

## Chapter I

## PILOT'S CONTROLS AND EQUIPMENT

(Completely revised)

## LIST OF CONTENTS

	Para.
Introduction ... ... ... ...	1
Emergency controls	
General ... ... ...	2

	Fig.
Flying controls and instruments—MK. 8	1
Engine controls and instruments—MK. 8	2
Armament, navigation, signalling, radio and miscellaneous—MK. 8	3

## WARNING

AIRCREW EJECTION SEATS  
ARE FITTED TO THIS AIR-  
CRAFT.

Before attempting to enter the cabin ensure that the instructions detailed on the LETHAL WARNING marker card at the front of this handbook have been complied with.

## Introduction

1. This chapter gives the location of the cabin controls and instruments used by the pilots, the items being grouped as indicated in the illustrations. Where the operation of a control, or any feature of an instrument is not obvious, the necessary information is given in the key to the illustration. For more detailed information of the operation of certain controls and the circumstances and manner in which they are to be used, reference should be made to the Pilot's Notes for this aircraft.

## Emergency controls

## General

2. The function and operation of the emergency controls and instruments indicated in the illustrations are described in Sect. 1, Chap. 3.

	Para.
Cabin hood	
Operation from inside ... ... ...	3

## LIST OF ILLUSTRATIONS

	Fig.
Flying controls and instruments—MK. 8B	4
Engine controls and instruments—MK. 8B	5
Armament, navigation, signalling, radio and miscellaneous—MK. 8B	6

## Cabin hood

## Operation from inside

3. The cabin hood, which hinges upwards on its rear edge for entry and exit, is normally operated electro-hydraulically, but provision is also made for manual operation in the event of electrical or hydraulic failure. The hood is controlled by a three-position spring-loaded centre-off switch, marked HOOD OPEN and CLOSED, which is mounted, together with a HOOD LOCKED indicator lamp at the top of the centre instrument panel. Before the hood will respond, however, the battery master switch on the leg panel must be placed in the OFF position to supply the hood control circuit. When using the hood control switch, it is necessary to retain it in the selected position until the hood completes its full travel. In the event of electrical or hydraulic failure while the aircraft is on the ground and the cabin hood is closed, operation of a handle mounted on the hood jettison release unit (*located behind the port seat*), will release the hood locks and allow the hood to be raised manually, after first ensuring that the hood jettison release unit is disconnected from the jettison gun by withdrawing the quick-release pip pin in accordance with the instructions given on the warning notice on the guard over the handle of the release unit. The method of jettisoning the hood in an emergency in flight is described in Sect. 1, Chap. 3.

	Para.
Operation from outside ... ... ...	4

	Fig.
Flying controls and instruments—MK. 8C	7
Engine controls and instruments—MK. 8C	8
Armament, navigation, signalling, radio and miscellaneous—MK. 8C	9

## WARNING

When the aircraft is ready for take-off, a check must always be made to ensure that the HOOD LOCKED indicator lamp is illuminated, thus indicating that the hood locks are correctly set to secure the hood. When the aircraft is airborne, this lamp should go out automatically.

## Operation from outside

4. A three-position, centre-off switch located aft of frame 4 inside the nose wheel bay is provided for external operation of the hood. As in the case of the normal switch (para. 3), it is necessary to ensure that the battery switch on the leg panel in the cabin is in the OFF position and to hold the control switch in the selected position until the hood has completed its full travel.

## Note . . .

Before using the switch, ensure that the hood is clear of obstructions and that the jury strut, if in use, has been removed. Also ensure that the cabin pressure has been dissipated before operating this switch to open the hood.

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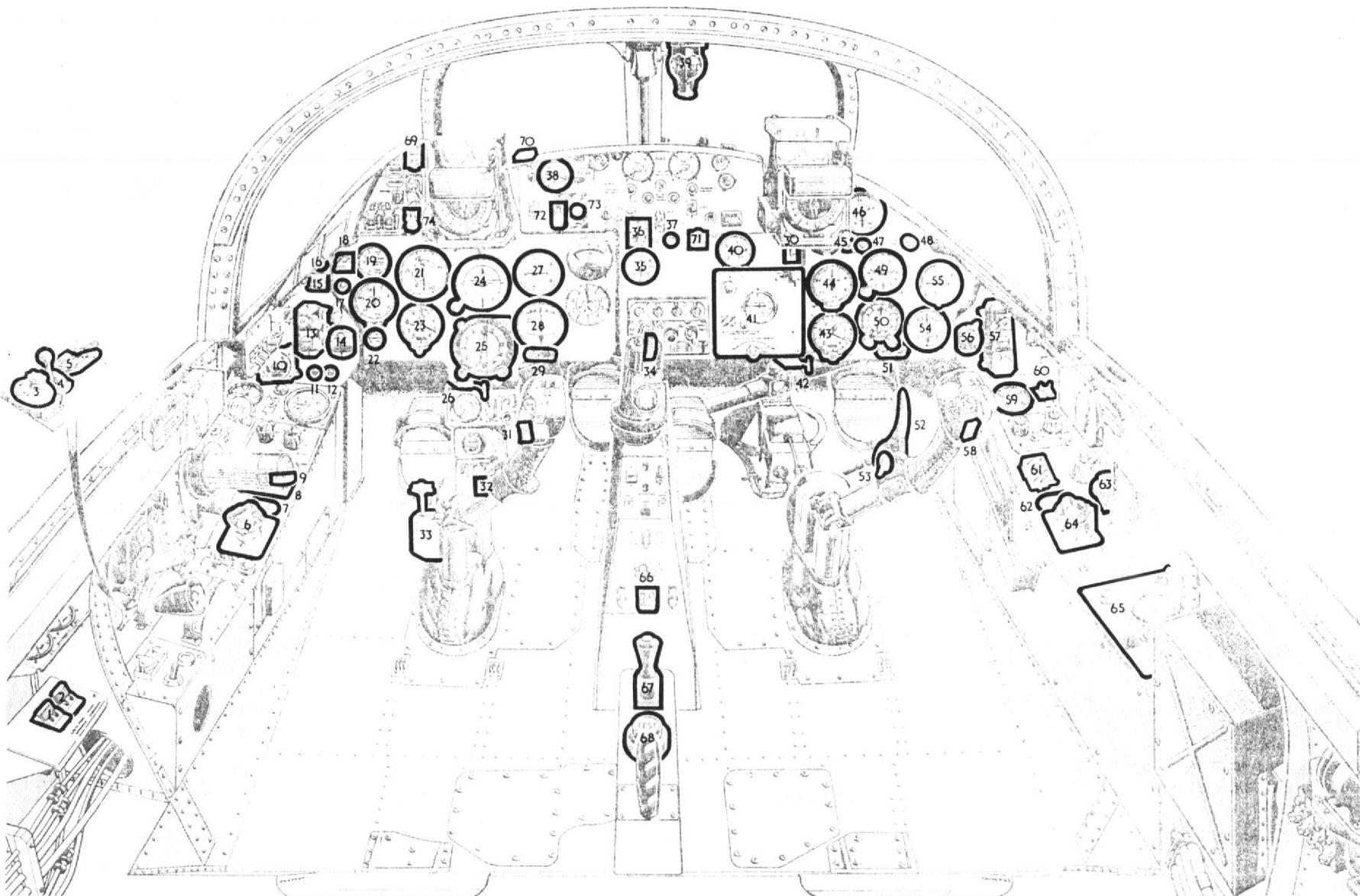


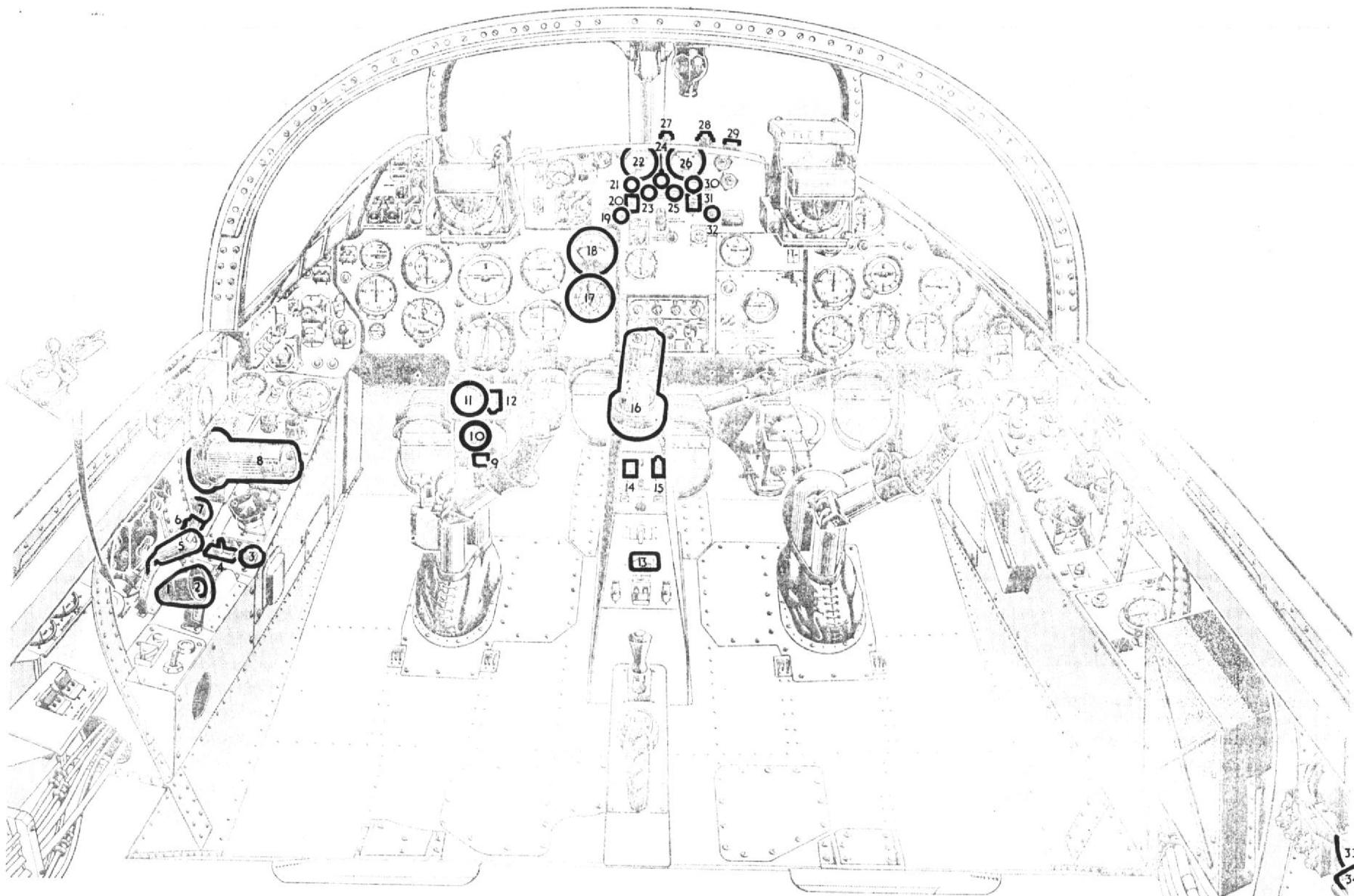
Fig.1 Flying controls and instruments - Mk. 8

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	AIR DIAGRAM 7513A/MIN HUNTER T MK. 8
ISSUE 2	PREPARED BY MINISTRY OF AVIATION FOR PROMULGATION BY ADMIRALTY

**KEY TO FIG. 1**  
(Flying controls and instruments—MK. 8)

1 CABIN PRESSURE WARNING TEST SWITCH	21 AIRSPEED INDICATOR	50 GYRO COMPASS REPEATER
2 HOOD OVERRIDE SWITCH	22 FLAP POSITION INDICATOR	51 TURN AND SLIP STANDBY SWITCH
3 CABIN TEMPERATURE SELECTOR	23 ALTIMETER	52 HYDRAULIC BRAKE CONTROL
4 CABIN TEMPERATURE CONTROL	24 ARTIFICIAL HORIZON	53 BRAKE PARKING LOCK <i>For temporary parking</i>
5 CABIN PRESSURE SWITCH	25 GYRO COMPASS	54 TURN AND SLIP INDICATOR
6 AILERON AND RUDDER TRIM TAB CONTROL AND AILERON TRIM LOCK <i>Operation in natural sense, i.e. aircraft responds to the attitude of the silhouette on the switch knob</i>	26 RUDDER BAR REACH CONTROL <i>For adjustment of rudder bar for leg reach</i>	55 RATE OF CLIMB INDICATOR
7 AILERON AND RUDDER TRIM TAB POSITION INDICATORS	27 RATE OF CLIMB INDICATOR	56 FLAP CONTROL <i>The stop plate must be released to allow the control lever to be moved upward, beyond the 'fully-up' position, before the port selector switch is operative. This flap control overrides the port control.</i>
8 TAIL PLANE STANDBY CONTROL <i>Lift cover fully to operate switch. When cover is fully lifted it automatically trips the circuit breaker of the tail plane actuator main motor</i>	28 TURN AND SLIP INDICATOR	57 UNDERCARRIAGE CONTROL <i>Interlocking push switches. Top for UP, centre for DOWN. Selection of bottom push button gives control to the port selector switches. Clockwise rotation of outer ring of UP button overrides the safety lock. Operation of this control overrides the port control</i>
9 AIR BRAKE CONTROL	29 TURN AND SLIP STANDBY SWITCH	58 TAIL PLANE INCIDENCE CONTROL (Normal)
10 UNDERCARRIAGE INDICATOR <i>Light sequence :—</i> GREEN <i>Undercarriage locked down</i> RED <i>Undercarriage in process of retraction or lowering</i> ALL OFF <i>Undercarriage locked up</i>	30 AUTOSTABILIZER SWITCH	59 ANTI-G PRESSURE GAUGE
11 UNDERCARRIAGE WARNING LIGHT <i>Lights when throttle is approximately <math>\frac{1}{2}</math> open and the undercarriage is not locked down</i>	31 TAIL PLANE INCIDENCE CONTROL (Normal)	60 AILERON AND ELEVATOR POWER CONTROL OVER- RIDE SWITCHES
12 AIR BRAKE INDICATOR	32 PRESSURE HEAD HEATER SWITCH	61 TAIL PLANE TRIM CUT-OUT SWITCH
13 UNDERCARRIAGE CONTROL <i>Interlocking push switches. Top for UP, bottom for DOWN. Operative only when bottom button of starboard control is depressed. Clockwise rotation of outer ring of UP button overrides the safety lock</i>	33 AILERON SPRING FEEL UNIT	62 AILERON AND RUDDER TRIM TAB POSITION INDICATORS
14 FLAP CONTROL	34 AIR BRAKE CONTROL	63 ANTI-G TEST BUTTON
15 AILERON POWER CONTROL SWITCH	35 CABIN ALTIMETER	64 AILERON TRIM TAB CONTROL AND LOCK
16 ELEVATOR POWER CONTROL INDICATOR <i>Indicates white with power OFF</i>	36 TAIL PLANE ' FOLLOW-UP ' SWITCH	65 OXYGEN REGULATOR
17 AILERON POWER CONTROL INDICATOR <i>Indicates white with power OFF</i>	37 CABIN PRESSURE WARNING LIGHT	66 AIR BRAKE TEST SWITCH
18 ELEVATOR POWER CONTROL SWITCH	38 ACCELEROMETER	67 ANTI-G SUIT CONTROL
19 TAIL PLANE POSITION INDICATOR	39 STANDBY COMPASS	68 ANTI-G TEST BUTTON
20 MACHMETER	40 OXYGEN CONTENTS GAUGE	69 PARACHUTE BRAKE CONTROL
	41 OXYGEN REGULATOR	70 PARACHUTE STREAM LIGHT
	42 RUDDER BAR REACH CONTROL <i>For adjustment of rudder bar for leg reach</i>	71 PARACHUTE BRAKE CONTROL
	43 ALTIMETER	72 ARRESTER HOOK SELECTOR SWITCH
	44 MACHMETER	73 ARRESTER HOOK WARNING LAMP
	45 ELEVATOR POWER CONTROL INDICATOR <i>Indicates white with power OFF</i>	74 ARRESTER HOOK SELECTOR SWITCH
	46 AIRSPEED INDICATOR	
	47 AILERON POWER CONTROL INDICATOR <i>Indicates white with power OFF</i>	
	48 OXYGEN FLOW INDICATOR	
	49 ARTIFICIAL HORIZON	



**Fig.2 Engine controls and instruments - Mk.8**

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**KEY TO FIG. 2**  
(Engine controls and instruments—MK. 8)

1 HIGH PRESSURE FUEL COCK CONTROL	13 STARTER CIRCUIT BREAKER	25 OUTBOARD DROP TANKS EMPTY INDICATOR—STARBOARD
2 ENGINE RELIGHT SWITCH	14 ENGINE ANTI-ICING INDICATOR	26 FUEL CONTENTS GAUGE—STARBOARD TANKS
3 FUEL PUMP ISOLATED WARNING LAMP	15 ENGINE ANTI-ICING SWITCH	27 PUMP CIRCUIT BREAKER—PORT
4 FUEL PUMP ISOLATING SWITCH <i>Normally wired locked. Broken wire indicates use</i>	16 THROTTLE	28 PUMP CIRCUIT BREAKER—STARBOARD
5 LOW PRESSURE FUEL COCK CONTROL	17 TACHOMETER	29 FUEL CONTENTS CHECK SWITCH
6 JET PIPE TEMPERATURE CONTROL CUT-OUT SWITCH	18 EXHAUST GAS THERMOMETER	30 FUEL TRANSFER FAILURE INDICATOR—STARBOARD
7 THROTTLE DAMPER	19 FUEL BOOSTER PUMP FAILURE WARNING LIGHT—PORT	31 FUEL BOOSTER PUMP SWITCH—STARBOARD
8 THROTTLE	20 FUEL BOOSTER PUMP SWITCH—PORT	32 FUEL BOOSTER PUMP FAILURE WARNING LIGHT—STARBOARD
9 ENGINE MASTER SWITCH	21 FUEL TRANSFER FAILURE INDICATOR—PORT	33 AMMETER TEST SOCKET <i>Used for test before flight</i>
10 STARTER PUSH SWITCH	22 FUEL CONTENTS GAUGE—PORT TANKS	34 FUEL PUMPS TEST SWITCH <i>Used for test before flight</i>
11 OIL PRESSURE GAUGE	23 OUTBOARD DROP TANKS EMPTY INDICATOR—PORT	
12 IGNITION SWITCH	24 FUEL LOW PRESSURE WARNING LIGHT	

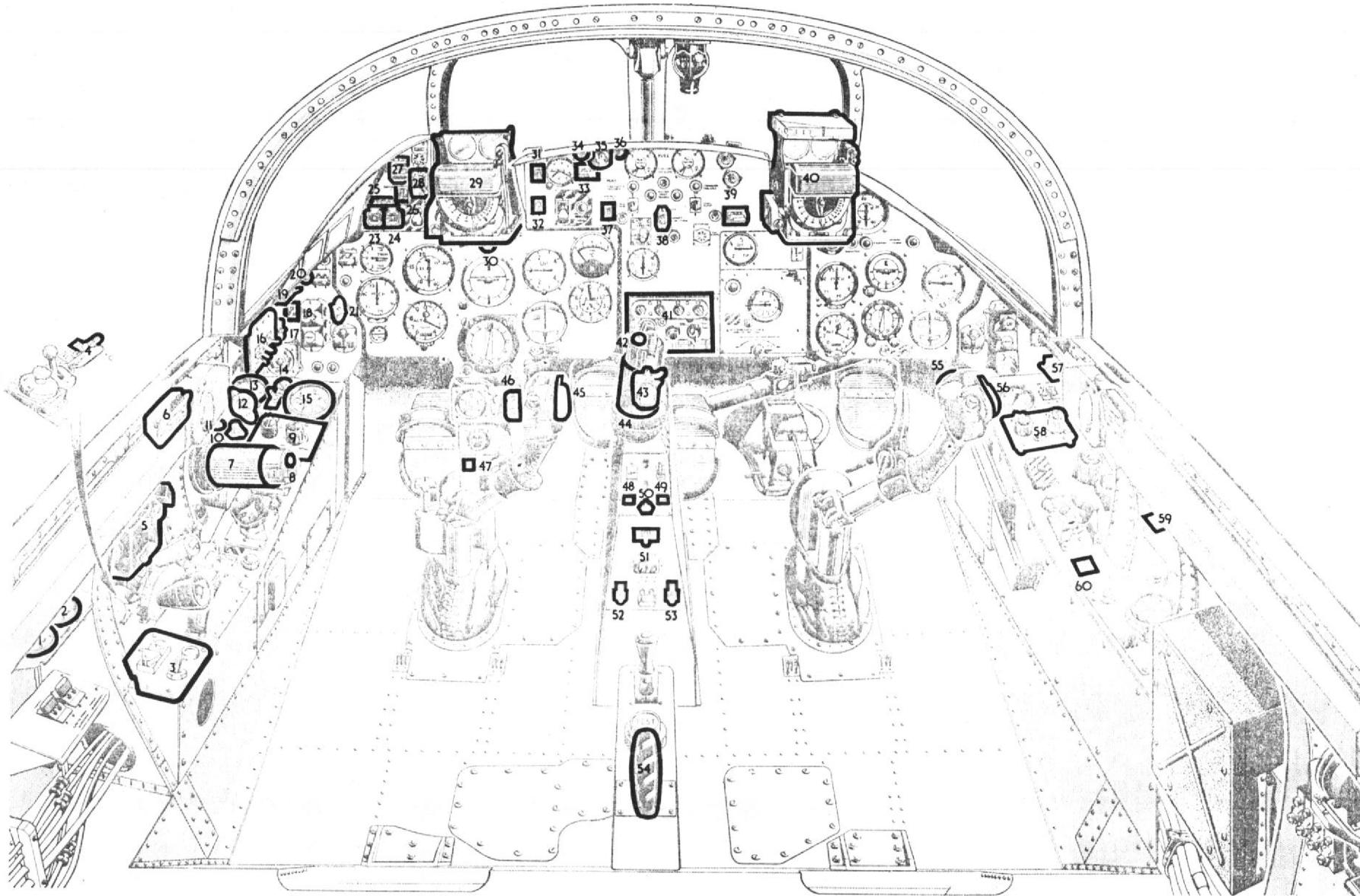


Fig.3 Armament, navigation, signalling, radio, and miscellaneous - Mk. 8

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**KEY TO FIG. 3**  
(Armament, navigation, signalling, radio and miscellaneous—MK. 8)

1 EMERGENCY AIR GAUGE—UNDERCARRIAGE	22 Not used	42 PRESS TO TRANSMIT SWITCH
2 EMERGENCY AIR GAUGE—FLAPS	23 JETTISON SWITCH FOR STORES ON OUTBOARD PYLONS	43 STANDBY COMPASS LAMP SELECTOR AND DIMMER SWITCHES
3 PARACHUTE BRAKE TEST SWITCH, FUSE AND CIRCUIT BREAKER	24 JETTISON SWITCH FOR STORES ON INBOARD PYLONS	44 GYRO GUNSIGHT RANGE CONTROL
4 FLOOD AIRFLOW SWITCH	25 'CLEAR AIRCRAFT' SWITCH BAR	45 BOMB/R.P. FIRING SWITCH SAFETY FLAP <i>Lift flap to operate switch</i>
5 Z.B.X. CONTROL UNIT AND JUNCTION BOX	26 FUZING SWITCH	46 GENERATOR WARNING LIGHTS
6 STOWAGE FOR SAFETY PINS	27 BOMB/R.P. SELECTOR SWITCH	47 BATTERY MASTER SWITCH
7 GYRO GUNSIGHT RANGE CONTROL	28	48 INVERTER MAIN/STANDBY INDICATOR <i>Artificial horizon and oil pressure</i>
8 PRESS TO TRANSMIT SWITCH	29 GYRO GUNSIGHT	49 INVERTER MAIN/STANDBY INDICATOR <i>Compass and miscellaneous</i>
9 GYRO GUNSIGHT CONTROL	30 STANDBY INVERTER INDICATOR	50 CENTRE CONSOLE LIGHTS SWITCH
10 TELEBRIEFING PUSH SWITCH	31 GYRO GUNSIGHT CONTROL SWITCH	51 MUTING SWITCH
11 TELEBRIEFING LIGHT	32 AUDIO WARNING CUT-OUT SWITCH	52 INVERTER NORMAL/STANDBY SELECTOR SWITCH <i>Artificial horizon and oil pressure</i>
12 UNDERCARRIAGE EMERGENCY CONTROL	33 HOOD CONTROL SWITCH	53 INVERTER NORMAL/STANDBY SELECTOR SWITCH <i>Compass and miscellaneous</i>
13 BRAKES ACCUMULATOR PRESSURE GAUGE	34 HOOD LOCKED WARNING LAMP	54 HOOD JETTISON CONTROL
14 RADAR SUPPLY SWITCH AND INDICATOR	35 FIRE WARNING LIGHT AND EXTINGUISHER PUSH SWITCH	55 GUN FIRING TRIGGER
15 TRIPLE PRESSURE GAUGE <i>Brakes and hydraulic systems pressures</i>	36 FIRE WARNING LAMP TEST SWITCH <i>Push to test fire warning lamp bulb</i>	56 BOMB/R.P. FIRING SWITCH SAFETY FLAP <i>Lift flap to operate switch</i>
16 U.H.F. CONTROL SWITCHES	37 EMERGENCY LIGHTS SWITCH	57 AUTO-TONE CANCELLATION SWITCH
17 AUTO-TONE CANCELLATION SWITCH	38 TARGET REJECT SWITCH	58 GYRO GUNSIGHT CONTROL
18 RADAR PRESENTATION SWITCH	39 NAVIGATION LIGHTS SWITCH	59 INTERCOMMUNICATION SWITCHES
19 U.H.F. AERIAL SELECTOR SWITCH	40 GYRO GUNSIGHT AND RECORDER	60 ARMAMENT GROUND TEST SWITCH <i>Operate by use of ground test key</i>
20 HYDRAULIC FAILURE WARNING LIGHT	41 U.H.F. CONTROL PANEL	
21 FLAPS EMERGENCY CONTROL		

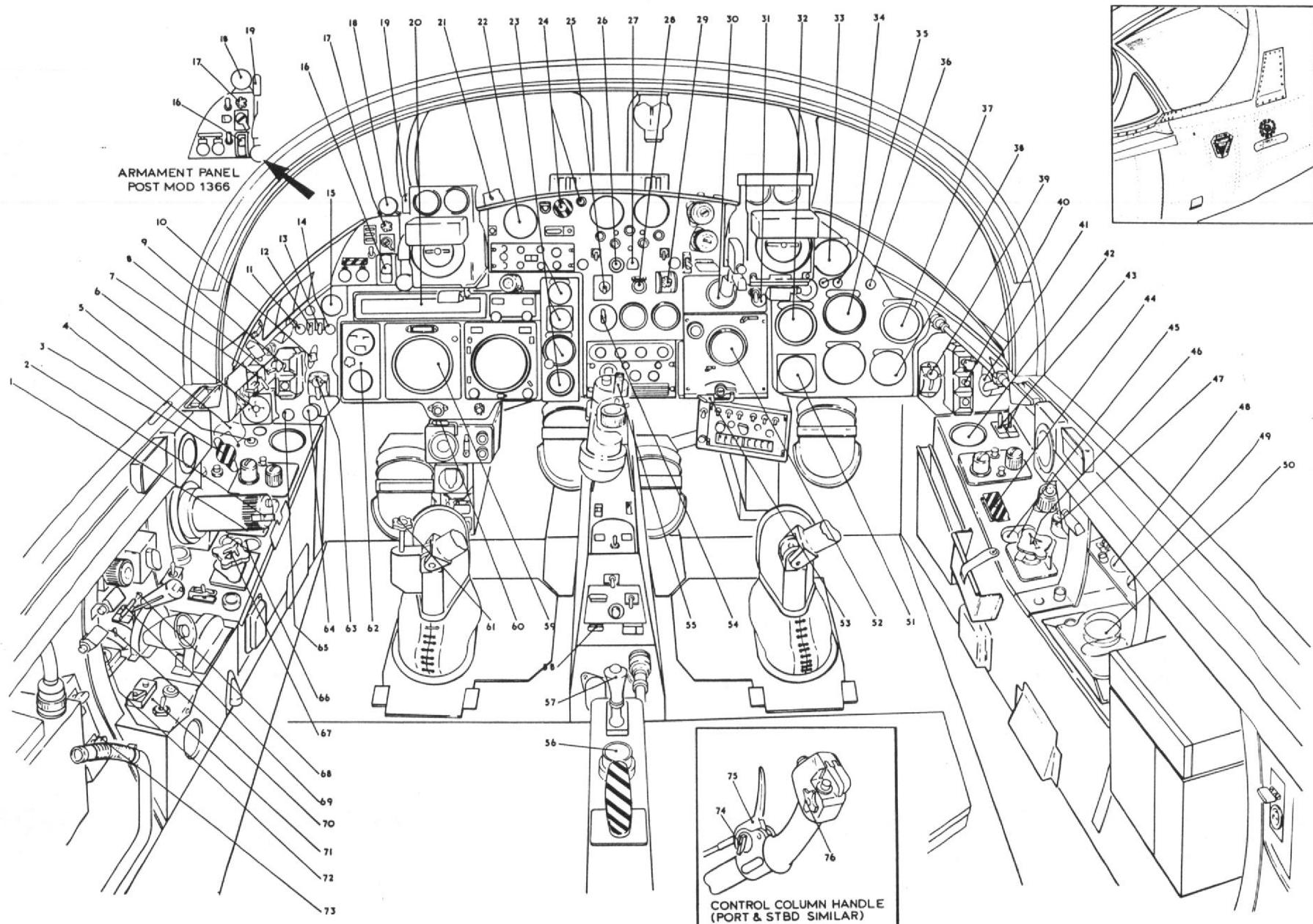


Fig. 4 Flying controls and instruments — Mk. 8B

◀ (Completely revised) ▶

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## KEY TO FIG. 4

(Flying controls and instruments — Mk.8B)

◀ (Completely revised) ▶

- 1 TAIL PLANE TRIM STANDBY CONTROL SWITCH
- 2 AIR BRAKE CONTROL SWITCH
- 3 UNDERCARRIAGE EMERGENCY CONTROL
- 4 AIR BRAKE INDICATOR
- 5 WHEEL BRAKE ACCUMULATOR PRESSURE GAUGE
- 6 UNDERCARRIAGE INDICATOR
 

Lamp sequence:—

GREEN Undercarriage locked down

RED Undercarriage unlocked

ALL OFF Undercarriage locked up
- 7 ADD MASTER SWITCH
- 8 ADD AUDIO CONTROL UNIT
- 9 UNDERCARRIAGE CONTROL SELECTOR SWITCH UNIT
 

Interlocking push switches. Top for UP, bottom for DOWN. Operative only when bottom push switch of starboard selector switch unit is depressed. Clockwise rotation of outer ring of UP push switch overrides the safety lock
- 10 FLAP EMERGENCY CONTROL
- 11 AILERON POWER CONTROL INDICATOR
 

Indicates white with power OFF
- 12 AILERON POWER CONTROL SWITCH
- 13 ELEVATOR POWER CONTROL SWITCH
- 14 ELEVATOR POWER CONTROL INDICATOR
 

Indicates white with power OFF
- 15 TAIL PLANE POSITION INDICATOR
- 16 ARRESTING HOOK SELECTOR SWITCH
- 17 BRAKING PARACHUTE CONTROL SWITCH
- 18 ADD INDICATOR
- 19 ADD APPROACH INDEX
- 20 SPEED DISPLAY UNIT
- 21 BRAKING PARACHUTE STREAM WARNING LAMP
- 22 ACCELEROMETER
- 23 STANDBY FLIGHT INSTRUMENTS
 

Standby altimeter, standby airspeed indicator, standby direction indicator, standby artificial horizon
- 24 FIRE WARNING LAMP, EXTINGUISHER PUSH SWITCH AND LAMP TEST PUSH SWITCH

- 25 TAIL PLANE SELECTOR SWITCH
- 26 ARRESTING HOOK WARNING LAMP
- 27 ARRESTING HOOK SELECTOR SWITCH
- 28 CABIN PRESSURE WARNING LAMP
- 29 BRAKING PARACHUTE CONTROL SWITCH
- 30 OXYGEN CONTENTS GAUGE
- 31 STICK CENTRING WHITE SPOT
- 32 MACHMETER
- 33 AIRSPEED INDICATOR
- 34 AILERON AND ELEVATOR POWER CONTROL INDICATORS
 

Indicate white with power OFF
- 35 ARTIFICIAL HORIZON
- 36 OXYGEN FLOW INDICATOR
- 37 RATE OF CLIMB INDICATOR
- 38 TURN AND SLIP INDICATOR
- 39 FLAP CONTROL SELECTOR SWITCH
 

The stop plate must be released to allow the control lever to be moved upward, beyond the 'fully-up' position, before the port selector switch is operative. This selector switch overrides the port selector switch
- 40 UNDERCARRIAGE CONTROL SELECTOR SWITCH UNIT
 

Interlocking push switches. Top for UP, centre for DOWN. Selection of bottom push switch gives control to the port selector switch unit. Clockwise rotation of outer ring of UP push switch overrides the safety lock. Operation of this selector switch unit overrides the port selector switch unit
- 41 CABIN ALTIMETER
- 42 ANTI-G AIR SUPPLY PRESSURE GAUGE
- 43 AILERON AND ELEVATOR POWER CONTROL OVERRIDE SWITCHES
- 44 TAIL PLANE TRIM CUT-OUT SWITCH
- 45 AILERON AND RUDDER TRIM TAB POSITION INDICATORS
- 46 AILERON TRIM TAB CONTROL SWITCH AND LOCK
- 47 ANTI-G VALVE TEST BUTTON
- 48 UNDERCARRIAGE EMERGENCY AIR PRESSURE GAUGE
- 49 FLAP EMERGENCY AIR PRESSURE GAUGE
- 50 OXYGEN DEMAND REGULATOR
- 51 ALTIMETER
- 52 OXYGEN DEMAND REGULATOR
- 53 RUDDER BAR ADJUSTMENT CONTROL LEVER
 

For adjustment of rudder bar for leg reach
- 54 STANDBY FLIGHT INSTRUMENTS SYSTEM NORMAL/EMERGENCY POWER SWITCH
- 55 AIR BRAKE CONTROL SWITCH
- 56 ANTI-G VALVE TEST BUTTON
- 57 ANTI-G CONTROL SELECTOR
- 58 AIR BRAKE TEST SWITCH
- 59 ATTITUDE INDICATOR
- 60 RUDDER BAR ADJUSTMENT CONTROL LEVER
 

For adjustment of rudder bar for leg reach
- 61 AILERON SPRING FEEL UNIT CONTROL HANDWHEEL
- 62 HEIGHT AND VERTICAL SPEED DISPLAY
- 63 FLAP CONTROL SELECTOR SWITCH
- 64 FLAP POSITION INDICATOR
- 65 UNDERCARRIAGE WARNING LAMP
 

Illuminates when throttle is approximately 1/3 open and the undercarriage is not locked down
- 66 AILERON AND RUDDER TRIM TAB POSITION INDICATORS
- 67 AILERON AND RUDDER TRIM TAB CONTROL SWITCH AND AILERON TRIM LOCK
 

Operation in natural sense, i.e., aircraft responds to the attitude of the silhouette on the switch knob
- 68 CABIN FLOOD AIR SWITCH
- 70 CABIN TEMPERATURE CONTROL SWITCH
- 71 BRAKING PARACHUTE TEST SWITCH, FUSE AND CIRCUIT BREAKER
- 72 CABIN TEMPERATURE SELECTOR SWITCH
- 73 CABIN PRESSURE WARNING LAMP TEST SWITCH
- 74 WHEEL BRAKE PARKING LOCK
- 75 WHEEL BRAKE CONTROL LEVER
- 76 TAIL PLANE INCIDENCE CONTROL SWITCH
 

Normal

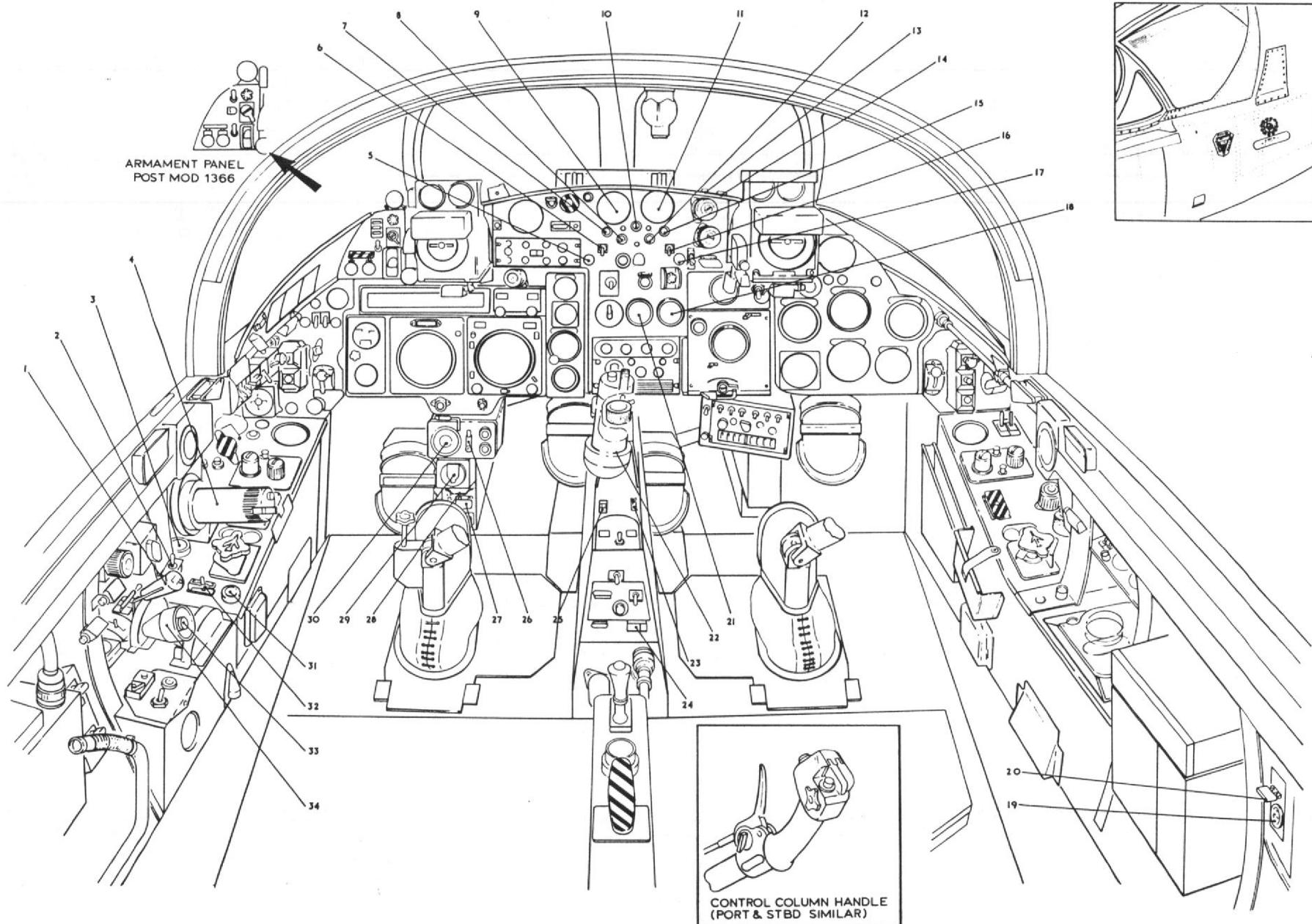


Fig. 5 Engine controls and instruments — Mk. 8B  
◀ (Completely revised) ►

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## KEY TO FIG. 5

(Engine controls and instruments — Mk.8B)

◀ (Completely revised) ▶

1 LOW PRESSURE FUEL COCK CONTROL LEVER	18 EXHAUST GAS THERMOMETER
2 JET PIPE TEMPERATURE CONTROL CUT-OUT SWITCH	19 AMMETER TEST SOCKET Used for test before flight
3 THROTTLE DAMPER	20 FUEL BOOSTER PUMPS TEST SWITCH Used for test before flight
4 THROTTLE	21 TACHOMETER
5 FUEL BOOSTER PUMP FAILURE WARNING LAMP — PORT	22 THROTTLE
6 FUEL BOOSTER PUMP SWITCH — PORT	23 ENGINE ANTI-ICING SWITCH
7 FUEL TRANSFER FAILURE INDICATOR — PORT	24 ENGINE STARTER CIRCUIT BREAKER
8 OUTBOARD DROP TANK EMPTY INDICATOR — PORT TANK	25 ENGINE ANTI-ICING INDICATOR
9 FUEL CONTENTS GAUGE — PORT TANKS	26 ENGINE IGNITION SWITCH
10 FUEL LOW PRESSURE WARNING LAMP	27 ENGINE MASTER SWITCH
11 FUEL CONTENTS GAUGE — STARBOARD TANKS	28 ENGINE STARTER MASTER BAR
12 OUTBOARD DROP TANK EMPTY INDICATOR — STARBOARD TANK	29 ENGINE STARTER PUSH SWITCH AND COVER FLAP
13 FUEL BOOSTER PUMP CIRCUIT BREAKERS	30 ENGINE OIL PRESSURE GAUGE
14 FUEL CONTENTS CHECK SWITCH	31 ENGINE-DRIVEN FUEL PUMP ISOLATED WARNING LAMP
15 FUEL TRANSFER FAILURE INDICATOR — STARBOARD	32 ENGINE-DRIVEN FUEL PUMP ISOLATION SWITCH Normally wire locked. Broken wire indicates use
16 FUEL BOOSTER PUMP SWITCH — STARBOARD	33 ENGINE RELIGHT SWITCH
17 FUEL BOOSTER PUMP FAILURE WARNING LAMP — STARBOARD	34 HIGH PRESSURE FUEL COCK CONTROL LEVER

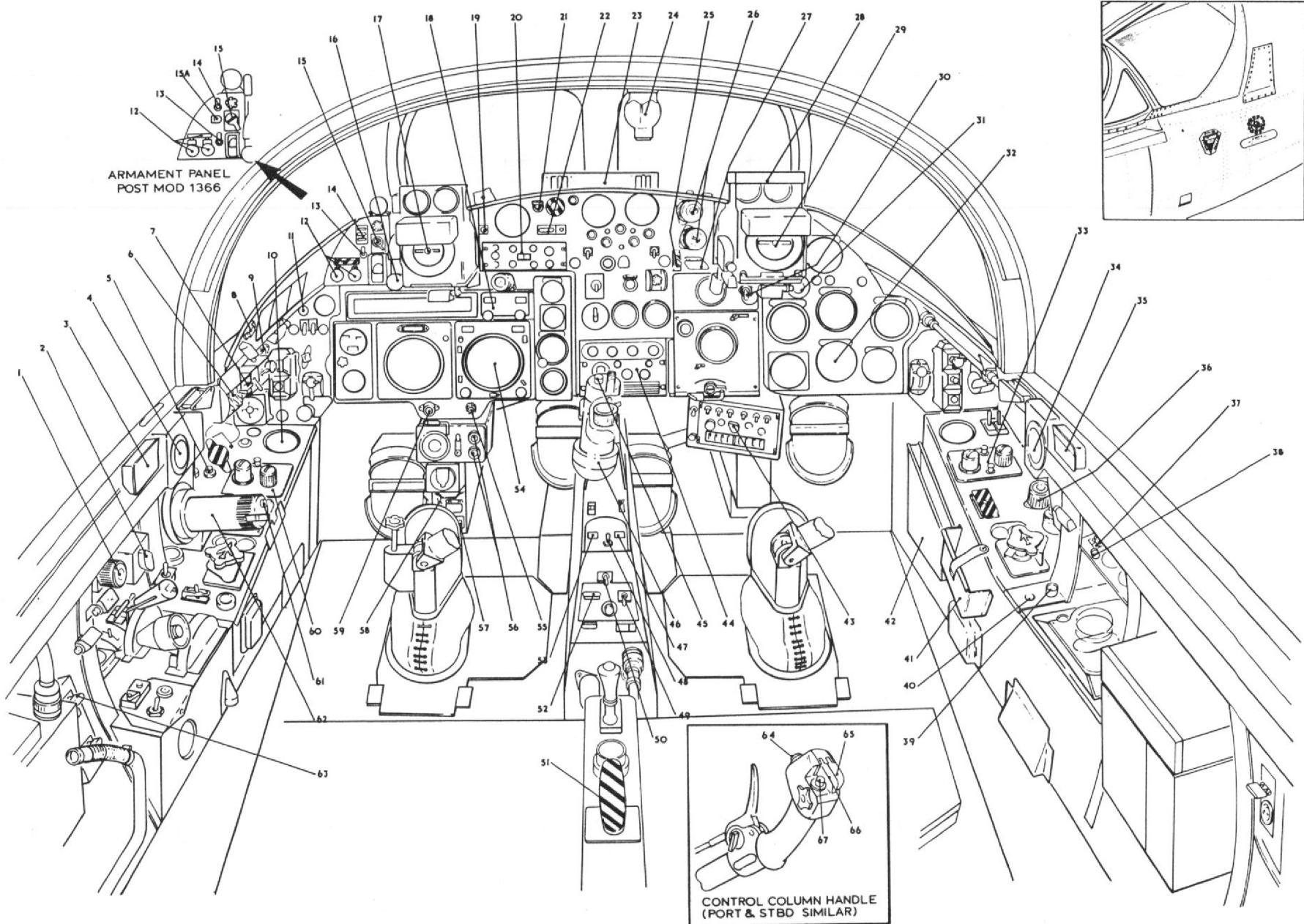


Fig. 6 Armament, navigation, signalling, radio and miscellaneous — Mk. 8B

◀ (Completely revised) ▶

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## KEY TO FIG.6

(Armament, navigation, signalling, radio and miscellaneous - Mk.8B)

1 PORT SHELF LIGHTING DIMMER SWITCH  
 2 BEACON JUNCTION BOX CONTROL SWITCH  
 3 SAFETY PINS STOWAGE  
     Port ejection seat and hood jettison pins  
 4 HOOD LOCK INDICATOR - PORT  
 5 TELE-BRIEFING PUSH SWITCH AND LAMP  
 6 UHF CONTROL SWITCHES  
 7 INBOARD/OUTBOARD PYLON SELECTOR  
     SWITCH  
 8 SAFETY PIN STOWAGE  
     Hood jettison servicing pin  
 9 PORT INSTRUMENT PANEL LIGHTING  
     DIMMER SWITCH  
 10 HYDRAULIC TRIPLE PRESSURE GAUGE  
     Wheel brake and main hydraulic systems  
     pressure  
 11 HYDRAULIC FAILURE WARNING LAMP  
 12 PYLON STORES JETTISON SWITCHES AND  
     'CLEAR AIRCRAFT' JETTISON SWITCH  
     BAR  
 13 BOMB FUZING SWITCH  
 14 BOMB/RP SELECTOR SWITCH  
 15 RP SELECTOR SWITCH  
 15A RP RIPPLE/SALVO/SNEB SELECTOR SWITCH  
 16 WINDSCREEN WIPER CONTROL KNOB  
 17 GYRO GUNSIGHT  
 18 TACAN OFFSET COMPUTER  
 19 GYRO GUNSIGHT MASTER SWITCH  
 20 TACAN CONTROL UNIT  
 21 HOOD LOCKED WARNING LAMP  
 22 HOOD CONTROL SWITCH  
 23 GYRO GUNSIGHT AIR-TO-GROUND  
     RANGE DRIVE PANEL  
 24 STANDBY COMPASS  
 25 HYDRAULIC FAILURE AUDIO WARNING  
     CUT-OUT SWITCH  
 26 CENTRE INSTRUMENT PANEL LIGHTING  
     DIMMER SWITCHES  
 27 NAVIGATION LAMPS SWITCH  
 28 GYRO GUNSIGHT CAMERA RECORDER  
 29 GYRO GUNSIGHT  
 30 ANTI-COLLISION LAMPS SWITCH  
 31 STARBOARD INSTRUMENT PANEL  
     LIGHTING DIMMER SWITCH  
 32 GYRO COMPASS REPEATER  
 33 GYRO GUNSIGHT CONTROL UNIT  
 34 HOOD LOCK INDICATOR - STARBOARD  
 35 SAFETY PINS STOWAGE  
     Starboard ejection seat pins  
 36 STARBOARD SHELF LIGHTING DIMMER  
     SWITCH  
 37 INTERCOMMUNICATION SWITCHES  
 38 MASTER ARMAMENT SAFETY BREAK TEST  
     SWITCH AND LAMP  
 39 MASTER REFERENCE GYRO FAST  
     ERCTION SWITCH  
 40 BUTT TEST SWITCH  
     Operated by use of a test switch key  
 41 GYRO GUNSIGHT CAMERA RECORDER  
     STOWAGE  
 42 MAP STOWAGE  
 43 IFF/SSR CONTROL UNIT  
 44 UHF CONTROL UNIT  
 45 PRESS-TO-TRANSMIT SWITCH  
 46 GYRO GUNSIGHT RANGE CONTROL  
     TWISTGRIP - Not in use  
 47 INVERTER INDICATOR - No.2 GROUP  
 48 CENTRE CONSOLE LIGHTING SWITCH  
 49 STANDBY INVERTER SWITCH  
 50 UHF MUTING SWITCH  
 51 HOOD JETTISON CONTROL HANDLE  
 52 INVERTER CHANGEOVER SWITCH  
 53 INVERTER INDICATOR - No.1 GROUP  
 54 NAVIGATION DISPLAY  
 55 IFIS AND LEG PANEL LIGHTING DIMMER  
     SWITCH  
 56 GENERATOR POWER FAILURE WARNING  
     LAMPS  
 57 PRESSURE HEAD HEATER SWITCH  
 58 BATTERY MASTER SWITCH  
 59 MASTER REFERENCE GYRO FAST  
     ERCTION SWITCH  
 60 GYRO GUNSIGHT CONTROL UNIT  
 61 PRESS-TO-TRANSMIT SWITCH  
 62 GYRO GUNSIGHT RANGE CONTROL  
     TWISTGRIP - Not in use  
 63 HOOD OVERRIDE SWITCH  
 64 GUN FIRING TRIGGER  
 65 BOMB/RP SWITCH AND SAFETY FLAP  
 66 GUN FIRING SAFETY FLAP AND TRIGGER  
     RELEASE  
 67 CAMERA CONTROL PUSH SWITCH

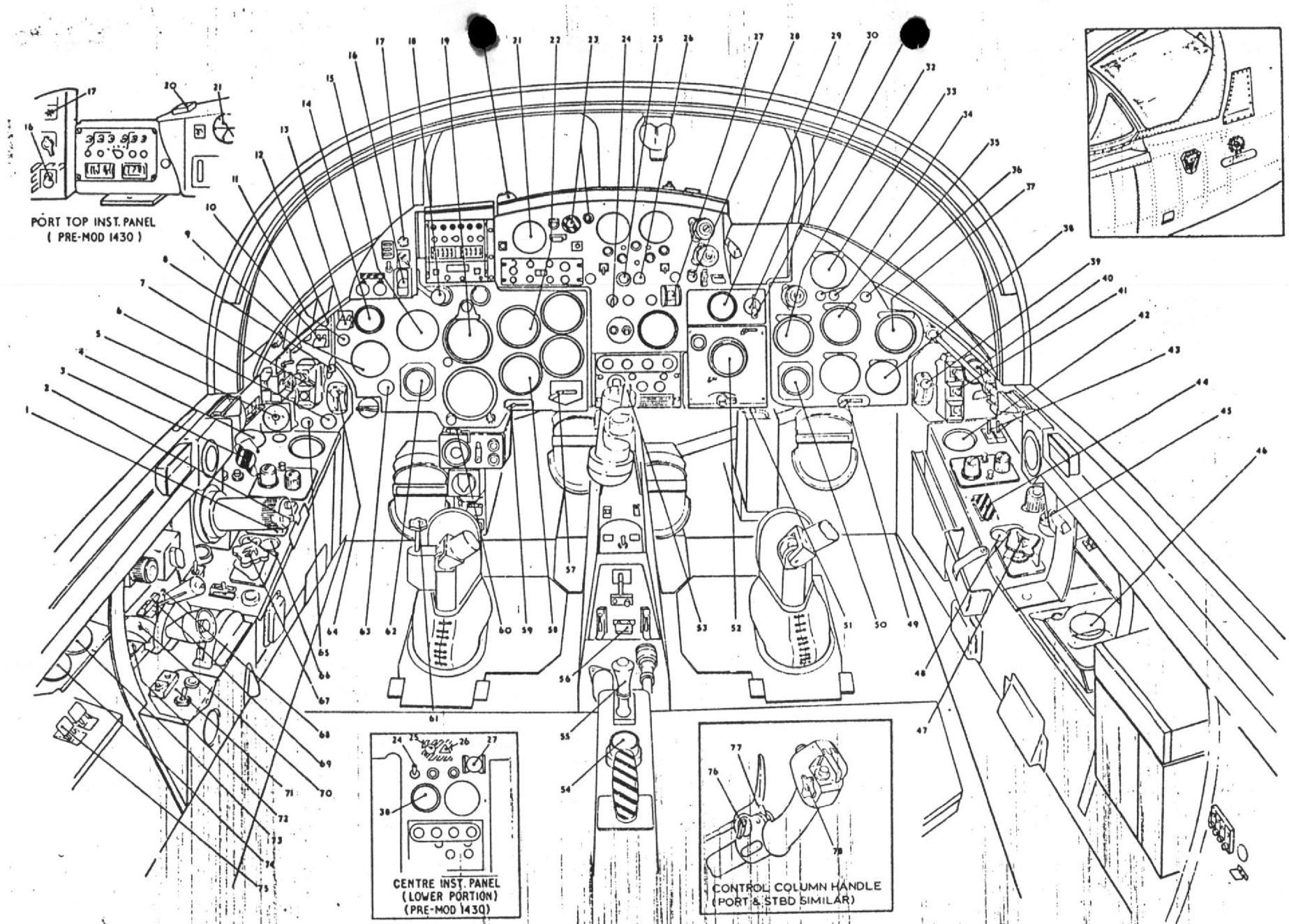


Fig. 7 Flying controls and instruments — Mk.8C  
 ► (Mods 1380 and 1480 added) ◀

- 1 TAIL PLANE TRIM STANDBY CONTROL SWITCH
- 2 AIR BRAKE CONTROL SWITCH
- 3 UNDERCARRIAGE EMERGENCY CONTROL
- 4 WHEEL BRAKE ACCUMULATOR PRESSURE GAUGE
- 5 UNDERCARRIAGE INDICATOR
 

Lamp sequence:-

GREEN	Undercarriage locked down
RED	Undercarriage unlocked
ALL OFF	Undercarriage locked up
- 6 AIR BRAKE INDICATOR
- 7 UNDERCARRIAGE CONTROL SELECTOR SWITCH UNIT
 

Interlocking push switches. Top for UP, bottom for DOWN. Operative only when bottom push switch of starboard selector switch unit is depressed. Clockwise rotation of outer ring of UP push switch overrides the safety lock
- 8 FLAP EMERGENCY SELECTOR
- 9 MACHMETER
- 10 AILERON POWER CONTROL SWITCH
- 11 AILERON POWER CONTROL INDICATOR
 

Indicates white with power OFF
- 12 ELEVATOR POWER CONTROL INDICATOR
 

Indicates white with power OFF
- 13 ELEVATOR POWER CONTROL SWITCH
- 14 TAIL PLANE POSITION INDICATOR
- 15 AIRSPEED INDICATOR
- 16 ARRESTING HOOK SELECTOR SWITCH
- 17 BRAKING PARACHUTE CONTROL SWITCH
- 18 STICK CENTRING WHITE SPOT
- 19 ARTIFICIAL HORIZON
- 20 BRAKING PARACHUTE STREAM WARNING LAMP
- 21 ACCELEROMETER
- 22 RATE OF CLIMB INDICATOR
- 23 FIRE WARNING LAMP, EXTINGUISHER PUSH SWITCH AND LAMP TEST PUSH SWITCH
- 24 TAIL PLANE SELECTOR SWITCH
- 25 ARRESTING HOOK WARNING LAMP
- 26 ARRESTING HOOK SELECTOR SWITCH

## KEY TO FIG. 7

(Flying controls and instruments - Mk. 8C)

- 27 BRAKING PARACHUTE CONTROL SWITCH
- 28 CABIN PRESSURE WARNING LAMP
- 29 OXYGEN CONTENTS GAUGE
- 30 STICK CENTRING WHITE SPOT
- 31 AUTOSTABILIZER SWITCH
- 32 MACHMETER
- 33 AIRSPEED INDICATOR
- 34 AILERON AND ELEVATOR POWER CONTROL INDICATORS
 

Indicate white with power OFF
- 35 ARTIFICIAL HORIZON
- 36 OXYGEN FLOW INDICATOR
- 37 RATE OF CLIMB INDICATOR
- 38 TURN AND SLIP INDICATOR
- 39 FLAP CONTROL SELECTOR SWITCH
 

The stop plate must be released to allow the control lever to be moved upward, beyond the 'fully-up' position, before the port selector switch is operative. This selector switch overrides the port selector switch
- 40 CABIN ALTIMETER
- 41 UNDERCARRIAGE CONTROL SELECTOR SWITCH UNIT
 

Interlocking push switches. Top for UP, centre for DOWN. Selection of bottom push switch gives control to the port selector switch unit. Clockwise rotation of outer ring of UP push switch overrides the safety lock. Operation of this selector switch unit overrides the port selector switch unit
- 42 ANTI-G AIR SUPPLY PRESSURE GAUGE
- 43 AILERON AND ELEVATOR POWER CONTROL OVERRIDE SWITCHES
- 44 TAIL PLANE TRIM CUT-OUT SWITCH
- 45 ANTI-G VALVE TEST BUTTON
- 46 OXYGEN DEMAND REGULATOR
- 47 AILERON TRIM TAB CONTROL SWITCH AND LOCK
- 48 AILERON AND RUDDER TRIM TAB POSITION INDICATORS
- 49 TURN AND SLIP INDICATOR STANDBY SWITCH
- 50 ALTIMETER
- 51 RUDDER BAR ADJUSTMENT CONTROL LEVER
 

For adjustment of rudder bar for leg reach
- 52 OXYGEN DEMAND REGULATOR
- 53 AIR BRAKE CONTROL SWITCH
- 54 ANTI-G VALVE TEST BUTTON
- 55 ANTI-G CONTROL SELECTOR
- 56 AIR BRAKE TEST SWITCH
- 57 ALTIMETER NORMAL/STANDBY POWER SUPPLY SWITCH
- 58 TURN AND SLIP INDICATOR
- 59 TURN AND SLIP INDICATOR STANDBY SWITCH
- 60 RUDDER BAR ADJUSTMENT CONTROL LEVER
 

For adjustment of rudder bar for leg reach
- 61 AILERON SPRING FEEL CONTROL UNIT HANDWHEEL
- 62 ALTIMETER
- 63 FLAP POSITION INDICATOR
- 64 FLAP CONTROL SELECTOR SWITCH
- 65 UNDERCARRIAGE WARNING LAMP
 

Illuminates when throttle is approximately 1/3 open and the undercarriage is not locked down
- 66 AILERON AND RUDDER TRIM TAB POSITION INDICATORS
- 67 AILERON AND RUDDER TRIM TAB CONTROL SWITCH AND AILERON TRIM LOCK
 

Operation in natural sense, i.e., aircraft responds to the attitude of the silhouette on the switch knob
- 68 CABIN FLOOD AIR FLOW SWITCH
- 69 CABIN PRESSURE CONTROL SWITCH
- 70 CABIN TEMPERATURE CONTROL SWITCH
- 71 BRAKING PARACHUTE TEST SWITCH, FUSE AND CIRCUIT BREAKER
- 72 CABIN TEMPERATURE SELECTOR SWITCH
- 73 FLAP EMERGENCY AIR PRESSURE GAUGE
- 74 UNDERCARRIAGE EMERGENCY AIR PRESSURE GAUGE
- 75 CABIN PRESSURE WARNING LAMP TEST SWITCH
- 76 WHEEL BRAKE PARKING LOCK
- 77 WHEEL BRAKE CONTROL LEVER
- 78 TAIL PLANE INCIDENCE CONTROL SWITCH
 

Normal

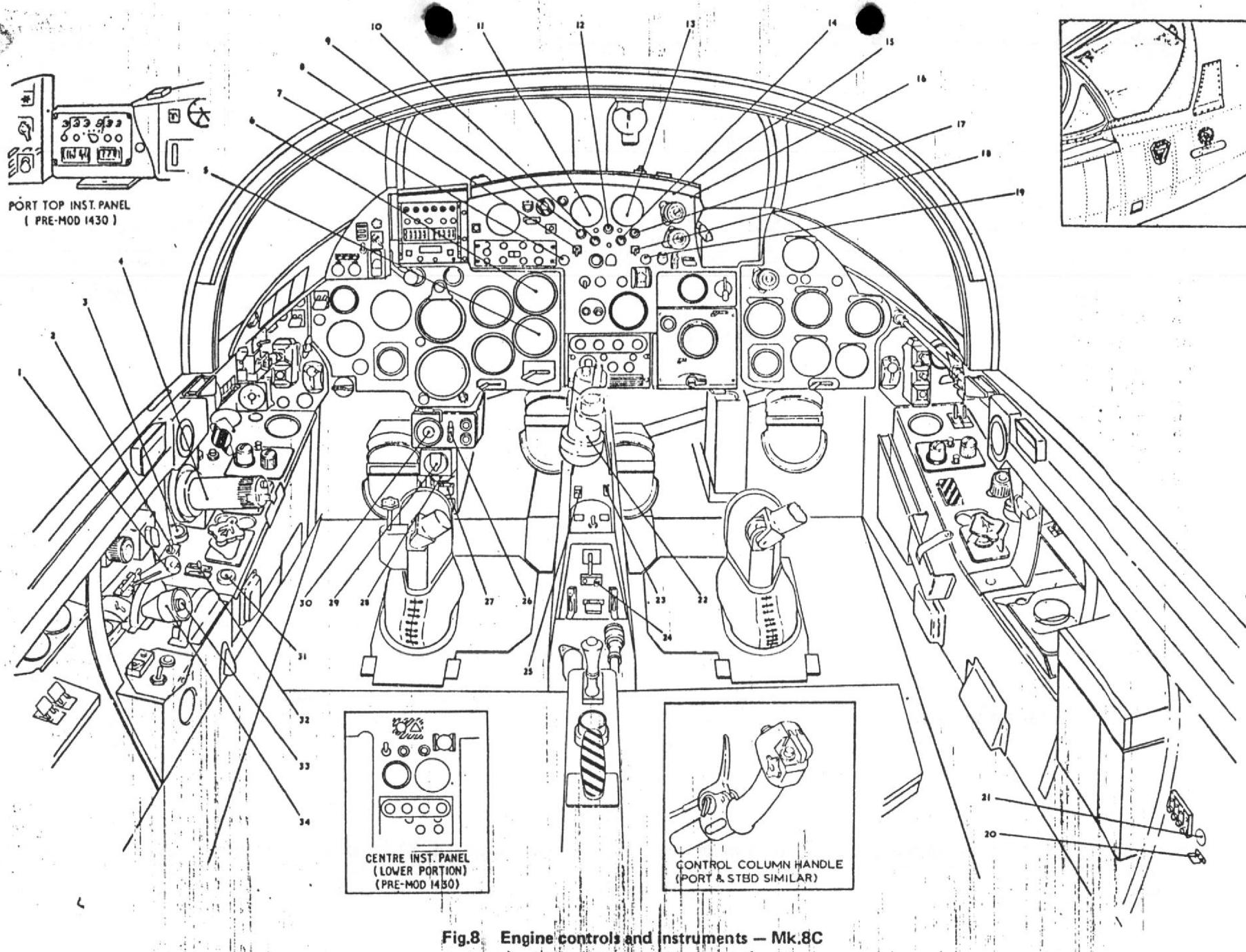


Fig.8 Engine controls and instruments — Mk.8C  
 ▶ (Mods 1380 and 1430 added) ◀

## KEY TO FIG. 8

(Engine controls and instruments - Mk. 8C)

- 1 LOW PRESSURE FUEL COCK CONTROL LEVER
- 2 JET PIPE TEMPERATURE CONTROL CUT-OUT SWITCH
- 3 THROTTLE DAMPER
- 4 THROTTLE
- 5 TACHOMETER
- 6 EXHAUST GAS THERMOMETER
- 7 FUEL BOOSTER PUMP FAILURE WARNING LAMP - PORT
- 8 FUEL BOOSTER PUMP SWITCH - PORT
- 9 FUEL TRANSFER FAILURE INDICATOR - PORT
- 10 OUTBOARD DROP TANK EMPTY INDICATOR - PORT TANK
- 11 FUEL CONTENTS GAUGE - PORT TANKS
- 12 FUEL LOW PRESSURE WARNING LAMP
- 13 FUEL CONTENTS GAUGE - STARBOARD TANKS
- 14 OUTBOARD DROP TANK EMPTY INDICATOR - STARBOARD TANK
- 15 FUEL BOOSTER PUMP CIRCUIT BREAKERS
- 16 FUEL CONTENTS CHECK SWITCH
- 17 FUEL TRANSFER FAILURE INDICATOR - STARBOARD
- 18 FUEL BOOSTER PUMP SWITCH - STARBOARD
- 19 FUEL BOOSTER PUMP FAILURE WARNING LAMP - STARBOARD
- 20 FUEL BOOSTER PUMPS TEST SWITCH  
Used for test before flight
- 21 AMMETER TEST SOCKET  
Used for test before flight
- 22 THROTTLE
- 23 ENGINE ANTI-ICING SWITCH
- 24 ENGINE STARTER CIRCUIT BREAKER
- 25 ENGINE ANTI-ICING INDICATOR
- 26 ENGINE IGNITION SWITCH
- 27 ENGINE MASTER SWITCH
- 28 ENGINE STARTER MASTER BAR
- 29 ENGINE STARTER PUSH SWITCH AND COVER FLAP
- 30 ENGINE OIL PRESSURE GAUGE
- 31 ENGINE-DRIVEN FUEL PUMP ISOLATED WARNING LAMP
- 32 ENGINE-DRIVEN FUEL PUMP ISOLATION SWITCH  
Normally wire locked. Broken wire indicates use
- 33 ENGINE RELIGHT SWITCH
- 34 HIGH PRESSURE FUEL COCK CONTROL LEVER

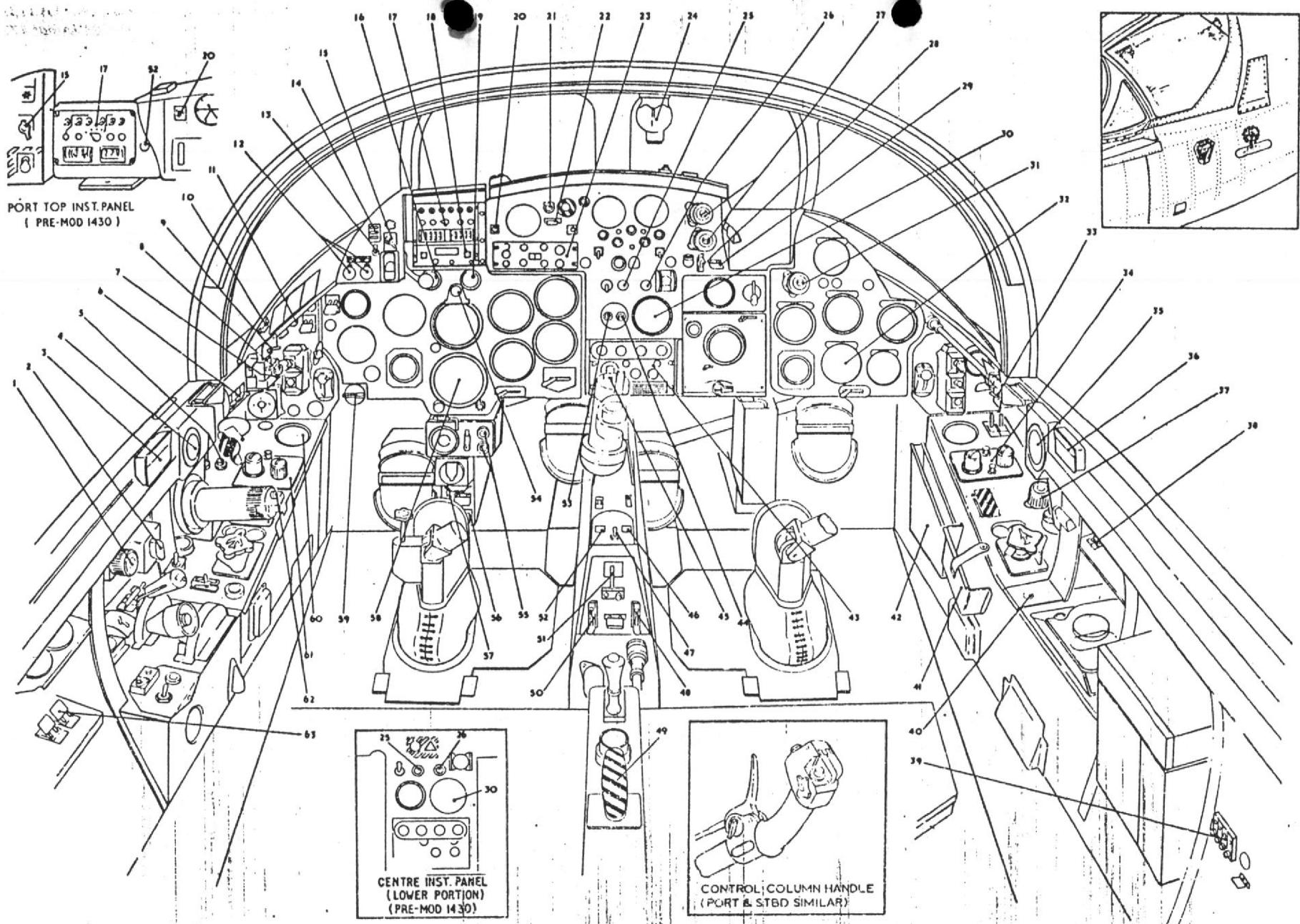


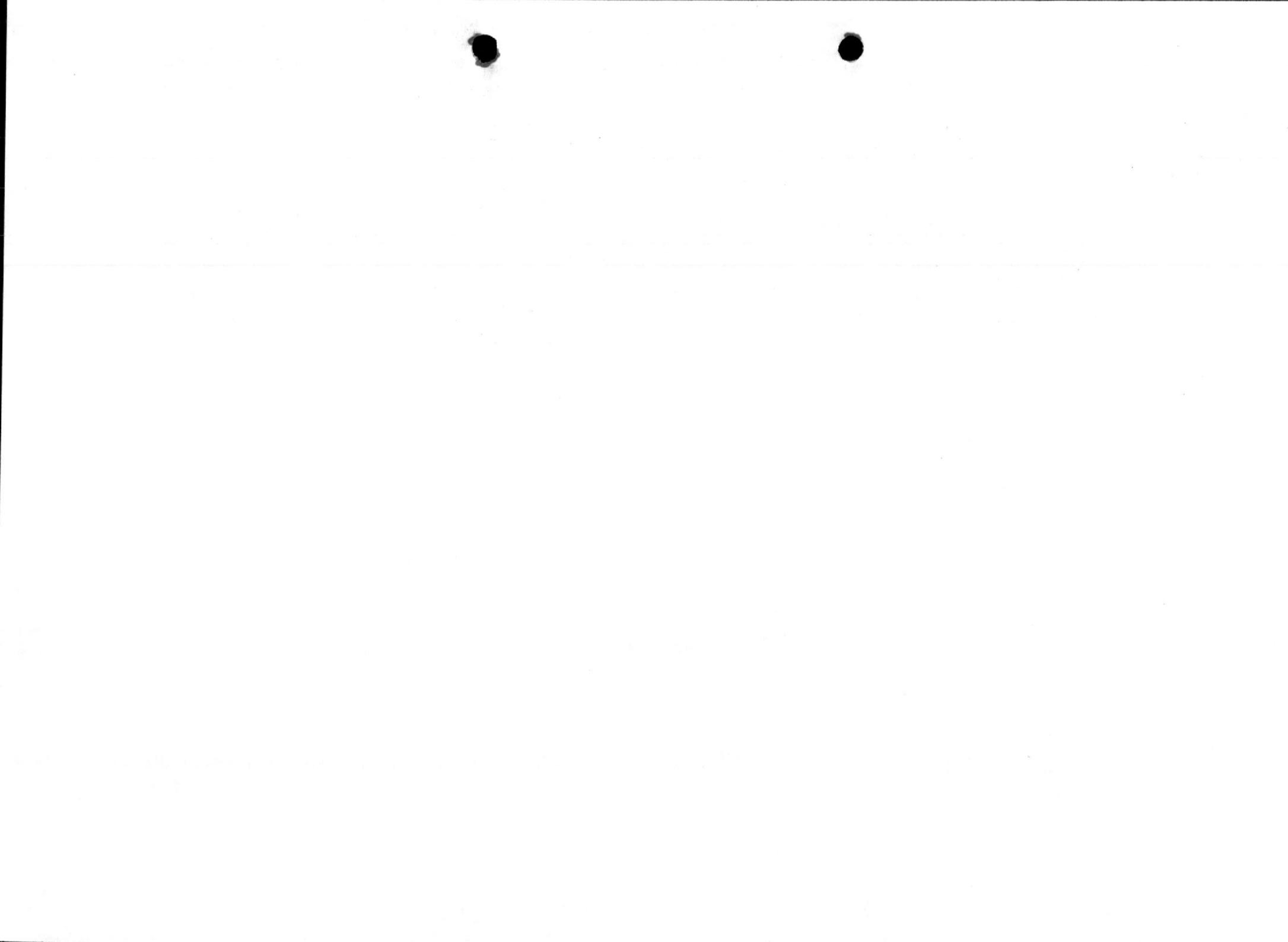
Fig.9 Armament, navigation, signalling, radio and miscellaneous — Mk.8C  
 ► (Mods 1380 and 1430 added) ◀

## KEY TO FIG. 9

(Armament, navigation, signalling, radio and miscellaneous - Mk. 8C)

- 1 PORT SHELF LIGHTING DIMMER SWITCH
- 2 BEACON JUNCTION BOX CONTROL SWITCH
- 3 SAFETY PINS STOWAGE  
Port ejection seat and hood jettison pins
- 4 HOOD LOCK INDICATOR - PORT
- 5 TELE-BRIEFING PUSH SWITCH AND LAMP
- 6 UHF CONTROL SWITCHES
- 7 NOSE 'GRIMES' LAMP SWITCH AND INDICATOR
- 8 AUTO-TONE OVERRIDE SWITCH
- 9 UHF AERIAL SELECTOR SWITCH
- 10 SAFETY PIN STOWAGE  
Hood jettison servicing pin
- 11 HYDRAULIC FAILURE WARNING LAMP
- 12 PYLON STORES JETTISON SWITCHES AND 'CLEAR AIRCRAFT' JETTISON SWITCH BAR
- 13 BOMB FUZING SWITCH  
Not in use
- 14 BOMB/RP SELECTOR SWITCH  
Not in use
- 15 RP SELECTOR SWITCH  
Not in use
- 16 PORT INSTRUMENT PANEL LIGHTING DIMMER SWITCH
- 17 IFF/SSR CONTROL UNIT
- 18 VHF CONTROL UNIT
- 19 PORT INSTRUMENT PANEL LIGHTING DIMMER SWITCH
- 20 GYRO GUNSIGHT MASTER SWITCH  
Not in use

- 21 HOOD LOCKED WARNING LAMP
- 22 HOOD CONTROL SWITCH
- 23 TACAN CONTROL UNIT
- 24 STANDBY COMPASS
- 25 TACAN POWER SUPPLY RESET PUSH SWITCH
- 26 TACAN POWER SUPPLY FAILURE INDICATOR
- 27 CENTRE INSTRUMENT PANEL LIGHTING DIMMER SWITCHES
- 28 HYDRAULIC FAILURE AUDIO WARNING CUT-OUT SWITCH
- 29 NAVIGATION LAMPS SWITCH
- 30 TACAN INDICATOR
- 31 STARBOARD INSTRUMENT PANEL LIGHTING DIMMER SWITCH
- 32 GYRO COMPASS REPEATER
- 33 AUTO-TONE OVERRIDE SWITCH
- 34 GYRO GUNSIGHT CONTROL UNIT  
Not in use
- 35 HOOD LOCK INDICATOR - STARBOARD
- 36 SAFETY PINS STOWAGE  
Starboard ejection seat pins
- 37 STARBOARD SHELF LIGHTING DIMMER SWITCH
- 38 INTERCOMMUNICATION SWITCHES
- 39 INVERTER CIRCUIT BREAKERS
- 40 BUTT TEST SWITCH  
Not in use
- 41 GYRO GUNSIGHT CAMERA RECORDER STOWAGE  
Not in use
- 42 MAP STOWAGE
- 43 UHF CONTROL UNIT
- 44 ANTI-COLLISION LAMPS SWITCH
- 45 PRESS-TO-TRANSMIT SWITCH
- 46 INVERTER INDICATOR - No.1 GROUP
- 47 CENTRE CONSOLE LIGHTING SWITCH
- 48 INVERTER STANDBY AND RESET SELECTOR SWITCH - No.1 GROUP
- 49 HOOD JETTISON CONTROL HANDLE
- 50 INVERTER STANDBY AND RESET SELECTOR SWITCH - No.2 GROUP
- 51 UHF MUTING SWITCH
- 52 INVERTER INDICATOR - No.2 GROUP
- 53 IFF/SSR FAILURE LAMP
- 54 STANDBY INVERTER INDICATOR
- 55 GENERATOR POWER FAILURE WARNING LAMPS
- 56 PRESSURE HEAD HEATER SWITCH
- 57 BATTERY MASTER SWITCH
- 58 GYRO COMPASS
- 59 WINDSCREEN WIPER CONTROL KNOB
- 60 HYDRAULIC TRIPLE PRESSURE GAUGE  
Wheel brake and main hydraulic systems pressure
- 61 GYRO GUNSIGHT CONTROL UNIT  
Not in use
- 62 PRESS-TO-TRANSMIT SWITCH
- 63 HOOD OVERRIDE SWITCH





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