

UNCLASSIFIED

AD 402 659

*Reproduced
by the*

DEFENSE DOCUMENTATION CENTER

FOR

SCIENTIFIC AND TECHNICAL INFORMATION

CAMERON STATION, ALEXANDRIA, VIRGINIA



UNCLASSIFIED

NOTICE: When government or other drawings, specifications or other data are used for any purpose other than in connection with a definitely related government procurement operation, the U. S. Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use or sell any patented invention that may in any way be related thereto.

6333

TM-(L)-705/000/OOB

402 659

TECHNICAL MEMORANDUM

(TM Series)

ASTIA AVAILABILITY NOTICE

Qualified requesters may obtain copies of this report from ASTIA.

This document was produced by SDC in performance of contract AF 19(628)-1648. Space Systems Division Program, for Space Systems Division, AFSC.

SCF Computer Program Systems Manual
Utility Programs
Introduction and Table of Contents

SYSTEM
DEVELOPMENT
CORPORATION
2500 COLORADO AVE.
SANTA MONICA
CALIFORNIA

by
C. L. Hill
19 March 1963
Approved
J. B. Munson

ASTIA
APR 30 1963
TISIA

The views, conclusions or recommendations expressed in this document do not necessarily reflect the official views or policies of agencies of the United States Government.

Permission to quote from this document or to reproduce it, wholly or in part, should be obtained in advance from the System Development Corporation.

Although this document contains no classified information it has not been cleared for open publication by the Department of Defense. Open publication, wholly or in part, is prohibited without the prior approval of the System Development Corporation.



CATALOGUED BY ASTIA
402659
A-1159

19 March 1963

A

TM-(L)-705/000/00B

CURRENT MODIFICATIONS

<u>Modified Pages</u>	<u>Notes and Filing Instructions</u>
iv	Replace page dated 2 January 1963 with page dated 19 March 1963
v	Replace page dated 2 January 1963 with page dated 19 March 1963

CUMULATIVE LIST OF MODIFICATIONS

<u>Modified Pages</u>	<u>Modification Number and Note</u>
iv	A (2 Jan 63) New Page
v	A (2 Jan 63) New Page
iv	B (19 Mar 63) New Page
v	B (19 Mar 63) New Page

Manual Pages Available

As of 19 March 1963, the following list comprises an up to date collection of pages for the SCF Computer Program Systems Manual, Utility Programs.

TM-(L)-705/000/00		Introduction and Table of Contents
TM-(L)-705/001/00	051.01	Lockheed Assembly Routine (LAR)
TM-(L)-705/002/00	101.01	Master Tape Control (MTC)
TM-(L)-705/003/00	101.02	Prepare Master Tape (PMT)
TM-(L)-705/004/00	351.05	Floating Point Arccosine (ACOS)
TM-(L)-705/005/00	351.08	Floating Point Arctangent of a Ratio (ARTYX)
TM-(L)-705/006/00	351.04	Floating Point Arcsine (ASIN)
TM-(L)-705/007/00	351.06	Floating Point Arctangent (ATAN1)
TM-(L)-705/008/00	351.07	Floating Point Arctangent of a Ratio (ATAN2)
TM-(L)-705/009/00	351.02	Floating Point Cosine (COS)
TM-(L)-705/010/00	702.01	BCD to Octal Conversion (BCDOCT)
TM-(L)-705/011/01	155.01	Compare COP Symbolic Deck to Tape (COMPAIR)
TM-(L)-705/012/00	702.03	Convert a BCD Octal to Fixed, and BCD Decimal to Fixed or Float (DECOCT)
TM-(L)-705/013/00	702.04	Convert from Floating Point to Fixed (FIX)
TM-(L)-705/014/00	702.05	Fixed to Floating Point Conversion (FLOAT)
TM-(L)-705/015/00	702.06	Float a Fixed Binary Number (FLOATBIN)
TM-(L)-705/016/00	702.02	Octal to BCD Conversion (OCTBCD)
TM-(L)-705/017/00	353.01	Floating Point Exponential (EXP)
TM-(L)-705/018/00	351.01	Floating Point Sine (SIN)
TM-(L)-705/019/00	351.03	Floating Point Tangent (TAN)
TM-(L)-705/020/00	255.01	General Load (GNLD)
TM-(L)-705/021/01	201.05	TAPEDUMP
TM-(L)-705/022/01	201.01	Octal or Symbolic Core Dump (CORE)
TM-(L)-705/023/00	201.02	Octal Core Dump (CORE2)
TM-(L)-705/024/00	201.03	Octal or Symbolic Dump (DUMP)
TM-(L)-705/025/01	201.04	Symbolic Dump Routine (SYMDUMP)
TM-(L)-705/026/01	155.02	Master Tape Conversion (MTCONV)

19 March 1963

v

TM-(L)-705/000/00B

TM-(L)-705/027/00	551.01	Matrix Multiply (MTXMPY)
TM-(L)-705/028/00	501.01	Interpolate by Divided Differences (INDIV)
TM-(L)-705/029/00	051.02	Lockheed Assembly Routine II (LARII)
TM-(L)-705/030/00	155.03	Validate Master Tape (VMT)
TM-(L)-705/032/00	255.02	Generalized Input Routine (INPUT)
TM-(L)-705/033/00	305.01	Generalized Output Routine (OUTPUT)
TM-(L)-705/034/00	205.01	Output Error Routine (OUTERR)
TM-(L)-705/036/00	155.04	Octal List of Master Tape (OCTALIST)
TM-(L)-705/037/00	255.04	Satellite Mode of Output Table (SMOOT)
TM-(L)-705/038/00	255.03	Satellite Paper Tape Transfers (SATPATT)

19 March 1963

TM-(L)-750/000/00B

<u>AGENCY</u>	<u>COPIES</u>	<u>RESTRICTIONS</u>
Space Systems Division (Contracting Agency)		
Major C. R. Bond (SSOCD)		
6594th Aerospace Test Wing (Contracting Agency)		
Lt. Col. A. W. Dill (TWRD)		
Lt. Col. M. S. McDowell (TWRU)	(2)	

PIR-E1 (lockheed)

N. N. Epstein
C. H. Finnie
H. F. Grover
W. E. Moorman (5)
461 Program Office
698BK Program Office

PIR-E2 (Philco)

J. A. Bean
J. A. Isaacs
R. Morrison
S. M. Stanley

PIR-E3 (LFE)

D. F. Criley
K. B. Williams

PIR-E8 (Mellonios)

F. Druding

19 March 1963

TM-(L)-750/000/00B

<u>NAME</u>	<u>COPIES</u>	<u>RESTRICTIONS</u>
PIR-E3 (LFE)		
D. F. Criley		
K. B. Williams		
PIR-E5 (Aerospace Corporation)		
R. O. Braundberg		
G. J. Hansen		
C. S. Hoff		
T. R. Parkin		
E. E. Retzlaff		
R. G. Stephenson		
V. White		
PIR-E3 (Mellonics)		
F. Druding		
PIR-E7 (STL)		
A. J. Carlson, Jr.	(3)	
PIR-E4 (GE - Santa Clara)		
D. Alexander		
J. Farrentine		
N. Kirby		
PIR-E4 (GE - Box 8555)		
R. J. Katucki		
J. D. Selby		
H. Winn		
PIR-E4 (GE-3198 Chestnut)		
J. F. Butler		
H. D. Gilam		
PIR-E4 (GE - Bethesda)		
A. Pacchioli		
PIR-E4 (GE - Box 8661)		
J. D. Rogers		

19 March 1963

TM-(L)-705/000/00B

AFCPL	(5) 14059	KEDDY, J. R.	25026
ALLFREE, D.	22078	KEY, C. D.	24123
ALPERIN, N. I.	24118A	KEYES, R. A.	20073
ARMSTRONG, E.	24089	KINKEAD, R. L.	24071
BERNARDS, R. M.	SUNNYVALE	KNEEMEYER, J. A.	24065A
BIGGAR, D.	24090B	KNIGHT, R. D.	24110B
BILEK, R. W.	24124	KOLBO, L. A.	24139
BLACK, H.	14039	KOSTINER, M.	14056B
BRENTON, L. R.	22070	KRALIAN, R. P.	14039
BURKE, B. E.	22076	KRISTENSEN, K.	SUNNYVALE
CARTER, J. S.	27032	LACHAPPELLE, F.	24061
CHAMPAIGN, M. E.	24127B	LAUGHLIN, J. L.	20073
CHIODINI, C. M.	22078	LAVINE, J.	20079
CIACCIA, B. G.	24082A	LITTLE, J. L.	20077
CLINE, B. J.	24097	LONG, F.	24122
COGLEY, J. L.	24135	MADRID, G. A.	22049
CONGER, L.	22079	MAHON, G. A.	20076
COOLEY, P. R.	24083	MARIONI, J. D.	24076B
COURT, T. D.	22073	MARTIN, W. P.	24089
CRUM, D. W.	24093	MCKEOWN, J.	24121
DANT, G. B.	22073	MICHAELSON, S. A.	14039
DECUIR, L. E.	22096A	MILANESE, J. J.	24121
DERANGO, W. C.	24082B	MUNSON, J. B.	24048A
DEXTER, G. W.	24128	MYERS, G. L.	14056A
DISSE, R. J.	24139	NELSON, P. A.	24075
DOBBS, G. H.	24094B	NG, J.	22049
DOBRUSKY, W. B.	22125	NGOU, L.	25030
ELLIS, R. C.	24081	PADGETT, L. A.	24085
EMIGH, G. A.	14039	PATIN, O. E.	SUNNYVALE
ERICKSEN, S. R.	24110A	POLK, T. W.	24099
FELKINS, J.	22070	PRUETT, B. R.	24073
FOSTER, G. A.	14039	RAYBIN, M.	14039
FRANKS, M. A.	25030	REILLY, D. F.	24085
FREY, C. R.	24049	REMSTAD, C. L.	27029
FRIEDEN, H. J.	24071	ROSENBERG, E. J.	14050
GARDNER, S. A.	22053	RUSSELL, R. S.	14050
GREENWALD, I. D.	24058A	SCHOLZ, J. W.	14039
GRIFFITH, E. L.	27029	SCOTT, R. J.	24093
HAAKE, J. W.	24120	SEACAT, C. M.	SUNNYVALE
HARRIS, E. D.	24083	SEIDEN, H. R.	22091A
HENLEY, D. E.	24058B	SHAPIRO, R. S.	25026
HILL, C. L.	24057	SKELTON, R. H.	24127A
HILLHOUSE, J.	24049	SOLOMON, J.	24053
HOLMES, M. A.	22082	SPEER, N. J.	20079
HOLZMAN, H. J.	22096B	STONE, E. S.	22116B
HOUGHTON, W. H.	22073	SWEENEY, M. J.	24057
HOYT, R. L.	14039	TABER, W. E.	22053
IMEL, L. E.	14039	TENNANT, T. C.	27024
KASTAMA, P. T.	24053	TESTERMAN, W. D.	14039
KAYSER, F. M.	25026	THOMPSON, J. W.	22077

19 March 1963

TM-(L)-705/000/00B

THORNTON, R. L.
TOTSCHKE, R. A.
VORHAUS, A. H.
WAGNER, I. T.
WARSHAWSKY, S. B.
WEST, G. D.
WEST, G. P.

14050
24090A
24076A
24081
22082
SUNNYVALE
24094A

WILSON, G. D.
WINSOR, M. E.
WINTER, J. E.
WISE, R. C.
WONG, J. P.
ZUBRIS, C. J.

22101
24137
24097
24051
SUNNYVALE
24075

UNCLASSIFIED

System Development Corporation,
Santa Monica, California
SCF COMPUTER PROGRAM SYSTEMS MANUAL
UTILITY PROGRAM - INTRODUCTION AND
TABLE OF CONTENTS.
Scientific rept., TM(L)-705/000/OOB,
by C. L. Hill, 19 March 1963, 4p.
(Contract AF 19(628)-1648, Space Systems
Division Program, for Space Systems
Division, AFSC)

Unclassified report

DESCRIPTORS: Programming (Computers).
Satellite Networks.

UNCLASSIFIED

Presents change pages to "SCF Computer
Program Systems Manual Utility
Programs - Introduction and Table of
Contents," dated 25 April 1962, by
C. L. Hill, J. A. Kneemeyer.

UNCLASSIFIED

UNCLASSIFIED