,L-1 & 206-432-003 for 206B S/N 3567 and Sub., 206L-3,L-4) Model Helicopters.

1.1 DISTRIBUTION

These instructions are provided with each **HAT RACK SAFETY NET KIT**. Any airworthiness or flight safety revisions will be immediately sent to all affected **HAT RACK SAFETY NET KIT** owners.

2.0 DESCRIPTION

The **AERONAUTICAL ACCESSORIES, INC. HAT RACK SAFETY NET KIT** provides a restraint system for objects stored in the Hat Bin on Bell 206A, B, L, L-1, L-3, & L-4 Model Helicopters. The **HAT RACK SAFETY NET KIT** includes a right and left side Net Assembly with a zipper assembly attaching at the center and all hardware necessary for installation. The Net is constructed of a Nylon web material and includes openings for use of the shoulder harnesses.

3.0 MAINTENANCE INSTRUCTIONS

Refer to paragraphs 3.1 through 3.3.

3.1 PREFLIGHT INSPECTION

The **HAT RACK SAFETY NET KIT** shall receive a Preflight visual inspection. Inspect for proper installation of hardware, any unusual wear patterns, corrosion on attaching hardware and/or damage (loose stitching and torn or ripped fabric), paying close attention to the snap attachment points.

NOTE

Removal of **HAT RACK SAFETY NET KIT** from helicopter is not required for inspection. If any damage is noted during the Preflight Inspection, refer to paragraph 3.2 Repair or paragraph 4.0 Troubleshooting Information.

The Preflight inspection consists of the following items:

1. Inspect the net to ensure all stitching is secure.
2. Inspect the overall condition of the netting material and the edging.
3. Inspect the attaching hardware for corrosion.
4. Inspect the attaching fasteners for security.
5. Inspect the snaps and zipper for security.
6. Check the working operation of each snap to ensure that they fasten securely.
7. Examine the zipper for proper locking.

3.2 REPAIR

Repair **HAT RACK SAFETY NET** as follows:

1. Replace any missing or damaged hardware.
2. Replace any malfunctioning Snap Studs (11).
3. The **HAT RACK SAFETY NET** should be returned to Aeronautical Accessories Inc. for repair, if there is any loose stitching, ripped netting or a malfunctioning zipper.

3.3 CLEANING REQUIREMENTS

Any dirt, sand or debris should be cleaned from the **HAT RACK SAFETY NET** using a mild, non-abrasive soap or cleaner. Wipe surfaces dry with a non-abrasive cloth or paper before cleaning agent evaporates.

4.0 TROUBLESHOOTING INFORMATION

TABLE 1: TROUBLESHOOTING GUIDE (See Figures 1 & 2)

PROBLEM	PROBABLE CAUSE	REMEDY
Net "Pops" off of snaps.	Snaps are loose or missing.	Check snap fastening hardware for security.
	Snaps are positioned wrong on Hat Bin.	Reposition snap locations.
Zipper malfunction	Jammed with foreign object.	Check for presence of foreign object and clear the zipper jam.
	Zipper teeth misaligned.	Check for zipper teeth alignment. If problem persists, return net to AAI.

5.0 REMOVAL AND REPLACEMENT INFORMATION

(Refer to Table 2 and Figures 1 & 2 for part identification.)

5.1 REMOVAL – HAT RACK SAFETY NET KIT

206-432-002 HAT RACK SAFETY NET KIT

1. Remove fastening hardware from edges of Safety Net Assy. (1).
2. Remove Safety Net Assy. (1) from Snap Studs (11) and Velcro (12).
3. Remove Hat Bin from Aircraft and retain hardware.
4. Remove Screws (6), Nuts (7), Washers (9), and Snap Studs (11).
5. Remove Doubler (3).

206-432-003 HAT RACK SAFETY NET KIT

1. Remove Safety Net Assy. (2) from Snap Studs (11) and Velcro (12).
2. Remove Hat Bin from Aircraft and retain hardware.
3. Remove Screws (5), Nuts (7), Washers (8), and Snap Studs (11).

5.2 INSTALLATION – HAT RACK SAFETY NET KIT

206-432-002 HAT RACK SAFETY NET KIT

1. Install Doubler (3) with Epoxy Adhesive (4).
2. Install Snap Studs (11) and Velcro (12).
3. Place Hat Bin into Aircraft with existing hardware.
4. Install Safety Net Assy. (1) to the Snap Studs (11) and Velcro (12).
5. Install Fastener Hardware into edges of Safety Net Assy. (1).

206-432-003 HAT RACK SAFETY NET KIT

1. Install Screws (5), Nuts (7), Washers (8), and Snap Stud (11).
2. Install Hat Bin into Aircraft with existing hardware.
3. Install Safety Net Assy. (2), onto Snap Studs (11)

6.0 STRUCTURAL FASTENER DATA

For hardware identification Table 2 and Figures 1 & 2.

7.0 SPECIAL TOOLS REQUIRED

Rivnut installation tool.

8.0 RECOMMENDED OVERHAUL PERIODS

No component overhaul required for this type design change.

9.0 AIRWORTHINESS LIMITATIONS

No airworthiness limitations associated with this type design change.

10.0 REVISION

A Log Of Revision section is included in these instructions and will be utilized to document all changes. Change recommendations should be submitted to:

AERONAUTICAL ACCESSORIES INC.
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AERONAUTICAL ACCESSORIES, INC.

11.0 PARTS BREAKDOWN

Table 2 contains Parts Breakdown data for the **HAT RACK SAFETY NET KIT** as illustrated in Figures 1 & 2.

**TABLE 2: HAT RACK SAFETY NET KIT (206-432-002/-003) PARTS
BREAKDOWN**

INDEX NUMBER	PART NUMBER	ITEM NAME	QTY -002	QTY -003
1	206-432-115	Safety Net Assy.	1	
2	206-432-116	Safety Net Assy.		1
3	206-432-119	Doubler	1	
4	21426	Epoxy Adhesive (10-1 oz)	1	
5	120-079-6-8	Screw		15
6	120-079-6-10	Screw	2	
7	MS20365-632	Nut	2	15
8	NAS1149FN632P	Washer Alt: AN960-10		15
9	NAS1149FN416P	Washer Alt: AN960-4L	2	
10	A6-120	Rivnut	2	
11	BS10379	Snap Stud	2	15
12	SJ3572 BLK HK 1"	1" Black Hook Velcro	45"	77.4"

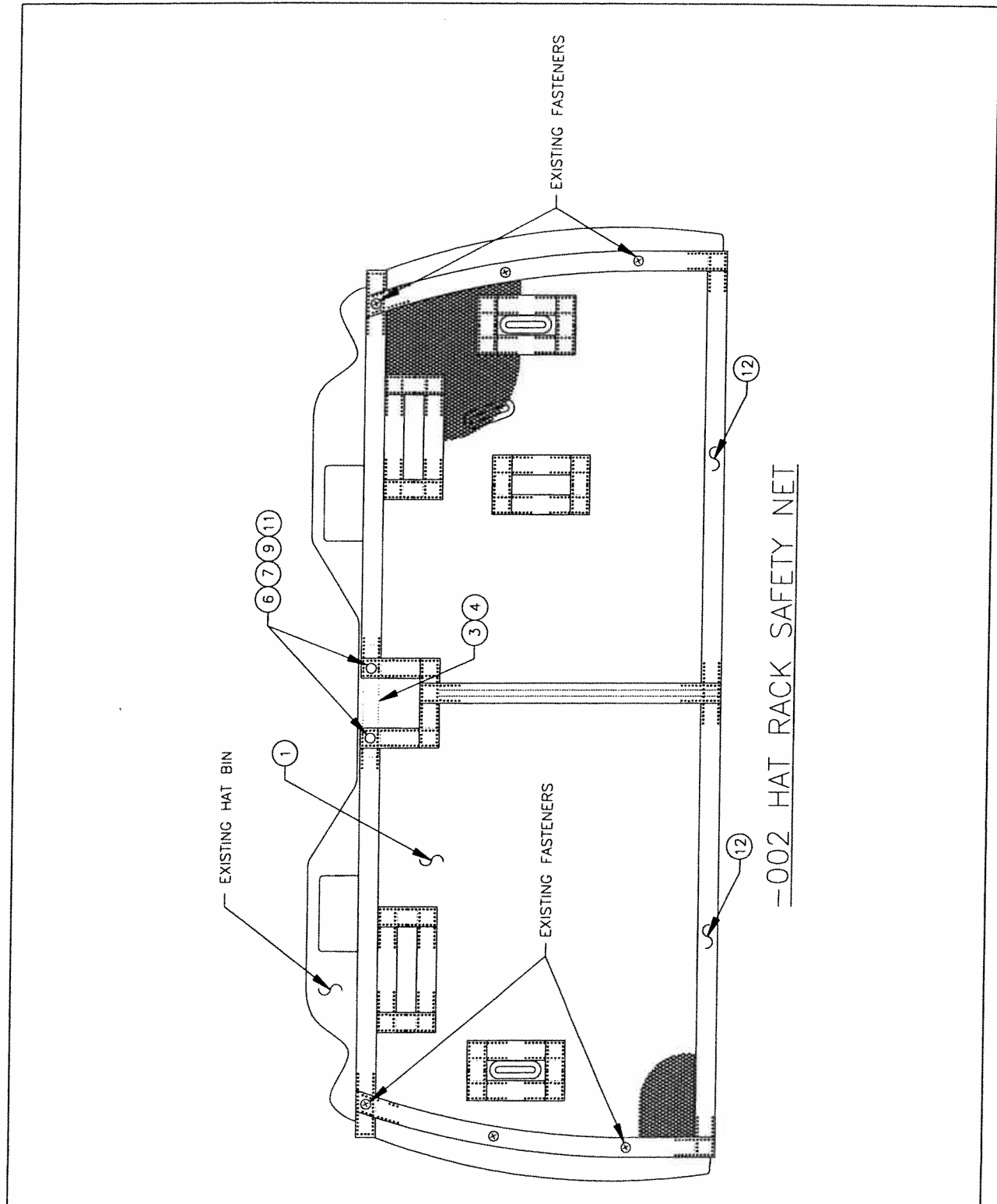


Figure 1
Hat Rack Safety Net Kit (206-432-002)

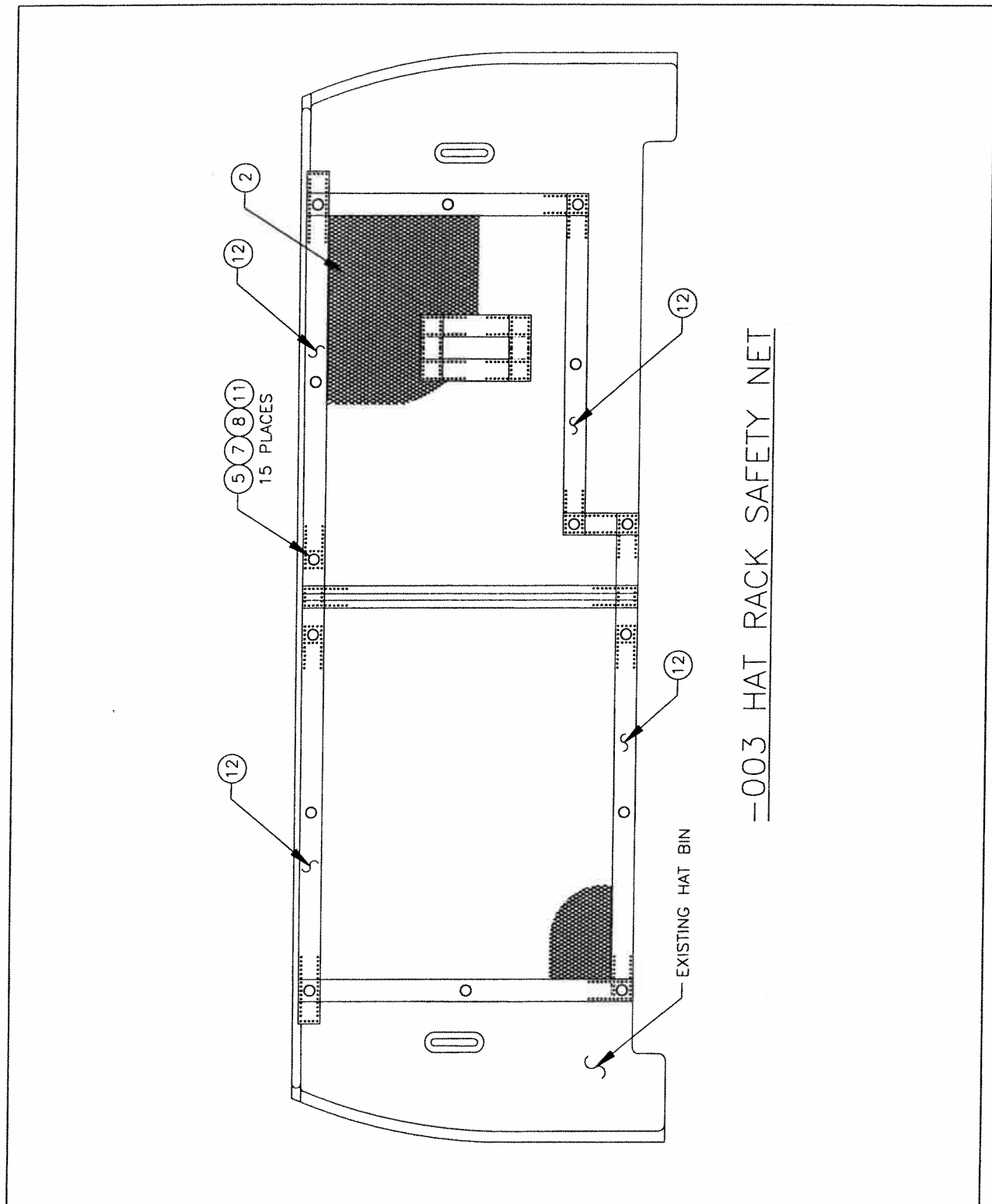


Figure 2
Hat Rack Safety Net Kit (206-432-003)