

Trendsetter NEWS (MCE)

Installation Procedure

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Revision History

Revision	Date	Author	Comments
A-A	29 Apr 2003	Jack Miro/Paul Holt	Initial Release
	Oct 2003	Paul Holt	Added info for NEWS 200
A-B	07 Dec 2005	Ken Johnston	Removed head installation procedures (NEWS devices now shipping with heads installed). Added link to procedure for measuring plate throughput on NEWS output devices.
A-C	16 Aug 2006	Ken Johnston	Removed reference to safety interlock override key switch in Customer Training > Safety section. (Customers do not use the SIO key switch.) Reinstated instructions for loading plates. (These were inadvertently removed from the last revision.) Removed out-of-date information from the "Plate Positioning" section and replaced it with a reference to the "Plate Registration/Positioning" section of the *Trendsetter* NEWS Family Site Preparation Guide.

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1. ABOUT THIS DOCUMENT

This document is intended to help field engineers in install a *Kodak Trendsetter* NEWS MCE output device. It is assumed that the person following this document has completed training on installations of *Trendsetter* CTP devices.

2. PREPARING FOR INSTALLATION

Obtain a copy of the signed, completed Site Preparation checklist for the site. This is Appendix B of the Site Preparation document (part number 73-3363B). If the output device has debris removal, refer to the checklist in the UDRC site preparation document (part number 73-3724A). The customer should have received a copy and completed the requirements, including:

- Acceptable air supply quality (correct pressure, no water or oil in supply line)
- Dedicated phone line
- Network/modem connections
- Electrical requirements
- Floor space requirements
- *Trendsetter* output device work area dimensions
- Weight and level floor requirements
- Environmental conditions
- UDRC requirements

2.1 Tools and Equipment

Items required for installation:

- Two or three ½-inch sockets for opening crates
- Metric hex key set
- Screwdrivers
- Grounding wrist strap
- *Loctite* adhesive
- Installation floor plan
- Vacuum for final cleanup
- Forklift (as specified in the *Trendsetter* NEWS Family Site Preparation Guide) and operator for removing the *Trendsetter* output device from its crate
- Metric and imperial wrenches
- Multimeter
- Razor knife
- Spirit level for leveling device
- Cleaning rags and solutions (99 percent isopropyl alcohol and liquid soap)

2.2 Related Documents

- *Trendsetter* NEWS Family Site Preparation Guide (73-3363)
- UDRC Site Preparation Guide (73-3724)
- Thermal Head 1.7 Installation Procedure (77-0074)
  Or
  Thermal 2 Head Installation Procedure for *Trendsetter* output devices (719-00585A)
- Configuring Windows 2000 as a PPP Server for MCE TCP/IP Serial Connection with Print Console:
  http://techplanet.creo.com/output/device_control/print_console/content/docs/PPP_server_setup.pdf
- UDRC Installation Procedure (750-00091)
- Processor Interface Installation Guide (73-3363)
- *Trendsetter* NEWS MCE Preloader Interface Installation (11-1140)

2.3 NEWS 200 Differences

The *Trendsetter* NEWS 200 device uses two imaging heads (master and slave) mounted on carriages joined together by a rigid link. The distance between the heads is a known value. There is a single leadscrew and nut as with single-head *Trendsetter* output devices.

The nominal head spacing is 442 mm for typical broadsheet plate applications, with an alternate spacing of 401 mm for Panorama/Doubletruck dedicated applications.

The carriage travel limit is approx 713 mm for the 442 mm spacing, compared to approx 1155 mm for a single-head device.

There are two MCE boards in the power box:

- The master MCE board controls the plate-handling and workstation signals as well as the imaging on the master head.
- The slave MCE board controls only the slave head.

There are two SCSI cables between the NEWS 200 and the workstation, one for each MCE board, and similarly, two diagnostic cables. There is one workstation serial connection to the master MCE board only.

The master head is on the carriage closest to the home side. The slave head is on the away carriage, attached directly to the leadscrew nut, as on a single-head machine.

In operation, in a typical broadsheet plate application, the plates will be positioned so that the distance between the plates is close to matching the distance between the heads. The plates will be loaded on the drum and the carriage will move as both heads search for an edge simultaneously. One head will find an edge first and the carriage will retrace to verify the edge. It will then advance further until the second edge is found and verified.

The carriage will return to the point at which the first edge was found, which may be either plate, and prepare to begin imaging. At some point after imaging is in progress, the carriage

will arrive at the second edge, and the head for that plate will begin imaging also. The carriage will continue until imaging is complete on both plates

In the case of a single large plate, the width of the plate will be divided exactly in half, and each head will be assigned the appropriate part. The master head will detect the edge and the slave will use a virtual edge in the center of the plate. Either head may begin imaging first, depending on the width of the plate and the spacing of the heads.

In the center of the plate, the images produced by each head will merge. This stitch line should be imperceptible. For instructions on how to adjust the geometric parameters to eliminate the stitch line if necessary, see the following procedure on TechPlanet:

http://techplanet.creo.com/output/computer_to_plate/trendsetter_2637/content/docs/news200_gc_stitching.htm

For a single plate that is not too wide, it may be possible to image with only the master head, avoiding stitching. The limitations are the travel range of the carriage, which is much less than a single head device, and the need to position the plate correctly on the drum registration pins.

3. UNPACKING

Open all crates and boxes carefully.

Check for any signs of damage throughout the unpacking process and record any problems immediately to Kodak.

3.1 Crate and Contents Inspection

Inspect all delivered crates and boxes:

- Look for signs of damage from moisture, improper packing, tipping, dropping, stacking, etc. of crates, or any sign of mishandling.
- Verify the contents of the crate and boxes according to the shipping label.
- Report any problems immediately to both Kodak and the Delivery Company.

3.2 Unpacking the Trendsetter NEWS Output Device

1. Open the shipping crate to allow access to the front and back of the device.

WARNING: Carefully unwrap the packaging from the system to minimize static discharge from tapes and plastic.

2. Inspect all contents for damage and record any problems on the Installation Report.
3. Remove boxes and other items that are not attached to the device from the crate.
4. Remove enough of the packaging from the top and front of the *Trendsetter* output device so that:
    - the lower front panel can be hinged up

- the forklift slots are visible

WARNING: All *Trendsetter* output devices must have the front panel open or removed to prevent damage to the panels while being moved.

5. Measure 80 cm (30 in) from the tip of the forks on the forklift and mark this location on the forks with tape or other method.

Note: The forklift must have a minimum 1,365kg (3,000lb) capacity, the width of the forks must not exceed 15cm (6"), and the span should be 51cm (20").

6. Slowly and carefully, slide the forks in to a depth of **80cm (30in) maximum** (so the forks do not damage the back panel).
   If you need more clearance between the open panel and the forklift: remove the spring clips from one end of the gas struts, detach the struts and hinge the panel up higher.
7. Lift the device clear of the crate and gently lower it onto its wheels.
8. Reinstall gas struts and clips for front panel if they were removed.
9. Close the front panel and move the *Trendsetter* NEWS output device to its permanent location.

3.3 Unpacking the Workstation and UDRC (if applicable)

1. Open the shipping crates and remove the contents.
2. Verify the contents, inspect for damage, and record any problems.
3. Move the workstation and other components to the permanent location using a dolly if available.
4. Unpack the workstation and other components.
5. Remove the packing material from the working area.

4. ASSEMBLY AND CONFIGURATION

4.1 Initial Setup

1. Remove any remaining packaging from around the top of the *Trendsetter* output device.
2. At the back of the *Trendsetter* output device, remove the brackets holding the unload table in the upright position.
3. Lower the unload table to its horizontal position.
4. If there is a rotator, use the brackets from step 2 to secure the rotator to the back panel.
5. Open the lower front panel.
6. Remove the foam from under the drum and from both ends of the trailing edge bar.
7. Cut the white cable ties from the bottom of the picker at both ends.

8. Close the front panel.
9. Release the latch at the lower left corner of the bay door by lifting the arm upwards with a slim tool.
10. Hold the arm in this position as you open the bay door.
11. Cut the white cable ties at the top of the picker at both ends.
12. Make sure the unload table is down so that the top side-trim panels can be removed.
13. To remove the top side-trim panels:
    - Use a flat screwdriver to unlatch the front of the panels
    - Lift up the panel at the front and push it towards the back of the device to unhook the back of the panel.
14. Connect the air to the *Trendsetter* output device at a minimum of 100 psi and regulate the pressure down to 90 psi with the adjustment valve on the back of the machine.
15. Connect the power to the *Trendsetter* output device (200–240v) if it is available, for grounding the device while the next operations are carried out.

4.2 Thermal Head

Trendsetter NEWS output devices are now shipped from the factory with the thermal heads installed.

1. Make sure all cables are secure at both ends.
2. Remove the holding brackets that hold the head and the carriage in place.
3. Inspect for any shipping damage and note on the Installation Service Report.
4. Make sure that:
    - The locking cam holds the head tightly in place.
    - All cables, hoses and the cable carrier are connected to the head.

4.3 Adding Coolant and Air Filter

1. To access the cooling tank:
    - remove the panel from the fan box - push to release it
    - remove the back side panel by loosening or removing the four screws through the keyhole slots in the panel
2. Use the funnel to add coolant to upper level marked on the tank.
   More coolant is required for the NEWS 200 output device because there is a double-capacity radiator.

   Note: After the device is powered up, the coolant level will drop so more coolant will be needed.

3. Install the intake air filter in the fan box.

4.4 Installing the UDRC (if applicable)

The UDRC is optional, depending on the media to be used.

Refer to UDRC Installation Procedure (750-00091A).

4.5 *Trendsetter* Output Device Connections

4. Connect all workstation peripherals.
5. Plug the short SCSI adapter cable into either of the compact ports in the LVD SCSI card in the workstation.
6. Plug the short digi-board adapter cable into the port on the digi board.
7. The serial connectors are labeled P1 to P4. The long SCSI and serial cables are permanently attached to the *Trendsetter* NEWS output device.
   Plug the serial workstation cable into P1 (com3).
8. Plug the diagnostic cable into serial connection. P2 (com4).
   For the NEWS 200 output device, the master diagnostic plugs into P2 (com 4) and the slave diagnostic plugs into P3 (com 5)
9. Plug the SCSI cable into the short adapter cable.
   For the NEWS 200 output device, plug the second SCSI cable into the other SCSI port.
10. Power up the workstation:
    Login: **`administrator`**
    Password: **`creo`**

    The Service Shell host should automatically start, indicated by the green tool symbol in the task bar.
11. Start the Service Shell client from the desktop icon.

    For the NEWS 200 output device, `MCE` and `MCE2` should be displayed.
    If `MCE2` does not appear,

    - Run the Print Console installer.
    - Select the device.
    - Specify NEWS 200.

    OR

    Modify the d:\serviceshell\bin\creodeviceinfo.ini file as follows:

```
[SystemInfo]
SystemModel=CTP
;SystemName= - name of the system to display (default to model name)
;SystemHtmlPath= - relative path of html documenation (default to
model name)
```

```
[deviceinfo]
;tell the system how many devices we have
number=4
;list the names of each device
device1=WORKSTATION
device2=SRVSHELL

;uncomment the following line for an MPE-based system
device3=MCE
device4=MCE2

;uncomment the following line for an MCE-based system
;device3=MCE

[WORKSTATION]
Type=WS
number=2
rconaddress=0.2.0

[SRVSHELL]
Type=SVCHOST
number=1
rconaddress=0.1.0

[MPE]
Type=Terminal
Number=1
Asciichannel=1
Monitor=ascii

[MCE]
Type=MCE
Number=1
;rconaddress=1.0.0
Asciichannel=1
Monitor=ascii
[MCE2]
Type=MCE
Number=2
Asciichannel=2
Monitor=ascii
```

12. Give the **user profile** a name, for example Trendsetter, and select **local host.**

13. Connect air (90 psi) and power (200–240v) to the *Trendsetter* output device if not connected.

14. Power up the *Trendsetter* output device.
    The power-on self-test takes about 60 seconds to complete and then the relays turn on for the power supplies, fans and pump.

15. Check the coolant level if this is the first power up.

16. Verify that there is diagnostic communication by checking for the NEWS prompt.

    For NEWS 200:
    The boot-up sequence is displayed under MCE. This is the master MCE board,

controlling the master head as well as all the mechanical elements of the *Trendsetter* output device—drum, carriage, image control, workstation commands.

The firmware version, the `NEWS>` prompt, and most of the firmware commands and parameters are the same as a single-head NEWS device.

- Click on MCE2
- Verify that there is a MSFW> prompt.
  This is the slave MCE board that runs different firmware from the master.
- **`List version`**

The only commands run through the slave relate to the slave head.
MSFW is an abbreviation of master-slave firmware.

For a list of useful MCE commands, see Appendix A: Commands for Checking Output Device Status.

4.6 Network Setup

1. Use the `net status` command to check the TCP/IP factory setting.
2. For configuration on the customer's network, the following steps may be necessary:
   - Get 3 consecutive IP addresses from the customer
   - Enter the third IP address into the MCE board using
     `set net ipaddress <ipaddress>`
   - Navigate to d:\winnt\system32\drivers\etc\hosts:
     - Use Notepad to edit the hosts file
     - Change the last line from 169.255.254.110 to the same IP address (third) just entered into the MCE
   - In Windows:
     - select **Start>Settings>Network and Dial-up Connections>MCE**
     - Click **Properties**.
     - Enter the range of the 3 IP addresses
   - **`Reset`**

For more information, refer to
http://techplanet.creo.com/output/device_control/print_console/content/docs/PPP_server_setup.pdf

5. IMAGING PLATES

1. Verify that the drum is free to spin and the open panels are bypassed or overridden by using the following commands:

`Door`	Displays the status of the panel interlocks
`safety`	Displays the status of the safety loop
`init`	Initializes the whole device. Can also use drum init, engine init, picker init, table init.
`carriage init`	Checks for clearances as the head reaches the home position.

2. Load a plate automatically and manually.

   For automatic load:

   Example: KPG Thermal Gold 491 x 673 mm (panorama)

   Define this plate as the one in the bay.

   `bay 1 load 20 m 491 s 673 t 305 mi 1 ms 1`

   This means: Quantity is 20, msz is 491, ssz is 673, thk is .305, media index is 1 (media 1), and media stacks is 1 (single plate).

   For broadsheet, use:

   `ms 2`

`bay 1`	displays the information about the plate in the bay
`load bay 1`	loads a plate from bay 1 onto the drum using the picker
`loaded`	displays the information about the plate on the drum

   For manual load:

   `load m 491 s 673 mi 1 ms 1 manual`

   `loaded`

   If the information displayed by the loaded command is not correct, it is possible to make a change without reloading the drum, using the loaded force command.

   For example:

   `loaded force mi 2`

   This changes the plate type to media 2. This command only applies to the loaded plate. It does not carry over to the next plate loaded.

3. Image the desired plot pattern.

   All plot patterns are available via the MCE (as with MPE). For example:

`plot 1`	Plot 1 over the whole plate
`plot 50 100`	Plot 50, 100 mm wide
`plot 80 300 500`	Plot 80, 300 mm wide, 500 mm high
`plot shift 200`	Start plotting 200 mm from edge (subscan)
`plot shift`	Display current shifts.
`plot shift 0 0`	Remove shifts

6. UNLOADING PLATES

`unload`	Unloads according to the load method. If the last load was a load bay 1 or load auto, the unload will be via the unload table. If the last load was manual, the unload will be manual.
`unload auto`	Force an automatic unload
`unload manual`	Force a manual unload
`unload args`	Display the plate information including load/unload method

7. SERIES PLOTTING

This is optional if the plates you imaged earlier were not good.

In Service Shell:

- Click on **Scripts> Device>MCE_TrendsetterSeriesTest**
- Select a series type and range.

8. PLATE POSITIONING

Place plate alignment labels on the load table based on the plate positioning information in the “Plate Registration/Positioning” section of the *Trendsetter* NEWS Family Site Preparation Guide (part number 73-3363B), available from the *Trendsetter* NEWS TechPlanet web site’s Installation page.

9. PROCESSOR ALIGNMENT

1. Move the NEWS into place so that is lined up with the processor.
2. Leave a gap of about 20–30 mm from the end of the *Trendsetter* device’s unload table to the entry of the processor.

3. Set the table height so that it is about 5–10 mm higher than the processor entry so that the plate transfers smoothly into the processor. Adjust the feet under the output device change the table height or raise the black support bracket attached to the rear panel.

Note: For pre-heat ovens with chain link conveyors, it may be advisable to install a low-friction roller bridge between the table and the oven in order to be able to push more of the plate at fast speed off the table.

4. Align the unload table side-to-side according to the plate sizes to be used:

   - For broadsheets only, or panoramas wider than 750 mm, the centerlines of the output device and processor should coincide.
   - For panoramas 450–750 mm wide only, the Trendsetter should be offset by 137 mm to the left of the processor centerline.
   - For broadsheets and 450–750 mm panoramas, the unload extremities are defined by the right side of the panorama and the left side of the away broadsheet. It may be necessary to load the plates closer to the center of the load bay than the optimum positions in order to remain within the total width of the processor. The output device should be aligned with a small offset that provides clearance for all plates.

   Note: The News 200 configuration requires a transition bridge 250–350 mm attached to the processor in-feed panel (may be provided by the processor manufacturer or by Kodak service).

10. PLATE PUSH SETTINGS

10.1 Non-Rotator Unload Table

The parameters for pushing the plate off the table and into the processor or oven are:

`set exit fastdistance`	typical value 850mm, default 1000mm
`set exit slowpush`	typical value 20mm, default 20mm
`set exit velocity`	typical value 13mm/s, default 13mm/s

The `fastdistance` should be set so that the plate is pushed at fast speed to a point just short of the processor roller pinch point or oven conveyor. The pusher then switches to the slow speed, which should be slightly less than the processor speed.

The `slowpush` distance should be enough to ensure that the plate reaches the pinch point and continues for a short distance beyond, with the plate pulling away. The `slowpush` distance should be small enough that if the processor is not running, the plate buckles slightly, but remains close enough to the table to cover the plate sensor.

The `velocity` should be slightly less than the processor speed. A visual assessment is sufficient.

10.2 Rotator Unload Table

The parameters for pushing the plate off the table and into the processor or oven are:

`set exit fastdistance`	typical value 1430 mm, default 1000 mm
`set exit slowpush`	typical value 20 mm, default 20 mm
`set exit velocity`	typical value 13 mm/s, default 13 mm

11. PRINT CONSOLE CONFIGURATION

1. Configure media and print setups as required.

   For NEWS 200, on the Tiff Downloader tab, there is an additional box labeled Panorama Image Splitting in the Print Setups screen. Check this box for large plates that will be imaged with both heads. When Panorama Image Splitting is checked, you can not select alternative rotation and mirroring settings.

2. Submit ATP TIFF files as required

12. NELA PRELOADER (OPTIONAL)

All *Trendsetter* NEWS output devices are shipped with the preloader interface kit installed and tested. Two cables from the preloader connect to the interface board and to the cable mounted beside the board. For information on connecting and operating the preloader, see Appendix B: Connecting and Operating a NELA Preloader.

13. CLEANUP

1. Vacuum the inside of the device if required.
2. Lower the device feet and make sure that the device is level.
3. Replace all panels.
4. Clean the exterior of the device.
5. Dispose of all packing materials.
6. Clean or vacuum the surrounding area if required.

14. OPERATOR TRAINING

Before leaving the customer site, go over the Operator Training Checklist (starting on page 16 of this document) with the operators so that they are clear on how to use and maintain the *Trendsetter* NEWS output device.

15. INSTALLATION TEST PROCEDURE

Perform the ITP as described in *Trendsetter* NEWS Installation Test Procedure (document number 708-00194A) and complete the *Trendsetter* NEWS Installation Test Procedure Checklist (document number 732-00048A). Both of these documents can be downloaded from the *Trendsetter* NEWS Installation page on TechPlanet:

http://techplanet.creo.com/output/computer_to_plate/trendsetter_2637/nav/install.htm#accept

When performing the throughput test component of the ITP, be sure to use the correct procedure for measuring throughput on *Trendsetter* NEWS output devices:

http://techplanet.creo.com/output/computer_to_plate/trendsetter_2637/content/docs/measuring_throughput.htm

APPENDIX A: COMMANDS FOR CHECKING OUTPUT DEVICE STATUS

`list version`	shows current firmware, including xilinx
`head version`	shows head firmware version
`system`	lists air pressure, board temperature
`temp`	shows engine temperature
`access enable`	allows access to all diagnostic commands. (must be repeated after reboot)
`mask`	check for faults
`scan bstatus`	check for bypassed sensors
`option`	displays enabled features e.g., option rotator enable
`feature`	check the resolution and format.
`product`	check the specification
`list version all`	check firmware versions of all device boards
`prm hazardous media enable`	allows changes to be made to MCE media parameters
`gc`	displays all gc parameters
`plot slave`	shows status of the slave
`plot slave enable/disable`	If a large plate (panorama/doubletruck) is loaded and the slave is enabled, the plate will be imaged in exactly two halves, with a stitch in the middle that should not be visible. If the slave is disabled the same large plate will be imaged with just one head until the point at which the carriage unexpectedly arrives at the away sensor or the plate will not be imaged because the image is calculated to be beyond the travel limit.
`plot slave 50`	Specify plot 50 (or any pattern) to be the slave pattern. If the slave is enabled, a plot command with any pattern on the master results in a plot 50 on the slave
`plot slave default`	the slave images the same pattern as the master

APPENDIX B: CONNECTING AND OPERATING A NELA PRELOADER

The preloader option is disabled in the firmware. To enable the feature:

```
access enable

option preloader enable

set bay 1 usepreloader 1
```

To verify the status of the *Trendsetter* NEWS and preloader:

```
preloader
```

To specify the plates in the preloader, the command is the same as if it is the bay.

For example:

```
bay 1 load 50 m 590 s 350 t 300 mi 2 ms 2
```

This means: quantity 50 (can be any number), mainscan 590 mm, subscan 350, thickness 0.3 mm (300um), media index 2 (media 2), media stacks 2 (a pair of broadsheet plates)

To load the *Trendsetter* NEWS output device:

```
load bay 1
```

To run the *Trendsetter* NEWS as standalone, with stacks of plates in the bay and the preloader still connected but idle:

```
set bay 1 usepreloader 0

load bay 1
```

The cables are long enough to pull the preloader away (it's on casters) to allow access to the load bay and the lower panel.

Apart from enabling the preloader option, all of the above can also be done in Print Console. Define the plate in configuration, and then load it in the status screen. There is a button in the load box to select or deselect the preloader. This is operator accessible.

APPENDIX C: OPERATOR TRAINING CHECKLIST

After system installation and before leaving the customer site, train the operators so that they can successfully demonstrate, or describe the following procedures to Kodak personnel.

Start with the device powered down and the workstation software not running.

Tools required

- Operator Manual
- Filter order list
- Screwdriver – to remove service panels
- Plates
- Files to send for imaging

At the conclusion of this training the operator should be able to demonstrate or identify the following:

Component overview

Engine	
LEC	Spring-loaded clamps used to hold the leading edge of the plate to the drum
TEC	Magnetic clamps used to hold trailing edge of the plate to the drum
Roller	Blue roller used to roll the plate flat to the drum to prevent plate pucker that will affect the image
Plate loading areas	For automatic and manual loading (Reference NEWS Operator Manual) • Show how to load plates using plate alignment labels • Show how to configure the Autoloader for Manual Bypass Mode
Load Table – Reference NEWS Operator Manual	
Sensors	Detects plates in the load bay
Plate ledge	Air knife and plate separator teeth
Manual by-pass door and door latch	
Unload table	
Sensor	Detects when the plate is clear

Power box	
Preventing damage from static	Use a static strap when inside the power box

Safety

- Abort Switches/All stop buttons – show location
- Door interlock
- Laser safety

How to clean:

- Edge detect strips: See the *Trendsetter* NEWS Operator Manual
- Drum roller: See the *Trendsetter* NEWS Operator Manual

How to replace:

- Compressed air filters
- Fan box filters

Indicate the location and operation of the power switch

- Explain the device will "remember the state" it was in (that is, plate on drum)

Indicate the location and operation of air for:

- House air – shut-off
- System air – Quick disconnect [CAUTION]

Start the Workstation software

- 3 to 5 minute laser initialization

Demonstrate how to remove and replace service panels

Workstation configuration for:

- Manual plate selection
- Manual or automatic unload based on plate size
- Correct print setup information

Demonstrate how to:

- Change spool folder locations
- Submit and queue files from the workstation
- Cancel a file during imaging
- Load and unload a manual plate job

- Run a single plate only on right side

Position alignment labels

Load plates

- First plate imaged is always on the right
- Alignment labels – how to align plates using them

Run some jobs

- Use Print Console to describe sequence of events

Load broadsheet plates

- Show how Print Console indicates one or two sets of plates

Plate fly-off and how to clear it

- Safely remove plate from drum
- Move TECs to park position
- Clear workstation errors

Customer name: _____

Trendsetter NEWS S/N: _____

Operator names: _____

_____

_____

_____

_____

_____

Kodak Representative: _____

Customer Rep: _____

Date: _____