



# Application Note

Application Note Number	G-0-1725-PF-0
Revision	Basic
Function	Print
Airframe	N/A
Engine	N/A
Other Application Notes Required	N/A
ACES Systems Analyzer	ACES Model 1725 Trim TEC Analyzer
Firmware Version	2.04
Procedure Cards	N/A

**Introduction:** This application note is the first to be written that describes the two Print configurations for the ACES Model 1725 Trim TEC Analyzer. This application defines the specific print function (Serial or Parallel), provides a list of required equipment and the installation of the appropriate equipment for each configuration.

## A. Required Equipment

The following ACES Systems' equipment is required.

Item	Quantity	Description	Part Number
1.	1ea	Printer; LaserJet II or Newer, or Epson FX	Local purchase
2.	1ea	ACES Model 1725 Trim TEC Analyzer	10-100-1725
3.	1ea	Printer Cable DB25M to Centronix	Local Purchase
4.	1ea	Communication/Printer Cable (Lap Link)	75-800-0020
5.	1ea	Adapter (Gender Changer)	75-900-0201

**Optional Equipment: N/A**

## **B. Equipment Installation**

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### **Printing with the ACES Model 1725 Trim TEC Analyzer**

Printing with the ACES Model 1725 Trim TEC Analyzer is possible with either a serial or a parallel printer. The analyzer will support Epson FX graphics compatible, or HP LaserJet II and later laser printers from either the serial or parallel ports. These are the only printers supported by the analyzer and ACES customer support. If you are attempting to use a printer that does not fall into one of these categories, consult your printer manual or the customer support function of the printer manufacturer.

The parallel output is intended to be the primary printer output for the analyzer, therefore a parallel printer cable is supplied with the analyzer. The serial cable supplied with the analyzer is a NULL MODEM cable and is intended for communications between the analyzer and a PC for transfer of data. This cable may not support your printer needs when using the serial port as a printer output. Consult your printer manual for the required printer cable.

If running a loaded procedure, it may contain a print function in certain menus. This feature of the procedure will normally be used to print spectra or balance reports to your printer. If you wish to print a screen currently displayed on the analyzer you may do so by using the **[PRINT]** key.

There are two possible print configurations.

**Configuration 1: Print to parallel printer**

**Configuration 2: Print to serial printer**

### **Equipment Installation Diagram**

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**Configuration 1; Print to parallel printer****Equipment required**

- Parallel Printer; HP Laser Jet II or Newer, or Epson FX (Local purchase)
- ACES Model 1725 Trim TEC Analyzer (P/N10-100-1725)
- DB25M to Centronix printer cable (Local Purchase)

**Equipment set up**

- Connect the DB25M end of the printer cable to the DB25M Printer port on the ACES Model 1725 Trim TEC Analyzer
- Connect the other end (Centronix) of the printer cable to the parallel port on the printer
- Ready to print

**Configuration 2; Print to serial printer****Equipment required**

- Serial Printer; HP Laser Jet II or Newer, or Epson FX (Local purchase)
- ACES Model 1725 Trim TEC Analyzer (P/N10-100-1725)
- Communication /Printer Cable (Lap Link) (P/N75-800-0020)
- Adapter (Gender changer) (P/N75-900-0201)

**Equipment set up**

- Connect the DB9 Pin connector of the printer cable to the 9 pin comm. Port of the ACES Model 1725 Trim TEC Analyzer
- Connect the other end of the printer cable (DB25M connector) to the Adapter (Gender changer)
- Connect the printer cable w/Adapter to the serial port of the printer
- Insure the ACES Model 1725 Trim TEC Analyzer is configured for serial printer (See SM7)
- Ready to print



# Application Note

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## Model 1725

## Print Function

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Part Number: 11-200-0041

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This Application Note is provided for information only and does not supercede the requirements or guidelines set forth in the applicable engine or airframe maintenance manual. Technology for Energy Corporation assumes no obligation or liability, either express or implied, to the Purchaser arising out of the use of this procedure.

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