

# WDMS Laser Acceleration Cards

RE: WATER FUEL INJECTION SYSTEM  
Memo WFC 423 DA Gasoline Vs "Water as Fuel" :

## 50 hp Internal Combustion Engine

1ml/min gasoline consumption rate (on-road tested) @65 mph ÷25. hydrogen-fuel of water = 44.4 ml/min water flow rate ÷60 sec. = 740 ml/sec. water-fuel consumption rate@ 65m.p.h.

## Water Injection Cycle

030, r p ÷ 60 sec. = 50 engine revolutions/sec ÷ 2 (Distributor Turn Ratio) 52 Rotor revolutions/sec x 4 Water-Fuel Injectors = 100 Injection cycles/sec.

## Thus,

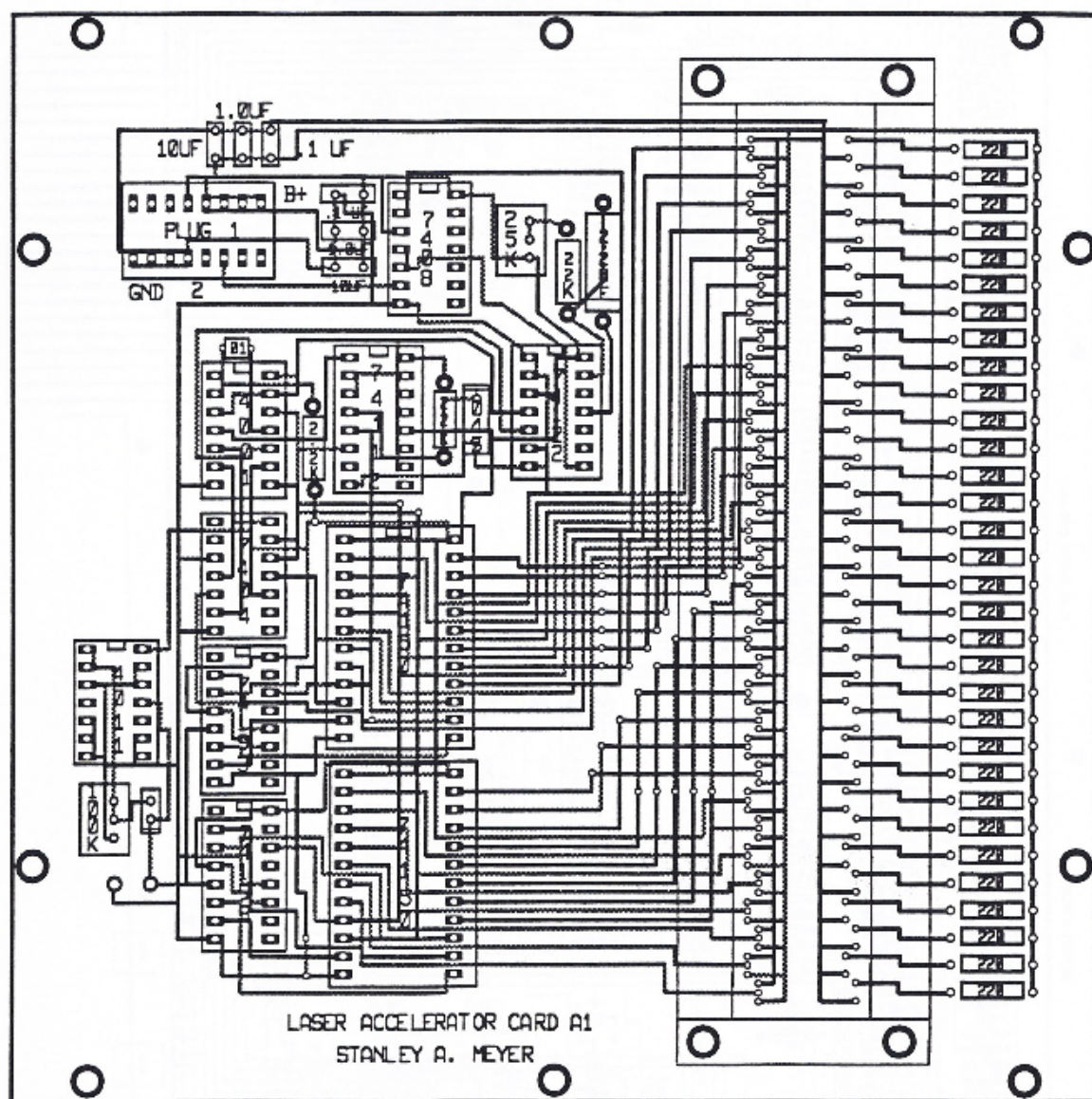
0.47 ml/sec water-fuel rate ÷ 100 injection cycles/sec. =  
7.4 ul Water Droplet / injection cycle Voatlge Intensifier Circuit

40,000 volts @1ma =40 wats of applied electrical power  
40 watts ÷ 12 volts battery = 3. amp/hr (current) draw capacity  
00amp/hr battery ÷3. amp/hr current consumption =30.3 battery-life without recharging

Distributor Firing Sequence

25 Rotor Revolution / sec ÷ 1000 = 25ms / Rev. Water Inject-Time & applied Pulse-Voltage

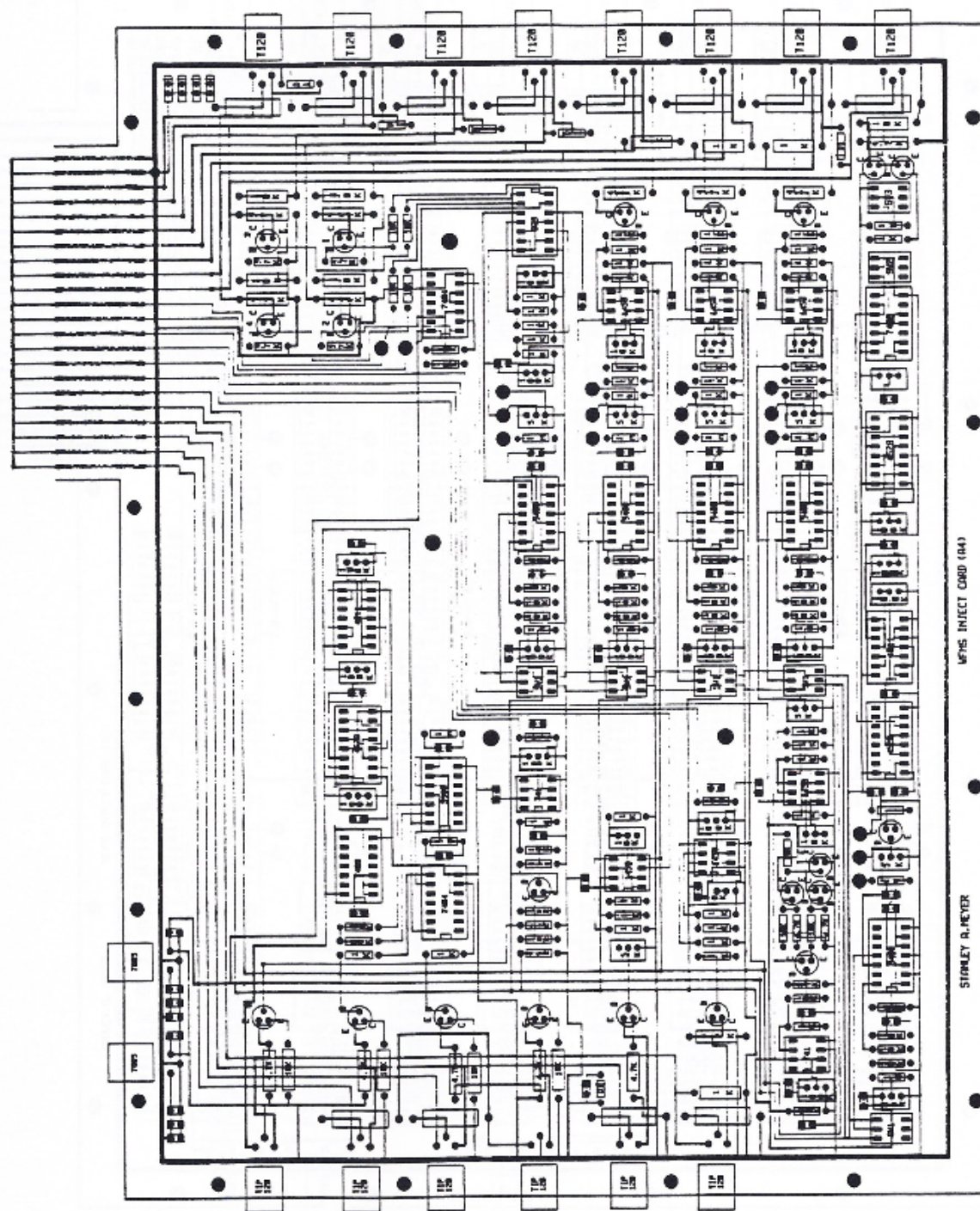
## WFMS Laser Acceleration Card A1



WFMS LASER ACCELERATION CARD A1

WFMS Inject Card A2





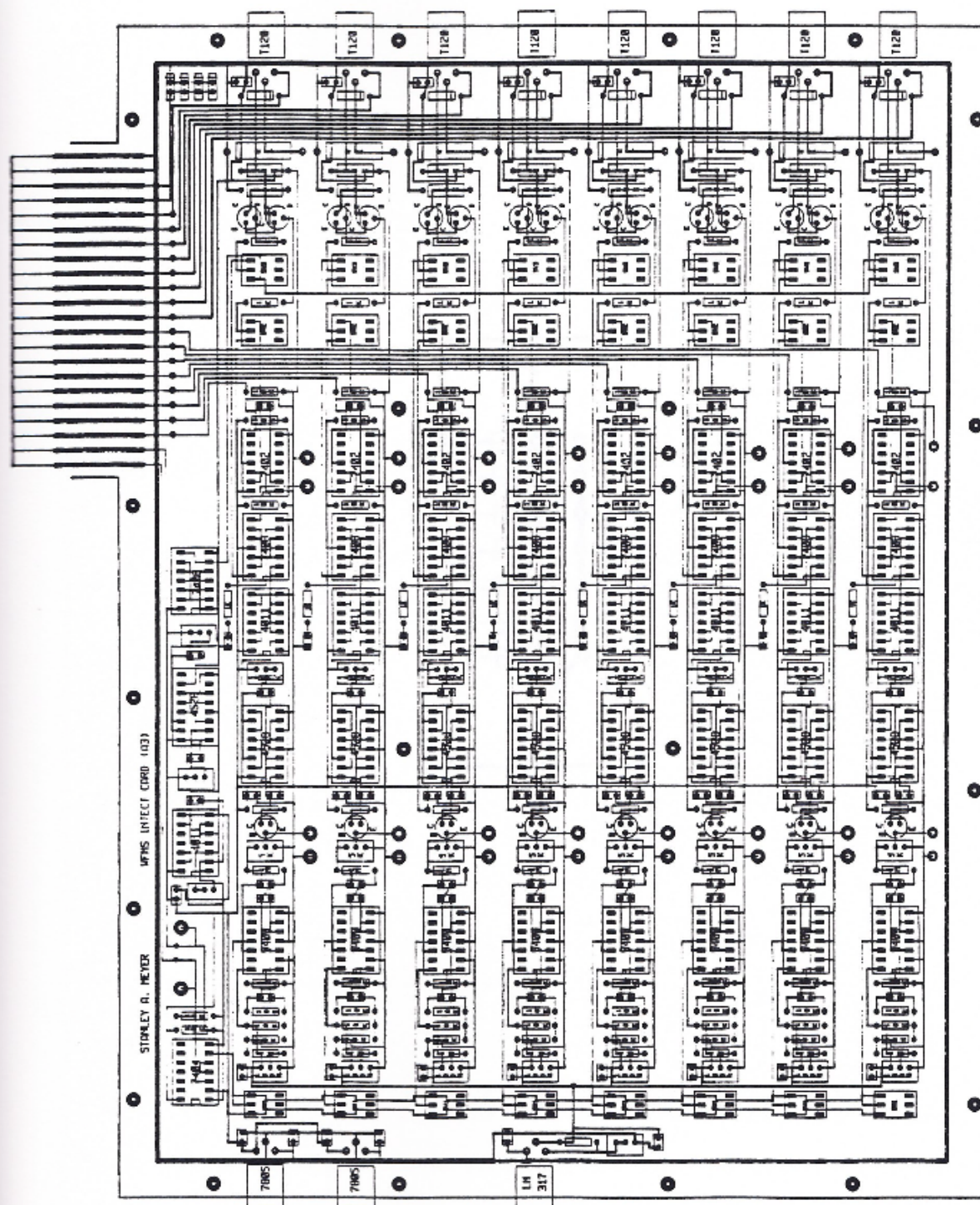
WFMS INJECT CARD A2



# WFMS Inject Card A3

RE: WATER FUEL INJECTION SYSTEM

Memo WFC 423 DA



WFMS INJECT CARD A3

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Revision #3

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