## FCO: 68-3104

<table>
<thead>
<tr>
<th>PRODUCT:</th>
<th>NUR Fresco and Blueboard</th>
<th>PART/ASSEMBLY:</th>
<th>20-1170</th>
<th>FCO Kit P/N:</th>
<th>09-7121</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISSUE DATE:</td>
<td>26-Oct-06</td>
<td>DESCRIPTION OF CHANGE:</td>
<td>Replacing the Galil controller cover to improve controller cooling</td>
<td>APPLICABLE FOR:</td>
<td>All Blueboard All Fresco I 1800, 3200</td>
</tr>
<tr>
<td>SOFTWARE AFFECTED:</td>
<td>☑ YES ☐ NO</td>
<td>IMPLEMENTATION:</td>
<td>☑ NEXT VISIT ☐ ON FAILURE</td>
<td></td>
<td></td>
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<tr>
<td>TYPE OF CHANGE:</td>
<td>☑ MANDATORY ☐ CONDITIONAL</td>
<td>MATERIAL DISPOSITION:</td>
<td>☑ N/A ☐ USE AS SPARE ☑ DISCARD ALL ☐ DISCARD SELECTIVELY (refer to Material Disposition) ☐ SEND BACK FOR REWORK</td>
<td></td>
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<tr>
<td>PROJECT MANAGER:</td>
<td>Arie Leybowitz</td>
<td>ENGINEERING MANAGER:</td>
<td>Yoel Swed</td>
<td>ICS MANAGER:</td>
<td>Avner Hadad</td>
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</table>

**Read this document carefully before implementing the FCO!**
1. General

This FCO provides the procedures for replacing the Galil controller cover to eliminate the controller overheating problem in Fresco and Blueboard printers.

2. Estimated Installation Time

The implementation of the procedures in this FCO requires approximately ½ hour.

3. Implementation

This option should be implemented on every machine with controller overheating problems.

Note
Perform a test print to verify that the printer you want to perform this procedure is in good working order before replacing the controller cover.

All Fresco II printers are already upgraded with this option.

4. Installation Procedure

The installation of the new controller cover is comprised of the following general steps, described in the following sections:

1. Powering down the Fresco or Powering Down the Blueboard
2. Replacing the Galil Controller Cover
3. Powering Up the Printer

4.1 Powering down the Fresco

The following procedure describes how to power down the Fresco printer before replacing the Galil controller cover.

1. On the PrinTop application on the technician’s workstation, select the Motion tab and click Sleep. The printer enters sleep mode.
2. From the File menu on the PrinTop application, select Exit. The application closes.
3. From the Windows Start menu, select Shut Down and click OK. Windows closes.
4. Turn the printer's main power switch to Off.
4.2 Powering Down the Blueboard

The following procedure describes how to power down the Blueboard printer before replacing the Galil controller cover.

To move the print heads to the service position:

1. In the Queue Manager, click 🔄.  

2. In the Motion window, click 🔄.  

3. Click Close to return to the Queue Manager.

To stop the inkjets:

1. In the Queue Manager, click 🔄.  

2. In the Ink System window, click Stop Jets for each color. 

Tip
Right-click to display a dropdown menu, and choose Stop Jets. The Stop Jets option is applied to all 4 colors simultaneously.

3. Clean the inkjets thoroughly and dry them with the air gun.

Note
To clean the inkjets, open the frame surrounding the print head carriage and swing open the right cluster of print heads.

4. Rinse the gutters with MEK solvent and close them. The screws should be horizontal.

To stop the inkjet system:

1. In the Ink System window, click Stop Ink for each color. 

Tip
Right-click to display a dropdown menu, and choose Stop Inks. The Stop Inks option is applied to all 4 colors simultaneously.

2. Click Close to return to the Queue Manager.

To shut down the printer:

1. Press the red Emergency Stop button. 

2. Turn off the main switch.

3. From the computer Start menu, select Shut Down. Windows closes and the computer turns off.
4.3 Replacing the Galil Controller Cover

The following procedure describes how to remove the Galil controller cover.

1. Disconnect all cables attached to the Galil controller and remove the Galil controller from the printer.

2. Remove the 6 securing screws from the controller cover, shown in Figure 1.

3. Remove the controller cover and discard the cover.

4. Place the new controller cover on the Galil controller, and secure the new cover to the controller with the securing screws.

5. Place the Galil controller in the printer, and reconnect all cables to the controller.
4.4 Powering Up the Printer

The following procedure describes how to restore the power to the printer, and restart the computer and PrinTop application.

1. Close all doors on the printer cabinet, and turn the printer's main power switch to On. The power is restored to the printer.
2. Press the power button on the printer's computer. The computer starts.
3. Log on to Windows.
4. From the Windows Start menu, select Programs > Nur Macroprinters > PrinTop.exe. The PrinTop application opens.
5. Click Wake Up on the Motion tab of the PrinTop application. The printer’s systems begin functioning.
6. Perform a test print to verify that the printer is working properly.
7. Report the S/N of the printer with the new controller cover to ICS.