



Video Script
 Allen-Bradley Fast Track® Printer
 (7.0) 08 18 04 Training Video Script
 AKYates/RASmith

VISUAL	AUDIO
<p>INTRODUCTORY SHOTS</p> <p>CLOSE UP OF MEDIA PLAYER'S CONTROLS WITH COMPUTER CURSOR CLICKING PAUSE . . . REWIND . . . AND PLAY WITH NARRATOR.</p> <p>GLAMOUR SHOT OF PRINTER & A-B 1492-M MARKER CARDS.</p> <p>EPSON LOGO UP FRONT, RECEDES INTO BACK AS A-B LOGO COMES UP, CLOSE ON SCREEN</p>	<p>Congratulations on your purchase of the new Allen-Bradley® brand Fast-Track printer. And welcome to this special training program.</p> <p>If at any time you want to stop this presentation to try or review one of the steps, click on the Pause button on your computer's Media Player. Also make full use of the Rewind and Play buttons to review sections you need to see again.</p> <p>The Allen-Bradley Fast Track printer is a custom-engineered ink jet model designed specifically for use with Allen-Bradley 1492-M marker cards.</p> <p>While the printer uses technology developed by Epson, Epson does not sell the unit. Only Allen-Bradley distributors do.</p>
<p>RESOURCES IN BOX</p>	
<p>2. SHOTS OF BOX</p> <p>DISSOLVE TO CLEAR SCREEN OR TABLE TOP SHOT WITH INDIVIDUAL CONENTS BLOOMING ON ONE BY ONE</p>	<p>Before we begin, let's make sure you have all the elements you need to properly assemble and set up your new Fast Track printer.</p> <p>You should have received two shipments. One shipment should be a small box containing One Allen-Bradley black ink cartridge, catalog number 1492-PRTINKCART</p> <p>The other shipment should be a large box containing the following:</p> <ul style="list-style-type: none"> ▪ A-B Fast Track Printer ▪ One, catalog number 1492-PRTCLEAN – this is a <i>color</i> ink cartridge that functions as a cleaner for the printing heads. You should also find . . . ▪ One input rail. ▪ One output rail.

<p>CURSOR HITTING PAUSE OR STOP BUTTON A-B DISTRIBUTOR PROGRAM LOGO</p>	<ul style="list-style-type: none"> ▪ One parallel printer cable. ▪ One CD-ROM disk with Allen-Bradley catalog number 1492-PRTSOFT software. ▪ And, an instruction guide. <p>And, one CD-ROM disk with Allen-Bradley catalog number 1492-PRTSOFT software.</p> <p>If you're missing any of these items, Pause or Stop this program now and contact your Allen-Bradley sales office or distributor.</p>
<p>PRINTER OVERVIEW</p>	
<p>3. CG: "Printer Overview"</p> <p>HANDS LIFT UP HOOD OF PRINTER, CAMERA CUTS SHOW VARIOUS ELEMENTS</p> <p>SHOT OF MARKER INPUT RAIL</p> <p>SHOT OF INK WELL</p> <p>SHOT OF HEATING ELEMENT</p> <p>SHOT OF MARKER OUTPUT RAIL</p>	<p>Before we set up the printer and install the software, let's take a quick look at how the system works:</p> <p>A marker card enters the Allen-Bradley Fast Track Marker Printer via this input rail. It then moves inside the printer by a conveyor.</p> <p>Ink is applied to the marker card here, under the printer cover door.</p> <p>A heating element here helps the ink adhere to the plastic card.</p> <p>The completed marker card exits the printer here . . . via the output rail.</p>
<p>PRINTER SET UP</p>	
<p>4 PRINTER SET UP (CG: PRINTER SET UP)</p> <p>HAND PULLS PRINTER OUT OF BOX ONTO ROOMY SURFACE</p> <p>HAND REMOVES CARDBOARD FROM DOOR ATOP PRINTER</p>	<p>Let's set up the Fast Track Printer. Take the unit out of the box . . . and place on a freely accessible, sturdy surface. Make sure there's approximately 20-inches of space beyond the end of the unit for marker cards to exit the printer.</p> <p>Open the door on the top of the printer . . . and remove the protruding cardboard shipping brace. This brace is disposable; it was inserted to protect the printer during transportation only.</p>
<p>5. (CG: INPUT / OUTPUT RAIL)</p> <p>HANDS POINT OUT DIFFERENCE BETWEEN OUTPUT RAIL (RIBS ON SIDES) AND INPUT RAIL.</p>	<p>Now, let's add the input and output rails.</p> <p>Note that the output rail has ribs on its sides – the input rail does not.</p> <p>When assembling, ensure that the input and</p>

<p>HAND SNAPS INPUT RAIL IN HAND SNAPS OUTPUT RAIN IN</p>	<p>output rails snap firmly into place. Lift and hook them onto the printer . . .</p> <p>At the front . . . And at the back . . .</p>
<p>6. PRINTED MARKER COMES OFF OF OUTPUT RAIL AND INTO CLEARANCE AREA</p> <p>SHOW PRINTER CABLE PROVIDED – ONLY – being used to connect printer to PC.</p>	<p>Here’s another reminder to make sure you observe the minimum 20-inch clearance beyond the end of the output rail. You’ll need this when markers exit of the printer . . .</p> <p>A printer cable is included in the box for your use. If you wish, you can also connect the printer using an optional USB cable, which you can purchase separately.</p> <p>Now connect the Fast Track marker printer to your personal computer</p>
<p>7 CONNECT POWER CORD TO PRINTER AND ELECTRICAL OUTLET. (DO YOU NEED TO SHOOT BOTH USA AND NON-USA OUTLETS?)</p>	<p>Once the printer and computer are connected, take the power cord provided and plug the printer into a standard electrical outlet.</p>
<p>INSTALLING SOFTWARE</p>	
<p>8 CG: Installing Software Application</p> <p>TAKE CD OUT OF WRAPPING OR SLEEVE</p> <p>LOAD INTO COMPUTER’S CD DRIVE</p> <p>DIALOG WINDOW ASKING FOR PREFERRED LANGUAGE</p> <p>CURSOR CLICKS NEXT</p>	<p>The next step is to install the Fast Track software application on your computer. This software is compatible with Windows 98 operating systems or later.</p> <p>Place the CD that came in the box in your computer’s disk drive.</p> <p>In the Window that opens, select your preferred language.</p> <p>The software installation window will open.</p>
<p>9. CURSOR CLICKS ON A-B PRINT & INSTALL SHIELD TAKES OVER</p> <p>OPRATOR CHOOSES RE-START ON COMPUER MENU</p>	<p>Under “Software”, click on A-B Print. An Install Shield will extract the files. A window titled “User Information” will appear. Type the requested information and then click on “Next”.</p> <p>Now a window titled “Choose Destination Location” should appear. The default program</p>

<p>WIPE TO COMPUTER BEING UP AND RUNNING AGAIN GOING THROUGH THE MOTIONS</p> <p>PDFS OF DOCUMENTS</p>	<p>location is the C drive. If this is OK, click on "Next". If it is not, click on Browse and choose the desired location and then click on "Next".</p> <p>Now a window titled "Select Program Folder" should appear. Click "Next" if OK. Wait while the program is being set up.</p> <p>The "Setup Complete" window will later appear. You must restart your computer to complete the installation.</p> <p>If you are ready now, choose "Yes" and then click "Finish" to restart your computer now. Otherwise, you will need to restart your computer before you use the program.</p> <p>When the computer is up and running again, you'll find the application program by going to the Start Menu . . . Programs . . . A-B Print.</p> <p>There you will also find printer documents in electronic form, including:</p> <ul style="list-style-type: none"> - The Printer Manual - The Marker Carrier Manual - A Short Installation Guide . . . and - A Software Manual
<p>INSTALLING PRINTER DRIVERS</p> <p>10. CG: Installing the Printer Drivers</p> <p>CAMERA FOLLOWS CURSOR</p> <p>SCREEN SHOT OF OPERATING SYSTEM SELECTION</p> <p>EPSON SCREEN SHOT</p> <p>SCREEN SHOT – PRINTING PREFERENCES, THEN SUBSEQUENT BOXES AND WINDOWS</p>	<p>To install the printer drivers, your computer must be connected to the Fast Track Printer. If it is connected, let's install the printer drivers. Open the installation program through your computer's disk drive. And under "Printer", select the Printer Driver button . . .</p> <p>When the dialog window opens, select your operating system – in this case we'll choose Windows 2000/XP</p> <p>Click on Epson Stylus C-62 series . . . and then OK. Read the license agreement. If you accept, click on "Accept". The driver should now be installed.</p> <p>To check that the printer settings are correct, go to Start...Settings...Printer... Select Printing Preferences. Make certain "Best Photo" and Plain</p>

	<p>Paper are selected...Then select "Advanced." Make sure "Black Ink Only" and "Edge Smoothing" are checked.</p>
INSTALLING PRINTER STATUS MONITO	
<p>11. CG: Installing the Printer Status Monitor SCREEN SHOTS</p> <p>SCREEN SHOTS</p> <p>SCREEN SHOTS</p>	<p>Now let's install the printer status monitor. The purpose of this monitor is to allow you to the view ink levels in your printer cartridges on-line.</p> <p>In the main Window, select Status Monitor . . . The software installation window will open . . .</p> <p>Choose "C62", then "OK" to start the installation ... And follow the instructions on the screen.</p> <p>If the printer is set up on a network, the printer driver and status monitor will need to be downloaded to EACH computer in the network.</p>
OPERATOR PANEL	
<p>12. (CG: Operator Panel)</p> <p>SHOTS OF BUTTONS MENTIONED, CG TO INDICATE #1, 2, 3, 4.</p> <p>(NOTE: THE NUMBERING OF THESE BUTTONS MAY CHANGE WITH SCRIPT REVISIONS)</p>	<p>Now, let's turn our attention to the Operating Panel on the Fast Track Printer: This operator interface is located on the surface of the printer shell. The printer system will be controlled through the settings you make using this panel.</p> <p>Press THIS button to turn the printer on or off. When the printer is on, you will press this same button twice to delete print jobs.</p> <p>To set the temperature, press THIS button. IT controls the temperature of the heater elements, which bake the ink onto the marker cards. For our first exercise in this training module we'll ask you to repeatedly press it until all indicator lights are off – this will cycle the temperature to 0%.</p> <p>The zero percentage setting allows you to wipe off and re-use marker cards during testing or set up. A document with the heat settings for each marker card is located on the AB.Com web site.</p> <p>To find it, go to AB.COM . . . Industrial controls . . . terminal blocks and wiring . . . marking systems . . . and . . . fast track printer. You'll find the document under "Get Literature." It's called "Marker Card Information."</p> <p>In another part of this demonstration, we will</p>

	<p>activate the heater elements by pressing this button repeatedly until the 100% temperature indicator light is on. 100% will be the level for majority of marker cards, while 80% is the correct temperature for thicker markers such as the wire marker cards, catalog number 1492-MWC</p>
LOADING THE INK CARTRIDGES	
<p>13. CG: Loading the ink cartridges</p>	<p>Your printer comes with two ink cartridges: A black ink cartridge . . . and a color cartridge that functions as a cleaning cartridge. Please note that the printer is NOT designed to print in color.</p>
<p>14. FINGER PUSHES INK CARTRIDGE BUTTON CG: "Never move the print head manually"</p> <p>FINGER PRESSES INK CARTRIDGE BUTTON</p> <p>HAND UNWRAPPING BLACK INK CARTRIDGE HAND REMOVES SEAL FROM BLACK INK CARTRIDGE</p> <p>THEN SCREEN FOCUSES ON THE A-B BLANK INK CARTRIDGE ONLY CG: "Only use A-B blank ink (1492-PRTINK CART)"</p>	<p>Now on the printer's operator panel, press the ink cartridge button . . . the one with the ink drops graphic. This will move the print head into position for inserting the ink cartridges or replacing them when empty. And please remember NEVER to move the print head manually as this can damage the printer.</p> <p>Within 1 to 2 minutes, the print head will move to its front – or "home "-- position and the operation indicator LED will light.</p> <p>Now we'll install the black ink cartridge. Locate the black ink cartridge – Catalog number 1492-PRTINKCART. Unwrap it. Remove the seal from the ink cartridge by pulling up on the plastic tab.</p> <p>It is important to note that special Allen-Bradley black ink is required for printing A-B marker cards. Black Epson ink will NOT work with the cards – only A-B Ink will. So be sure to purchase specially formulated black ink cartridges from your Allen-Bradley distributor.</p>
<p>15 CG: "Load Black Cartridge"</p> <p>FINGERS POINT OUT ELECTRONIC CONNECTIONS, THEN INSTALL CARTRIDGE.</p>	<p>Now, lift up the smaller cartridge door and place the black ink cartridge inside.</p> <p>Be sure to load the black cartridge so the electronic connections make contact.</p> <p>Make sure the cartridge is in place, and then</p>

HAND CAREFULLY CLOSES THE LID	carefully close the cartridge well lid. Do this gently to avoid breaking the tiny legs on the cartridge lid.
<p>16. HAND UNWRAPPING COLOR INK CARTRIDGE REMOVE SEAL FROM COLOR CARTRIDGE</p> <p>LOADING COLOR CARTRIDGE INTO PRINTER</p> <p>HAND CAREFULLY CLOSES THE LID</p> <p>CLOSE COVER, PRESS INK CARTRIDGE BUTTON AGAIN</p>	<p>Locate the color – or cleaning – cartridge, catalog number 1492-PRTCLEAN . . . and unwrap it. Now remove the seal on the color cartridge.</p> <p>Lift up the larger cartridge lid . . . and place the color-cleaning cartridge into the printer.</p> <p>Now, close the cartridge lid. Again, do it carefully to avoid breaking the tiny legs Replacement s for the color cartridge may be purchased at any retailer carrying an equivalent.</p> <p>Congratulations. You've installed the cartridges.</p> <p>Now close the printer cover door, and press the ink cartridge button again to move the print head back to its initial – front side -- position.</p> <p>Incidentally, never turn the printer off when an indicator LED is flashing. For information on LED lights, the maintenance button and the reset button refer to the printer manual.</p>
CHECK PRINTING ALIGNMENT	
<p>17 CG: Checking alignment of printing</p> <p>LOADING MARKER CARD</p> <p>PC SHOTS</p> <p>SCREEN SHOT OF CURSOR GOING THRU MOTIONS: AB PRINT . . . START . . . ETC.</p> <p>MARKER CARD SELECTION SCREEN</p> <p>HAND HOLDING MARKER CARD, SHOWING REVERSE SIDE, POINTING OUT THE PART</p>	<p>Now let's check print alignment for our markers – first for all markers in general – then for a specific type of marker card</p> <p>Load a marker card into the printer on the input rail . . . and . . . position the end with the closed rung into the machine.</p> <p>Now we'll set the initial marker setting for your main marker card. We do that by launching the software.</p> <p>Go to ABPRINT . . . Start . . . Programs . . . ABPRINT. . . and ABPRINT.</p> <p>Once the software is up and running, the Marker Card Selection dialog box will appear. Select the marker card you wish to use</p> <p>The marker card type is located on the back of the marker card.</p>

<p>NUMBER ETCHED THERE.</p>	
<p>18 SHOW SAME NUMBER ON MARKER CARD SELECTION SCREE</p> <p>SCREEN SHOTS FOLLOW SCRIPT</p> <p>CONSULT ANN'S MARKER DIAGRAMS</p>	<p>Back to the marker card selection screen . . . Select the marker card number you saw . . . and press OK.</p> <p>Highlight the bottom left box and type an upper case X. Use the arrow key to select the next upward box and type another X. Repeat for the entire first vertical column.</p> <p>Now highlight that first column and copy your Xs by doing Control C.</p> <p>Highlight the bottom right box and paste the Xs into the entire column by hitting Control V.</p> <p>You should now have both columns filled from top to bottom with X's.</p>
<p>19 SHOTS: CONTROL PANEL, MARKER CARD BEING LOADED INTO PRINTER</p> <p>HAND SHOWING MARKER IS FULLY IN</p> <p>SCREEN SHOTS FOLLOW</p> <p>SHOW MESSAGE ABOUT CARTRIDGE NOT BEING AN EPSON BRAND CARTRIDGE.</p> <p>SHOT OF MARKER CARD BEGINIINIING TO FLOW THRU SYSTEM. WHEN IT EXITS, HANDS HOLD THE MARKER CARD AS IT'S EXAMINED.</p>	<p>Now, let's print a marker. Make sure that the temperature is set at zero percent (0%)! The reason we are running at zero is to avoid baking the test ink onto the marker card. With the temperature set at zero you can print test ink onto a card, examine the card, then wipe it off with a towel and water . . . and reuse it.</p> <p>Place the respective marker card on the input rail, with the full rung facing towards the printer. Insert the marker card until it stops</p> <p>Go back to your PC. Click File and drag down to print . . . Click on "print" and select "OK."</p> <p>If you get a message about the ink cartridge not being an EPSON, this is OK because the cartridge MUST be Allen-Bradley brand ink.</p> <p>Click Print . . . click OK</p> <p>The marker card will then go through the printer.</p> <p>Now check the print results. Make sure the X is centered in each box. If each X is positioned properly, good. You can move on.</p> <p>If not, continue on to the calibration stage.</p>

CG: FIRST TIME SET UP	
<p>20 CG: "Calibration"</p> <p>SCREEN SHOTS</p> <p>ANN'S DIAGRAMS PLUS MARKER CARD WITH FINGERS OR PENCIL INDICATING KEY POINTS, INTERSPERSE WITH SCREEN CAPTURES</p> <p>SHOW RULER</p>	<p>The Calibration stage will help you achieve a base setting for all marker cards.</p> <p>If you need to correct the placement of some of the Xs in the card you just printed, you can re-calibrate by going to File . . . Print . . . Settings . . . and adjust accordingly.</p> <p>Look at the bottom X in the first column to set the margin. If the X is too <i>low</i> in the box, <i>increase</i> the first margin setting.</p> <p>If the X is too <i>high</i> in the box, <i>decrease</i> the first margin setting.</p> <p>Please note that the numbers on the screen are in millimeters. And the appropriate settings can be determined by physically measuring the marker card with a ruler.</p> <p>Now, look again at the bottom X in the first column. If the X is too far to the left in the box, increase the last margin setting. If the X is too far to the right in the box, decrease the last margin setting.</p>
<p>21. CG: "Calibrate scale from row-to-row."</p> <p>ANN'S DIAGRAMS PLUS MARKER CARD WITH FINGERS OR PENCIL INDICATING KEY POINTS, INTERSPERSE WITH SCREEN CAPTURES SCREEN CAPTURES</p>	<p>Now we can set the scale. First by looking at how the printing is positioned from row to row.</p> <p>Again, please focus on the first column. But this time, compare the positions of the bottom X with the <i>top</i> X.</p> <p>If the top X is positioned <i>higher</i> in its box than the lower X, <i>decrease</i> the first "scale" setting.</p> <p>If the top X is at a lower position in its box than the bottom X is, <i>increase</i> the first "scale" setting.</p>
<p>22. CG: "Calibrate scale from column-to-column."</p> <p>ANN'S DIAGRAMS PLUS MARKER CARD WITH FINGERS OR PENCIL INDICATING KEY POINTS, INTERSPERSE WITH SCREEN CAPTURES SCREEN CAPTURES</p>	<p>Now we will calibrate the printing from column to column.</p> <p>Compare the bottom x of the first column and the bottom x of the <i>last</i> column</p> <p>If the X in last column is positioned too far <i>left</i> in</p>

	<p>comparison to the first X . . . <i>increase</i> the last scale setting.</p> <p>If the X in last column is positioned too far <i>right</i> in comparison to the first X. <i>decrease</i> the last scale setting.</p> <p>Now click Accept, close out the window, and let's check our calibrations.</p> <p>Insert a clean marker card in the printer and repeat the printing steps we did before.</p> <p>If you need to do <i>more</i> calibration, clean the <i>test</i> card and insert again – or a <i>clean</i> marker card – and repeat the printing steps. If everything appears correct, your printer is now set for the marker cards that you tested.</p>
<p>CUSTOMIZING A MARKER CARD</p>	
<p>23. CG: "Customizing a marker card"</p> <p>SCREEN SHOTS WALK VIEWER THROUGH THE SCENARIOS</p> <p>CG "Consecutive Numbers"</p>	<p>Lets look some at some capabilities of the Fast Track Printer software, specifically, <i>customizing</i> a marker card.</p> <p>This is the step where you choose font type, point size, bold, italics, alignment, and orientation.</p> <p>The card is customized from bottom to top . . . left to right. So click on the bottom box of the <i>first</i> column.</p> <p>Choose Edit . . . and select Auto fill.</p> <p>We can Auto fill in a variety of ways . . . consecutive numbers . . . and consecutive letters. For this exercise, we'll choose numbers.</p> <p>Under Input, in the start value box, enter the number 1. For an end value, enter 200 . . . then click OK</p> <p>Notice how the marker boxes are filled-in</p>
<p>24. CG: "Auto fill"</p> <p>SCREEN SHOTS WALK VIEWER THROUGH THE SCENARIOS</p>	<p>Now let's look at another Auto fill capability. Go back up to Edit . . . and choose Auto fill . . .</p> <p>Fast Track Printer software is designed for easy I/O labeling for PLCs.</p>

	<p>Using the same Auto fill screen, go under System . . . and PLC</p> <p>Under Input, enter a Start value of zero (0) . . . and an End value of 200</p> <p>In the box next to Prefix, type in a capital eye (I), colon (:) . . . and press OK</p> <p>Now you can see the I/O values that will be printed out on the marker card . . .</p>
<p>25. CG: "Other Adjustments"</p> <p>SCREEN SHOTS WALK VIEWER THROUGH THE SCENARIOS</p>	<p>Let's explore other adjustments that can be applied to the characters in each box.</p> <p>The tool bar immediately above the boxes includes buttons and windows for changing the font, and font size . . . for bolding or italicizing the font . . . And other adjustments.</p> <p>Incidentally, Arial – the default font – generally offers the cleanest and easiest to read characters. It's the one we recommend for use with the Fast Track Printer. However scores of other fonts and font sizes can also be configured.</p> <p>Let's try some of these choices. Choose a few boxes and highlight them.</p> <p>Select bold, then italicize.</p> <p>You can also change your characters from a horizontal to a vertical orientation by clicking the ABC buttons in the tool bar.</p> <p>Other features in the tool menu can adjust the height, centering and positioning of the characters.</p>
<p>PRINTING A CARD FOR REAL</p>	
<p>26.</p> <p>COMBINATION OF "ACTION" SHOTS AND SCREEN SHOTS</p>	<p>Up to now we've printed a number of test marker cards – to help us adjust and calibrate the printer.</p> <p>Now, let's print a card for real.</p> <p>Insert a clean marker card in the printer and repeat the steps we followed before:</p> <p>THIS time we'll choose a different temperature</p>

	<p>Choose FILE . . . click on New . . . then select your new, desired marker card. For this exercise we will choose the 1492-M6X12 card (read out loud “fourteen ninety-two ‘M’ six by twelve” and press OK.</p> <p>Type about 5 Xs on the bottom left box, and copy to the remaining boxes in the first column . . . and the boxes of the last column. Set the temperature to zero and print the marker card</p>
<p>30. SCREEN SHOTS</p>	<p>If the Xs on this new card need to be adjusted . . . Instead of making changes to the printer settings, we’ll only change settings for this individual marker card <i>type</i>.</p> <p>To do that, Save your document . . . Click on Options . . . and . . . Edit Marker Card Configurations.</p> <p>Choose the marker card you previously printed. And make the appropriate changes on the dimensions.</p> <p>Most likely you will only need to change dimension 4.</p> <p>Click on Save . . . Click Close . . . Then, select File . . . Open . . . And click on the file you just saved</p> <p>Choose . . . Delete “Open” . . . File . . . Print . . . and see if the proper adjustments were made.</p>
<p>31.</p>	<p>This process must be repeated for every marker card type. Again, as you move to different card types you may need to make minor adjustments in your settings.</p>
<p>MAINTENEANCE & TROUBLE SHOOTING</p>	
<p>32 CG: “Maintenance & Troubleshooting”</p>	<p>Once your software has been installed, your computer will be loaded with a variety of user materials.</p> <p>To locate them go the A-B Print folder on your computer. There you’ll find Adobe Portable Document Files – or PDFs – of</p> <p>- The Printer Manual</p>

	<ul style="list-style-type: none"> - The Marker Carrier Manual - A Short Installation Guide and - The Software Manual
<p>33. CG: "Maintenance"</p> <p>OPERATOR PANEL . . .FINGER PRESSES BUTTON THREE TIMES . . . WE SEE MARKER CARD BEING DRAWN INTO THE PRINTER</p> <p>SHOTS ILLUSTRATE THE VARIOUS SCENARIOS</p>	<p>Now let's turn our attention back to the Operator Panel and the Maintenance Button – a switch with multiple uses.</p> <p>For example, you can press this button for three seconds then release to draw in to or eject markers.</p> <p>Also, press this button to continue the printing process following the error message "Paper Out", when you've refilled the paper tray.</p> <p>Press this button continuously for 3 seconds when the error indicator LED is not lit up, to initiate the print head cleaning process.</p> <p>And press this button to move the print head to the replacement position when the ink supply is exhausted.</p>
<p>34 CG: Head Cleaning</p> <p>MAINTENANCE TAB ON SOFTWARE SCREEN</p> <p>HEAD CLEANING ICON, FOLLOWED BY MEW WINDOW, AND CURSOR CLICKING ON START</p> <p>SCREEN SHOTS & SHOT OF PRINTER HEAD MOVING BACK & FORTH</p> <p>PRINT HEAD STOPS MOVING . . . FOLLOWED BY SCREEN SHOTS</p> <p>HANDS CHECKING POWER SWITCH & CONNECTIONS</p> <p>HAND LOADS MARKER CARD ON PRINTER INPUT RAIL</p>	<p>A common maintenance task is cleaning the Fast Track printer head. Head cleaning should be done on a weekly basis or every time you use your printer, depending upon how often you print.</p> <p>Go to the Maintenance Tab on the software screen</p> <p>Click on the icon next to "Head Cleaning" . . . In the new window that pops up, click on "Start."</p> <p>The cleaning head begins moving back and forth. This process will take approximately 30 seconds.</p> <p>After the print head stops moving back and forth, check to make sure the printer head is clean. To verify that the cleaning was effective, click "Print-Nozzle Check."</p> <p>To ensure the print head is clean, we will run a marker card through the printer. Place a marker card on the input rail – making sure the closed rung is nearest the printer.</p> <p>Slide the marker card into the printer until it stops.</p>

<p>HAND CHECKING PRINTER-TO-COMPUTER CONNECTION AND MARKER CARD POSITONING</p>	
<p>35. FINGERS TO CONTROL CONSOLE< CHECKING ON TEMPERATURE SETTING AT %</p> <p>WIPE TO PULLING MARKER OUT OF PRINTER, OPERATOR EXAMINING INK QUALITY</p> <p>CU SOLID COLOR ON INK ON RUNGS (GOOD)</p> <p>CU POORLY PRINTED INK ON RINGS (BAD)</p> <p>SHOT OF COTTON SWAB CLEANING. SCREEN SHOT OF CANCEL.</p>	<p>Verify that the temperature is at zero percent . . . with no percentage lights on . . . And on the screen, click on "Print."</p> <p>Once the marker has exited the printer, examine the quality of the color ink on the rungs.</p> <p>If the color is solid, the head is clean.</p> <p>If the color on the rungs is not solid, put the printer through another head cleaning process.</p> <p>If the color ink is still not solid after cleaning a couple of times, clean the print head with a cotton swab soaked in a solution of 50% water and 50% Isopropyl alcohol</p> <p>When you're done, hit "Finish" and close out the Windows.</p>
<p>36. CLOSING SHOTS</p> <p>CG: Rockwell Automation Tech Support Group 440-646-5800, options 2, 4, 2. raictechsupport@ra.rockwell.com</p>	<p>And That's a quick review of the Rockwell Automation's Allen-Bradley Fast-Track Marker Printer. Feel free to review any section of this presentation to help you set up and prepare your printer for action.</p> <p>If you have more questions, contact Rockwell Automation's tech support group at 440-646-5800 and options 2, 4, 2. Also, email raictechsupport@ra.rockwell.com</p>