

## **Breakdown Parts on Hand**

**PROGRAM NAME:** FONHANDP

**MENU OPTION TITLE:** Breakdown Parts on Hand

**MAIN MODULE:** MRP

**HELP KEY ACTIVE:** NO

### **PROGRAM OVERVIEW**

This program is used to prepare the inventory on hand (raw materials/work in process/finished goods), for use in the MRP projection software. It first reads through the inventory master file {PARTS} and stores all raw materials in the projection inventory database {FONHAND}. Then it looks at all finished goods in the inventory master file {PARTS} and breaks them down throughout their bills-of-materials if one exists. In this process, if the program encounters a bill-of-materials that has a part or parts that also have a bill-of-materials, it will continue the breakdown process on through to the lowest level of indentation. There is no limit to the amount of levels of indentation.

As each part is processed, the program tests to see if the breakdown flag is set to <Y>es or <N>o and continues the breakdown if the flag is set to <Y>es. You can programmatically stop the breakdown process by setting the flag to <N>o. This allows you to determine at what level you want to set the demand for a part or assembly.

After processing the finished goods, the program proceeds through the live work order inventory file {SUBREF} applies the same logic to all parts in all work orders as it did to all finished goods. The work order stocking flag must be set to yes to include these parts in the breakdown.

In an aggressive environment where planning is manipulated daily, this program will have to be run daily. A restrictive flag is placed in the system file {SYSINFO} that prevents from more than one user running this program at the same time. Reserve inventory is not considered!

There are a series of programs that are chained to each other to enable the breakdown of parts from the finished goods and the work in process. This program starts the process, then chains to the program {FONHAND1} to process all subassemblies from parts that are in stock in the inventory master file and have a breakdown flag set to yes. When the inventory master file is processed, the program then chains to the programs {FONHANDW} and {FONHNDWP} to process the work in process.

### **PROGRAM OPERATION**

**TO BEGIN, PRESS RETURN ---->** You can start the program or press the escape key to exit. There are no reports generated from this program, only data that will be used in the MRP process. You can view or print this data using the programs "FOGUT", "FOPRINT", and "FOPRT2".