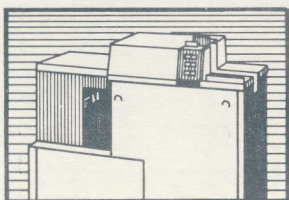


UNIVAC 9200/9300

EXTERNAL INPUT/OUTPUT UNITS



CARD PUNCH
TYPE 0604

MAINTENANCE
CARD

MH2252 11/67

XF CODES

| BIT POSITION 0 1 2 3 4 5 6 7 | DESCRIPTION | |
|-------------------------------------|---|------------------------------|
| UNLOAD BUFFER-READ OPERATION | | |
| 1 0 0 0 0 0 1 0 | Unload Punch Buffer | Read Compressed Mode |
| 1 0 0 0 0 1 1 0 | Unload Punch Buffer | Read Image Mode |
| 0 0 0 0 0 0 1 0 | Unload Read Buffer | Read Compressed Mode |
| 0 0 0 0 0 1 1 0 | Unload Read Buffer | Read Image Mode |
| LOAD BUFFER-WRITE OPERATION | | |
| 1 0 1 0 0 0 0 1 | Load Read Buffer | Feed Card and Select Stacker |
| 1 0 0 0 0 1 0 1 | Load Read Buffer | Write Image Mode |
| 1 0 0 0 0 0 0 1 | Load Read Buffer | Write Compressed Mode |
| 0 0 1 0 0 0 0 1 | Load Punch Buffer | Feed Card and Select Stacker |
| 0 0 0 1 0 0 0 1 | Load Punch Buffer | Feed and Punch a Card |
| 0 0 0 0 1 0 0 1 | Load Punch Buffer | Feed a Card |
| 0 0 0 0 0 1 0 1 | Load Punch Buffer | Write Image Mode |
| 0 0 0 0 0 0 0 1 | Load Punch Buffer | Write Compressed Mode |
| CONTROL | | |
| 1 0 0 0 0 0 1 1 | Post Punch ↔ Read to Punch Buffer (Feed Card) | |
| 0 0 0 0 0 0 1 1 | Normal Operation | |
| 0 0 1 0 0 0 1 1 | Feed Card and Select Stacker | |
| 0 0 0 1 0 0 1 1 | Feed and Punch a Card | |
| 0 0 0 0 1 0 1 1 | Feed Card (All Advance 1 Station) | |
| SENSE | | |
| 0 0 0 0 0 1 0 0 | Sense | |
| 0 0 0 1 0 0 0 0 | Set Inhibit Status | |
| 0 0 1 0 0 0 0 0 | Reset Inhibit Status | |
| TEST I/O | | |
| 0 0 0 0 0 0 0 0 | Test I/O | |
| 0 0 1 1 0 0 0 0 | Test I/O | |

IMAGE MODE FORMAT

| | BYTE 1 | | | | | | | BYTE 2 | | | | | | | | |
|-----------------|----------|----|----|---|---|---|---|--------|----------|---|---|---|---|---|---|---|
| Bit Position | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | Not Used | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Not Used | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Card Column Row | | 12 | 11 | 0 | 1 | 2 | 3 | | | 4 | 5 | 6 | 7 | 8 | 9 | |

MAINTENANCE SWITCHES

| SWITCH | FUNCTION |
|--------|----------------------------------|
| SW1 | Enable SW2 and SW3 |
| SW2 | Enable Post Read to Punch Buffer |
| SW3 | Enable Punch Buffer |

STATUS BYTE

| | | |
|---|------------------|---|
| 0 | Attentior. | Not Used 0 |
| 1 | Status Modifier | Busy or Pending |
| 2 | Control Unit End | Not Used 0 |
| 3 | Busy | Busy |
| 4 | Channel End | Transfer Complete Cont. Function Accept |
| 5 | Device End | Device End |
| 6 | Unit Check | Parity/Abnormal Invalid Function |
| 7 | Unit Exception | Hole Count Error |

SENSE BYTE 1

| | | |
|---|--------------------------|---|
| 0 | Command Reject | Invalid Command |
| 1 | Intervention Required | Hopper Empty, Stacker Full, Not Ready, Jam |
| 2 | Bus Out | Parity Error |
| 3 | Card Jam Equipment Check | A Jam-Prepunch B Jam-Postpunch |
| 4 | Data Check | Not Used 0 |
| 5 | Date Late | Buffer Not Loaded Prior to Initiation of Punching |
| 6 | Inhibit Status In | Inhibit Status In FF Set |
| 7 | Non-Repeat Abnormal | Hopper Empty, Stacker Full, Jam Interlock Error |

SENSE BYTE 2

| | | |
|---|------------------------|--|
| 0 | | Not Used |
| 1 | | |
| 2 | | |
| 3 | Punch Hole Counter | Hole Count of Card in Punch Station |
| 4 | | |
| 5 | | |
| 6 | Post Read Hole Counter | Hole Count of Card in Post- Read Station |
| 7 | | |