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SERVICE BULLETIN SB300426
AERODYNE ICON AAD CUTTER PLACEMENT ABOVE THE RESERVE PILOT CHUTE

Date of Issue : **30 April 2026**
Subject : **Aerodyne ICON AAD Cutter Placement**

STATUS : **MANDATORY**
Compliance : **Before Next Jump**
Identification : **ICON Sizes 1–5**
ICON NEXGEN

- Models: IX–I1 to IX–I5 / S5
- Models: IX–I1L to IX–I4L (ICON LONG Sizes 1-4)
- Requirement:
  AAD cutter must be placed above the reserve pilot chute on flap #3 (reserve right-side flap)

ICON Sizes 1-5
ICON PRE-NEXGEN

- Models: IN–I1 to IN–I5
- Requirement:
  AAD cutter must be placed above the reserve pilot chute
  ICON PRE-NEXGEN with no MARD (No flap 2 and 2a):
  Place Cutter on Flap #2 (reserve right-side flap)
  ICON PRE-NEXGEN with MARD Flap 2 and 2a:
  Place Cutter on Flap #3 (reserve right-side flap)

AAD Cutter Placement Background

As per Technical Bulletin TB-250122 (2022), Aerodyne identified AAD cutter placement as a configuration consideration based on internal testing. At that time, a recommendation was issued for ICON sizes 1–5. Following ongoing product evaluation and to promote consistency across different operating environments and jurisdictions, Aerodyne has updated this guidance to MANDATORY for all ICON sizes 1–5.
This update ensures a standardized configuration approach across the global user community.

How to Identify Your ICON
Check the warning label on your system:

- ICON NEXGEN: Serial number starts with “IX”
- ICON PRE-NEXGEN: Serial number starts with “IN”

Inspection and Modification Procedure:

- Verify container model and size
- All modifications must be performed by a qualified and appropriately rated rigger in accordance with manufacturer-approved procedures.

Materials Required:

Materials:

- E-Thread (T-69 T-70)
- 62mm of Type 12 Webbing
- 90mm x 50mm ZP Ripstop Fabric
- 40mm of 38mm (1.5 inch) Elastic.
  Recommended thickness is 1 – 1.5mm
- 60mm of 22mm Type 3 Binding Tape

Closing Action:

Record compliance in the equipment logbook, including:

- Date of inspection/modification
- Description of work performed
- Rigger name, certificate number, and signature

For Icon container sizes I6 through I9, Aerodyne authorizes the AAD cutter above the reserve pilot chute, as outlined in this bulletin, as an optional configuration at the user's discretion.
This is not mandatory for these sizes.

Approval:

A D Hayhurst (CEO)
AERODYNE RESEARCH LLC

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Materials:

- E-Thread (T-69 T-70)
- 62mm of Type 12 Webbing
- 90mm x 50mm ZP Ripstop Fabric
- 40mm of 38mm (1.5 inch) Elastic
  Recommended thickness is 1 – 1.5mm
- 60mm of 22mm Type 3 Binding Tape

Step 1. Preparation

Cut a 62mm (+/- 2mm) length of type 12 webbing using a hot knife
Cut the hole using #0 grommet punch (do not hot knife hole)
Mark as shown in figures 1.1 and 1.2.

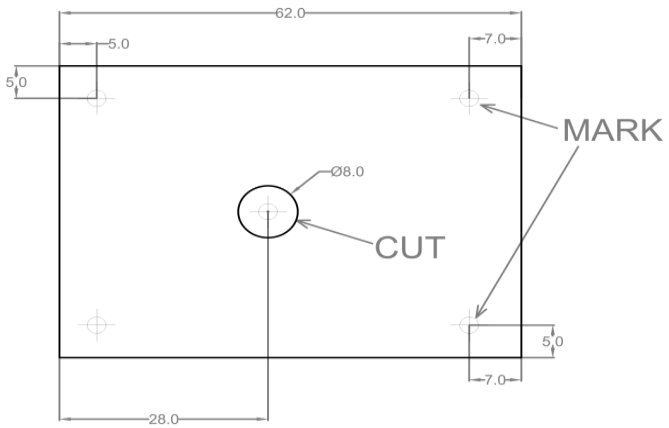

Figure 1.1

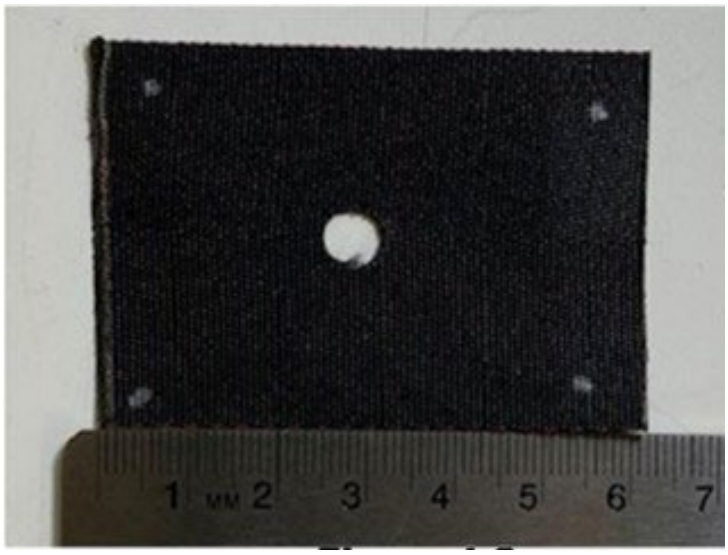

Figure 1.2

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Step 1. Preparation (continued)

Cut a rectangle of ZP fabric to 90mm x 50mm as shown in Figures 1.3 and 1.4.

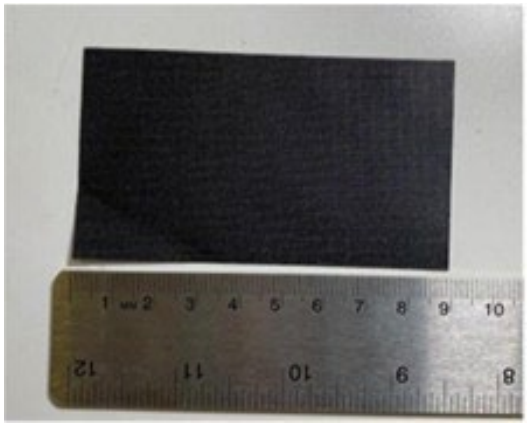

Figure 1.3

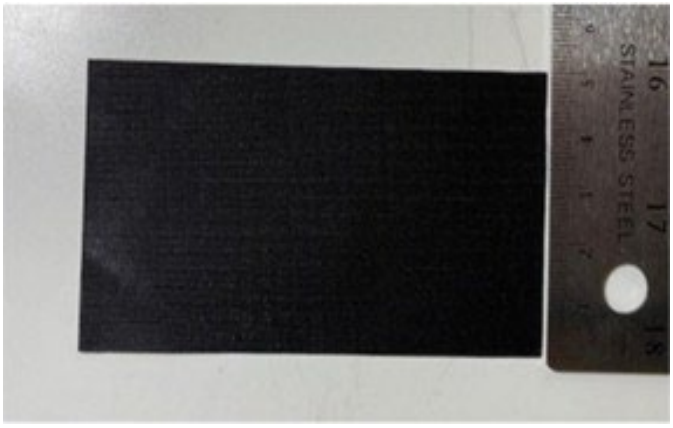

Figure 1.4

Cut a piece of 38mm wide (1.5 inch) elastic to 40mm long as shown in Figure 1.5.
Fold elastic, raw edges together and bind them using 22mm Type 3 Tape as shown in Figures 1.6 and 1.7

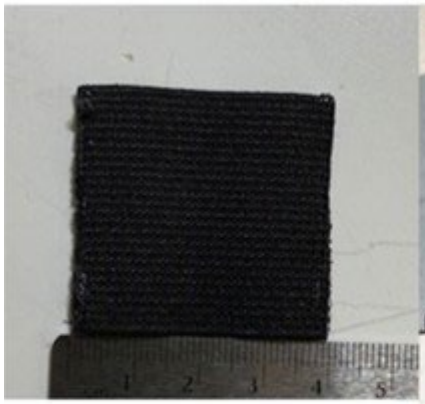

Figure 1.5

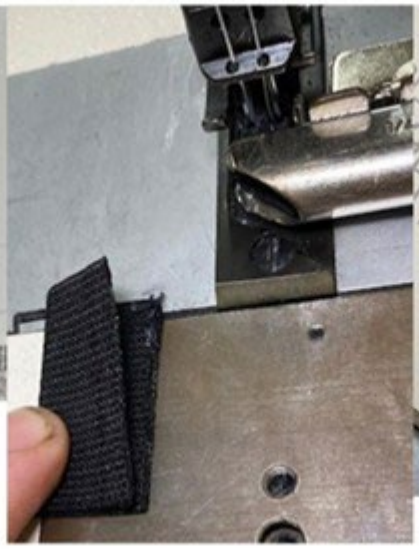

Figure 1.6

Figure 1.7

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Step 1. Preparation (continued)

Using a hot Knife, cut the binding tape flush with the edge of the elastic as shown in Figure 1.8 and 1.9

Figure 1.8

Figure 1.9

Fold the ZP fabric rectangle a shown in Figure 1.10. Then sew the edges together with a straight stitch machine using E-Thread as shown in Figure 1.11

Figure 1.10

Figure 1.11

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Step 2. Installation

Place the type 12 webbing on the underside of flap 3, with the hole aligned with the grommet as shown in Figure 2.1. Sew the type 12 webbing with a triple pass using E-thread as shown in Figure 2.1.

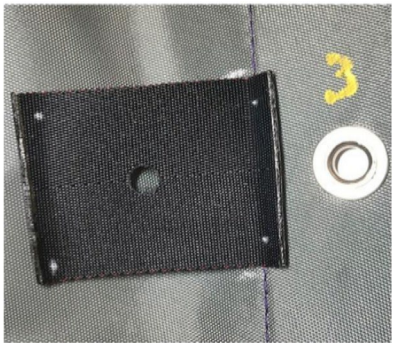

Figure 2.1

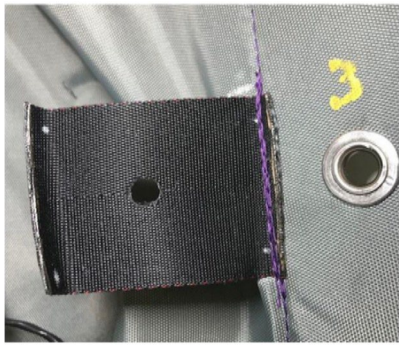

Figure 2.2

Using a pencil of similar thickness to the cutter, fold the type 12 webbing over the pencil and insert a premade Elastic loop under the Type 12 as shown in Figure 2.3 and 2.4. Use hemostats to hold in place. Sew using a triple pass of E-thread as shown in Figure 2.5 using the pattern shown. Check for proper clearance using the same pencil again after sewing, as seen in Figure 2.5.

Figure 2.3

Figure 2.4

Figure 2.5

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Step 2 : Installation Continued

Take the pre-sewn ZP fabric channel and flip it inside out as shown in Figure 2.6 and 2.7

Figure 2.6

Figure 2.7

Take the ZP fabric channel and sew it onto the bottom side of Flap 3 using E-thread and a single needle as shown in Figure 2.8 and Figure 2.9

Figure 2.8

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Step 2. Installation (continued)

Using a hot knife or scirrors, cut a small slit, (1.5-2cm) in flap 1, approximately 2cm from the edge to pass the cutter through towards the end of the channel that was just installed, as shown in Figure 2.10
Ensure to protect the surrounding fabric if using a hot knife

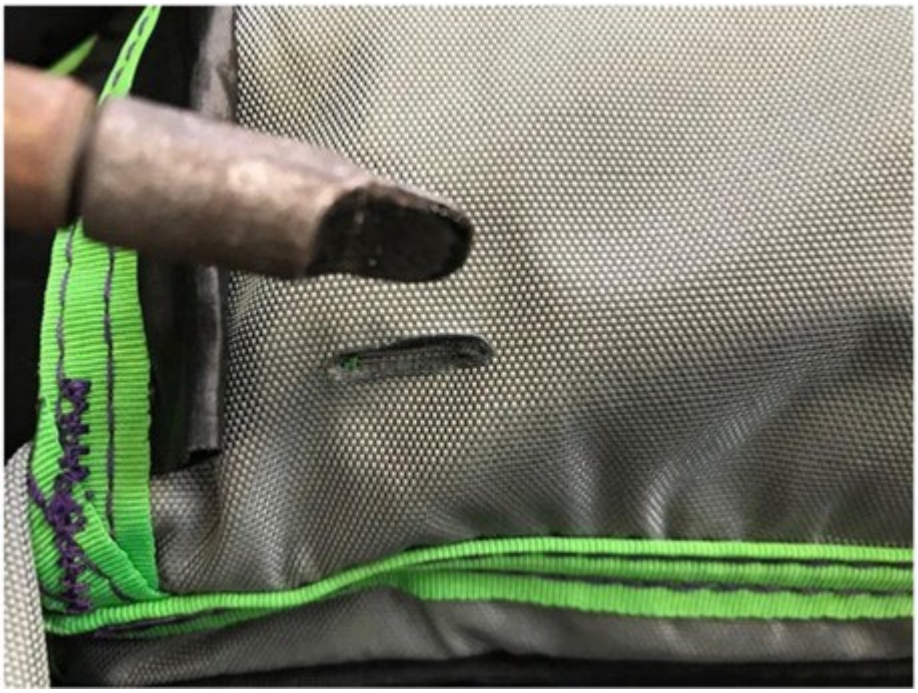

Figure 2.10

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Step 3. Assembly

Feed the AAD cutter through the slit made in the previous step, (Figure 2.10,) then through the cable cover, and finally into the elastic pocket ensuring the hole in the cutter lines up with the hole in the type 12 and grommet as shown in Figure 3.0.

Figure 3.0

Modification is complete and ready to pack