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PART 6
ILLUSTRATIONS

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PART 6 ILLUSTRATIONS

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KEY TO FIG.1 (PORT SIDE OF COCKPIT)

- 1 ENGINE FUEL VALVE BY-PASS SWITCHES
- 2 V.H.F. CONTROLLER NO.2
- 3 RADIO ALTIMETER HEIGHT SELECTOR SWITCH (not operative)
- 4 RADIO ALTIMETER ON - OFF SWITCH (not operative)
- 5 TAIL PLANE TRIM STANDBY CONTROL
- 6 RUDDER/AILERON TRIM CONTROL
- 7 WHEEL BRAKES PRESSURE GAUGE
- 8 EMERGENCY ARRESTER HOOK CONTROL SWITCH
- 9 THROTTLE LEVERS
- 10 ENGINE START AND RE-LIGHT PUSH-BUTTON (PORT)
- 11 RUDDER STOP SWITCH
- 12 BATTERY MASTER SWITCH
- 13 AIR BRAKES STANDBY CONTROL
- 14 UNDERCARRIAGE PUSH-BUTTON SELECTOR UNIT
- 15 BLOWING SYSTEM SWITCH
- 16 MAIN PLANE FLAPS SELECTOR CONTROL
- 17 TAIL PLANE FLAP SELECTOR SWITCH
- 18 UNDERCARRIAGE POSITION INDICATOR
- 19 AILERON DROOP SELECTOR CONTROL
- 20 TAIL PLANE TRIM INDICATOR
- 21 RUDDER TRIM INDICATOR
- 22 AILERON TRIM INDICATOR
- 23 TAIL PLANE TRIM RATE SWITCH
- 24 ENGINE START AND RE-LIGHT PUSH-BUTTON (STBD.)
- 25 AIR BRAKE SELECTOR SWITCH
- 26 PRESS-TO-TRANSMIT SWITCH
- 27 NOSE WHEEL STEERING PUSH-BUTTON
- 28 THROTTLE LEVER DAMPING CONTROL
- 29 BOMB DOOR POSITION INDICATOR
- 30 BOMB DOOR SELECTOR
- 31 ANTI-SPIN PARACHUTE CONTROL
- 32 ENGINE THROTTLE POSITION INDICATORS
- 33 BLOWING SYSTEM PRESSURE GAUGES
- 34 RECORDER MASTER SWITCH
- 35 V.H.F. MUTE SWITCH
- 36 V.H.F. SELECTOR SWITCH
- 37 V.H.F. POWER SUPPLY CHANGEOVER SWITCH
- 38 VOICE RECORDER SWITCH
- 39 VOICE RECORDER STANDBY SWITCH
- 40 ENGINE MASTER COCKS
- 41 AUTO-PILOT RESET SWITCH
- 42 V.H.F. CONTROLLER NO.1

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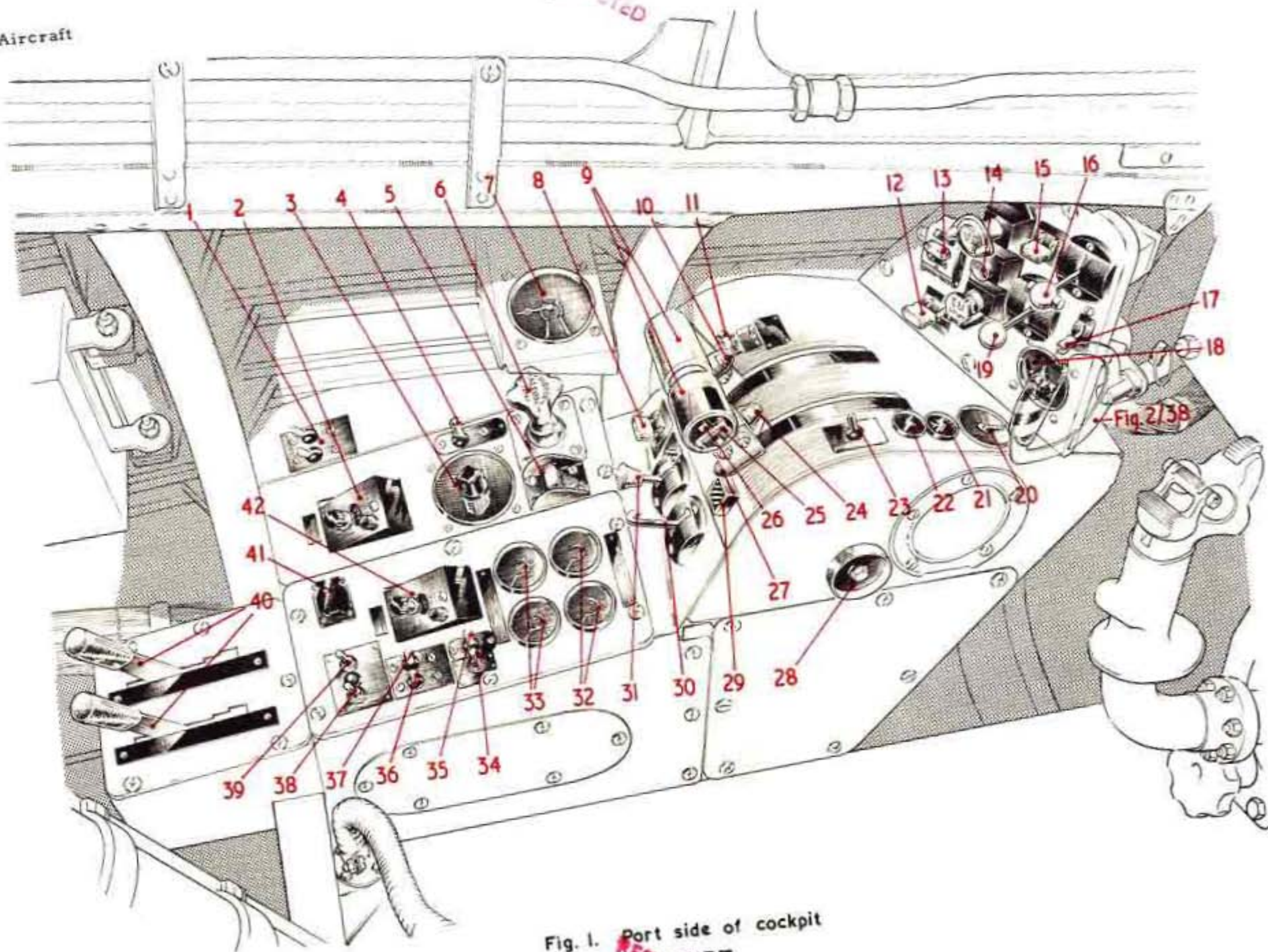


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Fig. 1. Port side of cockpit

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KEY TO FIG. 2 (INSTRUMENT PANEL)

- 1 ATTENTION WARNING LAMP
- 2 RUDDER STOP INDICATOR
- 3 VOICE RECORDER INDICATOR
- 4 TAIL PLANE FLAP POSITION INDICATOR
- 5 BLOWING SYSTEM INDICATOR
- 6 ANGLE OF INCIDENCE METER
- 7 FLAPS POSITION INDICATOR
- 8 AILERON DROOP POSITION INDICATOR
- 9 AIR BRAKE POSITION INDICATOR
- 10 NORMAL ACCELEROMETER
- 11 OXYGEN INDICATORS
- 12 YAW METER
- 13 ENGINE SPEED INDICATOR (PORT)
- 14 ATTENTION WARNING LAMP
- 15 ENGINE SPEED INDICATOR (STBD.)
- 16 UNDERCARRIAGE WARNING LAMP
- 17 TAIL PLANE ANGLE INDICATOR
- 18 ROLLER BLIND ATTITUDE INDICATOR
- 19 INVERTER FAILURE WARNING INDICATOR
- 20 INLET GUIDE VANE POSITION INDICATORS
- 21 MACHMETER
- 22 AIR SPEED INDICATOR
- 23 TAIL PLANE TRIM CONTROL
- 24 MK. 5 FT. COMPASS
- 25 TURN AND SLIP INDICATOR STANDBY SUPPLY SWITCH
- 26 RATE-OF-CLIMB INDICATOR
- 27 JET PIPE TEMPERATURE INDICATORS
- 28 FUEL PROPORTIONER FAILURE INDICATOR
- 29 CABIN ALTIMETER
- 30 RADIO ALTIMETER
- 31 ALTIMETER
- 32 TURN AND SLIP INDICATOR
- 33 FUEL CONTENTS GAUGE SELECTOR SWITCH
- 34 FUEL CONTENTS GAUGE
- 35 CANOPY JETTISON CONTROL HANDLE
- 36 RUDDER PEDAL (PORT)
- 37 AUTO-PILOT CUT-OUT BUTTON
- 38 AUTO-PILOT ENGAGE BUTTON
- 39 AUTO-PILOT DISENGAGE BUTTON
- 40 RUDDER PEDAL (STBD.)
- 41 COMPRESSOR BLADE TIP CLEARANCE INDICATOR
- 42 STANDBY COMPASS
- 43 RUDDER PEDALS LEG REACH ADJUSTER

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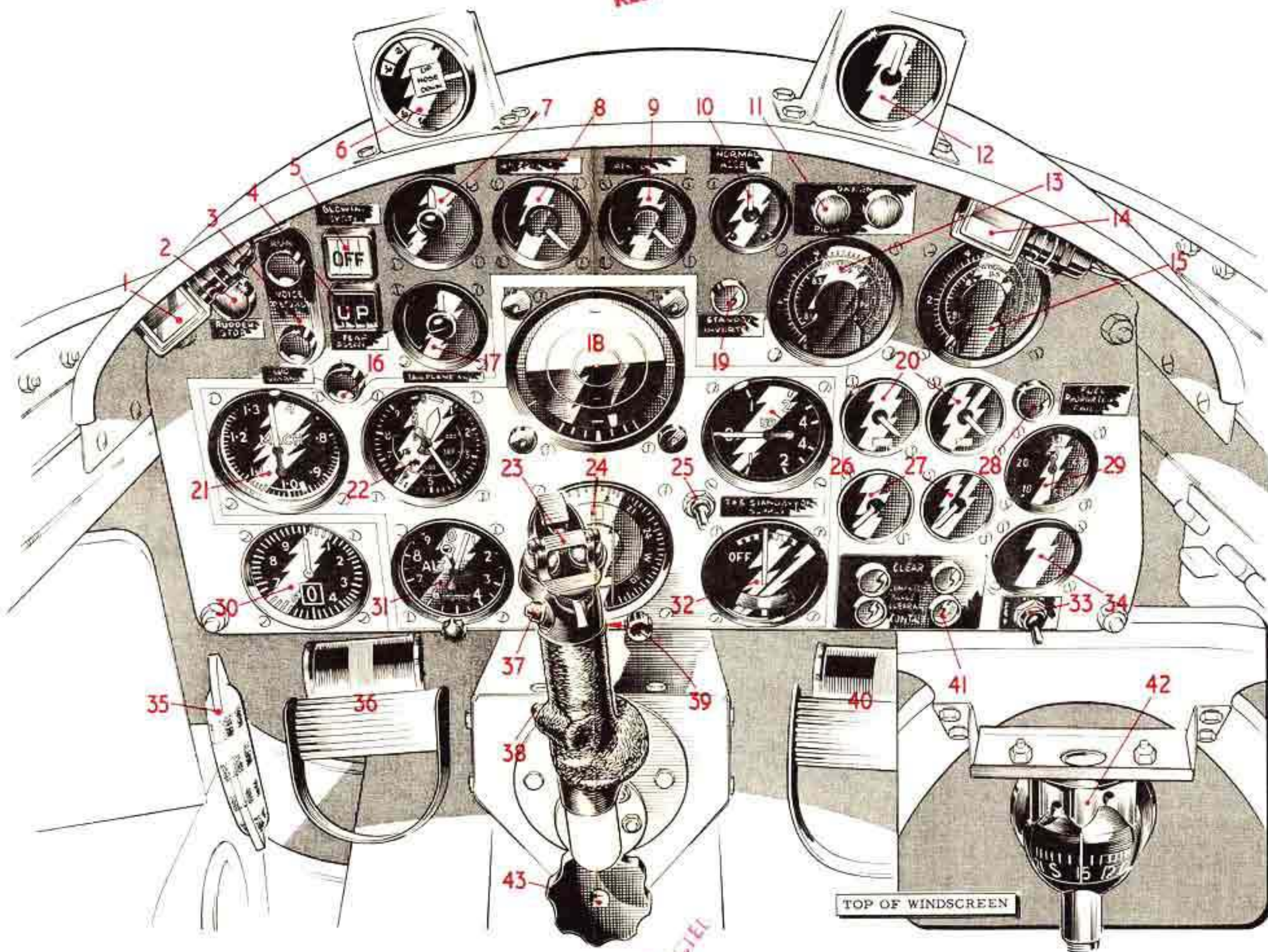


Fig. 2. Instrument panel

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KEY TO FIG. 3 (STARBOARD SIDE OF COCKPIT)

- 1 UNDERCARRIAGE EMERGENCY OVERRIDE SWITCH
- 2 BOMB DOOR STANDBY SELECTOR SWITCH
- 3 TAIL PLANE FLAP STANDBY SWITCH
- 4 AILERON DROOP STANDBY SELECTOR SWITCH
- 5 MAIN PLANE FLAPS STANDBY SELECTOR SWITCH
- 6 CROSS-FEED FUEL COCK SELECTOR SWITCH
- 7 WHEEL BRAKES EMERGENCY ACCUMULATOR PRESSURE GAUGE
- 8 SLIDING CANOPY CONTROL HANDLE
- 9 SLIDING CANOPY ACTUATOR DE-CLUTCHING CONTROL
- 10 FUEL INTER-TANK TRANSFER COCK
- 11 HYDRAULIC PUMP FAILURE INDICATOR (STBD.)
- 12 CROSS-FEED COCK INDICATOR
- 13 FUEL TANK PRESSURE INDICATOR
- 14 GENERAL SERVICES HYDRAULIC SYSTEM INDICATOR
- 15 HYDRAULIC PUMP FAILURE INDICATOR (PORT)
- 16 WHEEL BRAKES PARKING AND EMERGENCY CONTROL
- 17 FUEL PUMP INLET PRESSURE GAUGE (PORT)
- 18 EMERGENCY VENTILATION CONTROL
- 19 FUEL PUMP INLET PRESSURE GAUGE (STBD.)
- 20 FUEL JETTISON CONTROL
- 21 FLIGHT INSTRUMENTS MAIN INVERTER SWITCH
- 22 FLIGHT INSTRUMENTS STANDBY INVERTER SWITCH
- 23 CABIN PRESSURIZATION SWITCH
- 24 PRESSURE HEADS HEATER SWITCH
- 25 ENGINE DE-ICING SWITCH
- 26 REFUEL/DEFUEL MASTER SWITCH
- 27 ENGINE OIL PRESSURE GAUGE (PORT)
- 28 ENGINE OIL PRESSURE GAUGE (STBD.)
- 29 STOWAGE FOR PILOT'S NOTES
- 30 ANTI-G SUIT ON/OFF VALVE
- 31 WINDSCREEN AND CANOPY DE-MISTING CONTROL
- 32 CENTRALIZED WARNING PANEL
- 33 DEVIATION CARD HOLDER
- 34 AMBIENT AIR TEMPERATURE INDICATOR
- 35 OXYGEN CONTENTS GAUGE
- 36 EMERGENCY OXYGEN CONTROL
- 37 AUTO-PILOT CONTROL PANEL
- 38 NOSE WHEEL UP-LOCK STANDBY CONTROL
- 39 OXYGEN DEMAND REGULATOR
- 40 CABIN TEMPERATURE SELECTOR
- 41 CABIN TEMPERATURE SELECTOR SWITCH
- 42 ANTI-G VALVE

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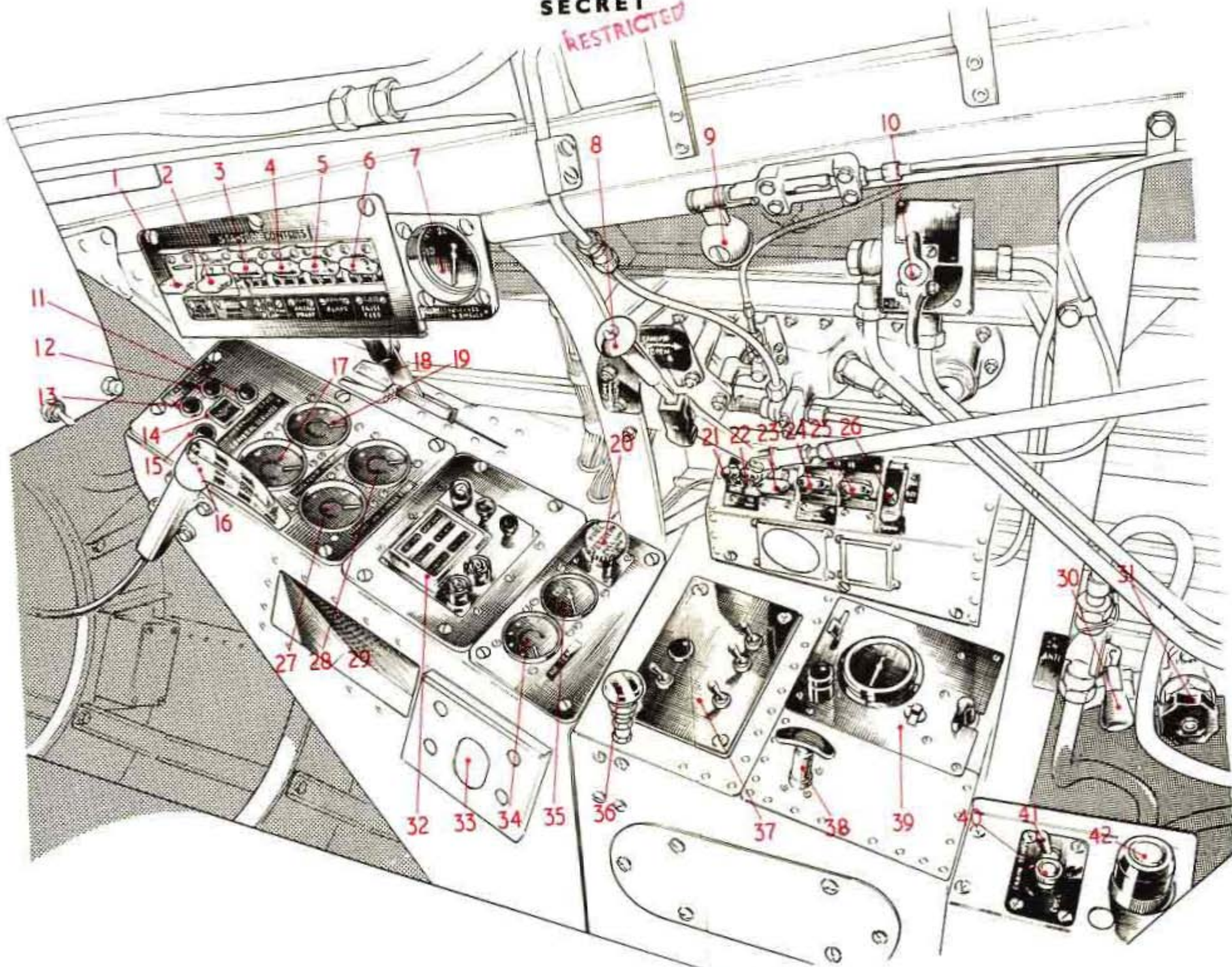


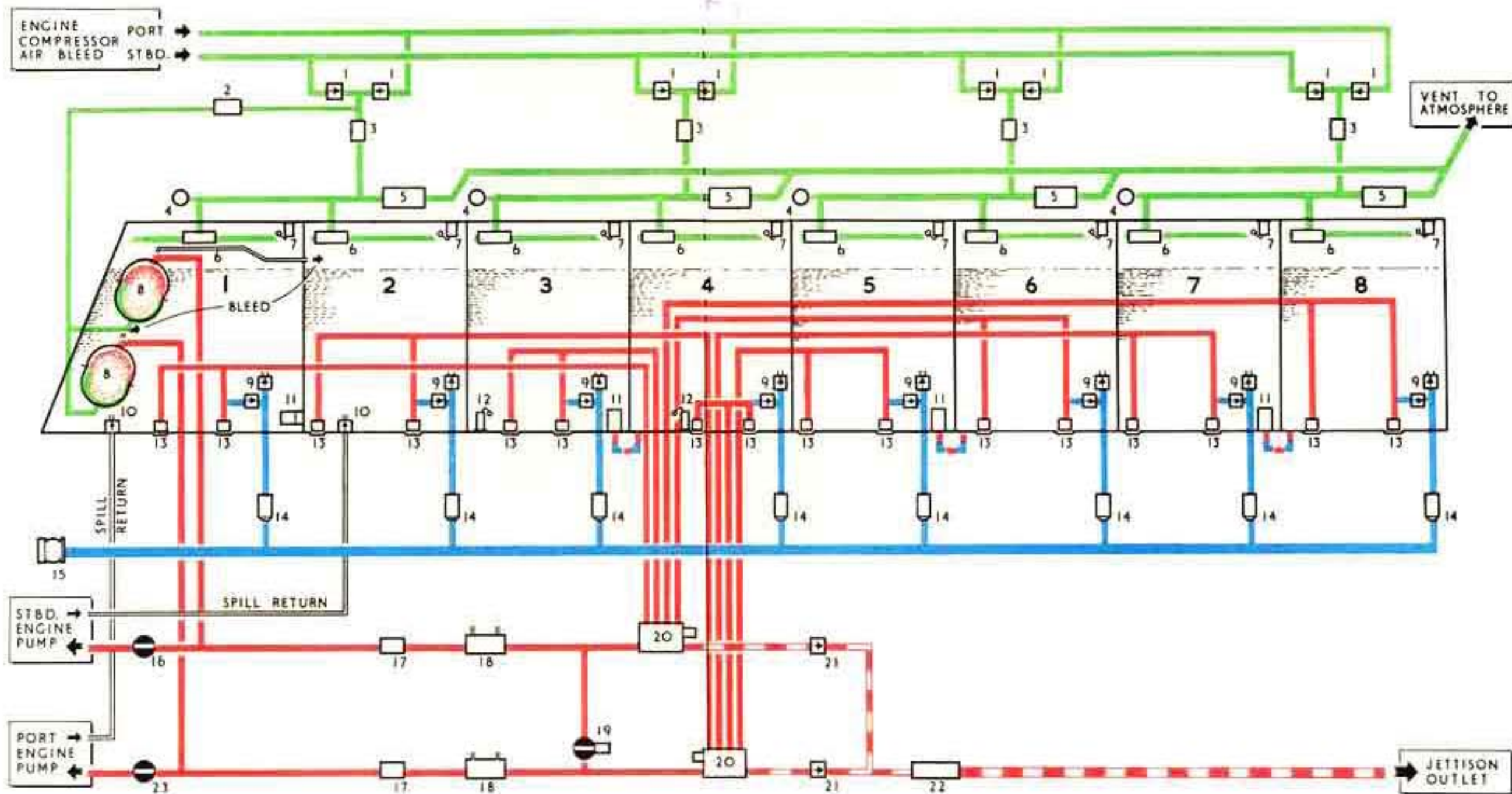
Fig. 3. Starboard side of cockpit

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KEY TO FIG. 4 (FUEL SYSTEM DIAGRAM)

- 1 NON-RETURN VALVE
- 2 PRESSURE REDUCING VALVE
- 3 PRESSURE REDUCING VALVE
- 4 TANK PRESSURE SWITCH
- 5 INWARD/OUTWARD VENT VALVE
- 6 VENT SHUTTLE VALVE
- 7 HIGH LEVEL FLOAT SWITCH
- 8 RECUPERATOR
- 9 TWIN NON-RETURN VALVE
- 10 NON-RETURN VALVE
- 11 INTER-TANK TRANSFER VALVE
- 12 LOW-LEVEL FLOAT SWITCH
- 13 FUEL/NO AIR VALVE
- 14 REFUEL/DEFUEL VALVE
- 15 GROUND REFUELLING COUPLING
- 16 LOW-PRESSURE SHUT-OFF COCK (STARBOARD)
- 17 FLOWMETER TRANSMITTER
- 18 HYDRAULIC FLUID HEAT EXCHANGER
- 19 CROSS-FEED COCK AND ACTUATOR
- 20 FUEL FLOW PROPORTIONER
- 21 NON-RETURN VALVE
- 22 JETTISON VALVE
- 23 LOW PRESSURE SHUT-OFF COCK (PORT)
- 24 WATER/SEDIMENT DRAIN VALVE

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Colour code

	REFUEL DEFUEL
	ENGINE SUPPLY
	JETTISON
	TANK PRESSURISATION AND VENTING
	INTER TANK TRANSFER

Fig.4. Fuel system diagram

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KEY TO FIG.5 (HYDRAULIC SYSTEM DIAGRAM - FLYING CONTROLS)

- 1 RESERVOIR
- 2 ENGINE-DRIVEN PUMP
- 3 LINE FILTER
- 4 GROUND TEST CONNECTION
- 5 GROUND TEST CONNECTION
- 6 GROUND TEST CONNECTION
- 7 HEAT EXCHANGER
- 8 FLOW INDICATOR TRANSMITTER
- 9 RESTRICTOR
- 10 THERMAL RELIEF VALVE
- 11 GAUGE - AIR PRESSURE
- 12 AIR CHARGING CONNECTION
- 13 ACCUMULATOR
- 14 ACCUMULATOR
- 15 POWERED CONTROL UNIT (RUDDER)
- 16 POWERED CONTROL UNIT (TAIL PLANE)
- 17 POWERED CONTROL UNIT (PORT AILERON)
- 18 POWERED CONTROL UNIT (STARBOARD AILERON)

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No. 1 System - port

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- AIR
- PRESSURE SUPPLY
- FEED TO PUMP
- RETURN TO RESERVOIR

No. 2 System - starboard

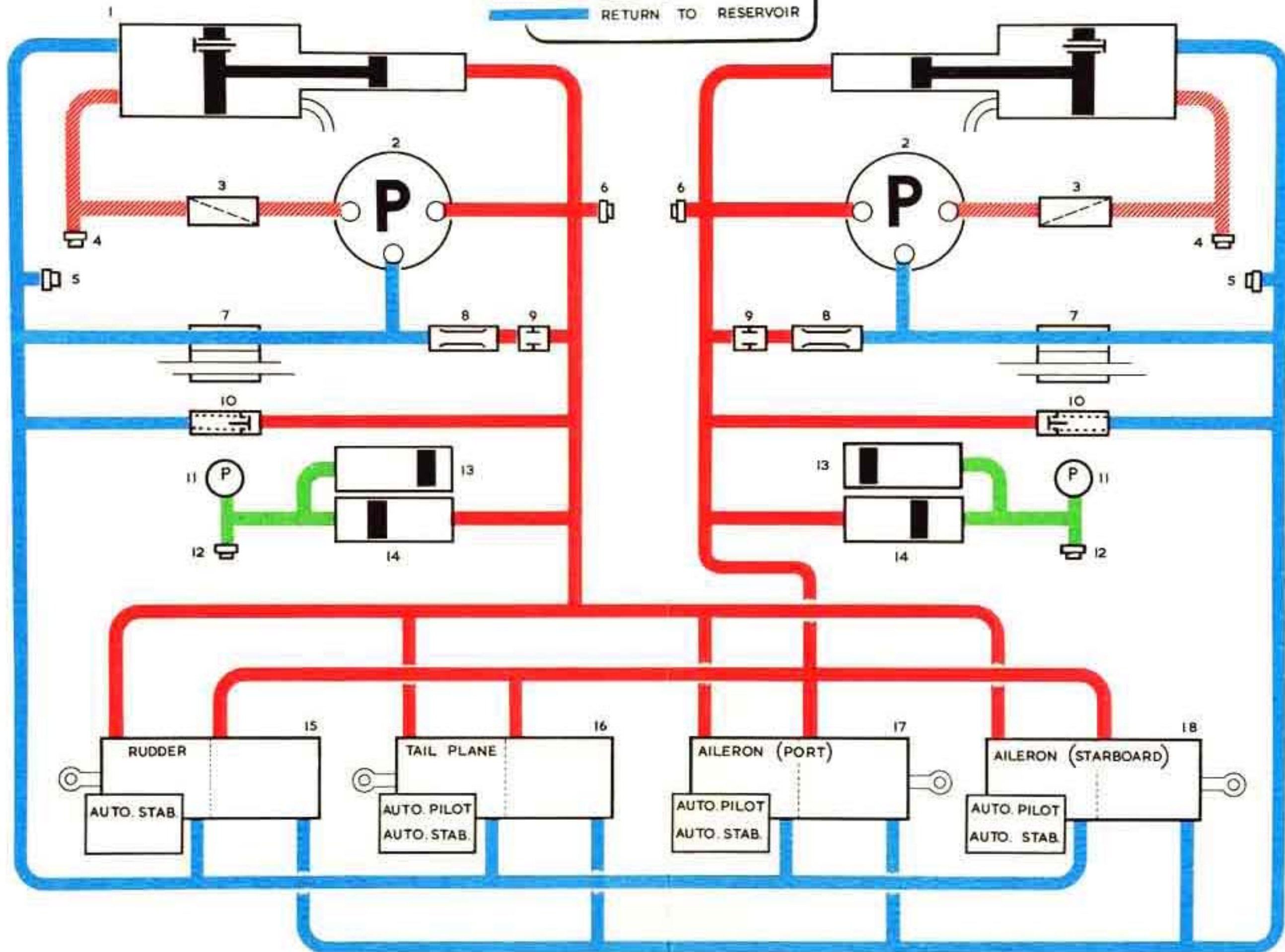


Fig. 5. Hydraulic system diagram - flying controls

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KEY TO FIG.6 (HYDRAULIC SYSTEM DIAGRAM - GENERAL SERVICES)

- 1 FLOW DIVIDER
- 2 INWARD/OUTWARD VENT VALVE
- 3 EMERGENCY RESERVOIR
- 4 HEAT EXCHANGER
- 5 MAIN RESERVOIR
- 6 ENGINE-DRIVEN PUMP
- 7 MICRONIC FILTER
- 8 THERMAL RELIEF VALVE
- 9 RESTRICTOR
- 10 FLOW INDICATOR TRANSMITTER
- 11 CONTROL SELECTOR VALVE
- 12 DOUBLE NON-RETURN VALVE
- 13 DOUBLE NON-RETURN VALVE
- 14 EMERGENCY ISOLATING VALVE
- 15 EMERGENCY VENT VALVE

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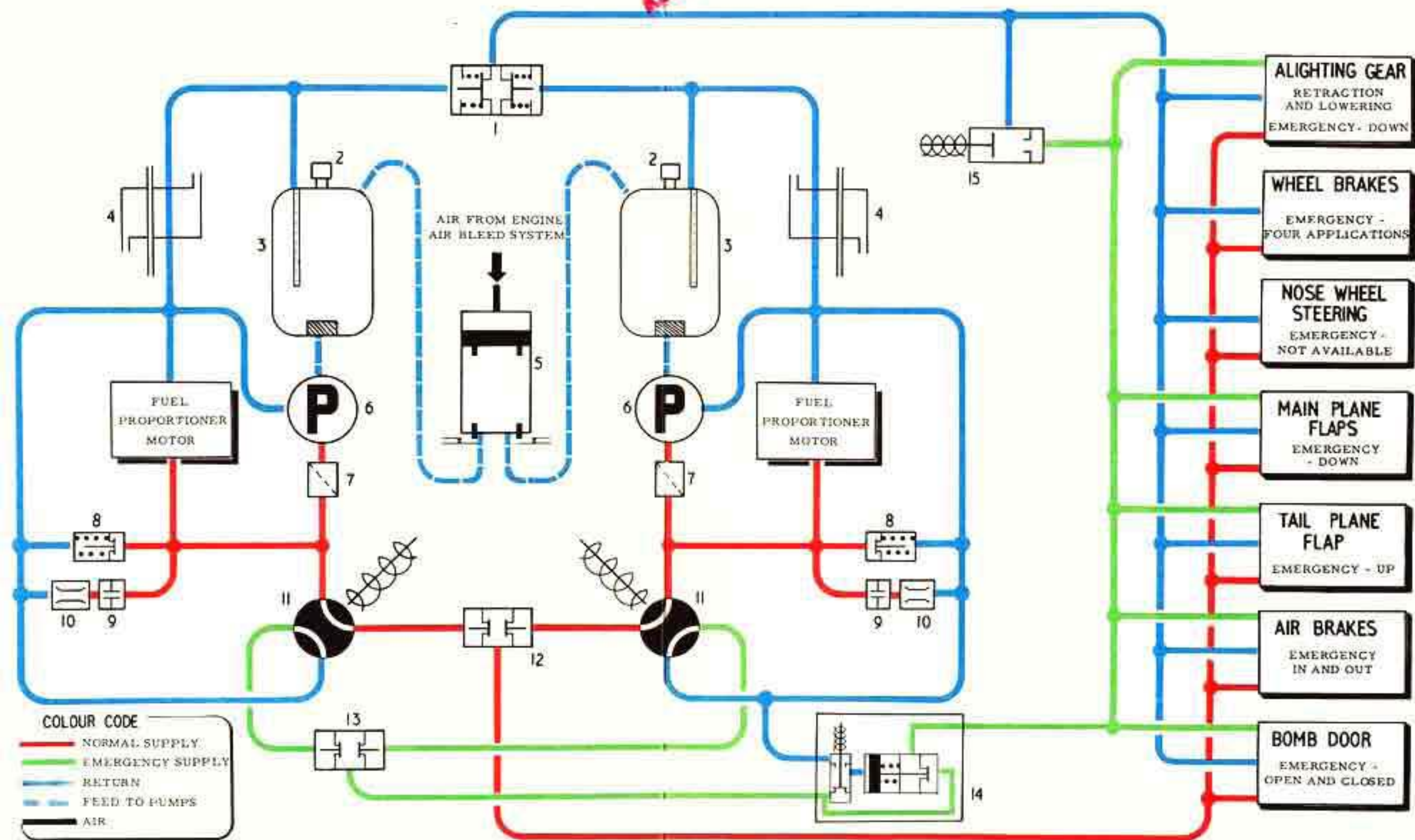


Fig.6. Hydraulic system diagram - general services

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