



NOTES:

- ① RESISTORS R4 AND R5 ARE 1% TOLERANCE
- ② ⊗ TIE POINT - EXAMPLE TPI-6
- ③ CAM SWITCHES ALL CAM SWITCHES SHOWN IN GAME OVER CONDITION
- ④ VOLTAGE REGULATOR LM309K
 INPUT - TP5-1 TO TP5-5 = 20VDC } NOMINAL VOLTAGES
 OUTPUT - TP5-1 TO TP5-4 = 12VDC } MAY VARY 1 TO 2 VOLTS
- ⑤ PHOTOTRANSISTOR BOARD
 INPUT - TP7-1 TO TP7-2 = 20VDC
 TP7-2 TO TP7-3 = 20VDC (LIGHT ON PHOTOTRANSISTOR)
 TP7-2 TO TP7-3 = 0VDC (PHOTOTRANSISTOR DARK)
 NOMINAL VOLTAGES
 MAY VARY 1 TO 2 VOLTS
- ⑥

RELAY	CONTACT	LOCATION
K1	NORMALLY OPEN	NORMALLY CLOSED
	LINE 8	LINE
K2	LINE 27-33-51	LINE 29-66
K3	LINE 24-28-55	LINE
K4	LINE 27	LINE 26-33-58
K6	LINE 18-43-43	LINE 15
K7	LINE 33-34-67	LINE
K8	LINE 60	LINE 67
- ⑦ PLUGS
 P1 (BLUE) - LOWER CHASSIS TO UPPER CHASSIS
 P2 (YELLOW) - LOWER CHASSIS TO CABINET
 P3 (WHITE) - LOWER CHASSIS TO SOUND SYSTEM
- ⑧ DIODES
 D1 THRU D4 AND D7 THRU D10 - 1N5059
 D5 AND D6 - 1N4721

FLYING ACE
MCI LTD