

INITIAL LOADING THE 7040 SYSTEM

TURN THE STORAGE CLOCK OFF
INPUT-OUTPUT DEVICES SHOULD BE IN READY STATE
SYSTEM TAPES B7 AND B9 SHOULD BE REWOUND AND READY
SCRATCH GROUP (2 FOR EACH CHANNEL) SHOULD BE REWOUND
AND READY
HAVE THE CARD READER SET UP FOR READING IN THE FIRST JOB
PRESS RESET AND CLEAR A FEW TIMES
SET THE KEYS TO076200002227
PRESS THE LOAD BUTTON-----NOTE THAT B7 SLEWS
ENTER DATE IN KEYS
HIT START
TURN STORAGE CLOCK ON
ENTER TIME IN KEYS
HIT START
YOU ARE OFF AND RUNNING

TERMINATION OF RUNNING PROGRAM

TO TERMINATE A PROGRAM DO THE FOLLOWING.....

1. ENTER IN CONTROL KEYS 002000000367
2. TAKE CPU OUT OF AUTOMATIC MODE
3. PRESS ENTER INST BUTTON
4. PUT CPU BACK INTO AUTOMATIC MODE
5. PRESS START
6. CONSOLE WILL TYPE ILLEGAL INSTRU TRAP
7. NEXT PROGRAM WILL BEGIN

TAPE CHANNELS AND SWITCHING I/O DEVICES

THERE ARE TWO GROUP TAPE CHANNELS IN THE 7040 SYSTEM
THESE ARE THE FOLLOWING-

TAPE CHANNEL B (LOGICAL 22)
FOUR TAPE UNITS BELONG TO CHANNEL B
TAPE CHANNEL C (LOGICAL 32)
FIVE TAPE UNITS BELONG TO CHANNEL C
THE TWO OUTPUT UNITS ARE
PRINTER (LOGICAL UNIT 12)
PRINTER.....12
PUNCH (LOGICAL UNIT 11)
PUNCH.....11

THE ONE INPUT UNIT IS
READER (LOGICAL UNIT 10)
READER.....10

ALL UNITS ARE ABLE TO BE USED FOR EITHER INPUT OR OUTPUT

THESE UNITS MAY BE SWITCHED IN EITHER OF TWO WAYS

1. SPECIALLY PREPARED CARDS TO DO THE SWITCHING VIA READER
2. SWITCHING MAY TAKE PLACE VIA ENTERING INSTRUCTIONS AT CONSOLE

SWITCHING SYSTEM AND UTILITY UNITS AROUND

ENTER.....7----- WITH SENSE SWITCH 1 IN FOR AN OPER. PAUSE
WHEN PAUSE IS TYPED AT CONSOLE

ENTER.....31000U00000T

U SIGNIFIES A SYSTEM UNIT SUCH AS

PUNCH.....7

READER.....3

PRINTER...5

T SIGNIFIES A UTILITY UNIT (TAPE UNIT OR DRIVE)

DRIVES GO FROM 1 TO 13

AFTER THE CONSOLE HAS TYPED OUT THE SWITCHES TAKE OUT SENSE SWITCH 1
EXAMPLE* YOU WANT TO USE A TAPE ON C5 FOR OUTPUT

GET A PAUSE

ENTER 310005000006

CONSOLE TYPES OUT WHAT HAS BEEN SWITCHED

TAKE OUT SENSE SWITCH 1

INSTEAD OF OUTPUT GOING TO THE PRINTER, IT WILL GO TO THE TAPE ON C5
THE PROGS. THAT ARE ON THE READER WILL STACK THEIR OUTPUT ON TAPE ON C5
THIS TAPE CAN BE LISTED LATER

TROUBLE WITH SYSTEM TAPES

AFTER TRYING TO LOAD AND YOU ARE UP TO THE POINT WHERE THE MONITOR WANTS
THE DATE

PUT IN SENSE SWITCH 1 AND ENTER THE DATE

WHEN YOU GET A PAUSE AT CONSOLE

ENTER.....031000500101

HIT START

THEN FOLLOW CONSOLE INSTRUCTIONS

THE FOLLOWING IS WHAT THE LAST CARD OF A PUNCHED DECK LOOKS LIKE.....

\$DKEND SP2P2P

NNNNNN

WHERE NNNNNNNN IS SOME SORT OF AN IDENTIFICATION FOR THE PROGRAMER

I.E. WHERE EACH CARD IS IN NUMERICAL SEQUENCE

FILE PROTECTION.....

RING ON.....TAPE CAN BE WRITTEN ON

RING OFF.....TAPE CANNOT BE WRITTEN ON

S.SUON.....N WAS A SUBCHANNEL THAT WAS HUNG WITH A PARTICULAR TAPE

THE PROGRAM IS NOW FINISHED WITH THAT TAPE

\$PAUSE TYPED AT CONSOLE.....START MUST BE PRESSED

TO CONTINUE PROCESSING OF PROGRAM