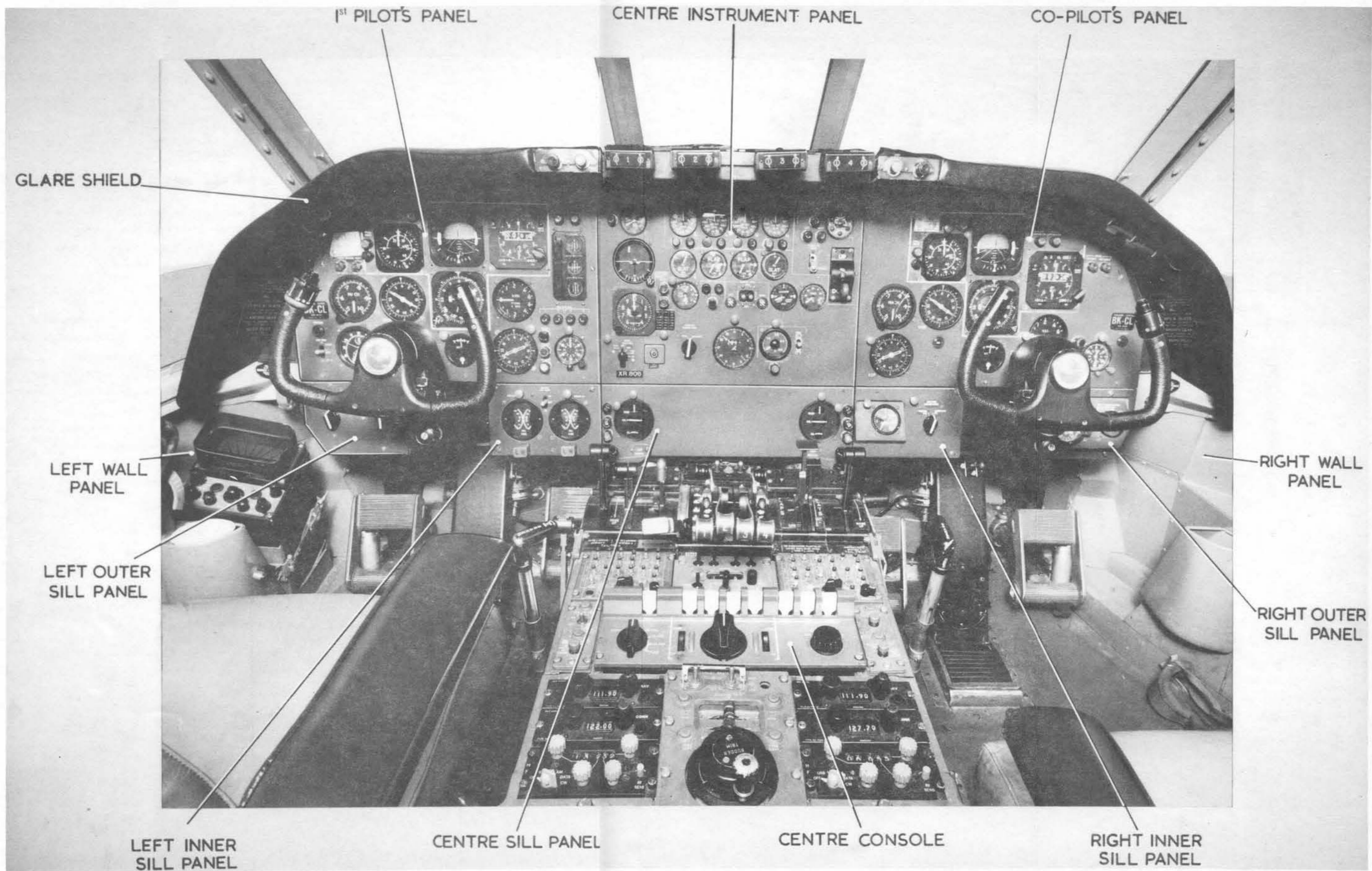


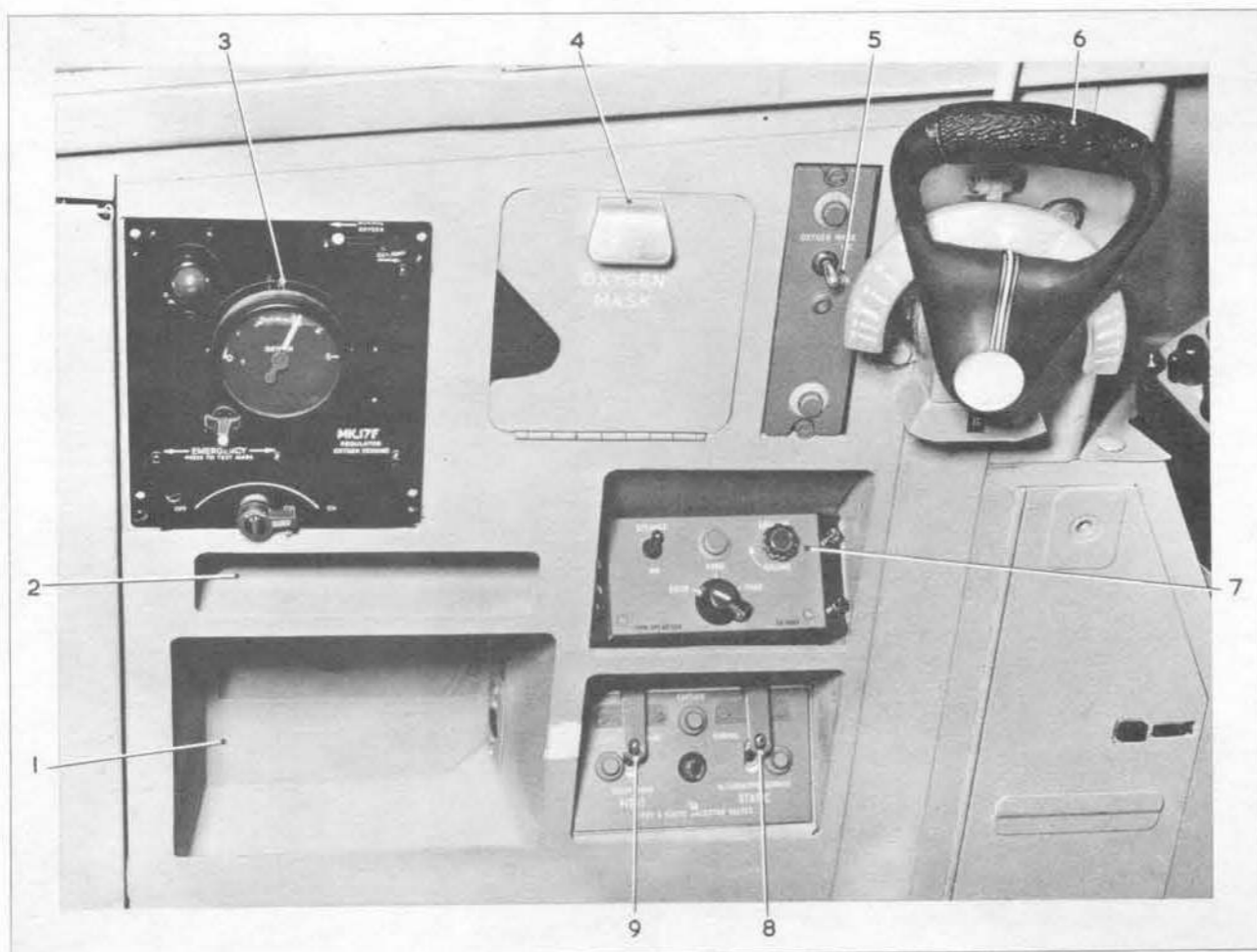
## PART 3

## FLIGHT DECK ILLUSTRATIONS

## List of Illustrations

	Fig
PILOT'S STATIONS—GENERAL VIEW ... ..	1
PILOT'S STATIONS—LEFT WALL ... ..	2
PILOT'S STATIONS—LEFT INSTRUMENT AND LEFT SILL PANELS	3
PILOT'S STATIONS—CENTRE INSTRUMENT AND CENTRE SILL PANELS ... ..	4
PILOT'S STATIONS—RIGHT INSTRUMENT AND RIGHT SILL PANELS ... ..	5
PILOT'S STATIONS—RIGHT WALL ... ..	6
PILOT'S STATIONS—CENTRE CONSOLE ... ..	7
PILOT'S STATIONS—FORWARD ROOF PANEL ... ..	8
ENGINEER'S STATION—REAR ROOF PANEL ... ..	9
ENGINEER'S STATION—UPPER PANELS ... ..	10
ENGINEER'S STATION—LOWER PANELS ... ..	11
ENGINEER'S STATION—FORWARD END OF TABLE ... ..	12
ENGINEER'S STATION—REAR BULKHEAD PANEL ... ..	13
NAVIGATOR'S STATION—NAVIGATOR'S PANEL ... ..	14
◀ENGINEER'S STATION—DC CIRCUIT-BREAKER AND FUSE PANELS ... .. ▶	15 ▶





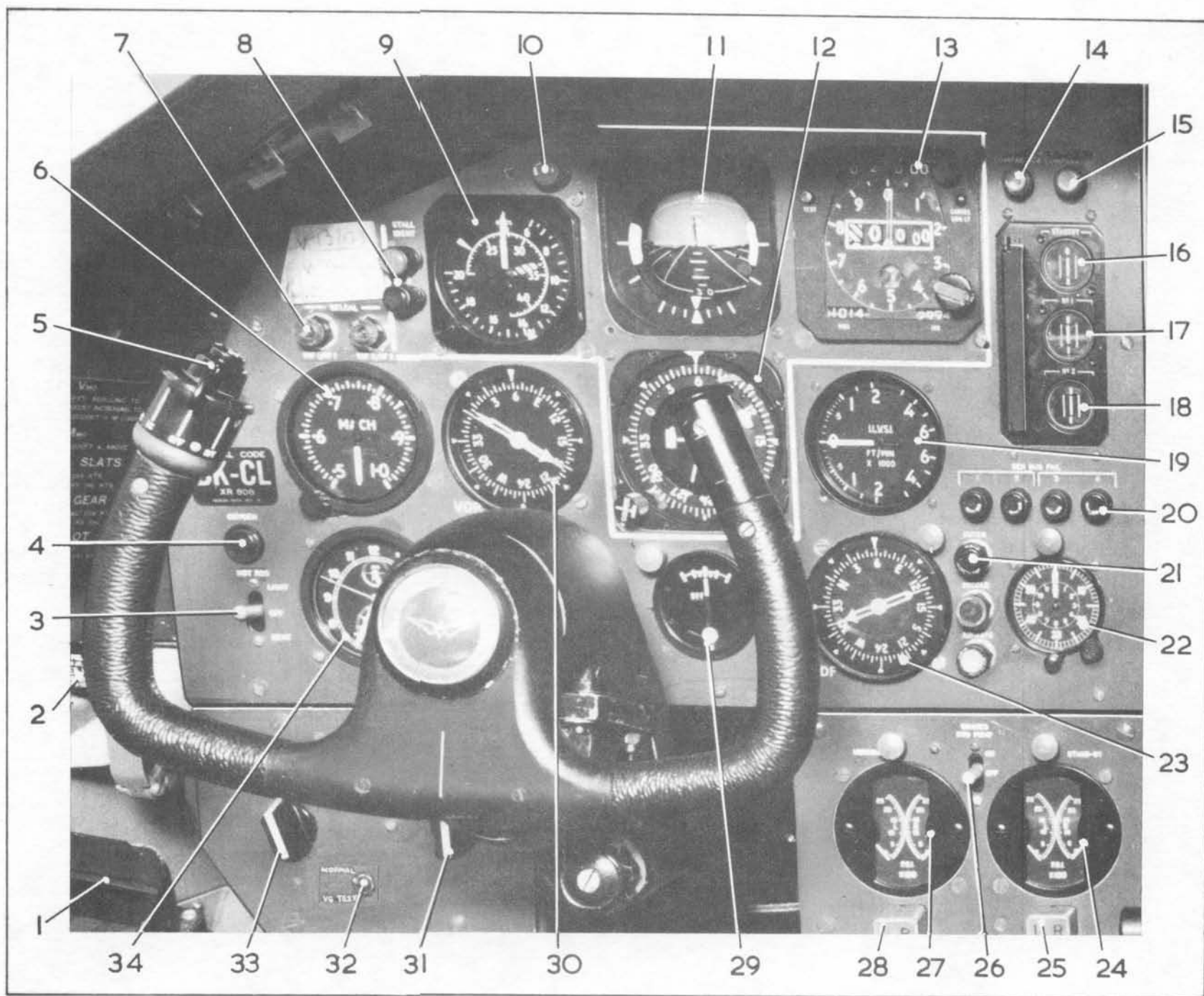
3—1 Fig 2 Pilots' Stations—Left Wall

3—1 Fig 2 Pilots' Stations—Left Wall

- |                                       |                                                                 |
|---------------------------------------|-----------------------------------------------------------------|
| 1 Headset stowage and intercom socket | 6 Nosewheel steering handle, 1st pilot                          |
| 2 Smoke goggle stowage                | 7 Microphone selector box, 1st pilot                            |
| 3 Oxygen regulator Mk 17F, 1st pilot  | 8 Alternative static pressure source selector switch, 1st pilot |
| 4 Oxygen mask stowage                 | 9 Pitot pressure changeover selector switch, 1st pilot          |
| 5 Oxygen mask P/A—I/C selector switch |                                                                 |

3—1 Fig 3 Pilot's Stations—Left Instrument and Left Sill Panels

- |                                                                                      |                                                           |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------|
| 1 Weather radar indicator and controller, 1st pilot                                  | 18 No 2 yaw damper indicator                              |
| 2 Rudder pedals adjuster lock release control, 1st pilot                             | 19 Inertial lead vertical speed indicator                 |
| 3 Hot rod ice detector switch                                                        | 20 Generator busbar failure warning lights (four)         |
| 4 Oxygen flow remote magnetic indicator, 1st pilot                                   | 21 Marker indicator lights (three)                        |
| 5 Intercom/off/R/T switch and autopilot cut-out buttons                              | 22 Elapsed time clock                                     |
| 6 Machmeter                                                                          | 23 ADF RMI                                                |
| 7 Selcal Lights                                                                      | 24 Standby wheelbrakes pressure applied gauge             |
| 8 Stall protection—system operated and system failed warning lights (two)            | 25 Residual brake pressure warning lights, standby system |
| 9 Airspeed indicator                                                                 | 26 Wheelbrakes auxiliary pump switch                      |
| 10 Auto-throttle warning light                                                       | 27 Normal wheelbrakes pressure applied gauge              |
| 11 Horizon director indicator (HDI)                                                  | 28 Residual brake pressure warning lights, normal system  |
| 12 Course deviation indicator (CDI)<br>Compass heading true/magnetic indicator below | 29 Turn-and-slip indicator                                |
| 13 Precision altimeter                                                               | 30 VOR RMI: VOR/ILS magnetic indicator below              |
| 14 Horizon comparator warning light                                                  | 31 Vertical gyro changeover selector switch               |
| 15 Compass comparator warning light                                                  | 32 Normal/VG test switch                                  |
| 16 Standby yaw damper indicator                                                      | 33 LOC/VOR changeover selector switch                     |
| 17 No 1 yaw damper indicator                                                         | 34 Time of flight clock                                   |

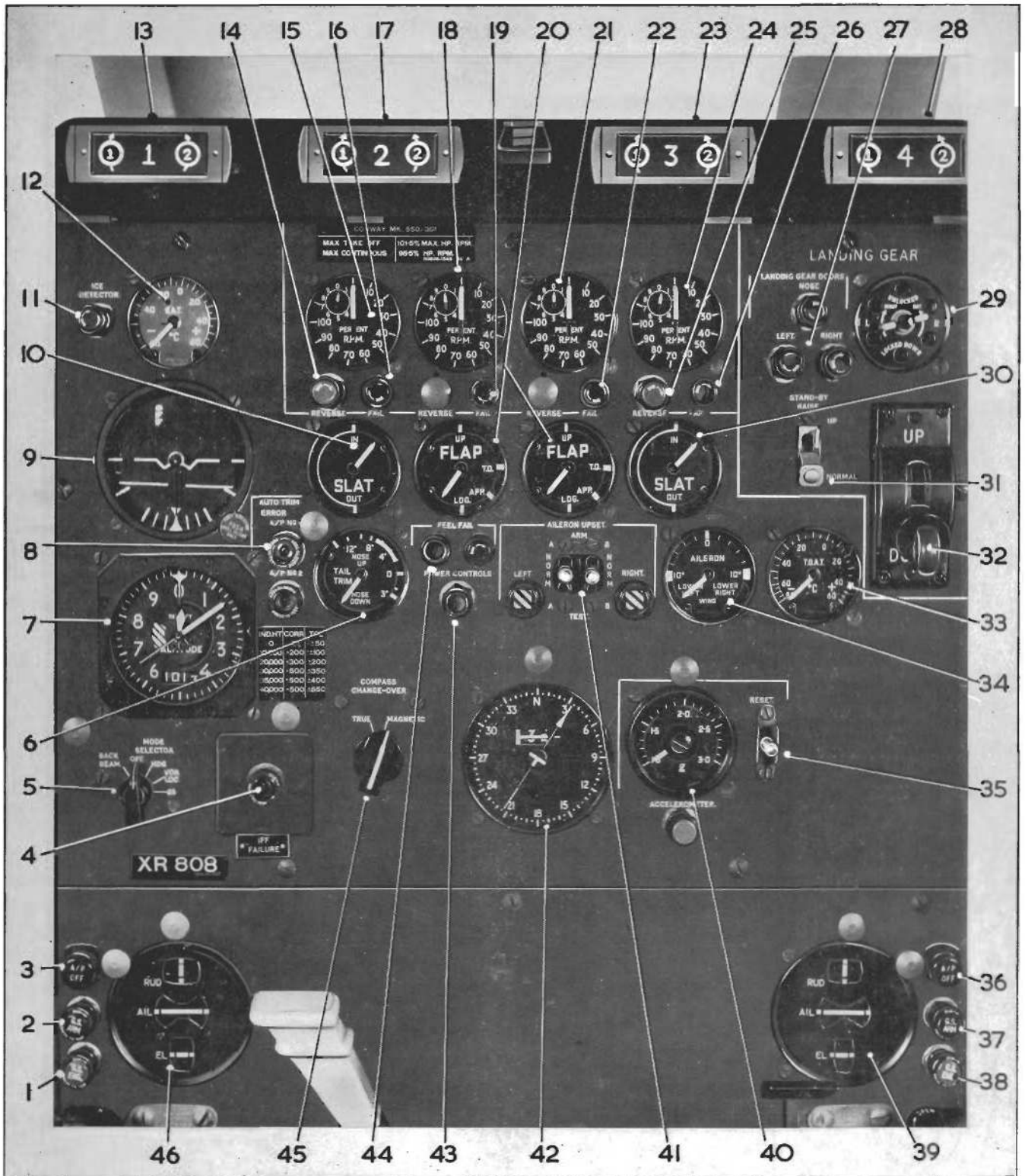


VC10/176B

3-1 Fig 3 Pilots' Stations - Left Instrument and Left Sill Panels  
◀ (Normal/VG test switch included) ▶

### 3—1 Fig 4 Pilots' Stations—Centre Instrument and Centre Sill Panels

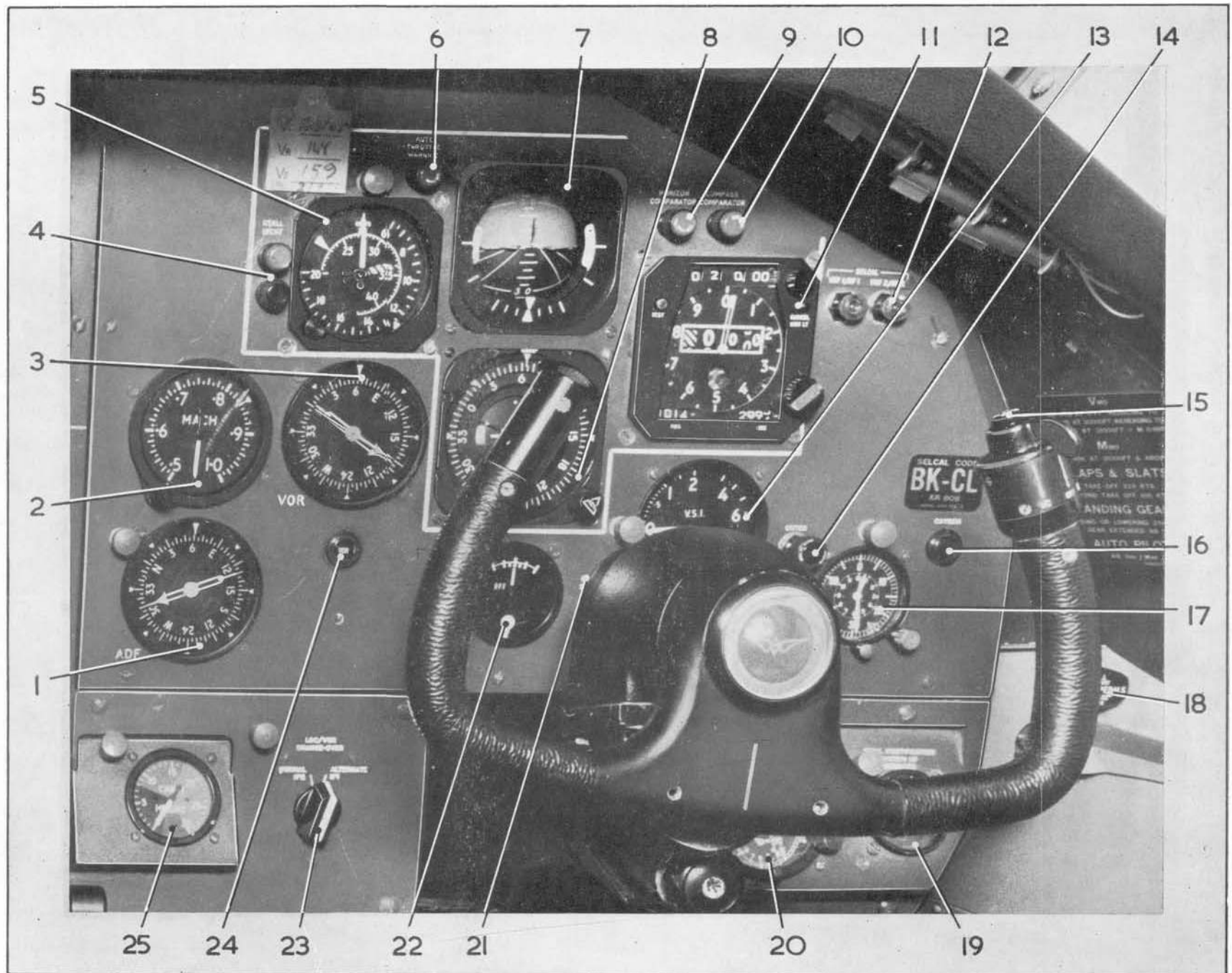
- |    |                                               |    |                                               |
|----|-----------------------------------------------|----|-----------------------------------------------|
| 1  | Glide-slope engaged indicator light           | 24 | HP-RPM indicator, No 4 engine                 |
| 2  | Glide-slope armed indicator light             | 25 | Reverse thrust warning light, No 4 engine     |
| 3  | Autopilot failure warning light               | 26 | Engine failure warning light, No 4 engine     |
| 4  | IFF failure warning light                     | 27 | Undercarriage door warning lights (three)     |
| 5  | Flight steering computer mode selector switch | 28 | Fire control handle, No 4 engine              |
| 6  | Tailplane trim indicator                      | 29 | Undercarriage position indicator              |
| 7  | Standby altimeter                             | 30 | Slat position indicator, right side           |
| 8  | Auto-trim error warning lights (two)          | 31 | Undercarriage standby raise selector switch   |
| 9  | Standby gyro horizon                          | 32 | Undercarriage selector                        |
| 10 | Slat position indicator, left side            | 33 | True outside air temperature gauge            |
| 11 | Ice detector warning light                    | 34 | Aileron trim indicator                        |
| 12 | Outside air temperature gauge                 | 35 | Accelerometer warning light reset switch      |
| 13 | Fire control handle, No 1 engine              | 36 | Auto-pilot failure warning light              |
| 14 | Reverse thrust warning light, No 1 engine     | 37 | Glide-slope armed indicator light             |
| 15 | HP-RPM indicator, No 1 engine                 | 38 | Glide-slope engaged indicator light           |
| 16 | Engine failure warning light, No 1 engine     | 39 | No 2 autopilot three-axis trim indicator      |
| 17 | Fire control handle, No 2 engine              | 40 | Accelerometer and accelerometer warning light |
| 18 | HP-RPM indicator, No 2 engine                 | 41 | Aileron upset switches and indicators (two)   |
| 19 | Engine failure warning light, No 2 engine     | 42 | Tacan bearing indicator                       |
| 20 | Flap position indicators, left and right      | 43 | Power controls failure warning light          |
| 21 | HP-RPM indicator, No 3 engine                 | 44 | Feel failure warning lights (two)             |
| 22 | Engine failure warning light, No 3 engine     | 45 | Compass true/magnetic change-over switch      |
| 23 | Fire control handle, No 3 engine              | 46 | No 1 autopilot three-axis trim indicator      |



3.1 Fig. 4. Pilots' Stations — Centre Instrument and Centre Sill Panels

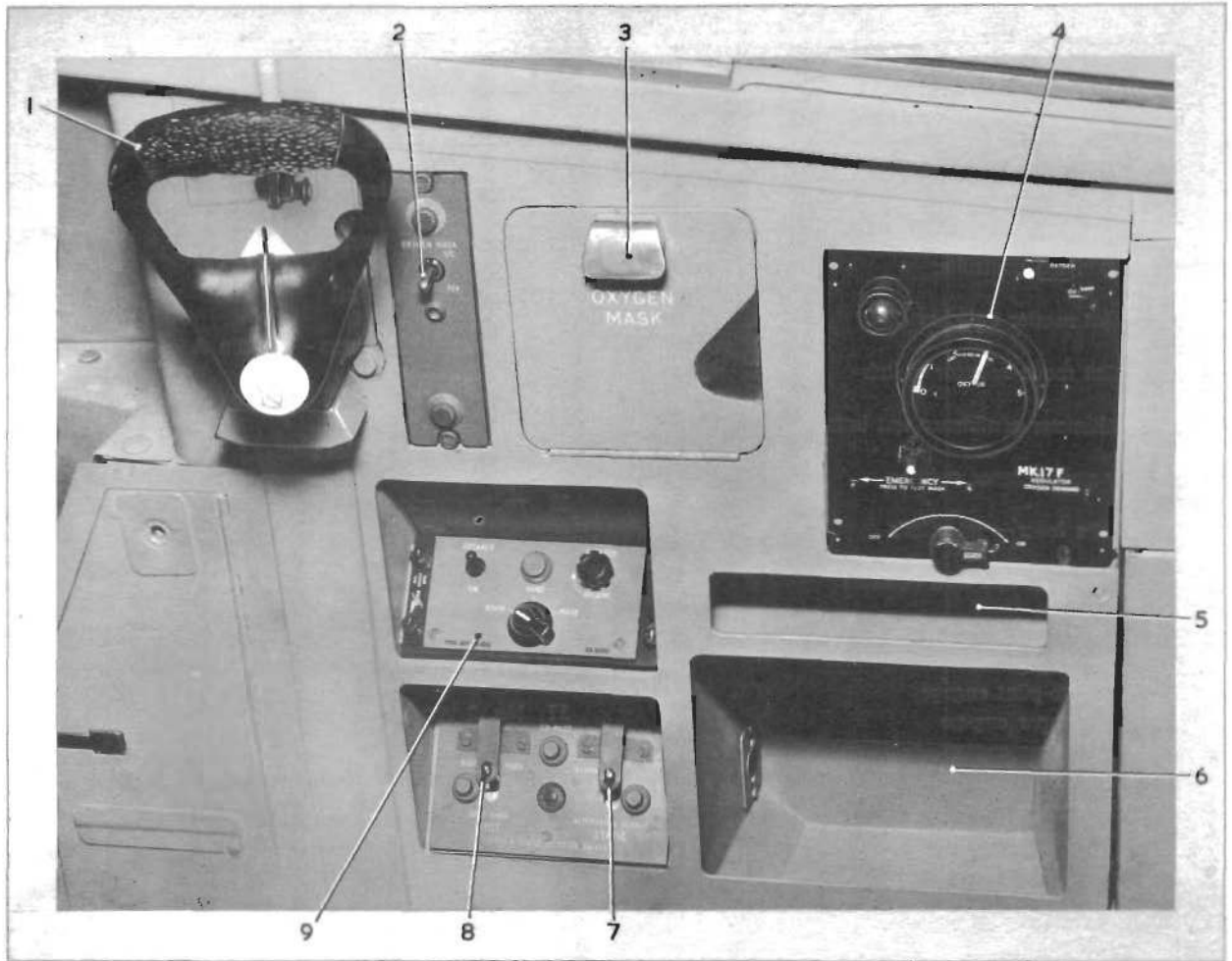
### 3.1 Fig. 5. Pilots' Stations — Right Instrument and Right Sill Panels

- |    |                                                                         |    |                                                       |
|----|-------------------------------------------------------------------------|----|-------------------------------------------------------|
| 1  | ADF RMI                                                                 | 13 | Vertical speed indicator                              |
| 2  | Machmeter                                                               | 14 | Marker indicator lights (3)                           |
| 3  | VOR RMI                                                                 | 15 | Intercomm./RT/auto-pilot cut-out buttons              |
| 4  | Stall protection — system operated and system failed warning lights (2) | 16 | Oxygen flow remote magnetic indicator, co-pilot       |
| 5  | Airspeed indicator                                                      | 17 | Time elapsed clock                                    |
| 6  | Auto-throttle warning light                                             | 18 | Rudder pedals adjuster lock release control, co-pilot |
| 7  | Horizon director indicator (HDI)                                        | 19 | Stall protection system nitrogen HP pressure gauge    |
| 8  | Course deviation indicator (CDI)                                        | 20 | Time of flight clock                                  |
| 9  | Horizon comparator warning light                                        | 21 | Compass heading true/magnetic indicator               |
| 10 | Compass comparator warning light                                        | 22 | Turn-and-slip indicator                               |
| 11 | Precision altimeter                                                     | 23 | LOC/VOR change-over selector switch                   |
| 12 | Selcal lights                                                           | 24 | VOR/ILS magnetic indicator                            |
|    |                                                                         | 25 | Cabin altimeter                                       |



3.1 Fig. 5. Pilots' Stations — Right Instrument and Right Sill Panels

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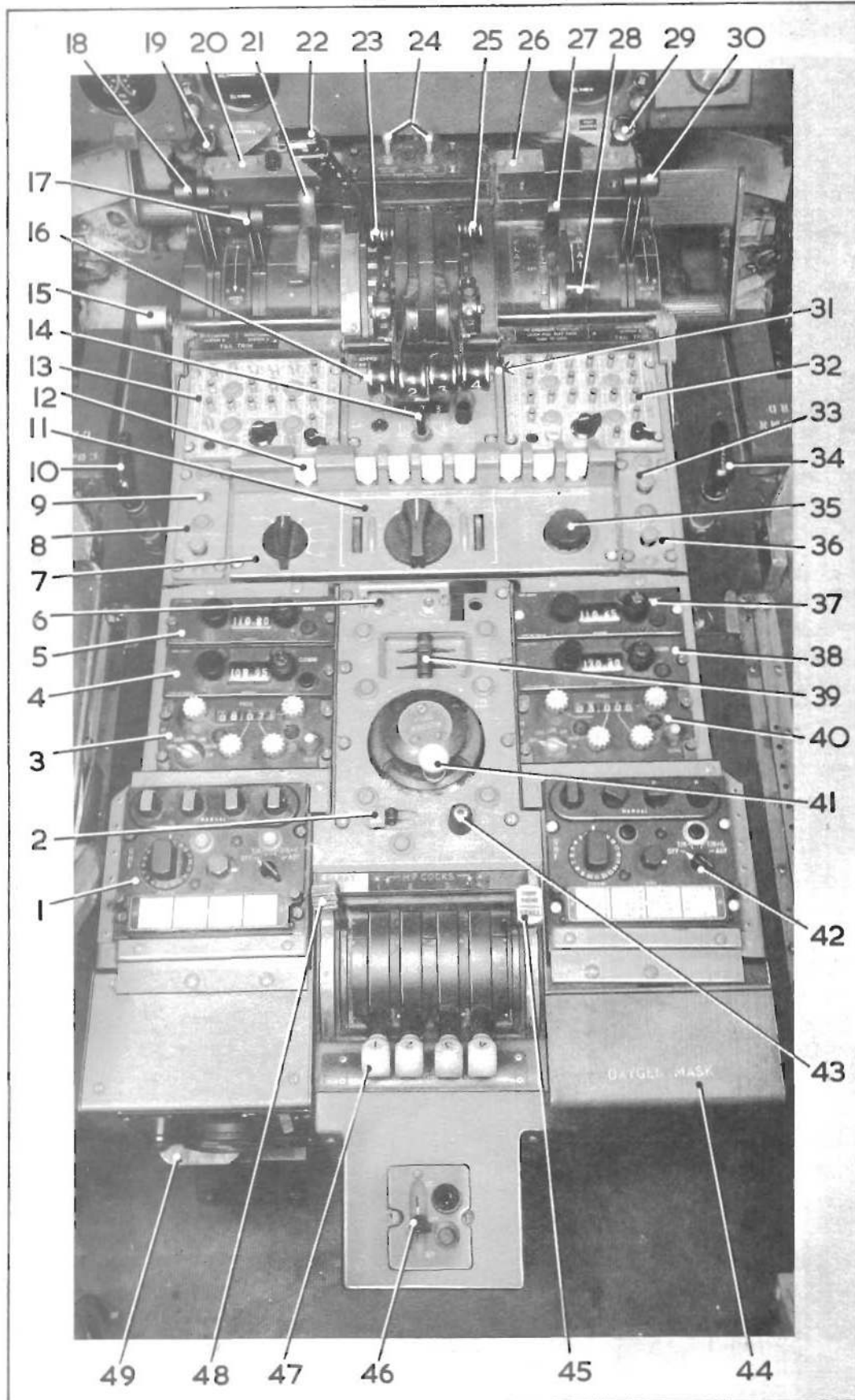
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**3.1 Fig. 6. Pilots' Stations — Right Wall**

- |   |                                     |   |                                                              |
|---|-------------------------------------|---|--------------------------------------------------------------|
| 1 | Nosewheel steering handle, co-pilot | 6 | Headset stowage and intercomm. socket                        |
| 2 | Oxygen mask P/A-I/C selector switch | 7 | Alternative static pressure source selector switch, co-pilot |
| 3 | Oxygen mask stowage                 | 8 | Pitot pressure change-over selector switch, co-pilot         |
| 4 | Oxygen regulator Mk. 17F, co-pilot  | 9 | Microphone selector box, co-pilot                            |
| 5 | Smoke goggle stowage                |   |                                                              |

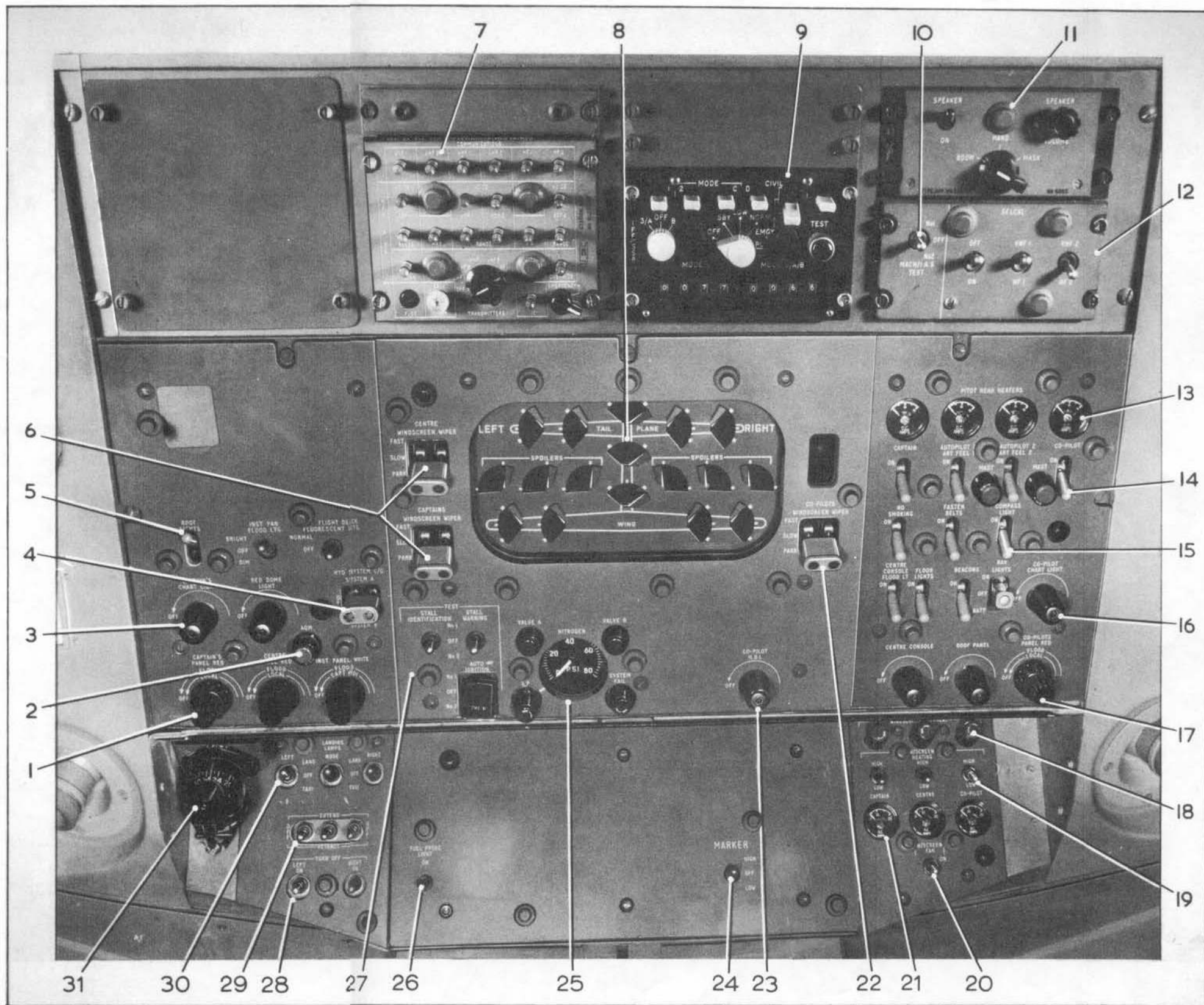
### 3.1 Fig. 7. Pilots' Stations — Centre Console

- |                                                                                                                                                                                                                           |                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| 1 No. 1 UHF controller                                                                                                                                                                                                    | 24 Weather radar control switches (2)                                          |
| 2 Flight deck/ALM/ditching jackbox intercomm. interconnect switch                                                                                                                                                         | 25 Thrust reverser control, No. 4 engine                                       |
| 3 No. 1 HF controller                                                                                                                                                                                                     | 26 No. 2 HF tuning light                                                       |
| 4 No. 1 VHF controller (comm.)                                                                                                                                                                                            | 27 Flaps control lever                                                         |
| 5 No. 1 VOR/ILS controller                                                                                                                                                                                                | 28 Slats control lever                                                         |
| 6 Auto-pilot master switches (2)                                                                                                                                                                                          | 29 Foot heater control                                                         |
| 7 Auto-pilot mode selector switch                                                                                                                                                                                         | 30 Tailplane trim levers — System A                                            |
| 8 Radio altimeter confidence test button                                                                                                                                                                                  | 31 Auto-throttle control switches (4) (front of panel)                         |
| 9 Standby yaw damper switch                                                                                                                                                                                               | 32 Station box, co-pilot's                                                     |
| 10 Handbrake lever — 1st pilot's                                                                                                                                                                                          | 33 TOCW warning horn cancel button                                             |
| 11 Auto-pilot pitch and turn controls                                                                                                                                                                                     | 34 Handbrake lever, co-pilot                                                   |
| 12 Auto-pilot switch row:<br>Doppler engagement<br>No. 1 auto-pilot engage<br>No. 1 damper engage<br>No. 2 damper engage<br>No. 2 auto-pilot engage<br>Height engagement<br>Airspeed engagement<br>Mach number engagement | 35 Auto-pilot datum adjust control                                             |
| 13 Station box, 1st pilot                                                                                                                                                                                                 | 36 Radio altimeter confidence test button                                      |
| 14 Auto-throttle engage switch speed selector knob and power switch                                                                                                                                                       | 37 No. 2 VOR/ILS controller                                                    |
| 15 Brake change-over selector lever                                                                                                                                                                                       | 38 No. 2 VHF controller (comm.)                                                |
| 16 Throttle levers (4)                                                                                                                                                                                                    | 39 Aileron trimmer controls                                                    |
| 17 Tailplane trim levers — System A                                                                                                                                                                                       | 40 No. 2 HF controller                                                         |
| 18 Tailplane trim levers — System B                                                                                                                                                                                       | 41 Rudder trimmer control                                                      |
| 19 Foot heater control                                                                                                                                                                                                    | 42 No. 2 UHF controller                                                        |
| 20 No. 1 HF tuning light                                                                                                                                                                                                  | 43 Dimmer switch, supernumerary chart light                                    |
| 21 Aileron/spoiler disconnect lever                                                                                                                                                                                       | 44 Oxygen mask stowage — supernumerary crew member's                           |
| 22 Speedbrake control lever                                                                                                                                                                                               | 45 Stall protection system dump valve lever                                    |
| 23 Thrust reverser control, No. 1 engine                                                                                                                                                                                  | 46 Intercomm. — R/T switch and intercomm. socket — supernumerary crew member's |
|                                                                                                                                                                                                                           | 47 HF cock levers (4)                                                          |
|                                                                                                                                                                                                                           | 48 Elrat selector lever                                                        |
|                                                                                                                                                                                                                           | 49 Oxygen regulator Mk. 17F, supernumerary crew member's                       |



### 3—1 Fig 8 Pilots' Stations—Forward Roof Panels

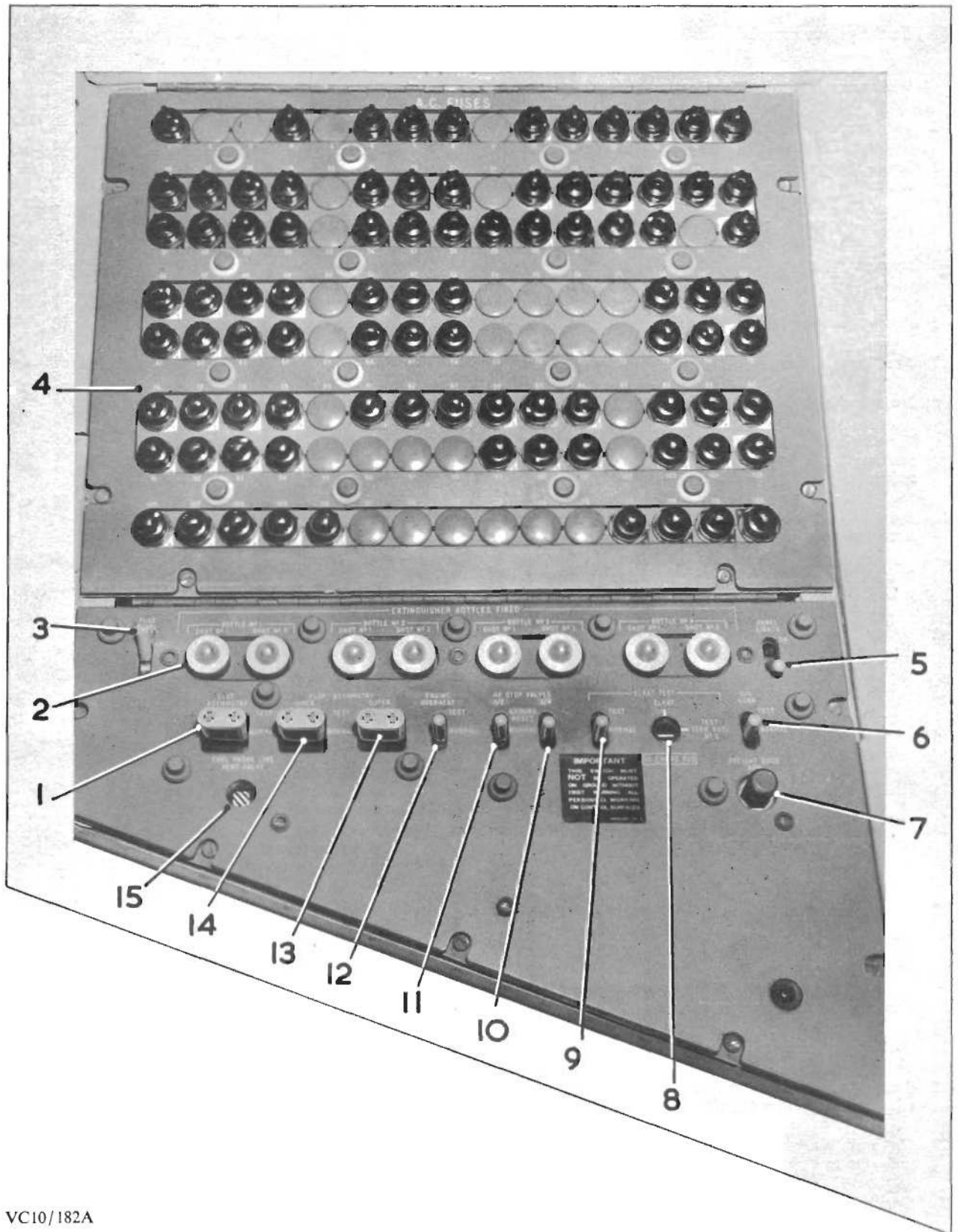
- 1 Dimmer controls, floodlighting (three):
  - 1st pilot's panel—red
  - Centre panel—red
  - Instrument panel—white
- 2 ALM call light
- 3 Dimmer controls (two):
  - 1st pilot's chart light
  - Red dome light
- 4 Hydraulic system changeover selector switch
- 5 Roof lights switch
- 6 Windscreen wiper switches (two):
  - Centre windscreen
  - 1st pilot's windscreen
- 7 Station box, supernumerary crew member's
- 8 Control surface position indicators
- 9 IFF/SSR control unit
- 10 Mach/IAS test switch
- 11 Microphone selector box, supernumerary crew member's
- 12 Selcal selector switches (three)
- 13 Ammeters (four). Pressure head heaters
- 14 Pressure head heater switches (four) and mast heater lights (two)  
(The 1st and 3rd switches from the left also control the stall ident. probe heaters)
- 15 Switches (three):
  - 'No smoking' sign
  - 'Fasten seat belts' sign
  - E2B compass light
- 16 Switches (five):
  - Centre console flood, white
  - Floor lighting
  - Anti-collision beacon lights
  - Navigation lights
  - Co-pilot's chart light dimmer
- 17 Dimmers (three):
  - Centre console
  - Roof panel
  - Co-pilot's panel flood lighting, red
- 18 Windscreen overheat warning lights (three)
- 19 Windscreen heat selection switches
- 20 Windscreen fan switch
- 21 Windscreen heating ammeters (three)
- 22 Windscreen wiper switch co-pilot's windscreen
- 23 Dimmer control, co-pilot's HDI
- 24 Marker switch
- 25 Stall protection system nitrogen LP gauge; valve A and valve B lights; nitrogen LP warning light; system fail light
- 26 Fuel probe light switch
- 27 Stall protection system test switches:
  - Stall identification No 1/No 2 test
  - Stall warning No 1/No 2 test
  - Auto-ignition No 1/No 2 test
- 28 Turn-off lamp switches (two)—left and right
- 29 Landing lamps extend/retract switches (three)
- 30 Landing lamps switches (three); left, nose and right
- 31 Standby E2B compass



3-1 Fig 8 Pilots' Stations - Forward Roof Panels  
◀ (VOR/ILS selector switches deleted) ▶

### 3—1 Fig 9 Flight Engineer's Station—Rear Roof Panel

- |                                                     |                                                                                     |
|-----------------------------------------------------|-------------------------------------------------------------------------------------|
| 1 Slat asymmetry test switch                        | 9 Elrat test switch                                                                 |
| 2 Fire extinguisher bottle fired indicators (eight) | 10 Airframe anti-icing HP stop valves ground reset switch for No 3 and No 4 engines |
| 3 Fuse panel lighting switch                        | 11 Airframe anti-icing HP stop valves ground reset switch for No 1 and No 2 engines |
| 4 AC fuses                                          | 12 Engine overheat warning lights test switch                                       |
| 5 Panel lighting switch                             | 13 Flap asymmetry test switch—outer flaps                                           |
| 6 Undercarriage horn test switch                    | 14 Flap asymmetry test switch—inner flaps                                           |
| 7 Cabin freight door arming switch/warning light    | 15 Fuel probe line vent valve magnetic indicator                                    |
| 8 Elrat magnetic indicator                          |                                                                                     |



VC10/182A

3.1 Fig. 9. Engineer's Station — Rear Roof Panel

### 3.1 Fig. 10. Engineer's Station — Upper Panels

#### (A) Fuel System Panel

- 1 Fuel system pressure gauges (4)
- 2 Fuel temperature gauges (4)
- 3 Inter-engine valve switch, left; magnetic indicator above switch
- 4 Fuel low pressure warning lights (4)
- 5 LP cock switches (4); magnetic indicator to right of switch
- 6 Booster-pump switches, forward (4)
- 7 No. 2 tank contents gauge; test button to left
- 8 No. 1 tank contents gauge; test button to left
- 9 Transfer and flight refuelling valve switches (2); No. 1 and No. 2 tanks; magnetic indicator to right of each switch
- 10 No. 1A/No. 1 tanks fast transfer valve switch; magnetic indicator to right
- 11 No. 1A/No. 1 tanks slow transfer valve switch; magnetic indicator to right
- 12 No. 1A tank flight refuel valve switch; magnetic indicator to right
- 13 Centre tank transfer pump switch, left
- 14 Centre tank flight refuelling valve switches 1 and 2; magnetic indicator between switches
- 15 No. 1A tank contents gauge; test button to left
- 16 Jettison master valve magnetic indicator, left
- 17 Jettison master valve magnetic indicator, fin
- 18 Jettison master valve magnetic indicator, right
- 19 Jettison and transfer valve switches (6) and fin tank jettison valve switch
- 20 Wing tank jettison master switches (5)
- 21 Fuel system minimum temperature gauge
- 22 Centre tank contents gauge with fuel quantity pre-selector; test button to left
- 23 Fin tank No. 1 slow transfer valve switch; magnetic indicator to right
- 24 Trim alert warning light
- 25 Fin tank fuel low level warning light
- 26 Fin tank contents gauge with fuel quantity pre-selector; test button to left
- 27 Fin tank isolate valve switch; magnetic indicator to right
- 28 Fin tank No. 2 fast transfer valve switch; magnetic indicator to right
- 29 Fin tank No. 3 fast transfer valve switch; magnetic indicator to right
- 30 Probe drain pump and valve switch; magnetic indicator to right
- 31 No. 4A tank contents gauge; test button to left
- 32 Centre tank transfer pump switch, right
- 33 Transfer low pressure magnetic indicators (2)
- 34 No. 4A/No. 4 tanks slow transfer valve switch; magnetic indicator to right
- 35 No. 4A tank flight refuel valve switch; magnetic indicator to right
- 36 Fin tank flight refuel valve switch; magnetic indicator to right
- 37 No. 4A/4 tanks fast transfer valve switch; magnetic indicator to right
- 38 Transfer and flight refuelling valve switches (2), No. 3 and No. 4 tanks; magnetic indicator to right of each switch
- 39 No. 4 tank contents gauge; test button to left
- 40 Transfer cross-feed valve switch; magnetic indicator above switch
- 41 No. 3 tank contents gauge; test button to left
- 42 Booster-pump switches, aft (4)
- 43 Inter-engine valve switch, right; magnetic indicator above switch
- 44 Fuel flowmeters (4)
- 45 Clock
- 46 Cross-feed valve and magnetic indicator above switch

#### (B) Electrical Power Panel

- 1 DC voltmeter rotary selector switch
- 2 Non-essential busbar 1 magnetic indicator
- 3 DC voltmeter

*continued*

3.1 Fig. 10. Engineer's Station — Upper Panels — *continued*

**(B) Electrical Power Panel—*continued***

- 4 No. 1 TRU ammeter
- 5 No. 1 TRU switch; power supply magnetic indicator to right
- 6 Ground power light
- 7 CSD oil outlet/generator stator temperature change-over switch
- 8 Ground power breaker switch; magnetic indicator to right
- 9 Split system breaker magnetic indicator
- 10 Bus-tie magnetic indicator, No. 1 generator system
- 11 Bus-tie magnetic indicator, No. 2 generator system
- 12 Frequency control rheostats (4)
- 13 Generator circuit-breakers magnetic indicators (4)
- 14 KW/KVAR meters (4)
- 15 Generator control relay switches (4)
- 16 Low oil pressure warning lights (4)
- 17 CSD oil outlet/generator stator temperature gauges (4)
- 18 Generator drive disconnect switches (4)
- 19 Generator failure warning lights (4)
- 20 Generator control switches (4)
- 21 Elrat light
- 22 No. 3 busbar/auxiliary/Elrat busbar magnetic indicator
- 23 Bus-tie magnetic indicator, No. 4 generator system
- 24 Split system breaker control switch —(SSB)
- 25 AC frequency meter
- 26 Bus-tie magnetic indicator, No. 3 generator system
- 27 KW/KVAR change-over switch
- 28 AC voltmeter
- 29 Frequency and voltage selector switch
- 30 No. 2 TRU power supply magnetic indicator; No. 2 TRU switch to left
- 31 No. 2 battery ammeter

- 32 No. 2 TRU ammeter
- 33 Stand-by TRU power supply magnetic indicator
- 34 Non-essential busbar 2 magnetic indicator
- 35 No. 2 DC supply failure warning light
- 36 Galley load switches (4)
- 37 No. 2 battery switch; magnetic indicator to right
- 38 Stand-by TRU output indicator to No. 2 system
- 39 Stand-by TRU selector switch
- 40 Stand-by TRU ammeter
- 41 Stand-by TRU output indicator to No. 1 system
- 42 No. 1 battery ammeter
- 43 No. 1 DC supply failure warning light
- 44 No. 1 battery switch; magnetic indicator to right

**(C) Air Conditioning Panel**

- 1 Thrust augments (forward) switch
- 2 Discharge valve (aft) magnetic indicator
- 3 Discharge valve (forward) magnetic indicator
- 4 Discharge valve switch (forward)
- 5 Discharge valve switch (aft)
- 6 Left temperature control switch
- 7 Left temperature selector
- 8 Flight deck/passenger cabin temperature change-over switch
- 9 Passenger cabin duct temperature gauge; flight deck temperature gauge to right
- 10 Refrigeration master switch, left; similar for right system
- 11 Refrigeration fail light, left; similar for right system
- 12 Louvre fan switch, ~~left, similar for right system~~ AL13
- 13 Recirculation fan switch, left
- 14 Choke valve indicator, left; similar for right system

*continued overleaf*

### 3.1 Fig. 10. Engineer's Station — Upper Panels — *continued*

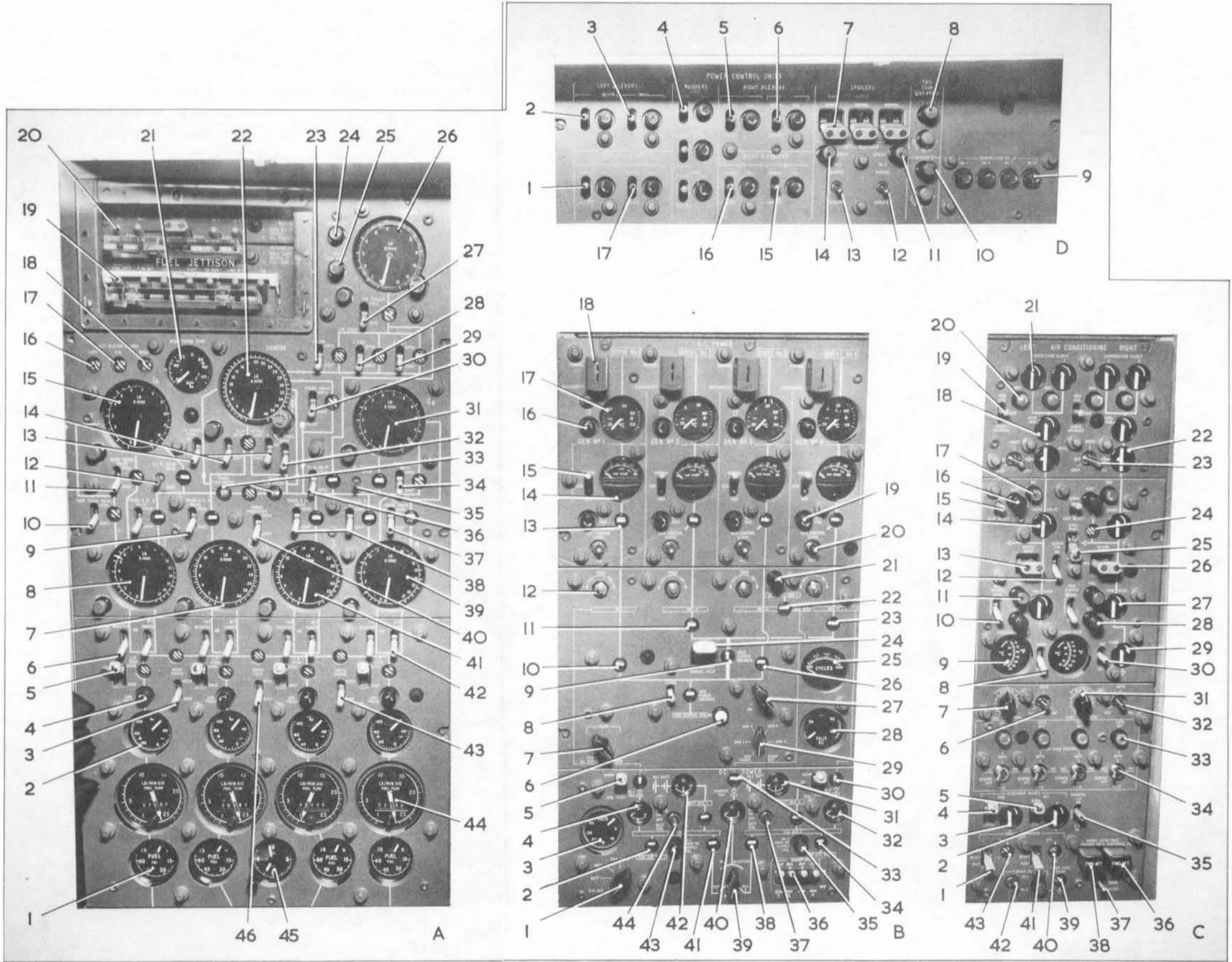
#### (C) Air Conditioning Panel — *continued*

- 15 Overheat reset switch, left; similar for right system
- 16 Overheat warning light, left; similar for right system
- 17 Cabin supply 6 in. non-return valve warning light, left; similar NRV light for right system
- 18 Cooling modulation valve indicator, left; similar for right system
- 19 Cooling modulation valve control switch, left; similar for right system
- 20 Compressor 4 in. non-return valve warning lights (4)
- 21 Compressor slide indicators (4)
- 22 Spill valve indicator, right; similar indicator for left system
- 23 Spill valve switch, right; similar switch for left system
- 24 Unpressurised vent valve magnetic indicator
- 25 Unpressurised vent valve switch
- 26 Recirculation fan switch, right
- 27 Refrigeration demand indicator, right; similar for left system
- 28 Overheat warning light, right; similar for left system
- 29 Flight deck flow balance indicator
- 30 Flight deck flow balance switch
- 31 Right temperature selector
- 32 Right temperature control switch
- 33 Mass flow control warning lights (4)
- 34 Mass flow control switches (4)
- 35 Humidifier control switch
- 36 Smoke detector warning lights, discharge valves — forward and aft
- 37 Smoke detection system test and reset switch
- 38 Smoke detector warning lights, freight bays — forward and aft

- 39 Radio cooling valve position indicator
- 40 Thrust augments (aft) magnetic indicator
- 41 Thrust augments (aft) switch
- 42 Change-over switch for radio rack cooling fans; warning light to right
- 43 Thrust augments (forward) magnetic indicator

#### (D) Flight Controls Panel

- 1 Left outer elevator PCU switch and failure warning light
- 2 Left outer aileron PCU switch and failure warning light
- 3 Left inner aileron PCU switch and failure warning light
- 4 Rudders, upper, middle, lower PCU switches (3) and failure warning lights (3)
- 5 Right inner aileron PCU switch and failure warning light
- 6 Right outer aileron PCU switch and failure warning light
- 7 Spoiler switches
- 8 Tailplane trim overrun warning light and re-arm button — System A
- 9 Air conditioning compressor LP warning lights (4) (inoperative)
- 10 Tailplane trim overrun warning light and re-arm button — System B
- 11 Feel simulator No. 2 pump overheat warning light
- 12 Feel simulator No. 2 pump motor switch
- 13 Feel simulator No. 1 pump motor switch
- 14 Feel simulator No. 1 pump overheat warning light
- 15 Right outer elevator PCU switch and failure warning light
- 16 Right inner elevator PCU switch and failure warning light
- 17 Left inner elevator PCU switch and failure warning light



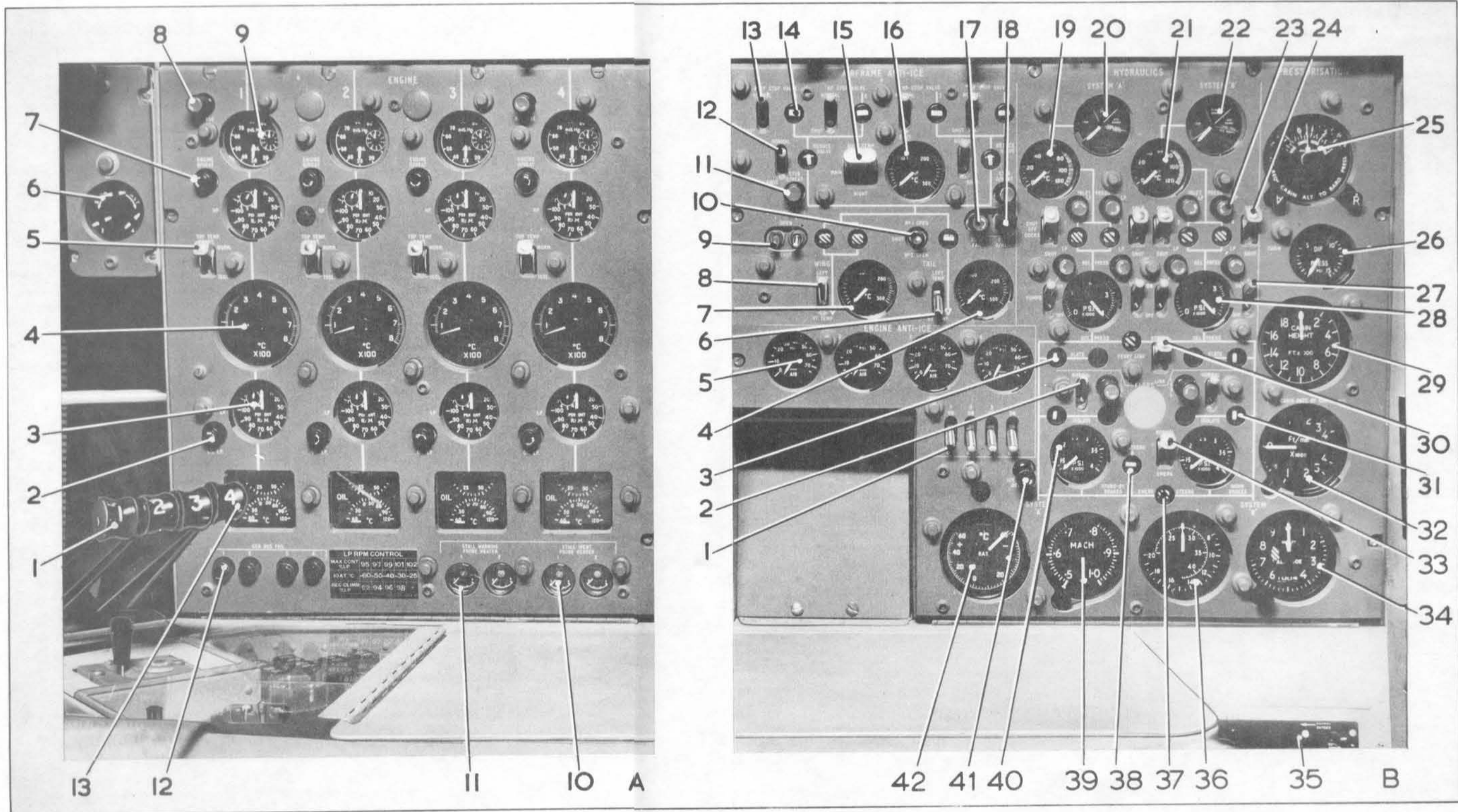
### 3—1 Fig 11 Flight Engineer's Station—Lower Panels

#### (A) Engine Panel

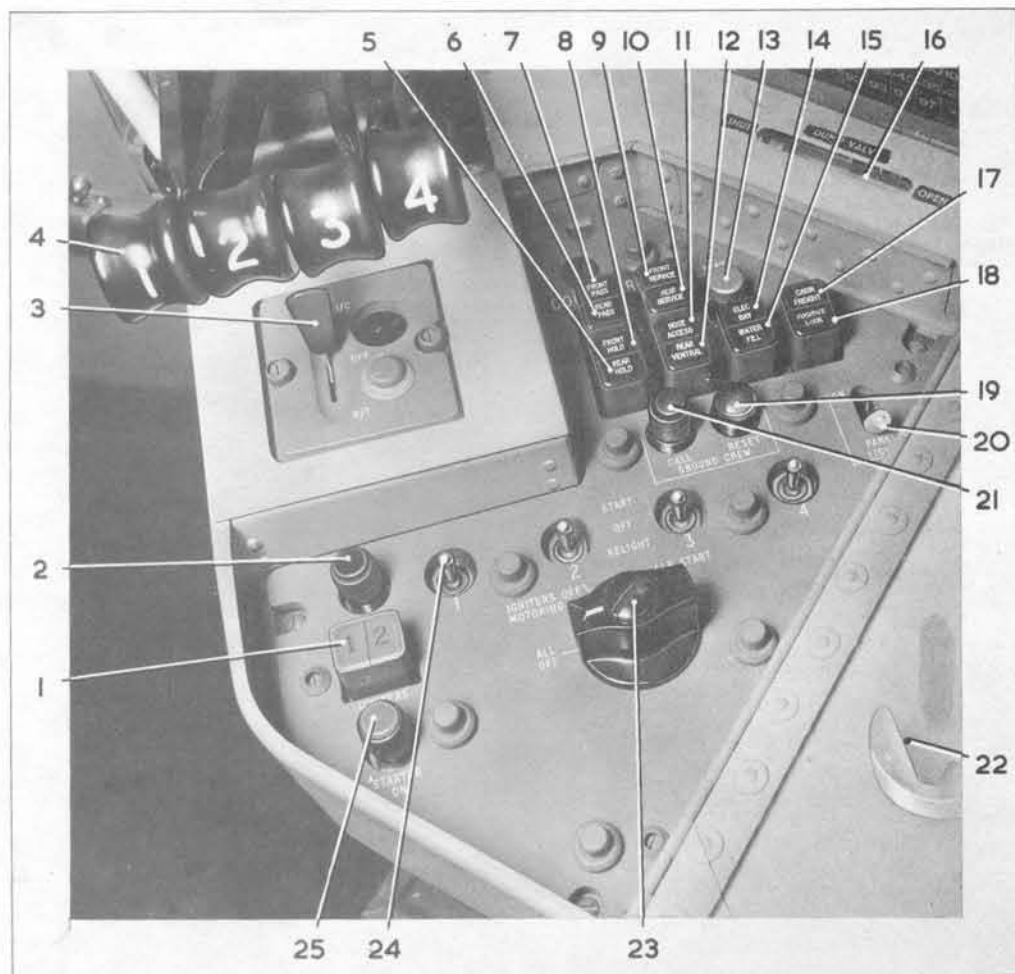
- 1 Throttle levers (four)
- 2 Oil low pressure warning lights (four)
- 3 LP-RPM indicators (four)
- 4 EGT gauges (four)
- 5 Top temperature control switches (four)
- 6 Synchroscope
- 7 Engine overheat warning lights (four)
- 8 Reverse indicator light No 1 engine; similar for No 4 engine
- 9 Engine absolute (P7) pressure gauges (four)
- 10 Stall identification probe heater ammeters (two)
- 11 Stall warning probe heater ammeters (two)
- 12 Generator busbar failure warning lights (four)
- 13 Dual oil pressure and temperature gauges (four)

#### (B) Airframe and Engine Anti-icing, Hydraulic, Pressurisation and Flight Instrument Panels

- 1 Engine anti-icing switches (four)
- 2 Flaps normal/isolate switch System A; flaps isolated warning light adjacent; similar for System B
- 3 Slat isolate indicator, System A; similar for System B: slat position magnetic indicator adjacent in each case
- 4 Airframe anti-icing temperature gauge—tailplane
- 5 Engine anti-icing air pressure gauges (four)
- 6 Tailplane temperature selector switch, left and right
- 7 Airframe anti-icing temperature gauge—wing
- 8 Wing temperature selector switch, left and right
- 9 Left and right wing actuator switches (two); wing stop valve magnetic indicators (two) adjacent
- 10 Left and right tailplane stop valve selector switch; magnetic indicator adjacent
- 11 Stub overheat warning light; similar for other side
- 12 Pressure reducing valve switch; indicator adjacent; similar for other side
- 13 HP stop valve switches (four)
- 14 HP stop valve magnetic indicators (four)
- 15 Duct temperature reading selector switch
- 16 Duct temperature gauge
- 17 Duct failure warning light
- 18 Duct overheat warning light
- 19 Hydraulic fluid temperature gauge—System A
- 20 Hydraulic fluid contents gauge—System A
- 21 Hydraulic fluid temperature gauge—System B
- 22 Hydraulic fluid contents gauge—System B
- 23 Inlet pressure LP warning lights (four)
- 24 Hydraulic shut-off cock switches (four); magnetic indicators (four) between switches
- 25 Cabin pressure selector
- 26 Cabin differential pressure gauge
- 27 Hydraulic pump switches (four)
- 28 Hydraulic pressure gauges (two); delivery LP warning lights (four), two above each gauge
- 29 Cabin altimeter
- 30 Ferry link switch; indicator to left
- 31 Flap isolate indicator, System B; similar for System A—flap selector valve magnetic indicator adjacent in each case
- 32 Cabin rate of climb indicator
- 33 Nosewheel emergency steering selector switch
- 34 Altimeter
- 35 Oxygen regulator Mk 17F, engineer's
- 36 Airspeed indicator
- 37 Nosewheel emergency steering, hydraulic supply magnetic indicator
- 38 Nosewheel steering, hydraulic supply magnetic indicator
- 39 Machmeter
- 40 Standby wheelbrakes and normal wheelbrakes pressure available gauges (two)
- 41 Ice detector warning light
- 42 Outside air temperature gauge



3-1 Fig 11 Engineer's Station - Lower Panels  
◀(Oxygen heater control and light deleted)▶

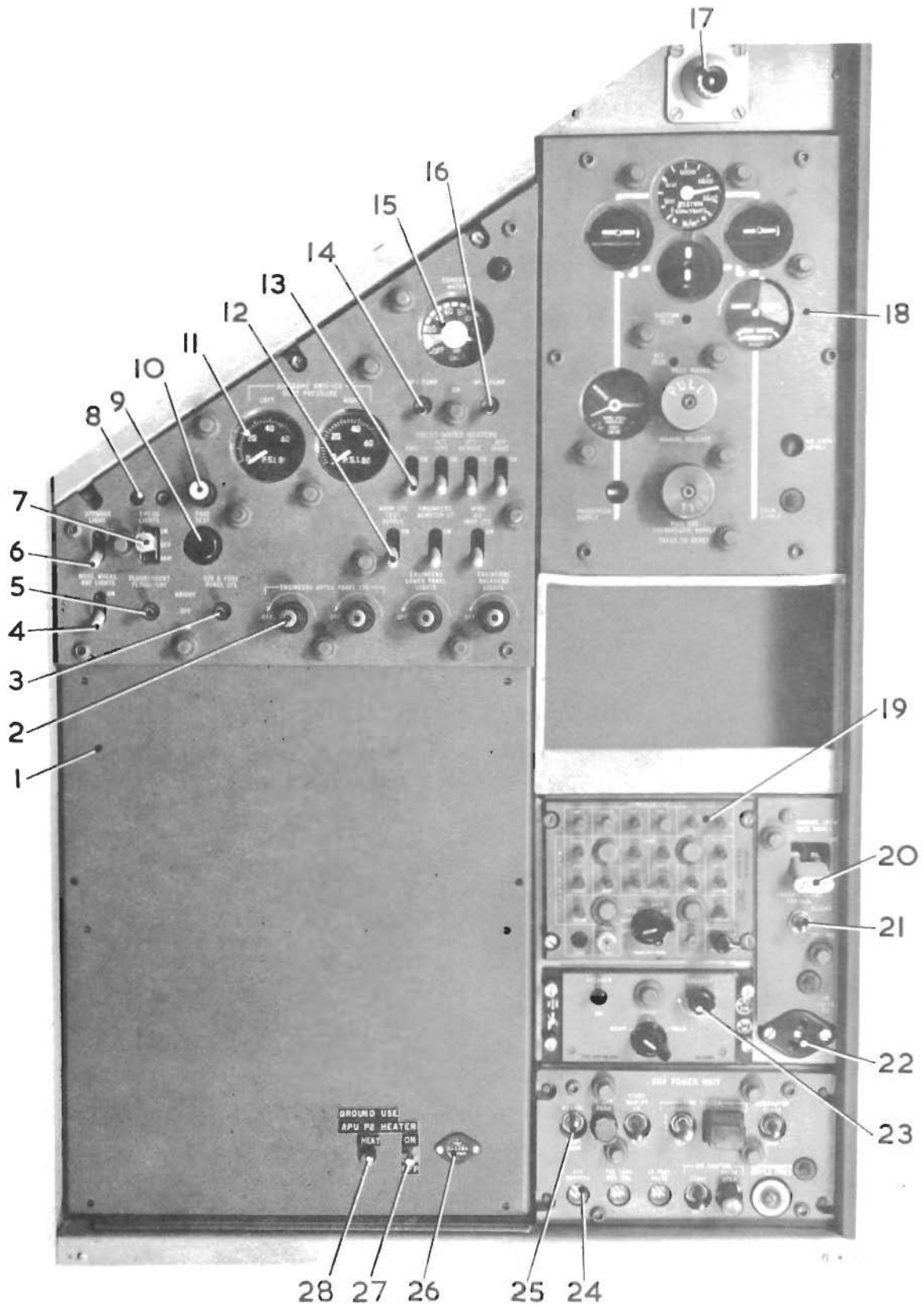


3-1 Fig 12 Engineer's Station—Forward End of Table

- |                                             |                                                                 |
|---------------------------------------------|-----------------------------------------------------------------|
| 1 Igniters operating lights (two) (amber)   | 14 Equipment bay access panel indicator                         |
| 2 LP shaft rotation light (green)           | 15 Water filling and ground conditioning access panel indicator |
| 3 Intercom/R/T switch and intercom socket   | 16 Cabin pressurisation dump valve position indicator           |
| 4 Throttle levers (four)                    | 17 Cabin freight door indicator                                 |
| 5 Aft freight hold door indicator           | 18 Cabin freight door circuit arming indicator                  |
| 6 Aft passenger entrance door indicator     | 19 Call ground crew reset button                                |
| 7 Forward passenger entrance door indicator | 20 Panel lighting switch                                        |
| 8 Forward freight hold door indicator       | 21 Call ground crew button                                      |
| 9 Forward service door indicator            | 22 Plastic cover for starting panel                             |
| 10 Aft service door indicator               | 23 Engine start master selector switch                          |
| 11 Forward access panel indicator           | 24 Engine start switches (four)                                 |
| 12 Aft freight hold ventral hatch indicator | 25 Starter on light (amber)                                     |
| 13 Doors warning indicator test switch      |                                                                 |

3-1 Fig 13 Engineer's Station—Rear Bulkhead Panel

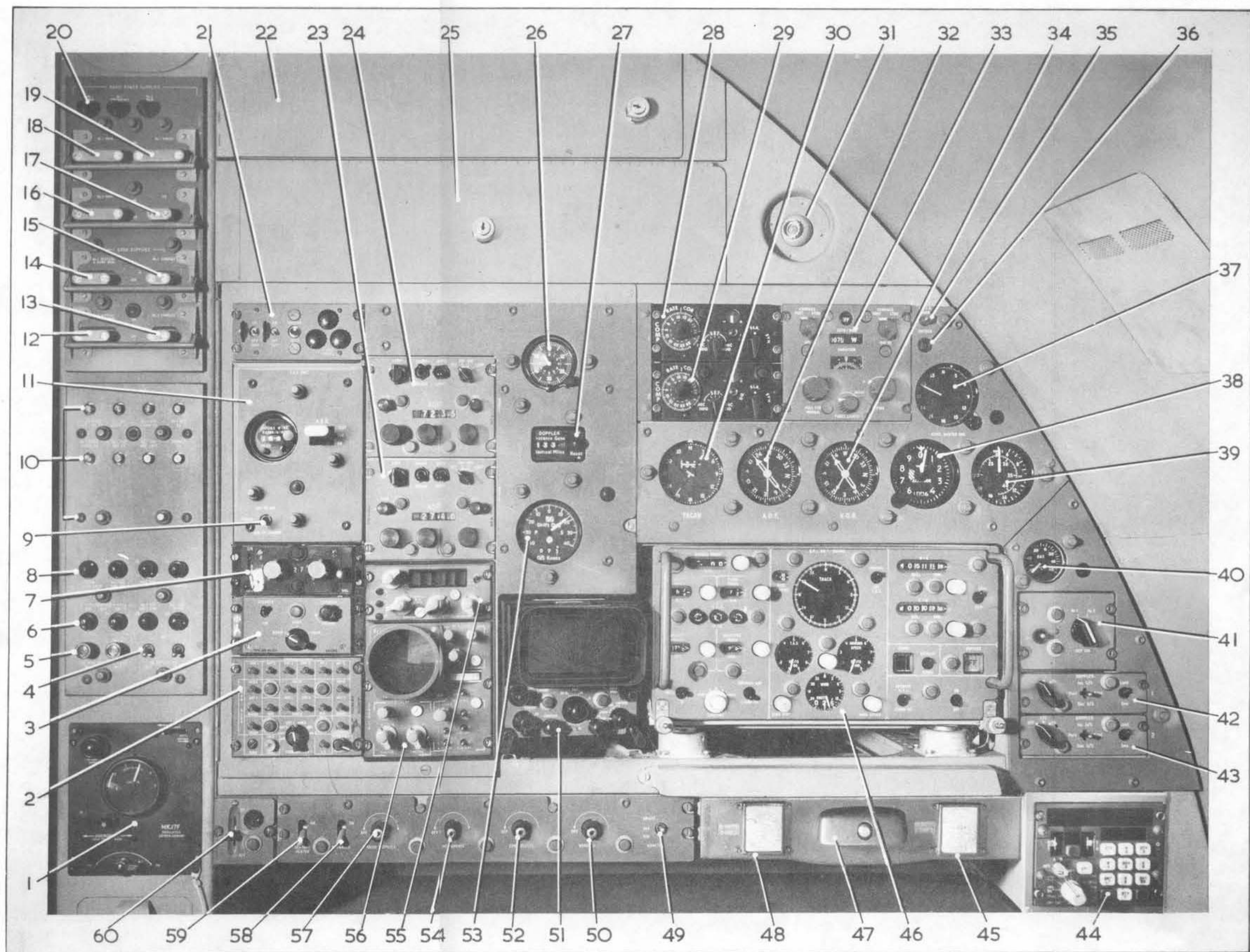
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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 Space for bottled oxygen supply pressure gauges (two)                                                                                                                                                                                                                                                                                                                                                         | 19 Station box—engineer's                                                                                                                                                                                                                                                                    |
| 2 Dimmer controls:<br>Engineer's upper panel lights (two)<br>Engineer's lower panel lights<br>Engineer's bulkhead panel lights                                                                                                                                                                                                                                                                                  | 20 Ground crew jackboxes control switch                                                                                                                                                                                                                                                      |
| 3 Circuit breaker and fuse panel lights switch                                                                                                                                                                                                                                                                                                                                                                  | 21 Ground/flight switch                                                                                                                                                                                                                                                                      |
| 4 Fluorescent flood light switch                                                                                                                                                                                                                                                                                                                                                                                | 22 28-volt DC supply socket                                                                                                                                                                                                                                                                  |
| 5 Nosewheel bay lights switch                                                                                                                                                                                                                                                                                                                                                                                   | 23 Microphone selector box, engineer's                                                                                                                                                                                                                                                       |
| 6 Stowage light switch                                                                                                                                                                                                                                                                                                                                                                                          | 24 APU control panel—lower switch/indicator row:<br>APU running indicator<br>Fin tank ground isolation magnetic indicator<br>LP fuel valve magnetic indicator<br>Main engines air control start switch<br>Main engines air control warning light<br>Fire extinguisher bottle-fired indicator |
| 7 Emergency lighting switch                                                                                                                                                                                                                                                                                                                                                                                     | 25 APU control panel—upper switch/indicator row:<br>Shut-down control switch<br>Start push switch/light<br>Start master switch<br>Fire extinguisher switch<br>Fire warning light<br>APU generator control switch                                                                             |
| 8 Test point—emergency lighting batteries                                                                                                                                                                                                                                                                                                                                                                       | 26 APU elapsed time indicator                                                                                                                                                                                                                                                                |
| 9 Fuse test socket                                                                                                                                                                                                                                                                                                                                                                                              | 27 APU P2 heater control switch (ground use)                                                                                                                                                                                                                                                 |
| 10 Fuse test light                                                                                                                                                                                                                                                                                                                                                                                              | 28 APU P2 heater warning light                                                                                                                                                                                                                                                               |
| 11 Airframe anti-icing duct pressure gauges left and right (two)                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                              |
| 12 Switch row:<br>Warning lights test supply<br>Engineer's work-top light<br>Wing ice inspection lights                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                              |
| 13 Toilet water heater switches (four)                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                              |
| 14 No 1 water pump control switch                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                              |
| 15 Water system contents gauge                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                              |
| 16 No 2 water pump control switch                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                              |
| 17 Air supply louvre                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                              |
| 18 Oxygen panel:<br>Contents gauge<br>Crew shut-off valve<br>Passenger shut-off valve<br>Interconnecting valve<br>Suction test point<br>Altitude test point<br>Crew supply pressure gauge<br>Ring main pressure gauge<br>Manual release control for passenger masks (red)<br>Therapeutic supply control knob (green)<br>Engineer's supply remote flow magnetic indicator<br>Passenger supply magnetic indicator |                                                                                                                                                                                                                                                                                              |



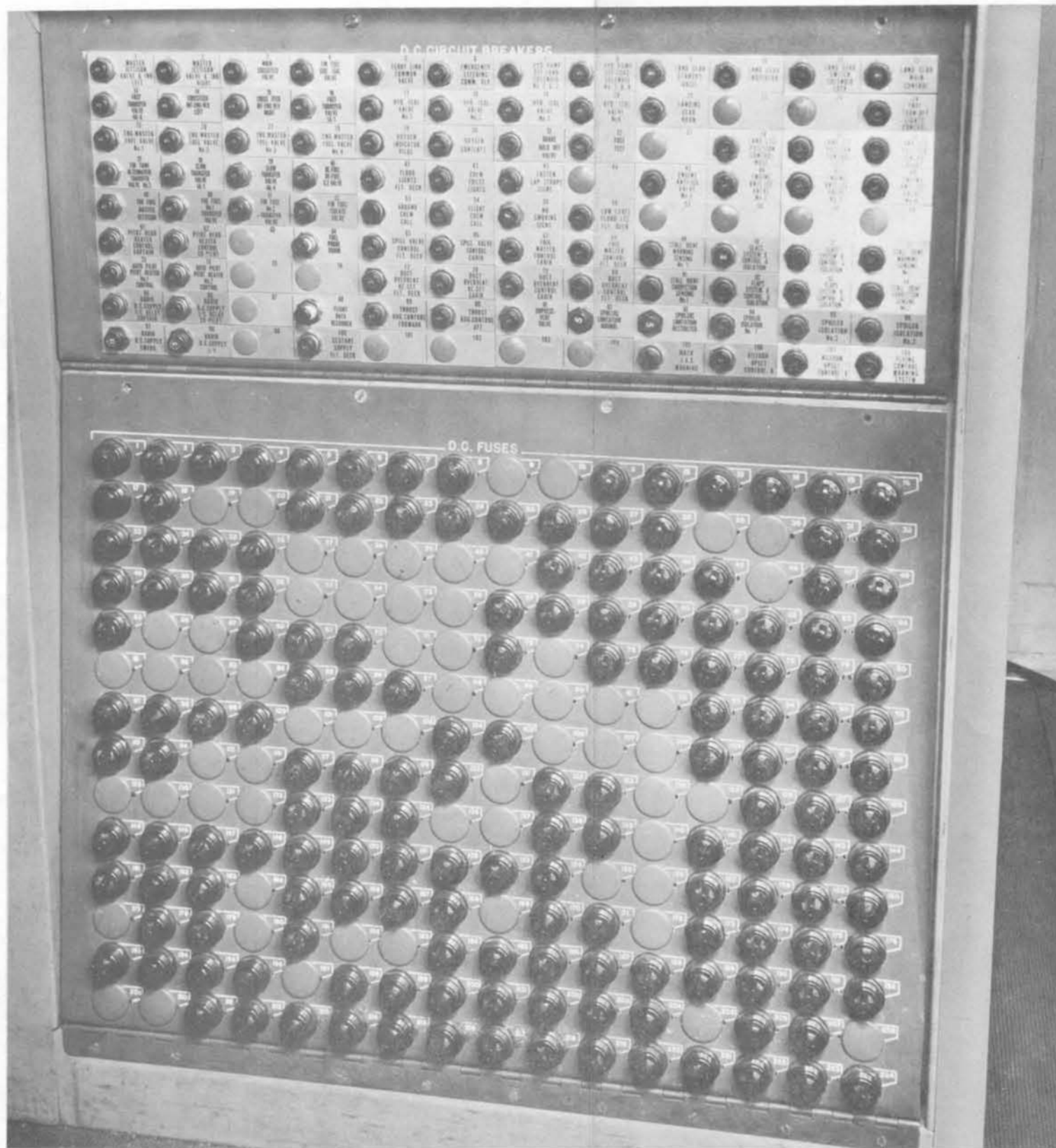
3-1 Fig 13 Engineer's Station - Rear Bulkhead Panel  
◀(APU P2 heater control and light included)▶

### 3—1 Fig 14 Navigator's Station—Navigator's Panel

- |                                                                                             |                                             |
|---------------------------------------------------------------------------------------------|---------------------------------------------|
| 1 Oxygen regulator Mk. 17F, navigator's<br>(Mask stowage under)                             | 30 TACAN indicator                          |
| 2 Station box, navigator's                                                                  | 31 Air supplies louvre                      |
| 3 Microphone selector box, navigator's                                                      | 32 ADF RMI                                  |
| 4 PA amplifier switches No 1 and No 2 (two)                                                 | 33 Automatic compass variation controller   |
| 5 HF ATU pressure lights No 1 and No 2 (two)                                                | 34 VOR RMI                                  |
| 6 Compass fuses (two); flight instruments amplifier fuse; No 1<br>instrument transformer    | 35 ACVU warning light                       |
| 7 TACAN controller                                                                          | 36 Oxygen remote flow magnetic indicator    |
| 8 Emergency supplies light fuse; No 1 VHF nav fuse; No 1 VHF<br>com fuse; No 1 VHF com fuse | 37 Compass master indicator                 |
| 9 TACAN air-to-air/air-to-ground switch                                                     | 38 Altimeter                                |
| 10 Fuse panel                                                                               | 39 Airspeed indicator                       |
| 11 Air data recorder indicator and control switch                                           | 40 Outside air temperature gauge            |
| 12 No 2 vertical gyro and comparison monitor gyro supplies switch                           | 41 Doppler change over control unit         |
| 13 No 2 compass—gyro supplies switch                                                        | 42 No 1 Doppler controller                  |
| 14 No 1 vertical gyro and comparison monitor gyro supplies switch                           | 43 No 2 Doppler controller                  |
| 15 No 1 compass—gyro supplies switch                                                        | 44 Omega control display unit               |
| 16 No 2 main radio power supplies switch                                                    | 45 Remote compass 2 correction card holder  |
| 17 Intercom. power supplies switch                                                          | 46 GPI control panel                        |
| 18 No 1 main radio power supplies switch                                                    | 47 Drawer handle—fitted with anti-g lock    |
| 19 No 1 emergency radio power supplies switch                                               | 48 Remote compass 1 correction card holder  |
| 20 No 1, No 1 emergency and No 2 radio power supplies failure<br>warning lights (three)     | 49 Work-top light switch                    |
| 21 TAS unit control box                                                                     | 50 Dimmer—work-top light                    |
| 22 Stowage                                                                                  | 51 Weather radar indicator and controller   |
| 23 ADF 1 controller                                                                         | 52 Dimmer—controllers                       |
| 24 ADF 2 controller                                                                         | 53 Doppler ground speed and drift indicator |
| 25 Stowage                                                                                  | 54 Dimmer—instruments                       |
| 26 Time elapsed clock                                                                       | 55 Loran read-out unit                      |
| 27 Doppler distance gone indicator                                                          | 56 Loran CRT                                |
| 28 No 1 compass controller                                                                  | 57 Dimmer—radio supplies                    |
| 29 No 2 compass controller                                                                  | 58 Stowages lighting switch                 |
|                                                                                             | 59 Sextant heater switch                    |
|                                                                                             | 60 Intercom—R/T switch and intercom socket  |



3-1 Fig 14 Navigator's Station - Navigator's Panel  
◀ (Omega control display unit included) ▶



◀3-1 Fig 15 Engineer's Station — DC Circuit Breaker and Fuse Panels ▶

VC10/188A



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