



Application Note

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| Application Note Number | G-0-1730-PF-0 |
| Revision | Basic |
| Function | Print |
| Airframe | N/A |
| Engine | N/A |
| Other Application Notes Required | N/A |
| ACES Systems Analyzer | ACES Model 1730 Airline Engine Analyzer |
| Firmware Version | 2.04 |
| Procedure Cards | N/A |

Introduction: This application note is the first to be written that describes the four Print configurations for the Model 2020 ProBalancer 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. | Lase Jet II or newer, or Epson FX | Local purchase |
| 2. | 1ea. | ACES Model 1730 Airline Engine Analyzer | 10-100-1732 |
| 3. | 1ea. | DB25 to Centronix Printer Cable | Local Purchase |
| 4. | 1ea. | Communication/Printer (Lap link) cable | 75-800-0020 |
| 5. | 1 ea. | Adapter (Gender changer) | 75-900-0201 |

Optional Equipment: N/A

B. Equipment Installation

Printing with the ACES Model 1730 Airline Engine Analyzer

Printing with the ACES Model1730 Airline Analyzer is possible with either a serial or a parallel printer. The analyzer will support Epson FX graphics compatible, or HP Laser Jet 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 printer configurations.

Configuration 1; Print parallel

Configuration 2; Print to serial

Equipment Installation Diagram

Configuration 1: Print to parallel



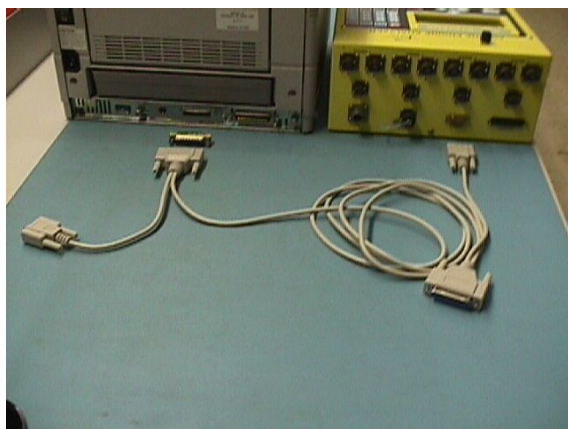
Equipment required

- Parallel printer: HP laser Jet II or newer, or Epson FX (Local purchase)
- Aces Model 1730 Airline Engine Analyzer (P/N10-100-1732)
- DB25M to Centronix printer cable (local purchase)

Equipment set up

- Connect the DB connector of the printer cable to the ACES Model 1730 Airline Engine Analyzer
- Connect the Centronix connector of the printer cable to the parallel port on the printer
- Ready to print

Configuration 2: Print to serial



Equipment required

- Serial printer: HP Laser Jet II or newer, or Epson FX (Local purchase)
- ACES Model 1730 Air Line Engine Analyzer (P/N 10-100-1732)

- Communication/Printer (Lap Link) cable (P/N75-800-0020)
- Adapter (Gender changer) (P/N75-900-0201)

Equipment set up

- Connect the communication/printer (Lap Link) cable, 9 pin connector, to the “comm. 9 pin port” on the ACES Model 1730 Air Line Engine Analyzer
- Connect the Adapter (Gender changer) to the DB25 connector at the opposite end of the communication/printer (Lap Link) cable
- Connect the communication/printer (Lap Link) cable with Adapter to the serial (DB25) port on the printer
- Ready to print



Application Note

Model 1730

Print Function

Part Number: 11-200-0042

AppNote Number: g-0-1730-pf-0

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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