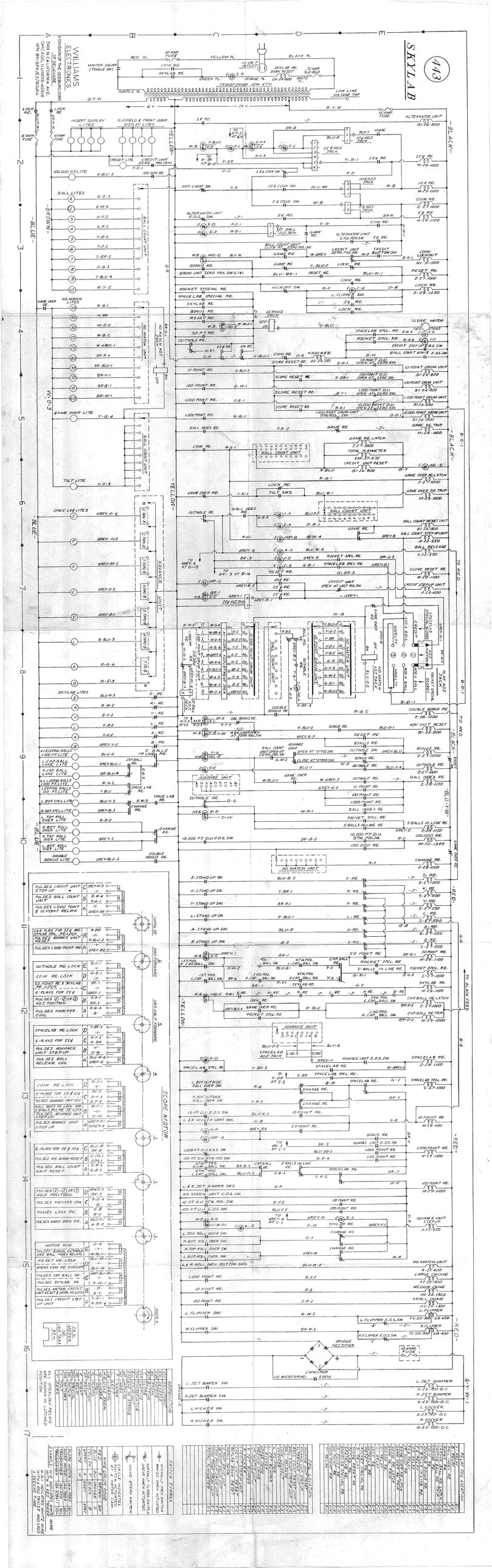
WILLIAMS ELECTRONICS
A DIVISION OF WILLIAMS MANUFACTURING CORP. OF DELAWARE
3401 N. CALIFORNIA AVE.
CHICAGO, ILLINOIS 60618
PHONE 312-267-2240
1974 BY WILLIAMS MFG. CORP.
SKYLAB
443
MASTER ON/OFF (TROUGH SW.)
10 AMP FUSE
COIN RE.
SKYLAB RE.
110 VOLT OUTLET
SKYLAB RE. BANK RESET
15 AMP SLO-BLO
TRANSFORMER (DR. #77)
LOW LINE VOLTAGE TAP
LOCK RE.
INSERT DISPLAY LITES
FLASHFLD & FRONT DOOR DISPLAY LITES
CREDIT LITE
CREDIT UNIT ZERO POS. SW.
100,000 RE. LITE
100,000 RE.
BALL LITES
GAME OVER LITE
TILT LITE
NO. MATCH LITES
SPACE LAB LITES
SKYLAB LITES
1 LOOPING BALLS 1,000 PT. LITE
1 CAR BALL LANE LITE
R. CAR BALL LANE LITE
1 LOOPING BALLS 1,000 PT. LITE
LOOPING BALLS 100 PT. LITE
6 BOT. SPILL LITE
6 BOT. SPILL LITE
TOP ROLL OVER LITE
6 BOT. ROLL OVER LITE
6 TOP ROLL OVER LITE
6 BOT. ROLL OVER LITE
DOUBLE BONUS LITE
ALTERNATOR UNIT
ANTI-CHEAT SW.
ALTERNATOR UNIT E.O.S. SW.
ALTERNATOR UNIT 2 NO. MISS SW.
BALL COUNT UNIT
CREDIT UNIT BUTTON SW.
BONUS RE.
DRUM UNIT ZERO POS. SW'S (4)
ROCKET SPECIAL RE.
SPACE LAB SPECIAL RE.
SKYLAB SPECIAL RE.
BONUS RESET RE.
OUTHOLE RE.
50 PT. RE.
OUTHOLE RE.
GAME OVER RE.
KICKOFF SW.
L. FLIPPER SW.
SCORE RESET RE.
100 POINT RE.
1,000 POINT RE.
BALL INDEX RE.
TILT SWS.
SCORE MOTOR
SCORE RESET RE.
100 POINT D.U.
1,000 POINT D.U.
10,000 POINT D.U.
100,000 POINT D.U.
OPEN AT ZERO SW.
CLOSE AT ZERO SW.
OPEN AT 10TH POS. SW.
OPEN AT LAST POS. SW.
CREDIT UNIT RESET
CREDIT STEP UP UNIT
CREDIT UNIT E.O.S. SW.
BALL COUNT UNIT E.O.S. SW.
BALL RELEASE
BALL RELEASE SOL.
SCORE RESET RE.
CREDIT STEP UP UNIT
BALL COUNT RESET UNIT
BALL COUNT STEP UP UNIT
DOUBLE BONUS RE.
ADV. UNIT RESET
ADVANCE UNIT
ADVANCE UNIT E.O.S. SW.
ADVANCE UNIT STEP UP
BONUS RE.
OUTHOLE RE.
BALL INDEX RE.
10 POINT RE.
50 POINT RE.
100 POINT RE.
1,000 POINT RE.
10,000 POINT RE.
100,000 POINT RE.
5 BALLS IN LINE RE.
CHANGE RE.
NO. MATCH UNIT
5-STAND UP SW.
K-STAND UP SW.
Y-STAND UP SW.
L-STAND UP SW.
A-STAND UP SW.
B-STAND UP SW.
1ST POS. R. CAR BALL SW.
2ND POS. R. CAR BALL SW.
3RD POS. R. CAR BALL SW.
4TH POS. R. CAR BALL SW.
5TH POS. R. CAR BALL SW.
CAR BALL RE. LATCH
CAR BALL RE. TRIP
ROCKET SPECIAL RE.
5 BALLS IN LINE RE.
SPACE LAB RE.
SPACE LAB SPECIAL RE.
SPACE LAB TRAIL RE.
SPACE LAB RE. CHANGE
L. BOT. OUTSIDE ROLL OVER SW.
R. BOT. OUTSIDE ROLL OVER SW.
L. & R. KICKER LOOP SWS.
10 PT. D.U. E.O.S. SW.
100 PT. D.U. E.O.S. SW.
1ST POS. L. CAR BALL SW.
2ND POS. L. CAR BALL SW.
3RD POS. L. CAR BALL SW.
4TH POS. L. CAR BALL SW.
5TH POS. L. CAR BALL SW.
L. & R. JET BUMPER SW'S.
10 POINT RE.
100 POINT RE.
L. TOP ROLL OVER SW.
R. TOP ROLL OVER SW.
L. BOT. ROLL OVER SW.
L. & R. KICKER LOOP BUTTON SWS.
L. FLIPPER SW.
R. FLIPPER SW.
L. FLIPPER E.O.S. SW.
R. FLIPPER E.O.S. SW.
BRIDGE RECTIFIER
CAPACITOR
L. JET BUMPER SW.
R. JET BUMPER SW.
L. KICKER SW.
R. KICKER SW.
L. JET BUMPER COIL
R. JET BUMPER COIL
L. KICKER COIL
R. KICKER COIL
PULSES CREDIT UNIT 1 STEP UP
PULSES BALL COUNT UNIT
PULSES 1,000 POINT & 10 POINT RELAYS
SEE TABS FOR 25¢ AND 50¢ PLAY RELAYS
PULSES ADVANCE UNIT
RESET
PULSES 1,000 POINT RELAY
OUTHOLE RE. LOCK
COIN RE. LOCK
50 POINT RE. & SKYLAB RE. LOCK
6 PLAYS FOR 25¢
PULSES (A)-(D) OR (E) ADJ. POSITION
PULSES KNOCKER COIL
SPACE LAB RE. LOCK
4 PLAYS FOR 25¢
PULSES ADVANCE UNIT STEP UP
PULSES BALL RELEASE COIL
COIN RE. LOCK
5 PLAYS FOR 25¢
PULSES ADVANCE UNIT
5 BALLS IN LINE RE. LOCK
PULSES ADVANCE UNIT STEP UP
PULSES ADVANCE UNIT
2 PLAYS FOR 25¢ FOR 4
PULSES RE. RANK RESET
PULSES BALL COUNT UNIT RESET
PULSES (A)-(D) OR (E) ADJ. POSITION
PULSES KNOCKER COIL
PULSES LOCK RE.
PULSES GAME OVER RE.
MOTOR RUN
PULSES BONUS, OUTHOLE & BALL RELAYS
RESET RE. LOCK
SPINS COIN RE. CIRCUIT
PULSES CAR BALL RE.
PULSES SKYLAB RE.
PULSES MOTOR CREDIT UNIT RESET & BANK RELEASE
PULSES CREDIT STEP UP UNIT
MOTOR
SCORE MOTOR
INDEX
SKYLAB RE. FORWARD
SKYLAB RE. REVERSE
CHANGE RE.
DOUBLE BONUS RE.
SPACE LAB RE.
SPACE LAB RE. CHANGE
CAR BALL RE. LATCH
CAR BALL RE. TRIP
ROCKET SPECIAL RE.
5 BALLS IN LINE RE.
SPACE LAB RE.
SPACE LAB SPECIAL RE.
SPACE LAB TRAIL RE.
SPACE LAB RE. CHANGE
10 POINT RE.
100 POINT RE.
1,000 POINT RE.
ADVANCE UNIT STEP UP
FLIPPER
NO. MATCH UNIT
LAPEL CHIME
MEDIUM CHIME
SMALL CHIME
L. FLIPPER
R. FLIPPER
10 AMP FUSE
L. JET BUMPER
R. JET BUMPER
L. KICKER
R. KICKER
SPOTLITE SCHEDULE
COIN DOOR SCHEDULE
RELAY SEQUENCE CHART
WIRE COLOR CODE
SWITCH SYMBOLS
SWITCH MATRIX
SOLENOID CHART
SWITCH MATRIX
SOLENOID CHART
SWITCH MATRIX
SOLENOID CHART