F.S./1

Chapter 1

PILOTS' CONTROLS AND EQUIPMENT

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ADDENDUM 1, PHASE 1

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Pilots' panels (port, centre and emergency)	1A
Pilot's panels (starboard)	2A
Canopy control panel	3A

ADDENDUM 2, PHASE 2

	Fig.
Canopy control panel	1B
Port pilot's panel	2B
Pilots' panels (centre and emergency)	3B
Pilot's panel (starboard)	4B

Introduction

1. This chapter gives a general guide to the location of the equipment, controls and instruments in the pilots' cockpit and briefly mentions their function and operation where necessary. Capital letters are used in the various illustration keys to denote actual control instruction markings.

2. Accommodation is provided in the cockpit for first and second pilots with duplication of controls as necessary. Access to the pilots' stations is through the main door in the fuselage rear centre section. The seats are mounted on raised platforms at each side of the cockpit. Each pilot has a Z-type harness, with a release handle fitted on the inboard arm of each seat to allow the harness to be slackened sufficiently to give necessary free movement. An automatic pilot controller is also situated on the inboard arm of the first pilot's seat and a map stowage is secured to the inboard edge of the first pilot's floor.

CANOPY WINDOWS

3. Two sliding windows at the sides of the cockpit may be opened by pushing the handles forward to release the catches and sliding the windows backwards. A direct vision panel at each side of the windscreen is hinged at its upper edge and is secured in the closed position by a swivelling quick release fastener which is released by unscrewing the rubber handwheel and pulling the fastener downward. A catch is fitted in the canopy to hold the panel fully open.

DRY-AIR SANDWICH WINDSCREEN

4. The windscreen is divided into three panels. The two outer frames are fitted with dry-air sandwich panels, made up of two sheets of safety glass with a circulating air space between; the central frame is fitted with a windscreen of sandwich construction having vinyl sheet reinforcement. The dry-air system is described in Sect.3, Chap.9.

PANEL LIGHTING

5. Normal illumination for the pilots panel is provided by red general lamps and ultra violet lighting is provided for use in conjunction with the fluorescent blind-flying instruments. Dimmer switches are located and illustrated in fig.3.

PASS CORRECTION CARD STOWAGES

A stowage for the P.12 compass tion card is provided in the form of a t attached to the soundproofing, liately aft of the trim tab gearbox. A r for a G4B compass correction card ted to the after space of each control n.

FUEL SYSTEM OPERATION

Whilst the supply of fuel from dual tanks is controlled by the flight er, the pilot has control of four r fuel cock switches situated at the the centre portion of the instrument (fig.1).

RUDDER PEDAL ADJUSTMENT

An adjustment of reach is provided ch rudder pedal assembly in the form manually operated knob (Sect.3, 4).

BRAKE PARKING LEVER

The control, situated on the extreme ide of the first pilot's panel, is used intain application of the brakes when g the aircraft.

RUDDER LOCKING

A double quadrant-type lever is d in a forward position on the port engine control pedestal (fig.4). By g the lever towards him, the pilot is to effect two control locking ions:-

At the forward end of the fuselage push-pull system. This locks the rudder pedals.

At both rudders, where locking pins are inserted into corresponding sockets on the leading edges of each rudder. When the lever is moved fully forward, the locking is removed and normal control of the rudders is obtained. As a safety precaution and to prevent a take-off being attempted with locked controls, the locking lever restricts the movement of the throttle levers and allows only sufficient throttle opening for taxying and ground manoeuvering.

WARNING . . .

If the locking lever does not move forward easily after release from the catch at the locked position, do not use force, but ensure that the aileron and elevator locking pins have been removed. If any force is still required, make a thorough check of the locking system for fouling at any point. Use of undue force when applying the rudder lock will also cause damage to the system. It must be noted that the locking bolts at the fin posts will not enter the bolt holes in the rudder leading edges unless both are coincident, (i.e., the rudders are centralised). It is, therefore, necessary to centralise the rudders before applying the lock. This is best achieved by using the following procedure:-

(3) To apply the rudder lock, place both feet on the rudder pedals and observe the locking bolt at the forward end of the rudder-operating push-pull system. Move the rudder pedals until the hole for this bolt is directly under the bolt. To assist in this operation, gently pull the rudder locking control back until the bolt is nearly engaged. Further gentle application of the lock should then result in the lever moving right back easily. If, when completing the locking, immediate increase of resistance to moving the locking control lever right back is felt, slowly oscillate the rudder pedals, keeping a gentle backward pull on the lever until the rudder bolts are felt to enter.

(4) The necessity for this final movement of the rudder pedals is due to the rudders being connected to the controls by torsion bars, which can allow them to be out of line with the controls when, for example, the aircraft is cross wind. If it is found that the forward bolt enters the push-pull rod before the fin bolts are due to enter the rudder leading edges, the rudder pedals will be locked before the movement can be effected. In this case, the system must be regarded as unserviceable and the action of the forward bolt must be retarded by adjustment, (Sect.3, Chap.4) to permit the above routine to be followed.

AILERON AND ELEVATOR LOCKS

11. These controls can only be locked after the rudders have been locked (Sect.2, Chap.1 and Sect.3, Chap.4) and the rudders cannot be unlocked until the manually inserted pins locking the ailerons and elevators have been removed. Consequently, the aircraft cannot take-off with locked controls. A label, secured to the cross bar of the rudder locking lever, is inscribed:- CAUTION - CHECK THAT THE ELEVATOR AND AILERON LOCKING PINS ARE OUT BEFORE RELEASING RUDDER LOCK.

TAXYING WITH RUDDERS LOCKED

12. The previously described pilot-operated rudder locking is provided to eliminate the possibility of damage to the rudders when taxying in strong winds, steering then being effected by use of the engines and brakes.

FIRST PILOT'S OXYGEN POINT

13. This is located forward of the first pilot's engine control pedestal (fig.4) and is supplied direct from the oxygen manifold. The pilot has therefore, to observe the oxygen regulator gauge readings on the main panel to check the flow of oxygen.

KEY TO FIG. 1

(ENGINE CONTROLS AND INSTRUMENTS)

STARTING RUNNING AND STOPPING

4 THROTTLE CONTROL LEVERS (4)

3 THROTTLE CONTROL LEVER LOCK
Lever up—ON
Lever down—OFF

5 IGNITION SWITCHES (8)
Two sets of 4—switches of each set operate independently, or in unison by using bridge plate

10 BOOST GAUGES (4)

6 ENGINE R.P.M. INDICATORS (4)

9 ENGINE SYNCHROSCOPE (Mod 362)

PROPELLERS

2 PROPELLER CONTROL LEVERS (4)
Lever up—INCREASE R.P.M.
Lever down—DECREASE R.P.M.

1 PROPELLER CONTROL LEVER LOCK
Lever up—ON
Lever down—OFF

8 FEATHERING PUSH-BUTTONS (4)

MISCELLANEOUS

7 ENGINE MASTER FUEL COCK SWITCHES (4)
Lever up—ON (open)

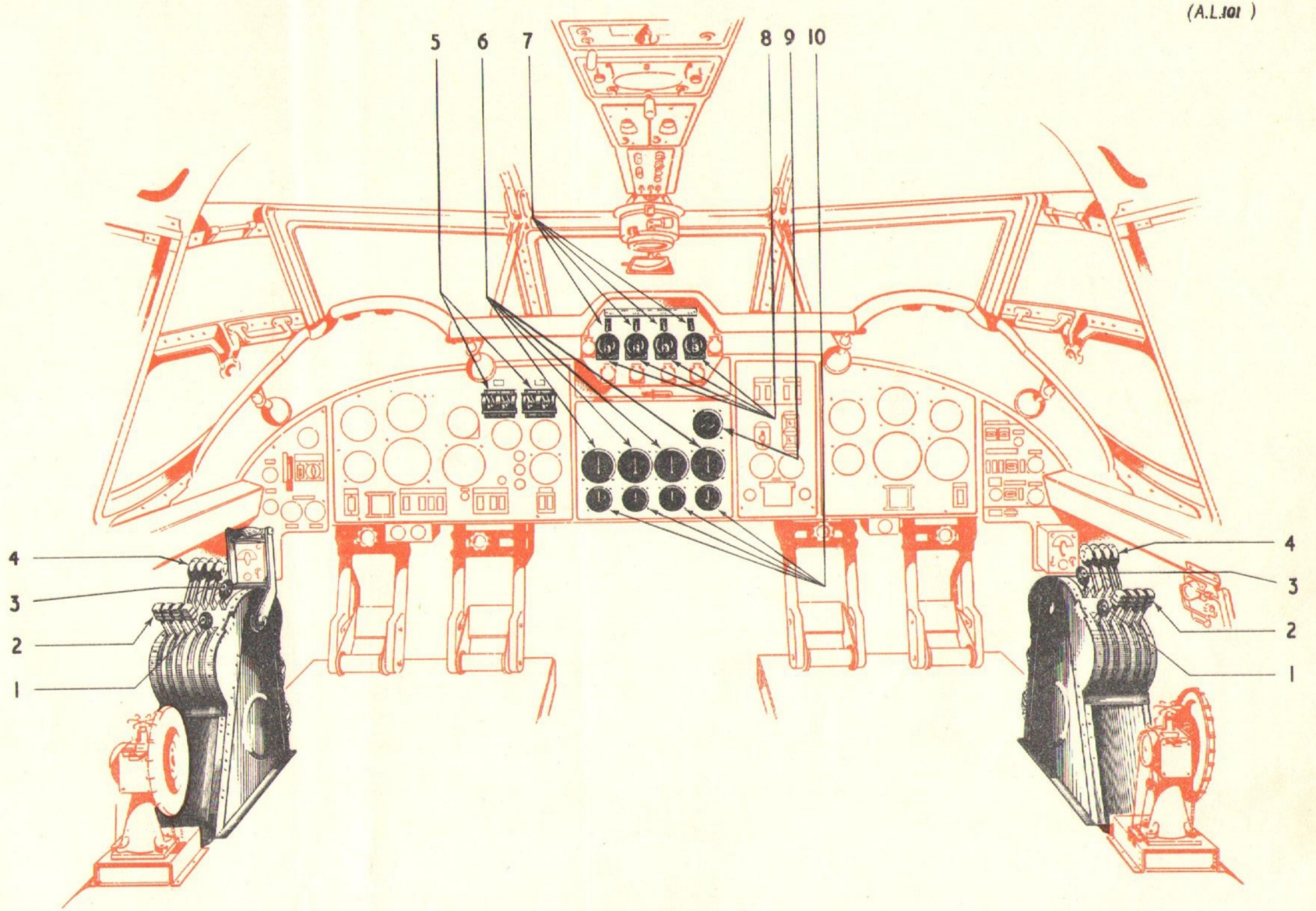

FIG. I. ENGINE CONTROLS AND INSTRUMENTS

(A.L.101, Sept. 57)

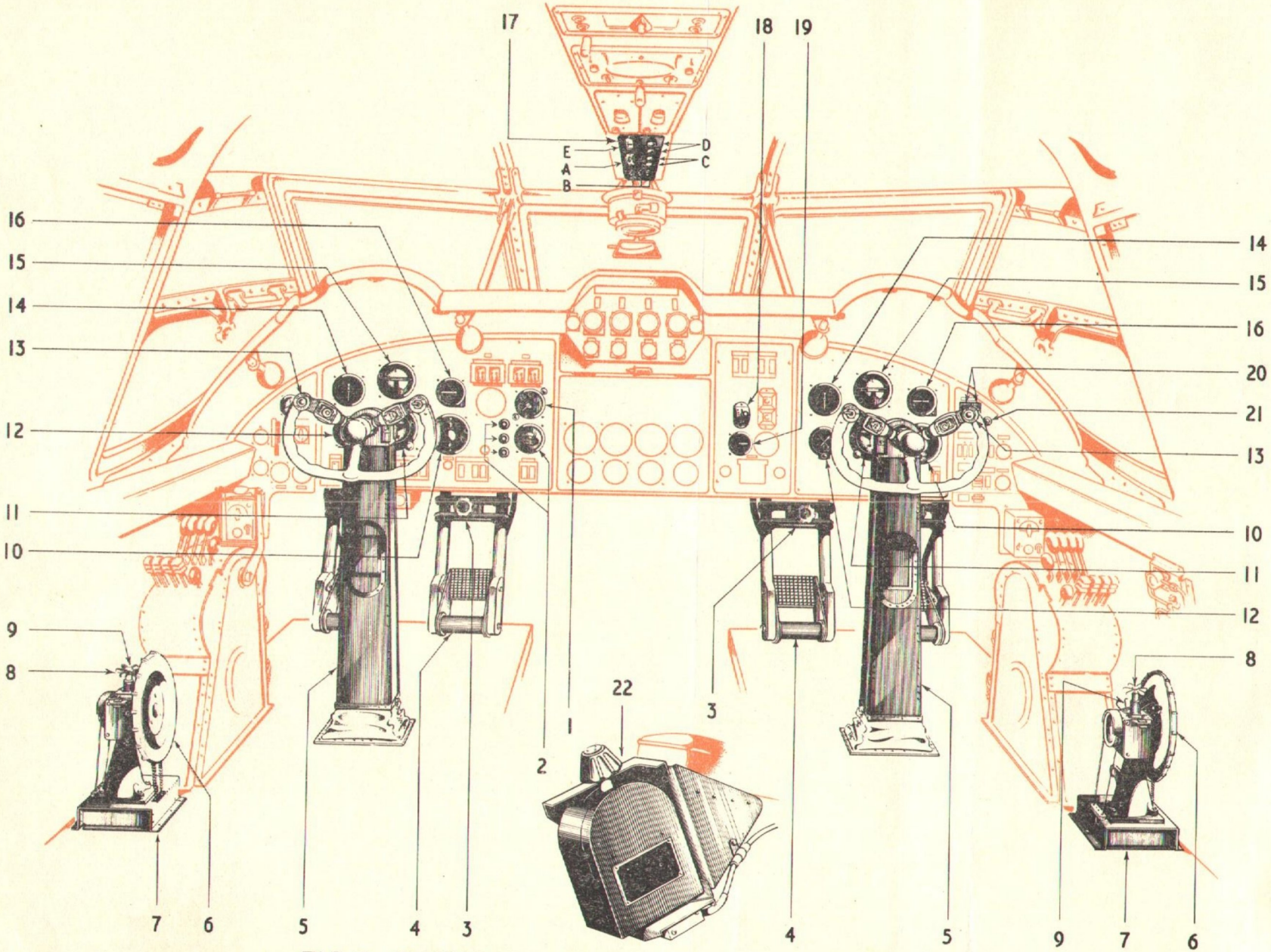

FIG.2. FLYING CONTROLS AND INSTRUMENTS

Dmd. 7253 240753 500 1/58 AB 979/3 1643

KEY TO FIG. 4

(OPERATIONAL AND MISCELLANEOUS CONTROLS AND INSTRUMENTS)

OPERATIONAL CONTROLS

13 FLARE RELEASE PUSH-BUTTON

14 BOMB RELEASE PUSH-BUTTON
Operation releases single bombs or sticks of bombs fused and selected by air bomber

18 ILLUMINATOR FLARE SWITCHES—FIRST PILOT

29 ILLUMINATOR FLARE SWITCHES—SECOND PILOT
Port switch—START
Starboard switch—STOP

21 FLARE CHUTE RELEASE SWITCH

22 FLARE CHUTE DOORS "OPEN" INDICATOR

23 FLARE CHUTE DOORS SWITCH

32 BOMB DOOR INDICATOR

33 BOMB DOOR SWITCH WITH COVER—inscribed :—
THIS COVER TO BE IN POSITION WHEN LIFEBOAT IS CARRIED
Up—CLOSED
Down—OPEN

36 SCANNER "UP" INDICATOR LAMP (GREEN)

BRAKES—PNEUMATICALLY OPERATED

6 RUDDER PEDALS WITH FOOT-OPERATED BRAKE PEDALS

7 PNEUMATIC SYSTEM PRESSURE GAUGES

10 BRAKE SYSTEM PARKING LEVER
Up—ON

EMERGENCY

3 I.F.F. DISTRESS SWITCH

5 "ABANDON AIRCRAFT" ALARM SWITCH

19 LIFEBOAT RELEASE SWITCH (A.S.R. role)

20 EMERGENCY CALL LAMP

24 FUEL TANK FIRE EXTINGUISHER—PORT
Covered by hinged shield

25 FIRE WARNING LAMPS (4)
Incorporated in feathering switches

26 FUEL TANK FIRE EXTINGUISHER—STARBOARD
Covered by hinged shield

27 ENGINE FIRE EXTINGUISHERS (4)
Covered by hinged shields

28 JETTISON SWITCHES (2)
Port—PHOTO-FLASH
Starboard—FLARES

34 BOMB AND (AUXILIARY FUEL TANK) JETTISON HANDLE

MISCELLANEOUS

9 RUDDER LOCKING CONTROL HANDLE
Pull back to lock rudder

30 ALIGHTING GEAR SELECTOR PUSH-BUTTONS
Top—UP
Bottom—DOWN

31 ALIGHTING GEAR POSITION INDICATOR

1 and 2 SEAT ADJUSTING LEVERS

4 I.F.F. FIXED FREQUENCY ON—OFF SWITCH

8 FIRST PILOT'S OXYGEN POINT
No cut-off valve or flow indicator

35 SECOND PILOT'S OXYGEN POINT

11 TIME CLOCK

12 DIRECT VISION WINDOW FASTENER

15 "PRESS TO TRANSMIT" SWITCH

16 WINDSCREEN DE-ICING CONTROL VALVE

17 WINDSCREEN WIPER CONTROL VALVE

ADDENDA

The illustrations which follow depict the arrangement of the controls in the pilots' cockpit when Phase 1 and Phase 2 are embodied in the aircraft

PHASE 1, ADDENDUM 1

ILLUSTRATIONS

	Fig.
Pilots' panels (port, centre and emergency) ...	1A
Pilot's panels (starboard)	2A
Canopy control panel	3A

PHASE 2, ADDENDUM 2

ILLUSTRATIONS

	Fig.
Canopy control panel	1B
Port pilot's panel	2B
Pilots' panels (centre and emergency)	3B
Pilot's panel (starboard)	4B

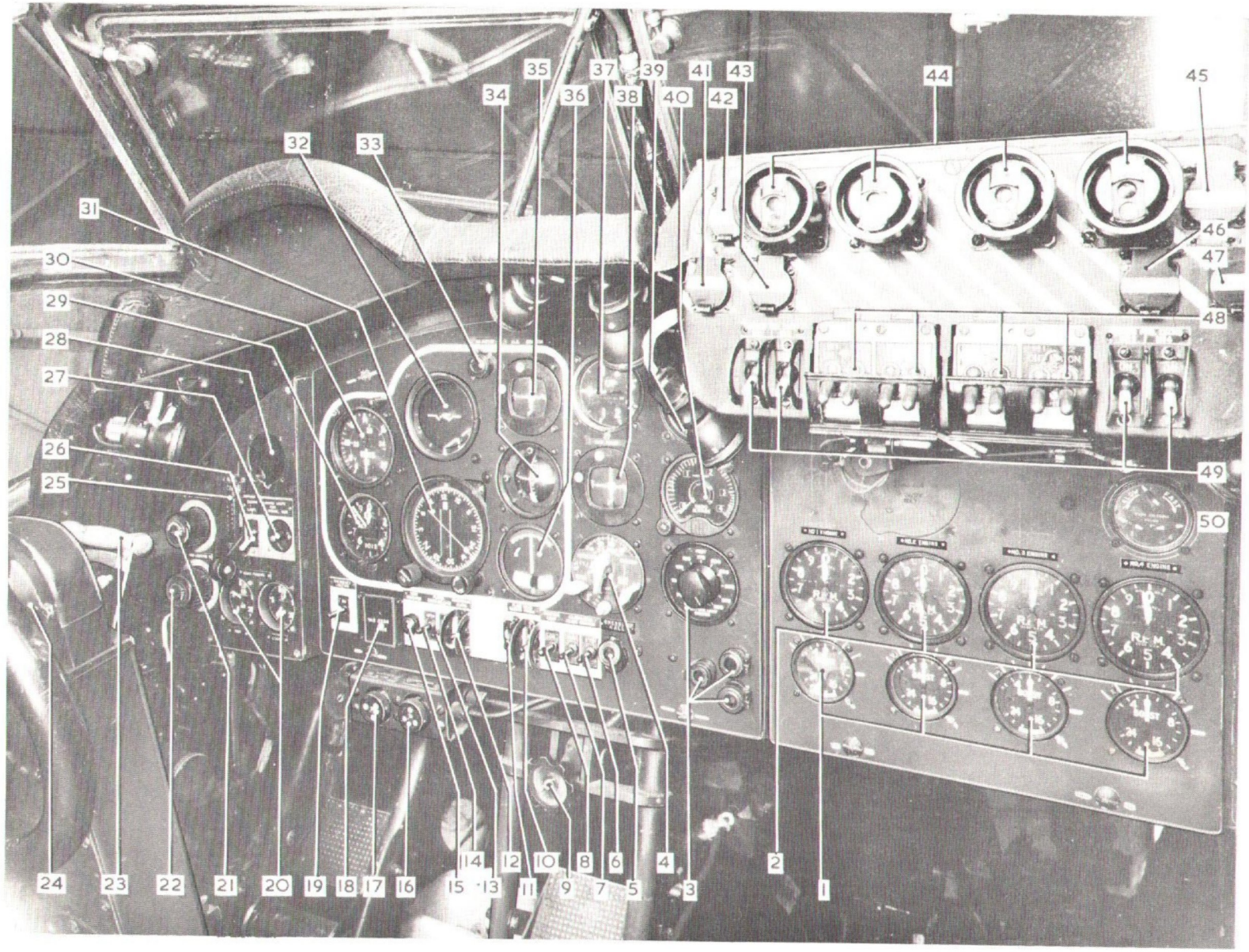

Fig.1A. Pilot's panels (port, centre and emergency) - Phase 1

KEY TO FIG. 1A

Pilot's panels (port, centre and emergency panels) — Phase 1

1 BOOST GAUGES
2 TACHOMETERS
3 ALTITUDE LIMIT INDICATORS AND LAMPS
1 *clear*, 2 *green*, 3 *red* (*reading downwards*)
4 ZERO READER CONTROL PANEL
5 EMERGENCY CALL LAMP
6 ILLUMINATED FLARE CONTROL — STOP SWITCH
7 ILLUMINATED FLARE CONTROL — START SWITCH
8 COMPASS LIGHT SWITCH
9 RUDDER PEDALS ADJUSTER
10 FLARE HEAD FIRING SWITCH
11 FLARE HEAD MASTER SWITCH
12 ABANDON AIRCRAFT ALARM SWITCH
13 FLARE DOORS RELEASE — CLOSE SWITCH
14 FLARE DOORS RELEASE — OPEN SWITCH
15 FLARE DOORS INDICATOR LIGHT
16 WINDSCREEN WIPER CONTROL
17 WINDSCREEN DE-ICING CONTROL VALVE
18 A.S.I. CORRECTOR CARD HOLDER
19 EMERGENCY LIGHTING SWITCH
20 BRAKE PRESSURE GAUGES
21 U/V LIGHTING DIMMER SWITCH
22 RED LIGHTING DIMMER SWITCH
23 RUDDER LOCKING CONTROL HANDLE
24 CONTROL COLUMN
25 PARKING BRAKE LEVER
26 TAXYING LAMPS SWITCH
27 LANDING LAMP SWITCH
28 WATCH HOLDER
29 ALTIMETER
30 AIR SPEED INDICATOR
31 GYRO COMPASS
32 ARTIFICIAL HORIZON
33 I.L.S. MARKER LAMP
34 ZERO READER INDICATOR
35 I.L.S. INDICATOR
36 TURN AND SLIP INDICATOR
37 RATE OF CLIMB INDICATOR
38 V.H.F. HOMER
39 RADIO COMPASS
40 RADIO ALTIMETER
41 ENGINE FIRE EXTINGUISHERS SWITCH — PORT OUTBOARD
42 FUEL TANKS FIRE EXTINGUISHER SWITCH (PORT SYSTEM)
43 ENGINE FIRE EXTINGUISHERS SWITCH — PORT INBOARD
44 FIRE WARNING LAMPS INCORPORATED IN PROPELLER FEATHERING SWITCHES
45 FUEL TANKS FIRE EXTINGUISHER SWITCH (STARBOARD SYSTEM)
46 ENGINE FIRE EXTINGUISHER SWITCH — STARBOARD INBOARD
47 ENGINE FIRE EXTINGUISHER SWITCH — STARBOARD OUTBOARD
48 IGNITION SWITCHES
49 MASTER FUEL COCK SWITCHES
50 ENGINE SYNCHROSCOPE

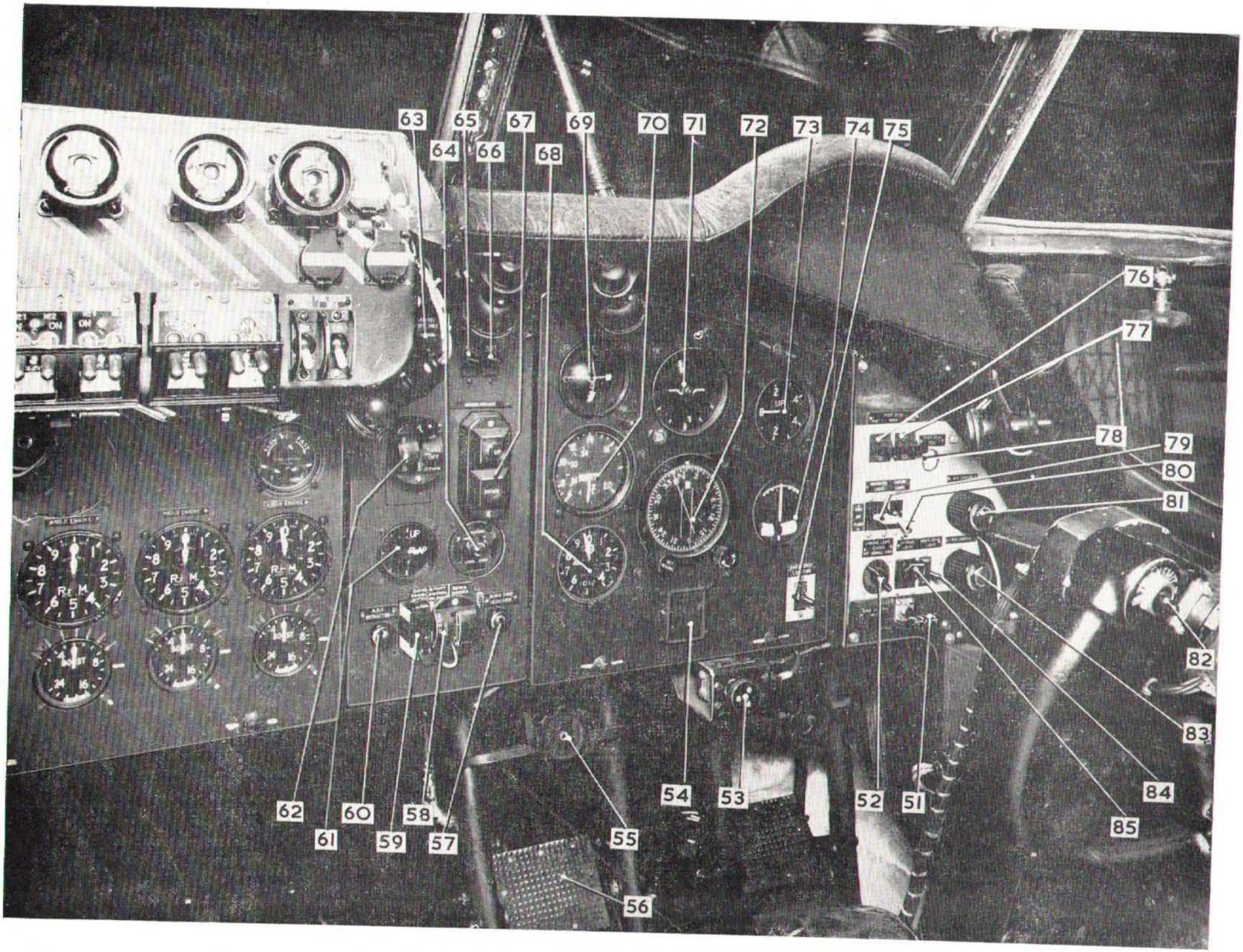

Fig. 2A. *Pilot's panels (starboard) — Phase 1*

KEY TO FIG. 2A

Pilot's panel (starboard) — Phase 1

51 BOMB JETTISON HANDLE
52 LANDING LAMPS SWITCH
OFF/NORMAL/HIGH
53 WINDSCREEN WIPER CONTROL
54 A.S.I. CORRECTION CARD HOLDER
55 RUDDER PEDALS ADJUSTER
56 RUDDER PEDALS
57 BOMB DOOR POSITION INDICATOR
58 BOMB DOOR CONTROL
59 BOMB AND MUFF DOORS CONTROL (JETTISON ONLY)
60 A.S.V. RETRACTION WARNING LAMP
61 FLAPS POSITION INDICATOR
62 FLAP CONTROL LEVER
63 FLARE FIRING BUTTON
64 ALIGHTING GEAR POSITION INDICATOR
65 FLARE SWITCHES — START
66 FLARE SWITCHES — STOP
67 ALIGHTING GEAR OPERATIONAL SWITCHES
Top — UP
Bottom — DOWN
68 ALTIMETER
69 ZERO READER INDICATOR
70 AIR SPEED INDICATOR
71 ARTIFICIAL HORIZON
72 GYRO COMPASS
73 RATE OF CLIMB INDICATOR
74 TURN AND SLIP INDICATOR
75 EMERGENCY LIGHTING SWITCH
76 PITOT HEAD SWITCH (PORT)
ON/TEST
77 PITOT HEAD SWITCH (STARBOARD)
78 PITOT HEAD TEST SOCKET
79 NAVIGATION LIGHTS SWITCH
CONTINUOUS/OFF/FLASH
80 TAXYING LIGHTS SWITCH
81 U/V LIGHTING DIMMER SWITCH
82 PRESS TO TRANSMIT SWITCH
83 RED LIGHTING DIMMER SWITCH
84 MORSE IDENTIFICATION LIGHTS KEY
85 EXTERNAL LIGHTS MASTER SWITCH

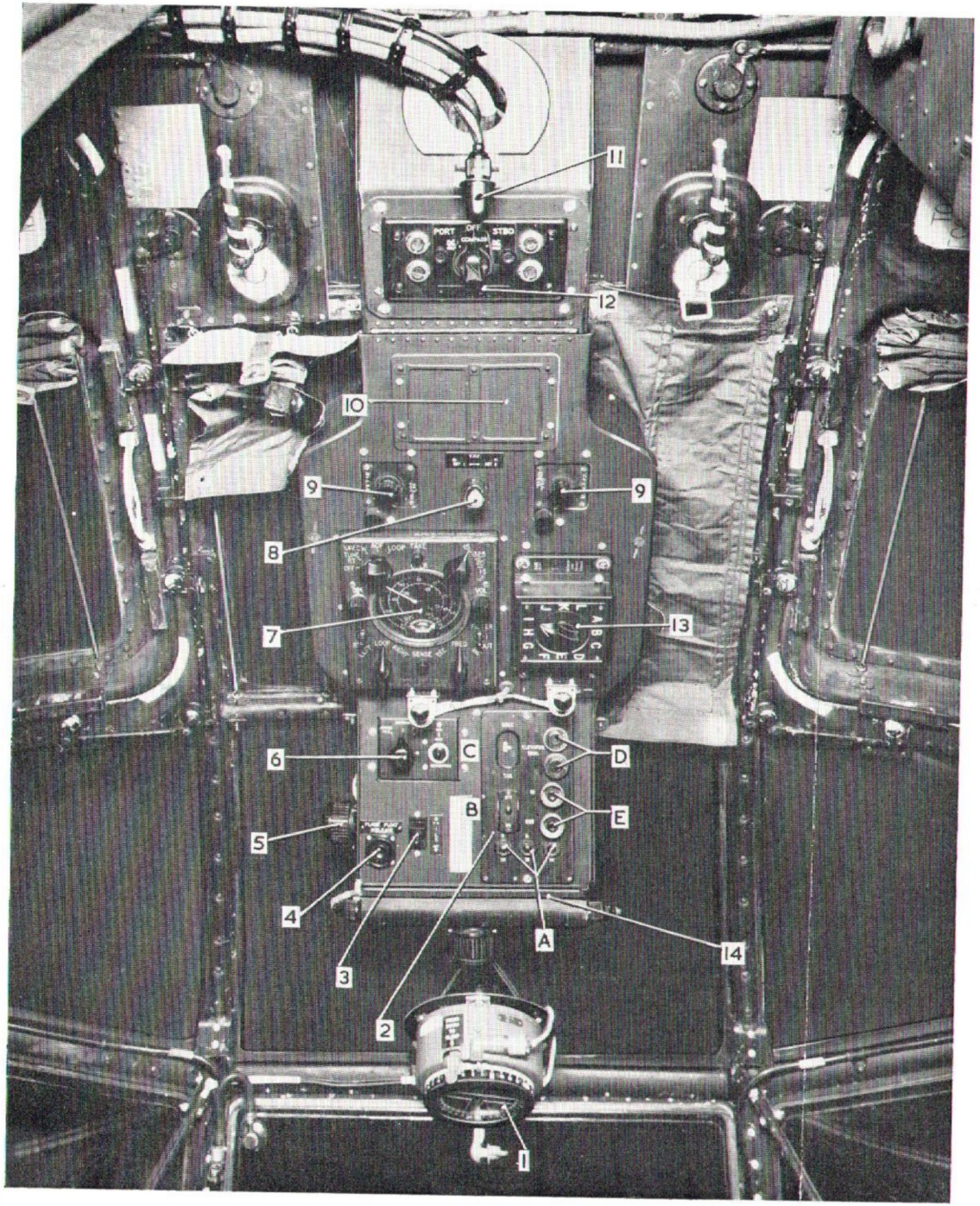

Fig. 3A. Canopy control panel — Phase 1

KEY TO FIG. 3A

Canopy control panel — Phase 1

1 ◀P.12 COMPASS▶

2 AUTO PILOT CONTROL INDICATOR PANEL

A. Rudder, aileron and elevator IN indicator lamps

B. ON/OFF switch

C. Elevator trim indicator

D. IN/OUT press buttons

E. Operational controls

3 I.L.S. MASTER SWITCH

4 FLAME FLOAT RELEASE

5 ◀FLOODLIGHT DIMMER SWITCH

6 HOMING V.H.F.

7 RADIO COMPASS PANEL▶

8 INSTRUMENT FLOODLIGHT

9 V.H.F. CONTROL UNIT
Set No. 1 *Set No. 2*

10 COMPASS CORRECTOR CARDS HOLDERS

11 INSTRUMENT FLOODLAMP

12 G4B COMPASS CONTROL PANEL

13 I.L.S. CONTROL UNIT

14 PANEL FLOODLAMP

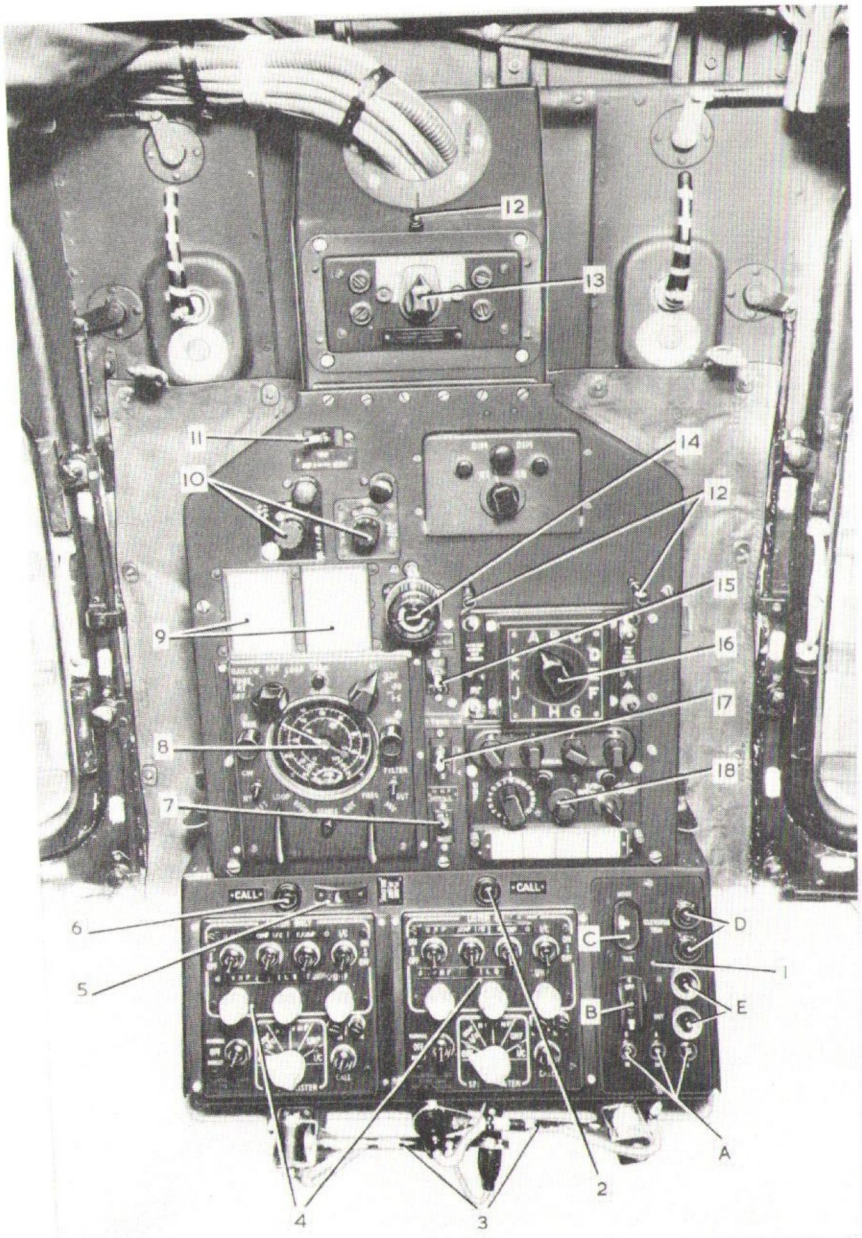

Fig.1B. Canopy control panel

KEY TO FIG. 1B
CANOPY CONTROL PANEL - PHASE 2

1. AUTO PILOT CONTROL PANEL
   - A. Rudder, aileron and elevator IN indicator lamps.
   - B. ON/OFF switch
   - C. Elevator trim indicator
   - D. Operational controls
   - E. IN/OUT press buttons
2. INTERCOMM. CALL INDICATOR
3. ADJUSTABLE STALK LAMPS
4. INTERCOMM. CONTROL UNITS
5. FLAME FLOAT RELEASE SWITCH (Mod.645).
   Left - RELEASE
   Centre - OFF
6. INTERCOMM. CALL INDICATOR
7. U.H.F. AERIAL CHANGE-OVER SWITCH.
   Up - A.E.1
   Down - A.E.2
8. RADIO COMPASS PANEL
9. COMPASS CORRECTION CARD HOLDERS
10. V.H.F. CONTROL UNITS - SET 1, SET 2
11. V.H.F. SET 1 - SET 2 CHANGE-OVER SWITCH
    Left - SET 1
    Right - SET 2
12. PILLAR LIGHTS (Red)
13. G4B COMPASS CONTROL PANEL
14. DIMMER CONTROL SWITCH
15. I.L.S. MASTER SWITCH
    Up - OFF
    Down - ON
16. I.L.S. CONTROL UNIT
17. U.H.F. TONE CONTROL
18. CONTROL UNIT - A.R.I.18124/1.

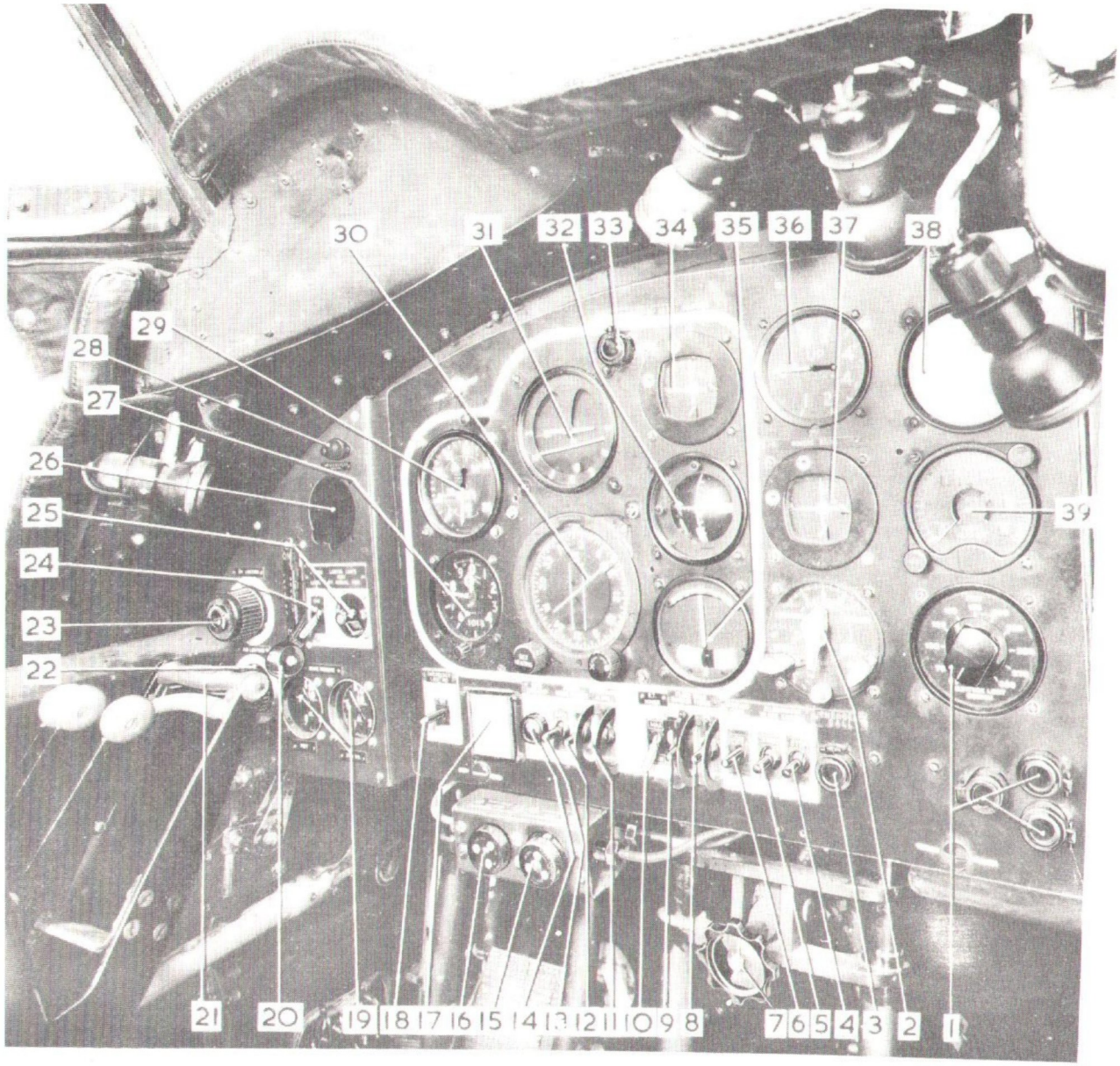

Fig. 2B. Port pilot's panel — Phase 2
(◀ Mod. No: 987 ▶)

KEY TO FIG. 2B

PORT PILOT'S PANEL - PHASE 2

1 ALTITUDE LIMIT SWITCH AND LAMPS
1 white, 2 green, 3 red (reading down).

2 ZERO READER CONTROL PANEL

3 EMERGENCY CALL LAMP
Red.

4 ILLUMINATED FLARE CONTROL-STOP SWITCH
Up - STOP
Centre - OFF

5 ILLUMINATED FLARE CONTROL-START SWITCH
Up - START
Centre - OFF

6 COMPASS LIGHT SWITCH
Up - ON
Centre - OFF

7 RUDDER PEDALS ADJUSTER

8 FLARE HEAD FIRING SWITCH
(Guarded)
Up - ON
Centre - OFF

9 FLARE HEAD MASTER SWITCH
(Guarded)
Up - ON
Centre - OFF

10 R.T. HOMER CONTROL SWITCH
Up - MAX
Centre - OFF
Down - MIN.

11 ABANDON AIRCRAFT ALARM SWITCH
(Guarded)
Up - ON
Centre - OFF

12 FLARE RELEASE SWITCH
Up - ON
Centre - OFF

13 FLARE DOORS SWITCH
Up - OPEN
Centre - OFF

14 FLARE DOORS INDICATOR LIGHT
Open

15 WINDSCREEN WIPER CONTROL VALVE

16 WINDSCREEN DE-ICING CONTROL VALVE

17 A.S.I. CORRECTION CARD HOLDER

18 EMERGENCY LIGHTING SWITCH
Up - ON
Centre - OFF

19 BRAKE PRESSURE GAUGES

20 PARKING BRAKE LEVER
Up - ON
Down - OFF

21 RUDDER LOCKING CONTROL HANDLE
Back - ON
Forward - OFF

22 RED LIGHTING DIMMER SWITCH

23 U/V LIGHTING DIMMER SWITCH

◀ 24 TAXYING LAMPS SWITCH ▶
(Master switch 57 must be on)
Up - ON
Down - OFF

25 LANDING LAMP SWITCH
(Master switch 57 must be on)
Left - OFF
Middle - NORMAL
Right - HIGH

26 CLOCK APERTURE

27 ALTIMETER

◀ 28 WINDSCREEN WASHING CONTROL SWITCH
Press - ON
Release - OFF ▶

29 AIR SPEED INDICATOR

30 GYRO COMPASS

31 ARTIFICIAL HORIZON

32 ZERO READER INDICATOR

33 I.L.S. MARKER LAMP

34 I.L.S. INDICATOR

35 TURN AND SLIP INDICATOR

36 RATE OF CLIMB INDICATOR

37 INDICATOR TYPE 7

38 RADIO COMPASS

39 RADIO ALTIMETER

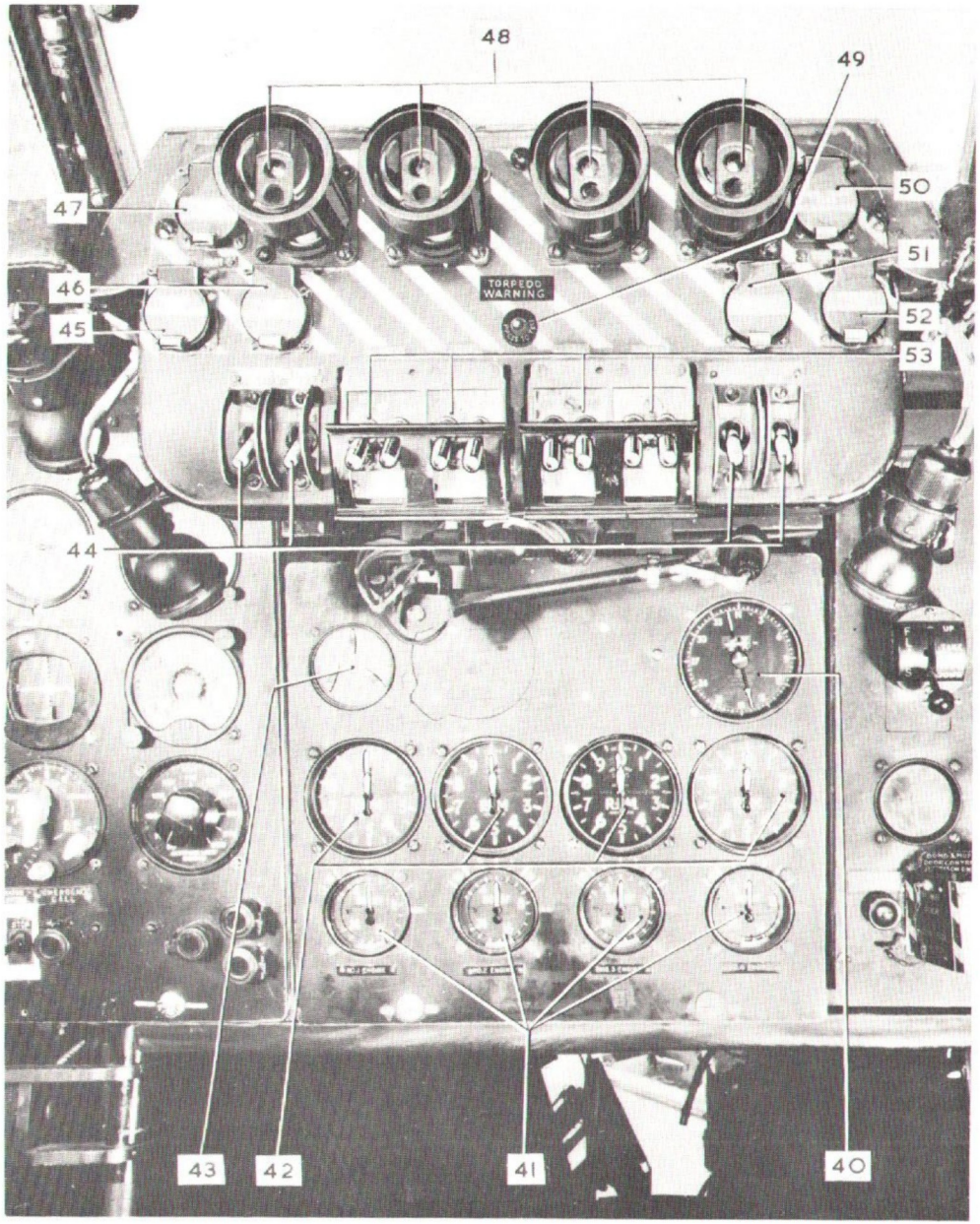

Fig.3B. Pilot's panels (centre and emergency) - Phase 2
(◀ Mod. 922 ▶)

RESTRICTED

KEY TO FIG. 3B

PILOT'S PANEL (CENTRE AND EMERGENCY) - PHASE 2

40 ELECTRICAL INDICATOR - A.R.I.18107

41 BOOST GAUGES

42 R.P.M. INDICATORS

43 ENGINE SYNCHROSCOPE

44 MASTER FUEL COCK SWITCHES (Guarded)
Up - ON
Centre - OFF

45. ENGINE FIRE EXTINGUISHERS SWITCH
(PORT OUTBOARD)
Press - ON
Release - OFF

46. ENGINE FIRE EXTINGUISHERS SWITCH
(PORT INBOARD)
Press - ON
Release - OFF

47. FUEL TANKS FIRE EXTINGUISHERS SWITCH
(PORT SYSTEM)
Press - ON
Release - OFF

48. PROPELLER FEATHERING SWITCHES INCORPORATING FIRE WARNING LAMPS (Guarded).
Press - ON
Release - OFF

49. TORPEDO WARNING LIGHT
Press to test

50. FUEL TANKS FIRE EXTINGUISHERS SWITCH
(STARBOARD INBOARD)
Press - ON
Release - OFF

51. ENGINE FIRE EXTINGUISHERS SWITCH
(STARBOARD INBOARD)
Press - ON
Release - OFF

52. ENGINE FIRE EXTINGUISHERS SWITCH
(STARBOARD OUTBOARD)
Press - ON
Release - OFF

53. IGNITION SWITCHES (Guarded)
Up - ON
Down - OFF

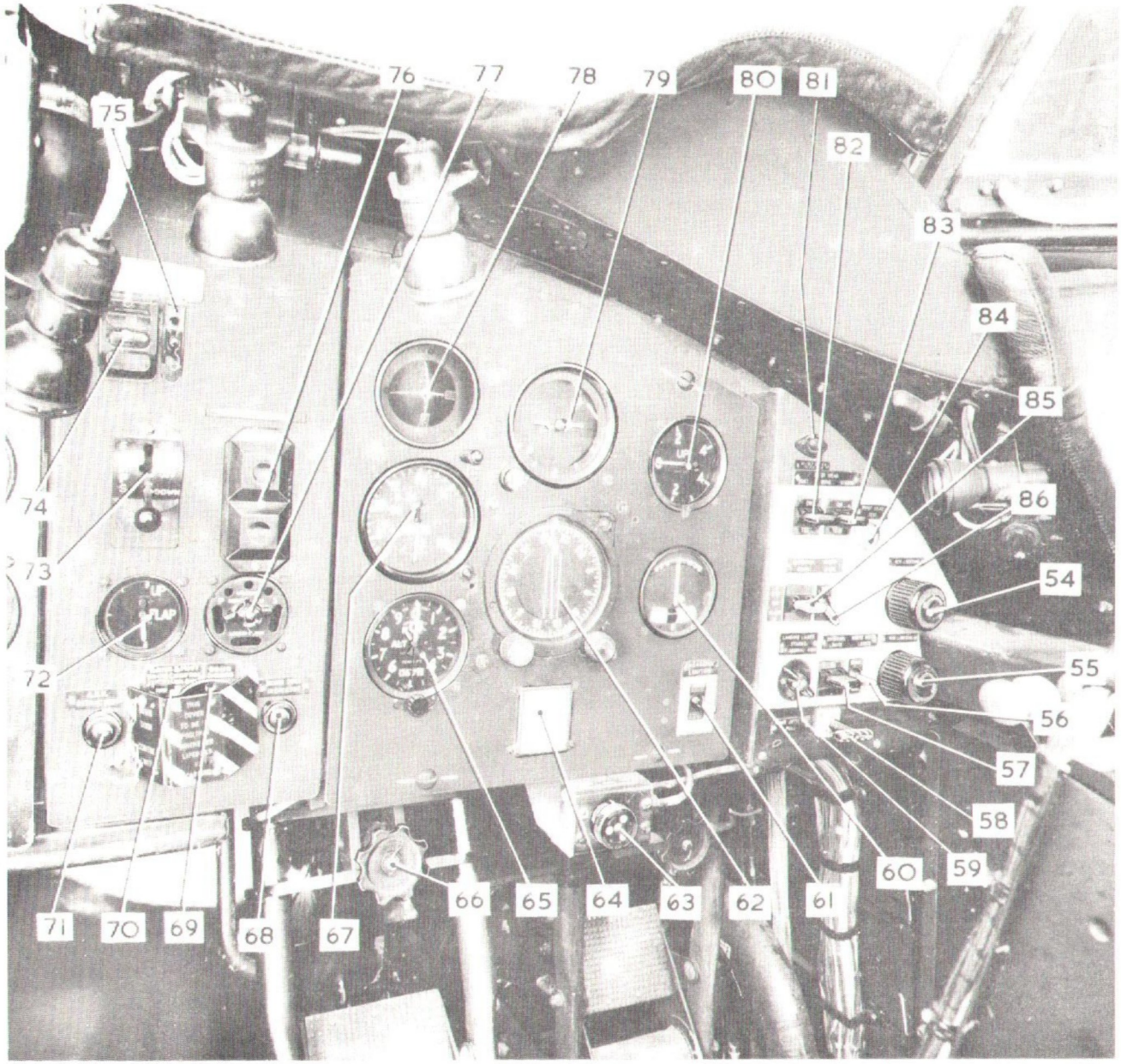

Fig. 4B. Pilot's panels (starboard)—— Phase 2

(◀ *Mod No: 987* ▶)

RESTRICTED

KEY TO FIG. 4B

PILOT'S PANELS (STARBOARD) - PHASE 2

54. U/V LIGHTING DIMMER SWITCH
55. RED LIGHTING DIMMER SWITCH
56. MORSE IDENTIFICATION LIGHTS KEY
    Up - STEADY
    Down - MORSE
    Centre - OFF
57. EXTERNAL LIGHTS MASTER SWITCH
    Up - ON
    Centre - OFF
58. BOMB JETTISON HANDLE
    Pull to operate
59. LANDING LAMPS SWITCH
    Left - OFF
    Centre - NORMAL
    Right - HIGH
60. TURN AND SLIP INDICATOR
61. EMERGENCY LIGHTING SWITCH
    Up - ON
    Centre - OFF
62. GYRO COMPASS
63. WINDSCREEN WIPER CONTROL VALVE
64. A.S.I. CORRECTION CARD HOLDER
65. ALTIMETER
66. RUDDER PEDALS ADJUSTER
67. AIR SPEED INDICATOR
68. BOMB DOOR POSITION INDICATOR
69. BOMB DOOR CONTROL (Gated)
    Up - CLOSED
    Down - OPEN
70. BOMB AND MUFF DOOR CONTROL - JETTISON ONLY
    (Guarded)
    Up - OPEN
    Centre - OFF
71. A.S.V. RETRACTION WARNING LAMP
72. FLAPS POSITION INDICATOR
73. FLAP CONTROL LEVER
    Up - UP
    Centre - TAKE OFF
    Down - DOWN
74. PHOTOFLASH JETTISON SWITCH
    (Guarded)
    Lift 4 times
75. FLARE FIRING SWITCH
    (Guarded)
    Lift once
76. ALIGHTING GEAR OPERATING SWITCHES
    Top - UP
    Bottom - DOWN
77. ALIGHTING GEAR POSITION INDICATOR
78. ZERO READER INDICATOR
79. ARTIFICIAL HORIZON
80. RATE OF CLIMB INDICATOR
81. PITOT HEAD SWITCH - PORT
    Up - ON
    Centre - OFF
    Down - TEST
82. PITOT HEAD SWITCH - STARBOARD
    Up - ON
    Centre - OFF
    Down - TEST
83. WINDSCREEN WASHING CONTROL SWITCH
    Press - ON
    Release - OFF
84. PITOT HEAD TEST SOCKET.
85. NAVIGATION LIGHTS SWITCH
    Up - CONTINUOUS
    Centre - OFF
    Down - FLASH
86. TAXYING LIGHTS SWITCH
    Up - ON
    Down - OFF