Post-Paint>Fuselage>Electrical wiring diagrams
WIRE CODE
L - 10 GAUGE WIRE  H - 10 GAUGE WIRE.

NOTES:
1. WIRING #16 AWG MIL SPEC M22759/16-16-9 UNLESS SHOWN OTHER
2. STARTER CABLE 16mm SQ 6-SECTIONAL AREA SOFT LAV
3. WIRING & SENSORS SUPPLIED BY MANUFACTURER
4. AS PART OF INSTRUMENT
5. RADIO WIRING TO MANUFACTURER'S SPEC. REF DWG 3A601AC0
6. INSTRUMENTS DETAILED IN AIRCRAFT BLD SHEET
7. WIRE EMG & EPS TO MANUFACTURER'S INSTRUCTIONS
8. FOR NIGHT VFR LIGHTING VIEWS SEE DRAWING 4A26440W
9. EARTH EMS DIRECT TO FIREWALL EARTH TA3

FOR BEST RADIO QUALITY ALL
NON-SENSOR WIRES THROUGH FIREWALL
SHOULD BE FITTED WITH SUPPRESSORS.

SPARK PLUGS
CIRCUIT DIAGRAM KEY
1. 1 AMP CIRCUIT BREAKER
2. 5 AMP CIRCUIT BREAKER
3. 16 AMP CIRCUIT BREAKER
4. ON/OFF TOGGLE SWITCH SPST STANDARD (PI3016N)
5. TOGGLE SWITCH WIRED FOR INST LIGHTS (SEE INSET A)
6. TOGGLE SWITCH SPST LANDING LIGHTS (PI3A02840N)
7. VARIABLE RESISTOR SWITCHED 1M OHM (PI3A004N)
8. VARIABLE RESISTOR 100 OHM
9. VARIABLE RESISTOR 5K OHM
10. LED WARNING LIGHT RED
11. LED WARNING LIGHT GREEN
12. BIZBAR LIGHTS
13. MAP READING LIGHTS
14. INTERIOR LIGHT
15. LED INSTRUMENT STRIP FLOOD LIGHT
16. COMPASS LIGHT
17. RED BEACON
18. POSITION LIGHTS
19. STROBE LIGHT DRIVER
20. STROBE LIGHT
21. LANDING LIGHT

WIRE TYPE
N - 16 GAUGE AIRCRAFT WIRE
L - 22 GAUGE AIRCRAFT WIRE.

NOTE:
1. HEAT SHRINK SOLDERED CONNECTIONS WHERE POSSIBLE
2. WIRES TO INSTRUMENT PANEL FLOOD LIGHT NEEDS TO BE REPLACED WITH AIRCRAFT GRADE WIRE
3. DIMMERS NEED GET BRIGHTER WITH CLOCKWISE ROTATION.

MAIN BUS BA-1

SEE INSET A FOR SWITCH WIRING DETAILS.

LOW FUEL LIGHT
REFER TO 4A264800 FOR DETAILS

FUEL PRESSURE SWITCH

TOOL PRESSURE SWITCH

LANDING LIGHT SWITCH TO BE INSTALLED SWITCHING LEFT-RIGHT I.E. ROTATED 90° COMPARED TO OTHER SWITCHES.

N - 16 GAUGE AIRCRAFT WIRE
L - 22 GAUGE AIRCRAFT WIRE.

UNITS: N/A
DRAWN: DM
AVTECH P/L
HINCKLEY AIRPORT
BUNCHEGG

NIGHT VFR LIGHT WIRING

DRAWN NO:
4A264C003

SHEET 1 OF 2
This completes the Post-Paint Fuselage Electrical wiring diagrams task.