

July 1971

Brief 71-10244

NASA TECH BRIEF

NASA Pasadena Office



NASA Tech Briefs announce new technology derived from the U.S. space program. They are issued to encourage commercial application. Tech Briefs are available on a subscription basis from the National Technical Information Service, Springfield, Virginia 22151. Requests for individual copies or questions relating to the Tech Brief program may be directed to the Technology Utilization Office, NASA, Code KT, Washington, D.C. 20546.

Manpower Forecast Program

The problem:

To devise a means of forecasting the manpower requirements of a company.

The solution:

A computer program which produces five reports from input data. The reports show (1) the distribution of actual manpower levels in each section versus accounts, (2) projects versus sections, (3) sections versus manpower classes, and (4) project offices versus sections. Where applicable, project, project office, and section quotas are shown along with the difference between the quota and the actual manpower level.

How it's done:

The Manpower Forecast Program (MFP) accepts information from four types of data cards: the date card, the sections card, the quota card, and the man card.

The MFP consists of three segments. The first segment handles the card input, writes minor reports and performs minor sorting; the second segment

completes the sorting of the information; and the third segment writes the remaining reports from the sorted file.

Notes:

1. This program is written in COBOL for use on the IBM-7094 computer.
2. Requests for further information should be directed to:

COSMIC
Barrow Hall
University of Georgia
Athens, Georgia 30601
Reference: B71-10244

Patent status:

No patent action is contemplated by NASA.

Source: R. R. Miner and M. D. McCornock of
Jet Propulsion Laboratory
under contract to
NASA Pasadena Office
(NPO-11551)

Category 09