

## ELECTRICAL SCHEMATICS

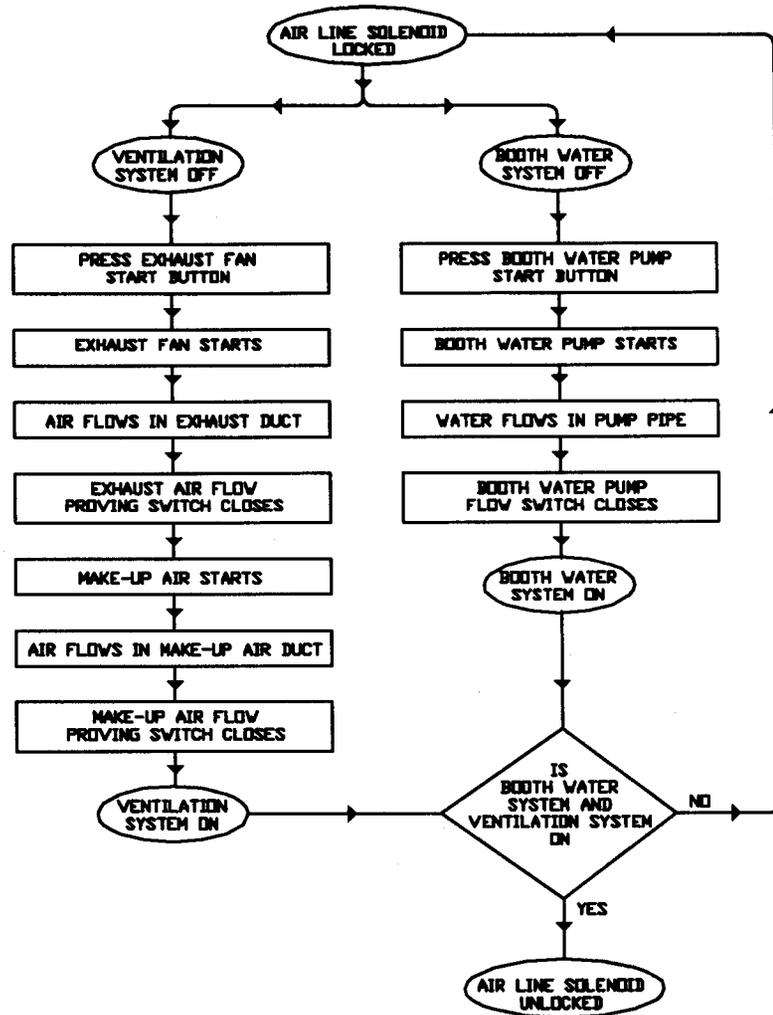
### Start Operation

1. Press start button in 'existing exhaust fan start/stop circuit'.
2. Once sufficient air flow is in the exhaust air duct the exhaust air flow proving switch in the 'existing make-up air lockout circuit' closes, thus turning on the make-up air unit.
3. Once sufficient air flow is in the make-up air duct the make-up air flow proving switch in the 'new air line solenoid lockout circuit' closes.
4. Press start button in existing booth water pump start/stop circuit'.
5. Once sufficient water flow is in the booth water pump system the booth water pump flow switch in the 'new air line solenoid lockout circuit' closes.
6. Contact closure of the make-up air flow proving switch and the booth water pump flow switch completes the 'new air line solenoid lockout circuit', thus, supplying power to the air line solenoid enabling the air line for spraying equipment only to pressurize.

### Immediate Interlock Stop Operation

1. Loss of air flow in the exhaust or make-up air duct will disable the 'new air line solenoid lockout circuit'.
2. Loss of water flow in the booth water pump system will disable the 'new air line solenoid lockout circuit'.

## SYSTEM OPERATION



## FLOW CHART DIAGRAM

### Notes

1. Closed when a preset air flow is achieved in the make-up air duct.
2. Closed when a preset water flow is achieved in the booth water pump system.

**SPRAY BOOTHS #1 #2 #3 & #4**  
**AIR LINE SOLENOID LOCKOUT UPGRADE**  
**ELECTRICAL SCHEMATIC & FLOW CHART DIAGRAM**

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AIR LINE SOLENOID LOCKOUT UPGRADE  
 PAINT BOOTHS #1, #2, #3

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