NASA TECH BRIEF

Goddard Space Flight Center

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TCB Operation Supply Inventory System (TCBSYS)

The problem:

To provide a means for controlling an inventory of operational supplies, including items consumed, items on hand, items on order, and items to be ordered.

The solution:

The TCB Operation Supply Inventory System (TCBSYS), which generates an inventory report for each updated period and a special report for a long term summary of inventory information. The inventory report summarizes the consumption, outstanding orders, and balance of each inventory item.

How it's done:

TCBSYS performs three major functions:
1. Generates inventory tapes
2. Corrects and adjusts the tapes
3. Produces regular and special reports.

The first function records data on the consumption, outstanding orders, and balance of each inventory item. The second aids in handling inventory problems such as the discrepancy between book balance and physical balance. The third produces (1) a regular report giving the consumption, outstanding orders, and balance of each item for a specified updated period, and (2) special reports giving long term summaries of inventory information.

The system is subject to the following restrictions: (1) The maximum number of insertion and deletion cards within one run is limited to 98 cards; (2) the maximum number of adjustment cards for one run is 300 cards; (3) the total number of input order cards, plus the number of outstanding orders from previous weeks, should not exceed 14 per item.

Notes:

1. This program is written in Autocoder for use on the IBM-7010 System under IBSYS.
2. Requests for further information may be directed to:

> COSMIC
> Barrow Hall
> University of Georgia
> Athens, Georgia 30601
> Reference: B71-10314

Patent status:

No patent action is contemplated by NASA.

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