

## GROUP A.3

## LOCATION OF EQUIPMENT

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## Introduction

1. Reference should be made to this group when it is required to locate and obtain access to the various electrical components installed in this aircraft. The group contains a master index of all the electrical equipment, together with illustrations showing the location of the components and the panels used to gain access. This index also forms the key to the illustrations as each component is given an item number and grid reference. Illustrations giving the layout of the cable assemblies for use in conjunction with the routeing diagrams are also included.

## Location of electrical equipment

2. The location of the electrical equipment in this aircraft is illustrated in fig.1 to 5 inclusive. These illustrations should be used in conjunction with the master index of electrical equipment given in table 1, when it is required to locate any item of equipment.

## Access to electrical equipment

3. The position on the aircraft of all the access panels which require opening or removing to gain access to the electrical equipment, are given in fig.6. The illustration should be used in conjunction with

table 1 when it is required to obtain access to a particular component.

## Master index of electrical equipment

4. This master index, given in table 1, should be employed in conjunction with the location and access panel illustrations, when it is required to find the location and access to the various electrical components. The components are listed under the circuit in which they are employed and each item is referenced by a number corresponding to that given in the location and access panel illustrations. The illustration on which the components are shown are also indicated in the index and the grid references are likewise given to assist in locating the items on the illustrations.

## Cable assembly layout

5. The run of the cable assemblies between the various junction boxes, panels, terminal blocks and the equipment is illustrated diagrammatically in fig.7 to 9. The illustrations also give the cable assembly, terminal block and earth point references and should be used in conjunction with the routeing diagrams when it is required to trace the run of the cable assemblies throughout the aircraft.

TABLE 1

## MASTER INDEX OF ELECTRICAL EQUIPMENT

| ITEM                    | EQUIPMENT                      | FIG. | GRID REF. | ITEM                            | EQUIPMENT                          | FIG. | GRID REF. |
|-------------------------|--------------------------------|------|-----------|---------------------------------|------------------------------------|------|-----------|
| <b>MAJOR COMPONENTS</b> |                                |      |           | 24                              |                                    |      |           |
| 1                       | J.B.1 ... ..                   | 3    | C.4       | 25                              |                                    |      |           |
| 2                       | J.B.2 ... ..                   | 1    | A.5       | <b>GENERATORS AND BATTERIES</b> |                                    |      |           |
| 3                       | J.B.3 ... ..                   | 3    | D.5       | 26                              | Generators ... ..                  | 3    | D.5       |
| 4                       | J.B.4 ... ..                   | 2    | F.3       | 27                              | Main batteries ... ..              | 2    | J.3       |
| 5                       | A.C. J.B. ... ..               | 2    | F.3       | 28                              | External supply plug ... ..        | 2    | J.4       |
| 6                       | Supply panel ... ..            | 2    | J.2       | 29                              | Battery master switch ... ..       | 1    | E.4       |
| 7                       | Generator control panel ... .. | 2    | J.2       | 30                              | Power failure warning lamps ... .. | 1    | E.3       |
| 8                       | Leg panel ... ..               | 1    | E.3       | 31                              | Power failure indicators ... ..    | 2    | F.6       |
| 9                       | Gun firing panel ... ..        | 2    | H.2       | 32                              | Main circuit breakers ... ..       | 2    | F.7       |
| 10                      | Cabin port shelf ... ..        | 1    | C.5       | 33                              | Test sockets ... ..                | 2    | G.6       |
| 11                      | Cabin starboard shelf ... ..   | 1    | G.4       | 34                              | Ammeter shunts ... ..              | 2    | G.6       |
| 12                      | ARM J.B.1 ... ..               | 2    | J.3       | 35                              | Battery relay ... ..               | 2    | G.7       |
| 13                      |                                |      |           | 36                              | Hold-on relays ... ..              | 2    | F.6       |
| 14                      | ARM J.B.3 ... ..               | 5    | C.3       | 37                              | Regulator relays ... ..            | 2    | G.5 & G.6 |
| 15                      | ARM J.B.4 ... ..               | 5    | B.4       | 38                              | Reset switches ... ..              | 2    | F.6       |
| 16                      | ARM J.B.5 ... ..               | 5    | G.3       | 39                              | Voltage regulators ... ..          | 2    | F.5       |
| 17                      | ARM J.B.6 ... ..               | 5    | H.4       | 40                              | Crash relays ... ..                | 2    | F.6       |
| 18                      | ARM J.B.7 ... ..               | 2    | H.3       | 41                              | Field circuit breakers ... ..      | 2    | F.6       |
| 19                      | ARM J.B.8 ... ..               | 2    | H.3       | 42                              | Differential cut-outs ... ..       | 2    | G.5 & G.6 |
| 20                      |                                |      |           | 43                              | Remote voltage trimmers ... ..     | 2    | F.6       |
| 21                      |                                |      |           | 44                              | Standby batteries ... ..           | 2    | H.3       |
| 22                      |                                |      |           | 45                              | Relay A.2 ... ..                   | 2    | F.5       |
| 23                      |                                |      |           | 46                              | Relay B.2 ... ..                   | 2    | G.6       |

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TABLE 1 - continued

| ITEM                               | EQUIPMENT                         | FIG. | GRID REF. | ITEM                                 | EQUIPMENT                                        | FIG.  | GRID REF.                          |
|------------------------------------|-----------------------------------|------|-----------|--------------------------------------|--------------------------------------------------|-------|------------------------------------|
| 47                                 |                                   |      |           | 73                                   |                                                  |       |                                    |
| 48                                 |                                   |      |           | 74                                   |                                                  |       |                                    |
| 49                                 |                                   |      |           | <b>FIRE WARNING AND EXTINGUISHER</b> |                                                  |       |                                    |
| 50                                 |                                   |      |           | 75                                   | Fire warning lamp and extinguisher switch ... .. | 1     | F.1                                |
| 51                                 |                                   |      |           | 76                                   | Relay X ... ..                                   | 2     | H.5                                |
| <b>ENGINE STARTING AND CONTROL</b> |                                   |      |           | 77                                   | Inertia switches ... ..                          | 2     | F.3 & H.4                          |
| 52                                 | Starter push-switch ... ..        | 1    | E.3       | 78                                   | Extinguisher bottles ... ..                      | 3     | D.3                                |
| 53                                 | Ignition isolating switch ... ..  | 1    | E.3       | 79                                   | Flame switches ... ..                            | 3 & 4 | G.2,4,H.2,<br>4,J.2 & 5<br>B.5 & 6 |
| 54                                 | Master switch ... ..              | 1    | E.3       | 80                                   | Test switch ... ..                               | 1     | H.5                                |
| 55                                 | Re-light switch ... ..            | 1    | C.5       | 81                                   |                                                  |       |                                    |
| 56                                 | Starter circuit breaker ... ..    | 1    | J.5       | 82                                   |                                                  |       |                                    |
| 57                                 | Ignition unit ... ..              | 3    | D.5       | 83                                   |                                                  |       |                                    |
| 58                                 | Ignition relay ... ..             | 2    | J.5       | <b>TANK PUMPS</b>                    |                                                  |       |                                    |
| 59                                 | Starter control unit ... ..       | 3    | D.5       | 84                                   | Pumps ... ..                                     | 3     | A.5                                |
| 60                                 | B.4 circuit breaker ... ..        | 2    | J.4       | 85                                   | Fuel pressure switches ... ..                    | 3     | A.5                                |
| 61                                 | Liquid fuel starter ... ..        | 3    | E.4       | 86                                   | Circuit breakers ... ..                          | 1     | J.5                                |
| 62                                 | Fuel pump motor ... ..            | 3    | D.4       | 87                                   | Control switches ... ..                          | 1     | G.4 & H.4                          |
| 63                                 | High-energy ignition units ... .. | 3    | G.3       | 88                                   | Ammeter test socket ... ..                       | 1     | J.5                                |
| 64                                 | Ignition plugs ... ..             | 3    | H.4       | 89                                   | Test switch ... ..                               | 1     | J.6                                |
| 65                                 | High pressure switch ... ..       | 3    | C.5       | 90                                   | Pump indicators ... ..                           | 1     | G.4 & H.4                          |
| 66                                 | Solenoid valve ... ..             | 3    | C.5       | 91                                   | Relay H.1 ... ..                                 | 2     | H.6                                |
| 67                                 | Ignition switch ... ..            | 3    | D.4       | 92                                   | Relay G.1 ... ..                                 | 2     | J.6                                |
| 68                                 | Time delay switch ... ..          | 2    | E.3       | 93                                   |                                                  |       |                                    |
| 69                                 |                                   |      |           | 94                                   |                                                  |       |                                    |
| 70                                 |                                   |      |           | 95                                   |                                                  |       |                                    |
| 71                                 |                                   |      |           |                                      |                                                  |       |                                    |
| 72                                 |                                   |      |           |                                      |                                                  |       |                                    |

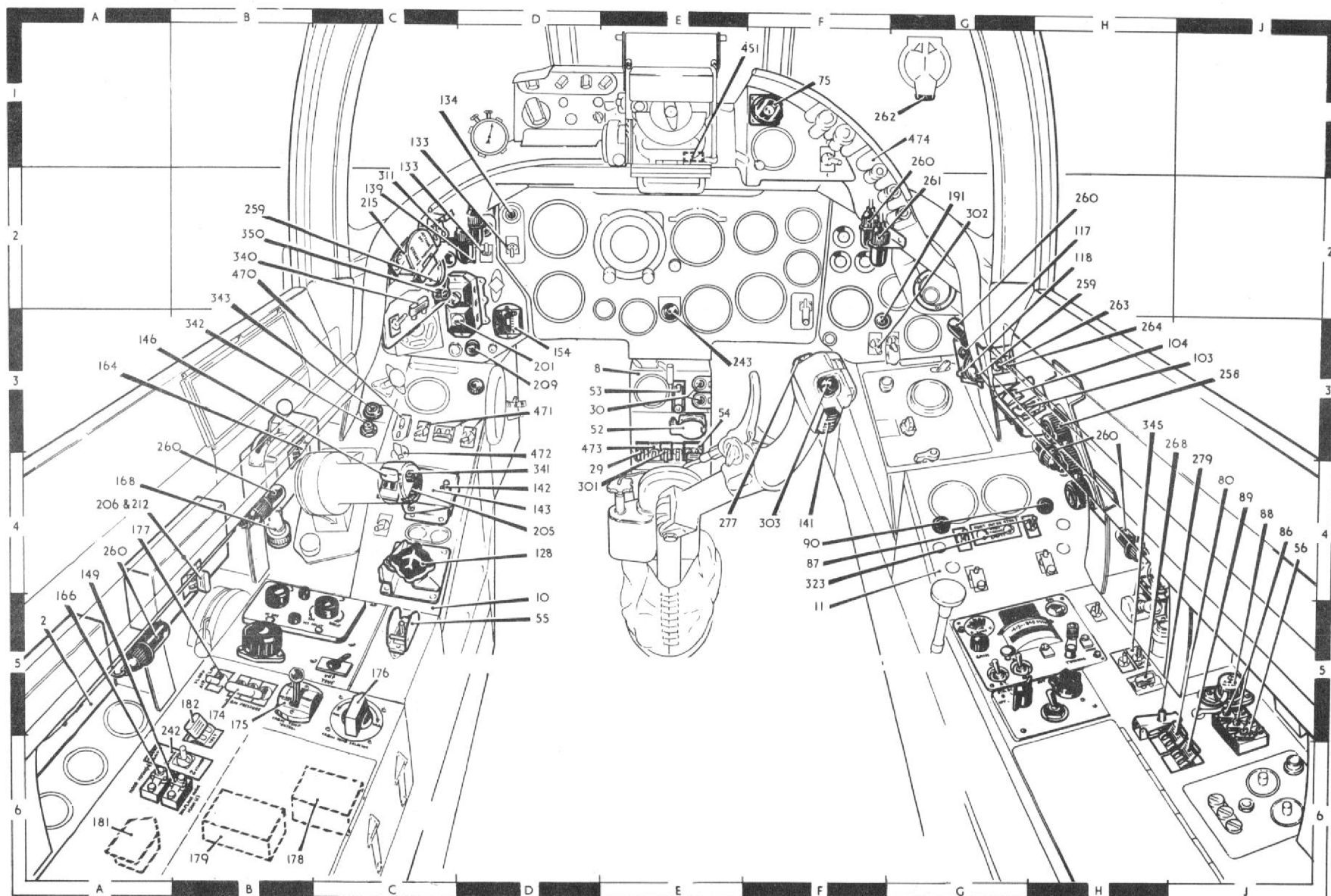


Fig.1. Equipment location - cabin

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| ITEM                                                | EQUIPMENT                   | FIG.                           | GRID<br>REF. |
|-----------------------------------------------------|-----------------------------|--------------------------------|--------------|
| 96                                                  |                             |                                |              |
| <b>PRESSURE REFUELLING</b>                          |                             |                                |              |
| 97                                                  | Time switch ... ..          | 5                              | D.3          |
| 98                                                  | Solenoid valves ... ..      | 3                              | D.5          |
| 99                                                  | Fluid level switches ... .. | 3 &<br>5 C.3, C.7<br>G.3 & H.7 | B.3          |
| 100                                                 | Indicator ... ..            | 5                              | D.3          |
| 101                                                 |                             |                                |              |
| 102                                                 |                             |                                |              |
| <b>ENGINE ANTI-ICING</b>                            |                             |                                |              |
| 103                                                 | Switch ... ..               | 1                              | G.3          |
| 104                                                 | Magnetic indicator ... ..   | 1                              | G.3          |
| 105                                                 | Gate valve actuator ... ..  | 3                              | H.3          |
| 106                                                 |                             |                                |              |
| 107                                                 |                             |                                |              |
| <b>FUEL FILTER DE-ICING</b>                         |                             |                                |              |
| 108                                                 | Pump ... ..                 | 3                              | G.4          |
| 109                                                 | Solenoid valve ... ..       | 3                              | G.5          |
| 110                                                 | Engine switch ... ..        | 3                              | F.4          |
| 111                                                 | Test switch ... ..          | 3                              | G.5          |
| 112                                                 | Relay S.I ... ..            | 2                              | J.6          |
| 113                                                 | Indicator solenoid ... ..   | 3                              | F.5          |
| 114                                                 |                             |                                |              |
| 115                                                 |                             |                                |              |
| <b>◀EXPLOSION SUPPRESSION (pre Mod.1271 only) ▶</b> |                             |                                |              |
| 116                                                 | Power pack ... ..           | 2                              | C.3          |
| 117                                                 | Neon indicator ... ..       | 1                              | G.3          |
| 118                                                 | Reset switch ... ..         | 1                              | G.3          |

| ITEM                                       | EQUIPMENT                          | FIG.     | GRID<br>REF. |
|--------------------------------------------|------------------------------------|----------|--------------|
| 119                                        | Voltage trip unit ... ..           | 2        | D.3          |
| 120                                        | Detector units ... ..              | 4        | B.5          |
| 121                                        | Suppressor units ... ..            | 4        | B.5          |
| 122                                        | Test lamps ... ..                  | 4        | B.5          |
| 123                                        | Indicator fuses ... ..             | 4        | B.5          |
| 124                                        | Test socket ... ..                 | 4        | B.5          |
| 125                                        |                                    |          |              |
| 126                                        |                                    |          |              |
| 127                                        |                                    |          |              |
| <b>RUDDER AND AILERON TRIM CONTROLS</b>    |                                    |          |              |
| 128                                        | Trim switch ... ..                 | 1        | C.4          |
| 129                                        | Rudder tab actuator ... ..         | 4        | G.2          |
| 130                                        | Aileron tab actuator ... ..        | 5        | B.5          |
| 131                                        |                                    |          |              |
| 132                                        |                                    |          |              |
| <b>ELEVATOR AND AILERON POWER CONTROLS</b> |                                    |          |              |
| 133                                        | Selector switches ... ..           | 1        | D.2          |
| 134                                        | Magnetic indicators ... ..         | 1        | D.2          |
| 135                                        | Elevator solenoid valve ... ..     | 4        | F.4          |
| 136                                        | Aileron solenoid valve ... ..      | 5        | G.3          |
| 137                                        | Hydraulic pressure switches ... .. | 4 &<br>5 | F.4<br>G.3   |
| 138                                        | Power controls junction box ... .. | 2        | F.3          |
| 139                                        | Aileron gearing switch ... ..      | 1        | C.2          |
| <b>TAIL PLANE CONTROL</b>                  |                                    |          |              |
| 140                                        | Tail plane actuator ... ..         | 4        | E.4          |
| 141                                        | Normal control switch ... ..       | 1        | F.3          |
| 142                                        | Standby control switch ... ..      | 1        | C.4          |

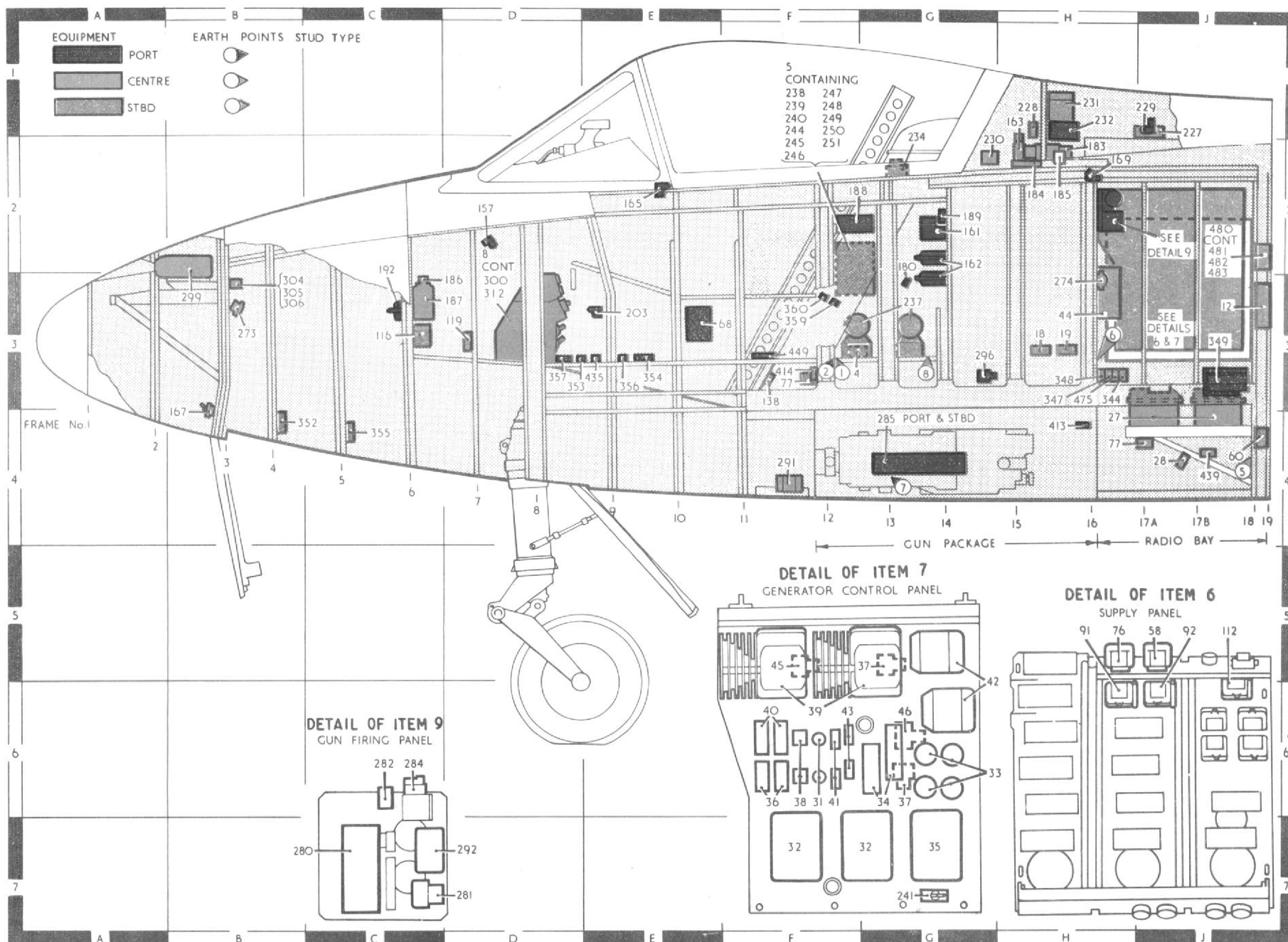


Fig.2. Equipment location - front fuselage

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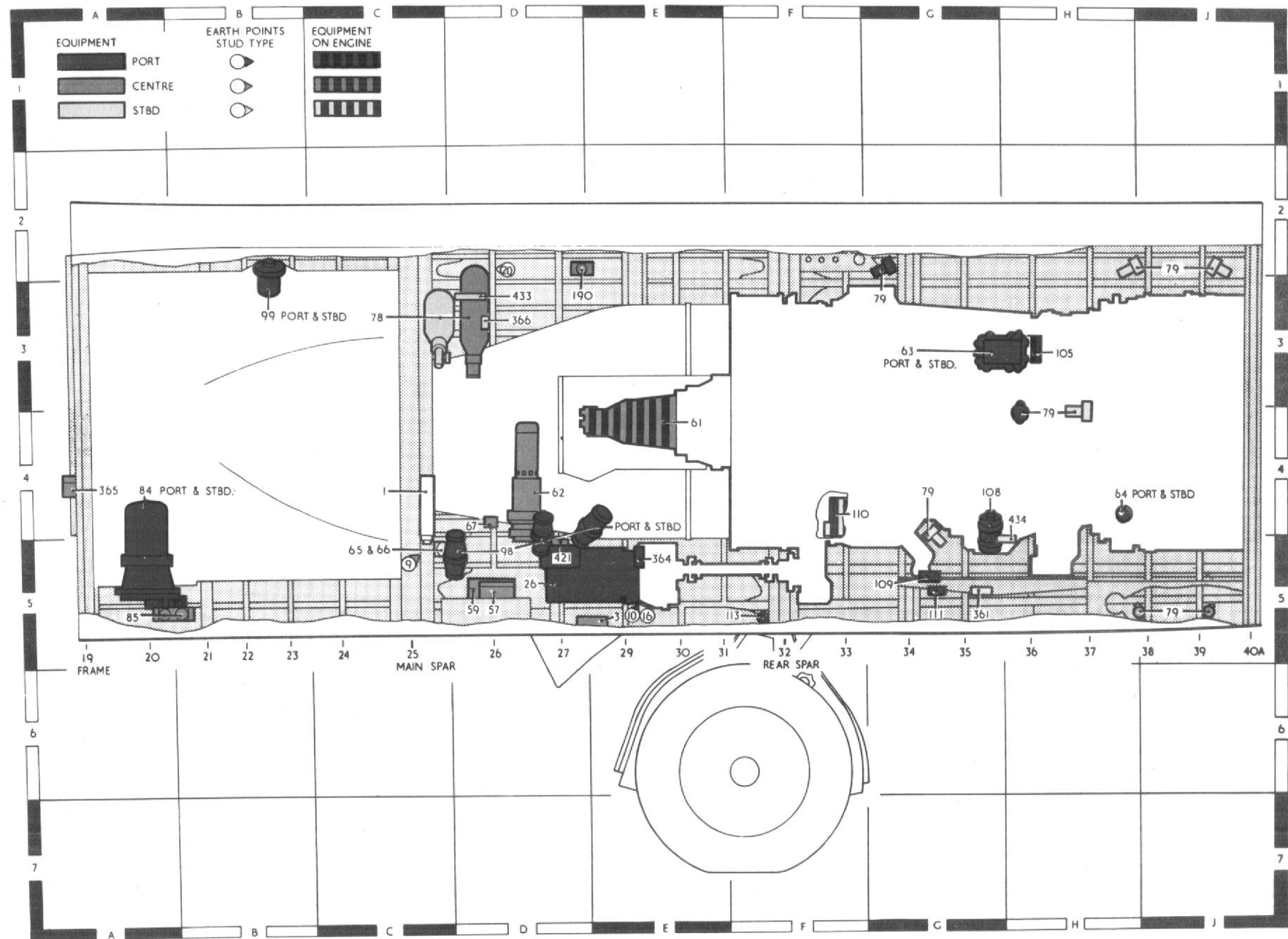


Fig.3. Equipment location - centre fuselage

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TABLE 1 - continued

| ITEM                | EQUIPMENT                         | FIG. | GRID REF. | ITEM                                                | EQUIPMENT                                     | FIG. | GRID REF. |
|---------------------|-----------------------------------|------|-----------|-----------------------------------------------------|-----------------------------------------------|------|-----------|
| 143                 | Interference micro switch ... ..  | 1    | C.4       | 168                                                 | Selector plugs ... ..                         | 1    | B.4       |
| 144                 | Main contactor ... ..             | 4    | E.4       | 169                                                 | Open limit switch ... ..                      | 2    | H.2       |
| 145                 | Standby contactor ... ..          | 4    | E.4       | 170                                                 |                                               |      |           |
| 146                 | Tail plane selector switch ... .. | 1    | C.4       | 171                                                 |                                               |      |           |
| 147                 | Flying tail micro switches ... .. | 4    | G.4       | 172                                                 |                                               |      |           |
| 148                 | Datum actuator ... ..             | 4    | G.4       | 173                                                 |                                               |      |           |
| 149                 | Circuit breaker ... ..            | 1    | B.6       | <b>CABIN PRESSURIZATION AND TEMPERATURE CONTROL</b> |                                               |      |           |
| 150                 |                                   |      |           | 174                                                 | Pressurization control switches ...           | 1    | B.5       |
| 151                 |                                   |      |           | 175                                                 | Temperature control switch ... ..             | 1    | B.5       |
| 152                 |                                   |      |           | 176                                                 | Temperature selector ... ..                   | 1    | C.5       |
| 153                 |                                   |      |           | 177                                                 | Flood switch ... ..                           | 1    | B.5       |
| <b>FLAP CONTROL</b> |                                   |      |           | 178                                                 | Hood interlock relay ... ..                   | 1    | C.6       |
| 154                 | Selector switch ... ..            | 1    | D.3       | 179                                                 | Flood control relay ... ..                    | 1    | B.6       |
| 155                 | Drum follow-up switch ... ..      | 5    | D.3       | 180                                                 | Ductstat ... ..                               | 2    | G.3       |
| 156                 | Solenoid valve ... ..             | 5    | C.3       | 181                                                 | Altitude switch ... ..                        | 1    | A.6       |
| 157                 | Emergency micro switch ... ..     | 2    | D.2       | 182                                                 | Pressure warning and flood test switch ... .. | 1    | B.5       |
| 158                 |                                   |      |           | 183                                                 | Temperature control valve actuator ..         | 2    | H.2       |
| 159                 |                                   |      |           | 184                                                 | Suppressor ... ..                             | 2    | H.2       |
| 160                 |                                   |      |           | 185                                                 | Follow-up resistor ... ..                     | 2    | H.2       |
| <b>HOOD CONTROL</b> |                                   |      |           | 186                                                 | Cabin element ... ..                          | 2    | C.3       |
| 161                 | Hood motor ... ..                 | 2    | G.2       | 187                                                 | Cabin pressure control valve ... ..           | 2    | C.3       |
| 162                 | Relay unit ... ..                 | 2    | G.2       | 188                                                 | Magnetic amplifier ... ..                     | 2    | F.2       |
| 163                 | Hood seal valve ... ..            | 2    | H.2       | 189                                                 | Extractor solenoid ... ..                     | 2    | G.2       |
| 164                 | Control switch ... ..             | 1    | B.4       | 190                                                 | Air supply valve actuator ... ..              | 3    | D.2       |
| 165                 | Close limit switch ... ..         | 2    | E.2       | 191                                                 | Pressure warning lamp ... ..                  | 1    | F.3       |
| 166                 | Circuit breaker ... ..            | 1    | A.6       | 192                                                 | Auxiliary discharge valve ... ..              | 2    | G.1       |
| 167                 | External control switch ... ..    | 2    | B.4       |                                                     |                                               |      |           |

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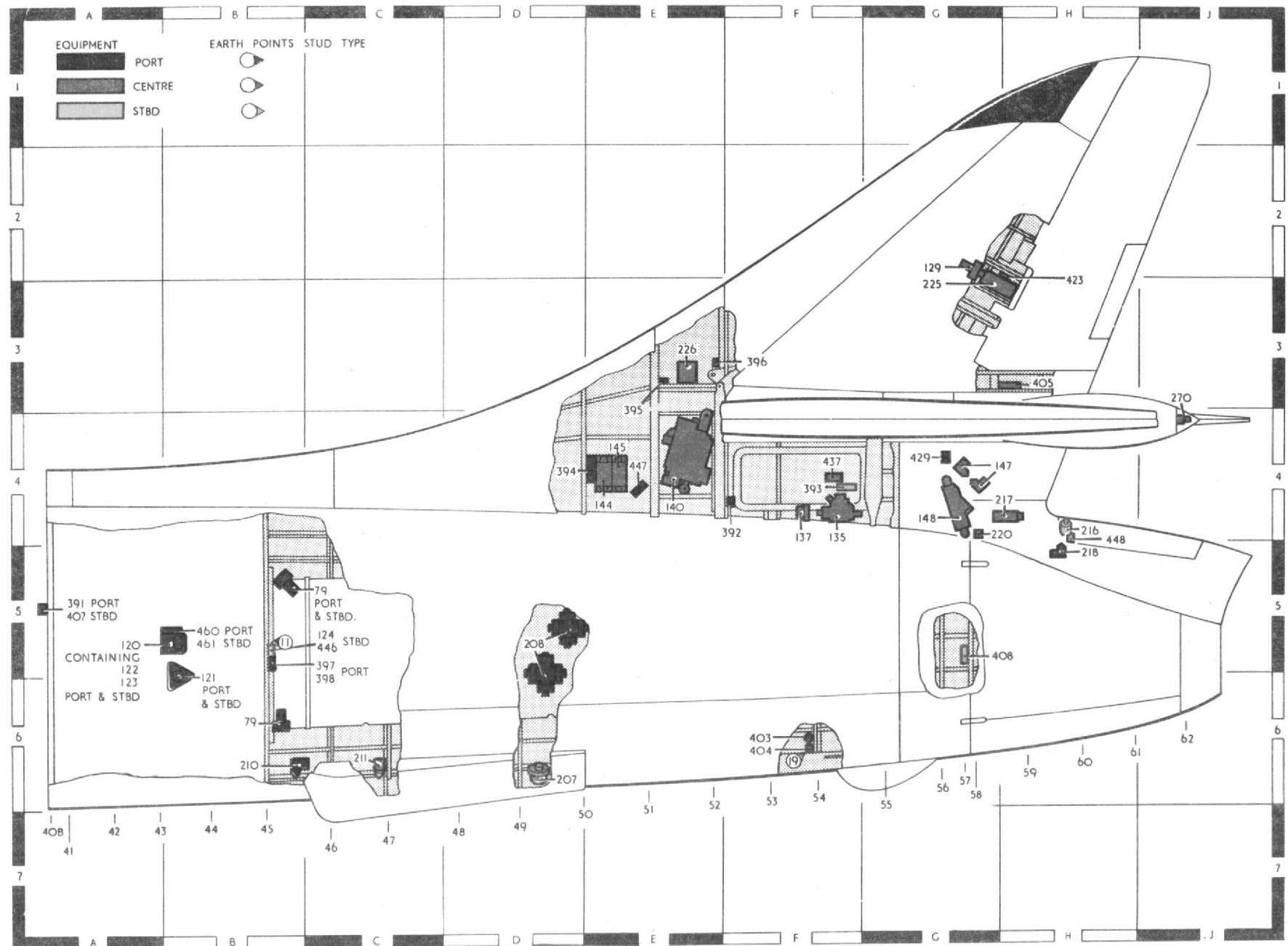


Fig.4. Equipment location - rear fuselage

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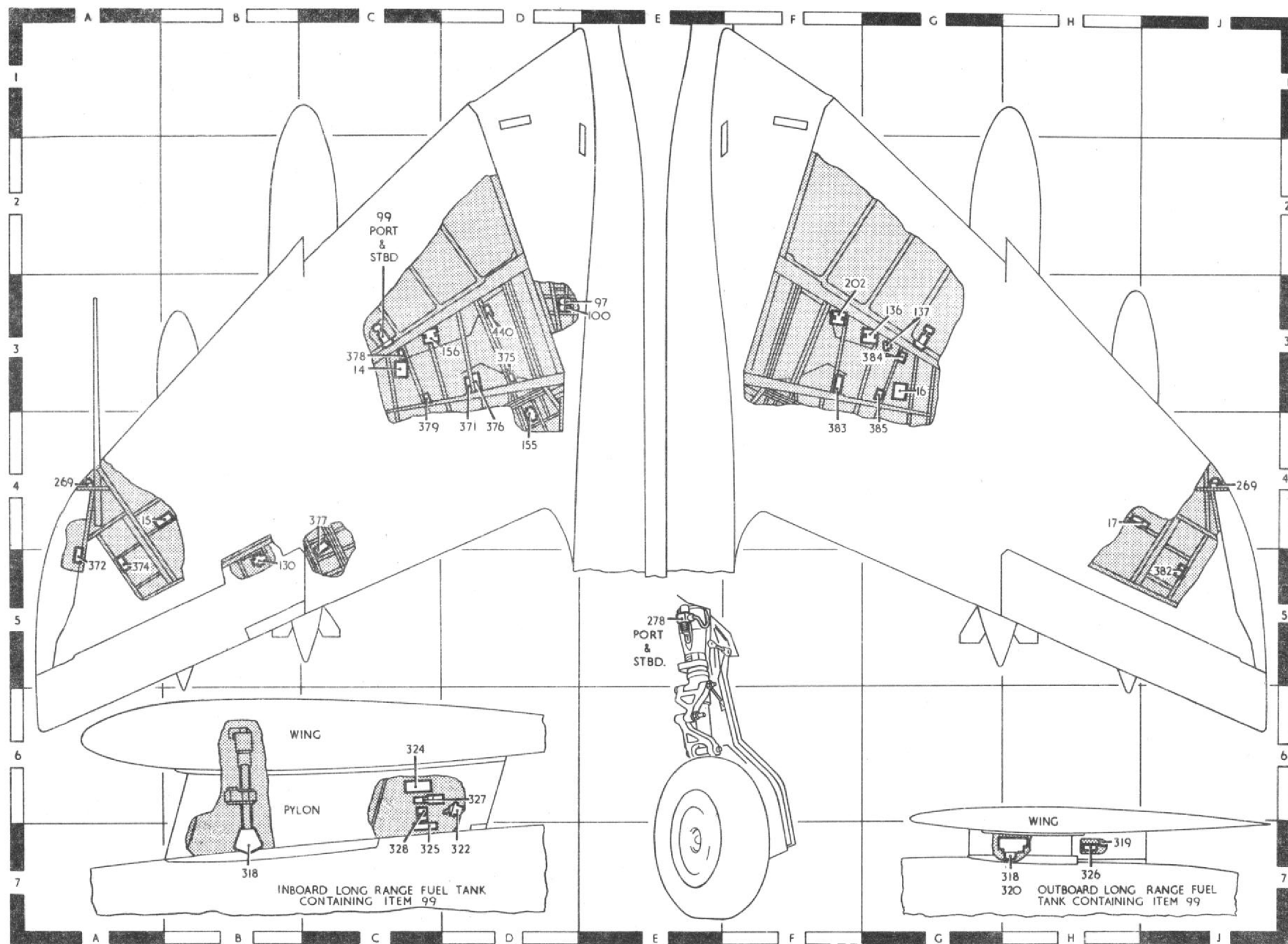
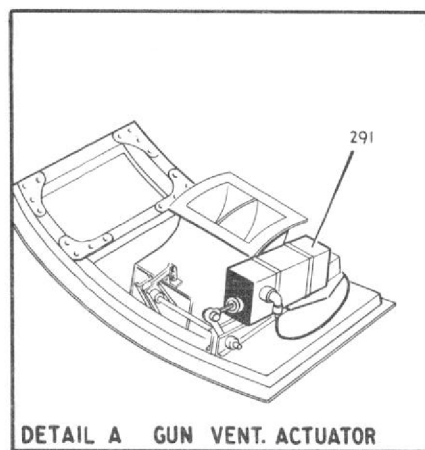


Fig.5. Equipment location - main planes

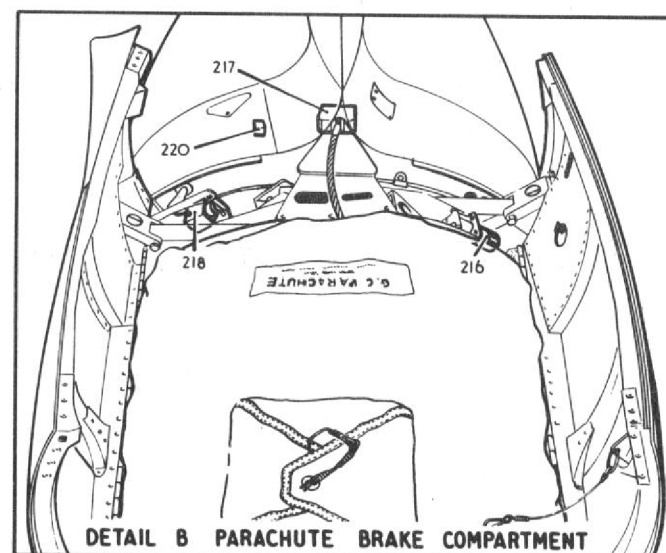
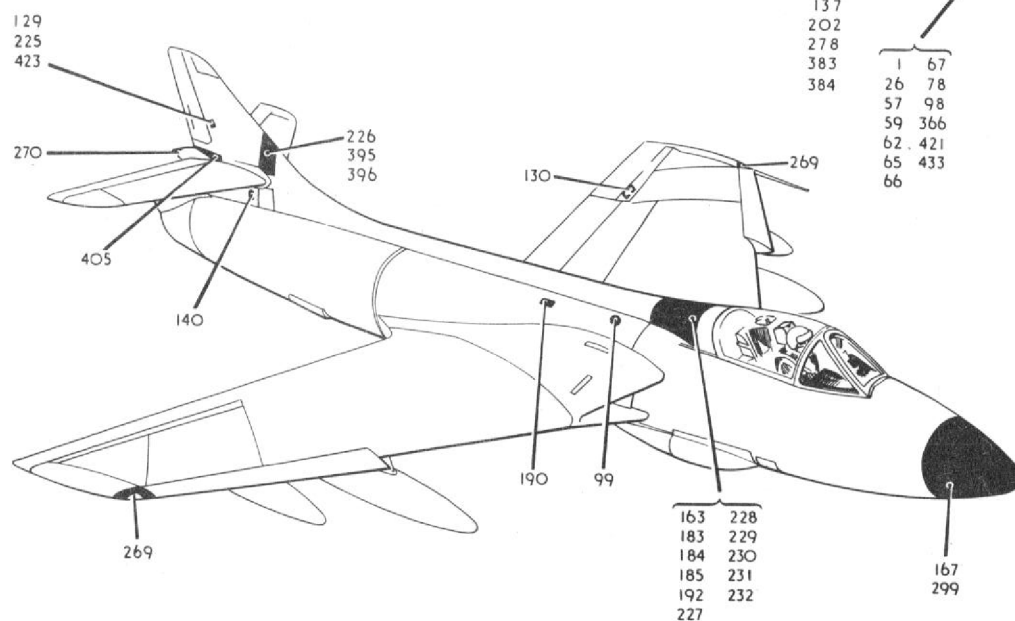
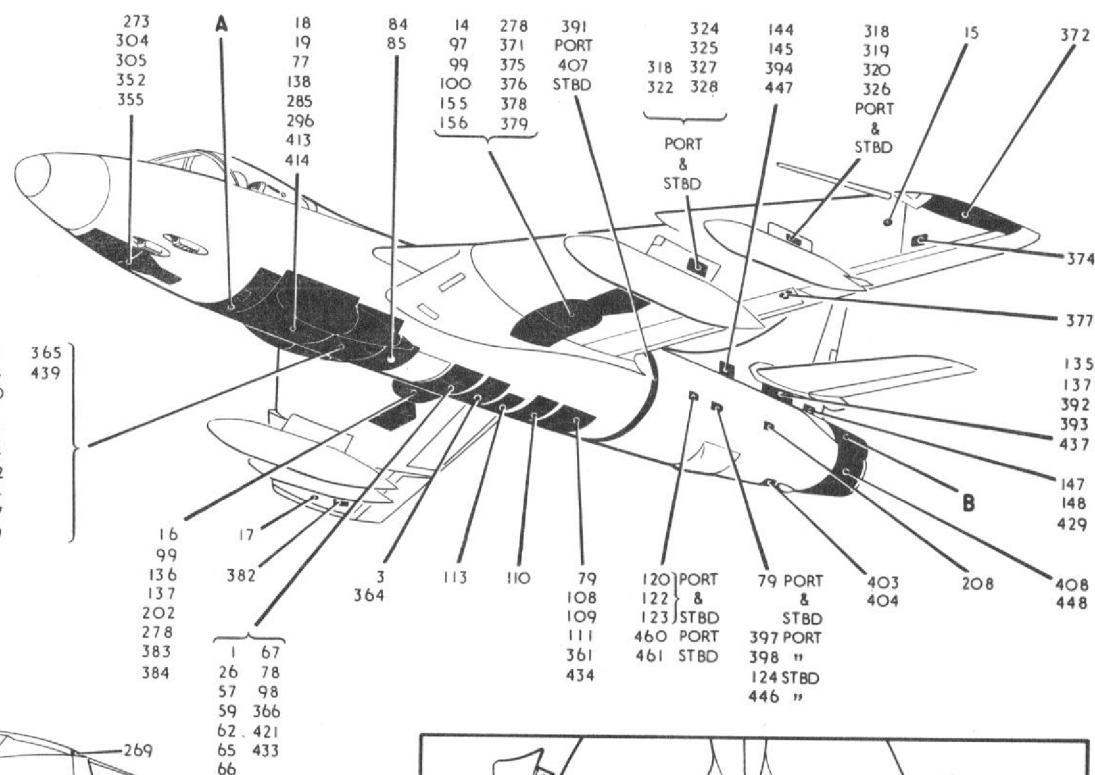
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TABLE 1 - continued

| ITEM                          | EQUIPMENT                     | FIG. | GRID<br>REF. | ITEM                                                    | EQUIPMENT                                         | FIG. | GRID<br>REF. |
|-------------------------------|-------------------------------|------|--------------|---------------------------------------------------------|---------------------------------------------------|------|--------------|
| 193                           |                               |      |              | 217                                                     | Jettison release unit ... ..                      | 4    | G.4          |
| 194                           |                               |      |              | 218                                                     | Door micro switch ... ..                          | 4    | H.5          |
| 195                           |                               |      |              | 219                                                     |                                                   |      |              |
| 196                           |                               |      |              | 220                                                     | Test plug ... ..                                  | 4    | G.4          |
| 197                           |                               |      |              | 221                                                     |                                                   |      |              |
| 198                           |                               |      |              | 222                                                     |                                                   |      |              |
| 199                           |                               |      |              | 223                                                     |                                                   |      |              |
| 200                           |                               |      |              | 224                                                     |                                                   |      |              |
| <b>ALIGHTING GEAR CONTROL</b> |                               |      |              | <b>AUTOSTABILIZER (Rendered inoperative by Mod.873)</b> |                                                   |      |              |
| 201                           | Control push-switches ... ..  | 1    | D.2          | 225                                                     | Servomotor ... ..                                 | 4    | G.3          |
| 202                           | Solenoid valve ... ..         | 5    | F.3          | 226                                                     | Compass and autostabilizer<br>junction box ... .. | 4    | E.3          |
| 203                           | Emergency micro switch ... .. | 2    | E.3          | 227                                                     | Slave relay unit ... ..                           | 2    | J.1          |
| 204                           |                               |      |              | 228                                                     | Suppressor ... ..                                 | 2    | H.1          |
| <b>AIR BRAKE CONTROL</b>      |                               |      |              | 229                                                     | Gyro unit ... ..                                  | 2    | J.1          |
| 205                           | Control switch ... ..         | 1    | C.4          | 230                                                     | Phase advance unit ... ..                         | 2    | G.2          |
| 206                           | Air brake relay box ... ..    | 1    | B.4          | 231                                                     | Amplifier unit ... ..                             | 2    | H.1          |
| 207                           | Pressure switch ... ..        | 4    | D.6          | 232                                                     | Monitor unit ... ..                               | 2    | H.1          |
| 208                           | Solenoid valves ... ..        | 4    | D.5          | 233                                                     |                                                   |      |              |
| 209                           | Magnetic indicator ... ..     | 1    | D.3          | 234                                                     | A.C. distribution box ... ..                      | 2    | G.2          |
| 210                           | Forward micro switch ... ..   | 4    | B.6          | 235                                                     |                                                   |      |              |
| 211                           | Aft micro switch ... ..       | 4    | C.6          | 236                                                     |                                                   |      |              |
| 212                           | Test switch ... ..            | 1    | B.4          | <b>A.C. SUPPLIES</b>                                    |                                                   |      |              |
| 213                           |                               |      |              | 237                                                     | Inverters ... ..                                  | 2    | F.3 & G.3    |
| 214                           |                               |      |              | 238                                                     | Torque switches ... ..                            | 2    | F.3          |
| <b>PARACHUTE BRAKE</b>        |                               |      |              | 239                                                     | Suppressors ... ..                                | 2    | F.3          |
| 215                           | Control switch ... ..         | 1    | C.2          | 240                                                     | Auto-transformer ... ..                           | 2    | F.3          |
| 216                           | Door solenoid ... ..          | 4    | H.4          |                                                         |                                                   |      |              |



|    |    |     |     |     |
|----|----|-----|-----|-----|
| 6  | 35 | 45  | 241 | 365 |
| 7  | 36 | 46  | 274 | 439 |
| 9  | 37 | 58  | 280 |     |
| 12 | 38 | 60  | 281 |     |
| 27 | 39 | 76  | 282 |     |
| 28 | 40 | 77  | 284 |     |
| 31 | 41 | 91  | 292 |     |
| 32 | 42 | 92  | 344 |     |
| 33 | 43 | 112 | 347 |     |
| 34 | 44 | 169 | 349 |     |



**Fig.6. Access panels**

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TABLE 1 - continued

| ITEM                  | EQUIPMENT                             | FIG. | GRID REF.                                   | ITEM                    | EQUIPMENT                                        | FIG. | GRID REF. |
|-----------------------|---------------------------------------|------|---------------------------------------------|-------------------------|--------------------------------------------------|------|-----------|
| 241                   | Test and reset switch ... ..          | 2    | G.7                                         | 265                     |                                                  |      |           |
| 242                   | Inverter selector switch ... ..       | 1    | B.6                                         | 266                     |                                                  |      |           |
| 243                   | Inverter change-over indicator ... .. | 1    | E.3                                         | 267                     |                                                  |      |           |
| 244                   | Normal circuit breaker ... ..         | 2    | F.3                                         | <b>NAVIGATION LAMPS</b> |                                                  |      |           |
| 245                   | Standby circuit breaker ... ..        | 2    | F.3                                         | 268                     | Control switch ... ..                            | 1    | H.5       |
| 246                   | Relay A ... ..                        | 2    | F.3                                         | 269                     | Wing-tip lamps ... ..                            | 5    | A.4 & J.4 |
| 247                   | Relay B ... ..                        | 2    | F.3                                         | 270                     | Tail lamp ... ..                                 | 4    | J.4       |
| 248                   | Relay C ... ..                        | 2    | F.3                                         | 271                     |                                                  |      |           |
| 249                   | Relay D ... ..                        | 2    | F.3                                         | 272                     |                                                  |      |           |
| 250                   | Relay E ... ..                        | 2    | F.3                                         | <b>SERVICE LAMPS</b>    |                                                  |      |           |
| 251                   | Relay F ... ..                        | 2    | F.3                                         | 273                     | Nose bay lamp ... ..                             | 2    | B.3       |
| 252                   |                                       |      |                                             | 274                     | Radio bay lamp ... ..                            | 2    | H.3       |
| 253                   |                                       |      |                                             | 275                     |                                                  |      |           |
| 254                   |                                       |      |                                             | 276                     |                                                  |      |           |
| 255                   |                                       |      |                                             | <b>GUN FIRING</b>       |                                                  |      |           |
| 256                   |                                       |      |                                             | 277                     | Firing trigger ... ..                            | 1    | F.3       |
| 257                   |                                       |      |                                             | 278                     | Alighting gear compression micro switches ... .. | 5    | E.5       |
| <b>CABIN LIGHTING</b> |                                       |      |                                             | 279                     | Armament ground test switch ... ..               | 1    | H.5       |
| 258                   | Dimmer switches ... ..                | 1    | H.3 & 4                                     | 280                     | Inverter ... ..                                  | 2    | C.7       |
| 259                   | U/V lamps ... ..                      | 1    | C.2 & G.3                                   | 281                     | Relay E.1 ... ..                                 | 2    | C.7       |
| 260                   | Red lamps ... ..                      | 1    | A.5, B.4,<br>D.2, F.2,<br>G.3, G.4<br>& H.4 | 282                     | Relay F.1 ... ..                                 | 2    | C.6       |
| 261                   | Standby lamps ... ..                  | 1    | D.2 & F.2                                   | 283                     |                                                  |      |           |
| 262                   | Standby compass lamp ... ..           | 1    | G.1                                         | 284                     | Circuit breaker ... ..                           | 2    | C.6       |
| 263                   | Standby lamps switch ... ..           | 1    | G.3                                         | 285                     | Box electrics ... ..                             | 2    | G.4       |
| 264                   | Standby compass lamp switch ... ..    | 1    | G.3                                         | 286                     |                                                  |      |           |
|                       |                                       |      |                                             | 287                     |                                                  |      |           |

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TABLE 1 - continued

| ITEM                                  | EQUIPMENT                           | FIG. | GRID REF. | ITEM | EQUIPMENT                                                     | FIG. | GRID REF. |
|---------------------------------------|-------------------------------------|------|-----------|------|---------------------------------------------------------------|------|-----------|
| 288                                   |                                     |      |           | 311  | Inboard and outboard pylon stores<br>jettison switches ... .. | 1    | D.2       |
| 289                                   |                                     |      |           | 312  | Relay S ... ..                                                | 2    | D.3       |
| 290                                   |                                     |      |           | 313  |                                                               |      |           |
| <b>GUN VENTILATION</b>                |                                     |      |           | 314  |                                                               |      |           |
| 291                                   | Ventilation actuator ... ..         | 2    | F.4       | 315  |                                                               |      |           |
| 292                                   | Relay C.1 ... ..                    | 2    | C.7       | 316  |                                                               |      |           |
| 293                                   |                                     |      |           | 317  |                                                               |      |           |
| 294                                   |                                     |      |           | 318  | Release units ... ..                                          | 5    | B.7 & H.7 |
| <b>GUN HEATING</b>                    |                                     |      |           | 319  | Cock test socket ... ..                                       | 5    | H.7       |
| 295                                   |                                     |      |           | 320  | Jettison solenoid ... ..                                      | 5    | H.7       |
| 296                                   | Thermostat ... ..                   | 2    | G.3       | 321  |                                                               |      |           |
| 297                                   |                                     |      |           | 322  | Drop tank refuel switches ... ..                              | 5    | D.6       |
| 298                                   |                                     |      |           | 323  | Outboard drop tank empty<br>indicators ... ..                 | 1    | G.4       |
| <b>CAMERA GUN</b>                     |                                     |      |           | 324  | Inboard pylon T.B.1 ... ..                                    | 5    | C.6       |
| 299                                   | Camera gun ... ..                   | 2    | B.2       | 325  | Inboard pylon T.B.2 ... ..                                    | 5    | C.7       |
| 300                                   | Gyro cageing and camera relay U ... | 2    | D.3       | 326  | Outboard pylon T.B.1 ... ..                                   | 5    | H.7       |
| 301                                   | Camera master switch ... ..         | 1    | E.4       | 327  | Safety plockets ... ..                                        | 5    | C.6       |
| 302                                   | Sunny/cloudy switch ... ..          | 1    | F.3       | 328  | Relays C and D ... ..                                         | 5    | C.6       |
| 303                                   | Camera push-switch ... ..           | 1    | F.3       | 329  |                                                               |      |           |
| 304                                   | Camera test switch ... ..           | 2    | B.3       | 330  |                                                               |      |           |
| 305                                   | Camera run indicator ... ..         | 2    | B.3       | 331  |                                                               |      |           |
| 306                                   | Iris relay ... ..                   | 2    | B.3       | 332  |                                                               |      |           |
| 307                                   |                                     |      |           | 333  |                                                               |      |           |
| 308                                   |                                     |      |           | 334  |                                                               |      |           |
| <b>DROP TANK RELEASE AND JETTISON</b> |                                     |      |           |      |                                                               |      |           |
| 309                                   |                                     |      |           |      |                                                               |      |           |
| 310                                   |                                     |      |           |      |                                                               |      |           |

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TABLE 1 - continued

| ITEM                   | EQUIPMENT                                          | FIG. | GRID<br>REF. | ITEM | EQUIPMENT  | FIG. | GRID.<br>REF. |
|------------------------|----------------------------------------------------|------|--------------|------|------------|------|---------------|
| 335                    | ...                                                |      |              | 360  | T.B.10 ... | 2    | F.3           |
| 336                    | ...                                                |      |              | 361  | T.B.11 ... | 3    | G.5           |
| 337                    |                                                    |      |              | 362  |            |      |               |
| 338                    |                                                    |      |              | 363  |            |      |               |
| 339                    |                                                    |      |              | 364  | T.B.14 ... | 3    | E.5           |
| <b>RADIO SUPPLIES</b>  |                                                    |      |              | 365  | T.B.15 ... | 3    | A.4           |
| 340                    | U.H.F. normal/standby switch ...                   | 1    | C.2          | 366  | T.B.16 ... | 3    | D.3           |
| 341                    | U.H.F. press-to- transmit switch..                 | 1    | C.4          | 367  |            |      |               |
| 342                    | Telebriefing push-switch ...                       | 1    | C.3          | 368  |            |      |               |
| 343                    | Telebriefing indicator lamp ...                    | 1    | C.3          | 369  |            |      |               |
| 344                    | I.F.F. circuit breaker ...                         | 2    | H.3          | 370  |            |      |               |
| 345                    | I.F.F. master switch ...                           | 1    | H.5          | 371  | T.B.21 ... | 5    | D.3           |
| 346                    |                                                    |      |              | 372  | T.B.22 ... | 5    | A.5           |
| 347                    | U.H.F. services circuit breaker ...                | 2    | H.3          | 373  |            |      |               |
| 348                    | U.H.F. main supply circuit breaker<br>(ARC.52) ... | 2    | H.3          | 374  | T.B.24 ... | 5    | A.5           |
| 349                    | Radar inverter ...                                 | 2    | J.3          | 375  | T.B.25 ... | 5    | D.3           |
| 350                    | Voice recorder switch ...                          | 1    | C.2          | 376  | T.B.26 ... | 5    | D.3           |
| <b>TERMINAL BLOCKS</b> |                                                    |      |              | 377  | T.B.27 ... | 5    | C.4           |
| 351                    |                                                    |      |              | 378  | T.B.28 ... | 5    | C.3           |
| 352                    | T.B.2 ...                                          | 2    | B.4          | 379  | T.B.29 ... | 5    | C.3           |
| 353                    | T.B.3 ...                                          | 2    | D.3          | 380  |            |      |               |
| 354                    | T.B.4 ...                                          | 2    | E.3          | 381  |            |      |               |
| 355                    | T.B.5 ...                                          | 2    | C.4          | 382  | T.B.32 ... | 5    | J.5           |
| 356                    | T.B.6 ...                                          | 2    | E.3          | 383  | T.B.33 ... | 5    | F.3           |
| 357                    | T.B.7 ...                                          | 2    | D.3          | 384  | T.B.34 ... | 5    | G.3           |
| 358                    |                                                    |      |              | 385  | T.B.35 ... | 5    | G.3           |
| 359                    | T.B.9 ...                                          | 2    | F.3          | 386  |            |      |               |

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TABLE 1 - continued

| ITEM | EQUIPMENT     | FIG. | GRID<br>REF. | ITEM | EQUIPMENT     | FIG. | GRID<br>REF. |
|------|---------------|------|--------------|------|---------------|------|--------------|
| 387  |               |      |              | 414  | T.B.64 ... .. | 2    | F.3          |
| 388  |               |      |              | 415  |               |      |              |
| 389  |               |      |              | 416  |               |      |              |
| 390  |               |      |              | 417  |               |      |              |
| 391  | T.B.41 ... .. | 4    | A.5          | 418  |               |      |              |
| 392  | T.B.42 ... .. | 4    | F.4          | 419  |               |      |              |
| 393  | T.B.43 ... .. | 4    | F.4          | 420  |               |      |              |
| 394  | T.B.44 ... .. | 4    | E.4          | 421  | T.B.71 ... .. | 3    | D.5          |
| 395  | T.B.45 ... .. | 4    | E.3          | 422  |               |      |              |
| 396  | T.B.46 ... .. | 4    | E.3          | 423  | T.B.73 ... .. | 4    | H.2          |
| 397  | T.B.47 ... .. | 4    | B.5          | 424  |               |      |              |
| 398  | T.B.48 ... .. | 4    | B.5          | 425  |               |      |              |
| 399  |               |      |              | 426  |               |      |              |
| 400  |               |      |              | 427  |               |      |              |
| 401  |               |      |              | 428  |               |      |              |
| 402  |               |      |              | 429  | T.B.79 ... .. | 4    | G.4          |
| 403  | T.B.53 ... .. | 4    | F.6          | 430  |               |      |              |
| 404  | T.B.54 ... .. | 4    | F.6          | 431  |               |      |              |
| 405  | T.B.55 ... .. | 4    | H.3          | 432  |               |      |              |
| 406  |               |      |              | 433  | T.B.83 ... .. | 3    | D.3          |
| 407  | T.B.57 ... .. | 4    | A.5          | 434  | T.B.84 ... .. | 3    | G.5          |
| 408  | T.B.58 ... .. | 4    | G.5          | 435  | T.B.85 ... .. | 2    | E.3          |
| 409  |               |      |              | 436  |               |      |              |
| 410  |               |      |              | 437  | T.B.87 ... .. | 4    | F.4          |
| 411  |               |      |              | 438  |               |      |              |
| 412  |               |      |              | 439  | T.B.89 ... .. | 2    | J.4          |
| 413  | T.B.63 ... .. | 2    | H.4          | 440  | T.B.90 ... .. | 5    | D.3          |

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TABLE 1 - continued

| ITEM | EQUIPMENT      | FIG. | GRID<br>REF. | ITEM                                       | EQUIPMENT                      | FIG. | GRID<br>REF. |
|------|----------------|------|--------------|--------------------------------------------|--------------------------------|------|--------------|
| 441  |                |      |              | 459                                        |                                |      |              |
| 442  |                |      |              | 460                                        | T.B.110 ... ..                 | 4    | B.5          |
| 443  |                |      |              | 461                                        | T.B.111 ... ..                 | 4    | B.5          |
| 444  |                |      |              | 462                                        |                                |      |              |
| 445  |                |      |              | 463                                        |                                |      |              |
| 446  | T.B.96 ... ..  | 4    | B.5          | 464                                        |                                |      |              |
| 447  | T.B.97 ... ..  | 4    | E.4          | 465                                        |                                |      |              |
| 448  | T.B.98 ... ..  | 4    | H.4          | 466                                        |                                |      |              |
| 449  | T.B.99 ... ..  | 2    | F.3          | 467                                        |                                |      |              |
| 450  |                |      |              | 468                                        |                                |      |              |
| 451  | T.B.101 ... .. | 1    | E.1          | 469                                        |                                |      |              |
| 452  |                |      |              | <b>PHOTOGRAPHIC RECONNAISSANCE CAMERAS</b> |                                |      |              |
| 453  |                |      |              | 470                                        | F95/G90 Selector switch ... .. | 1    | C.3          |
| 454  |                |      |              | 471                                        | Camera master switches ... ..  | 1    | C.3          |
| 455  |                |      |              | 472                                        | Dull/Bright switch ... ..      | 1    | C.4          |
| 456  |                |      |              | 473                                        | Camera heater switch ... ..    | 1    | E.3          |
| 457  |                |      |              | 474                                        | Camera warning lamps ... ..    | 1    | F.1          |
| 458  |                |      |              | 475                                        | Circuit breaker ... ..         | 2    | H.3          |

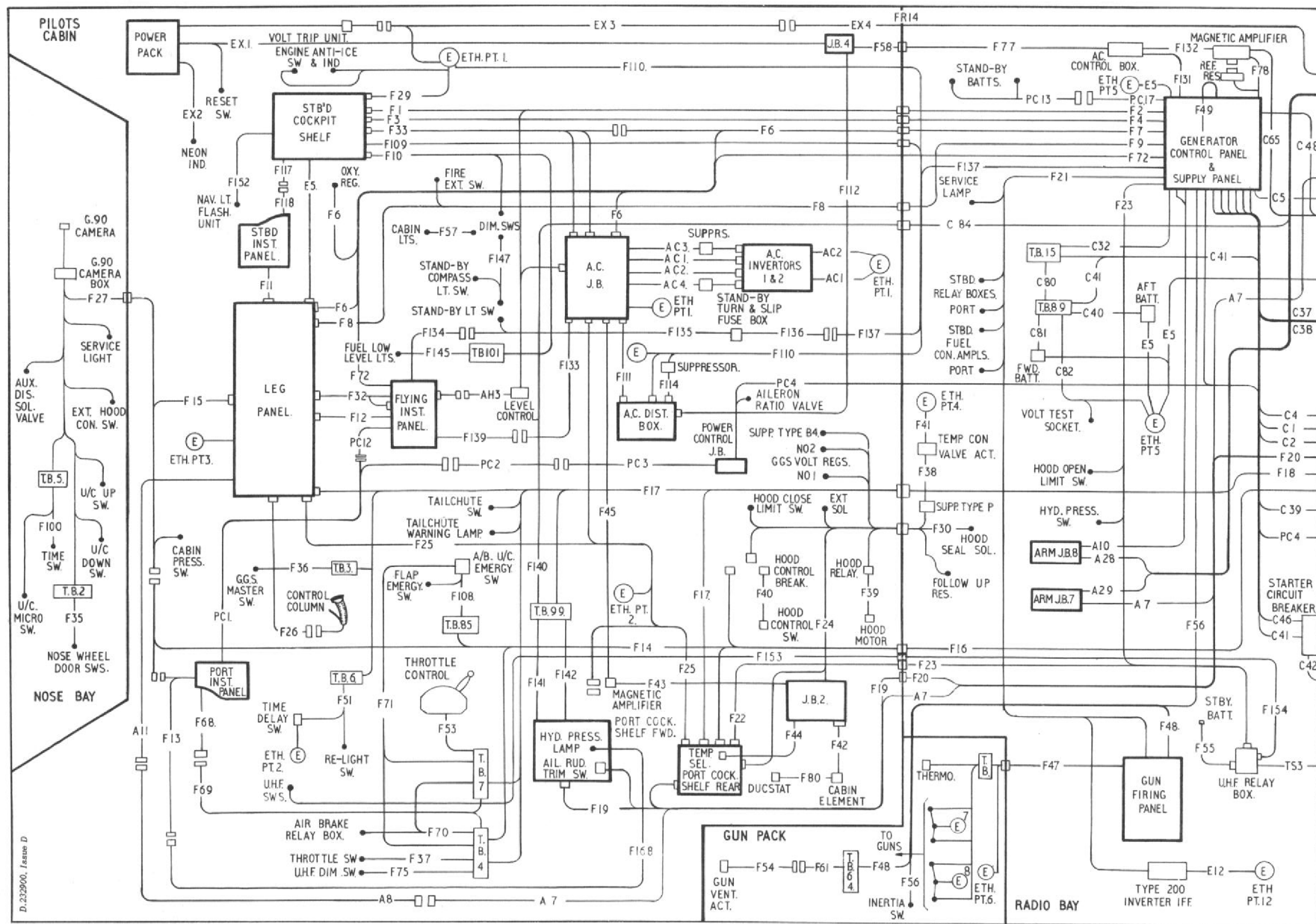
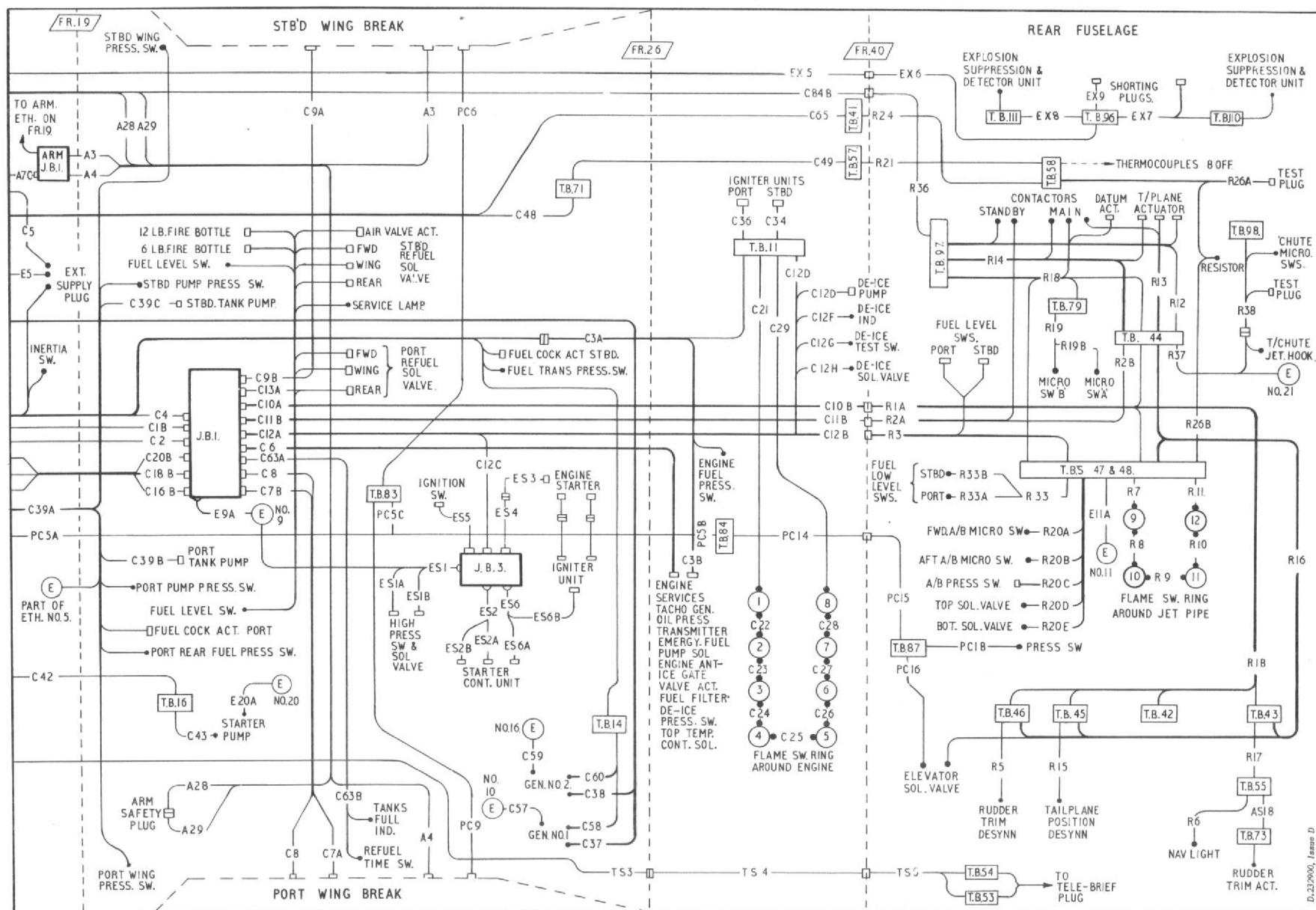


Fig.7. Cable assembly layout - front fuselage

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**Fig.8. Cable assembly layout - centre and rear fuselage**

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