

PART V
ILLUSTRATIONS

	<i>Fig.</i>
Cockpit—Port side	1
Cockpit—Forward view	2
Cockpit—Starboard side	3
Electrical main power panel assembly	4
Flight engineer's main and side panels	5

- KEY TO Fig. 1.
 COCKPIT PORT SIDE
1. Engine master cocks (4).
 2. Wandering lamp stowage.
 3. Trimmer lamp switch.
 4. Rudder trimmer handwheel.
 5. Window locking handle.
 6. Elevator trimmer handwheel.
 7. Aileron trimmer handwheel.
 8. R.p.m. control levers (4).
 9. Throttle levers (4).
 10. Throttle friction damping lever.
 11. Direct vision panel fastener.
 12. Red floodlamps dimmer switch.
 13. Compass lamp switch.
 14. U.V. lamps dimmer switch.
 15. 1st pilot's oxygen pipe.
 16. Cockpit heating outlet.
 17. Portable oxygen bottle stowage.
 18. Auto pilot controller.
 19. Seat-raising handle.
 20. Flare chute release switch.
 21. Harness release.

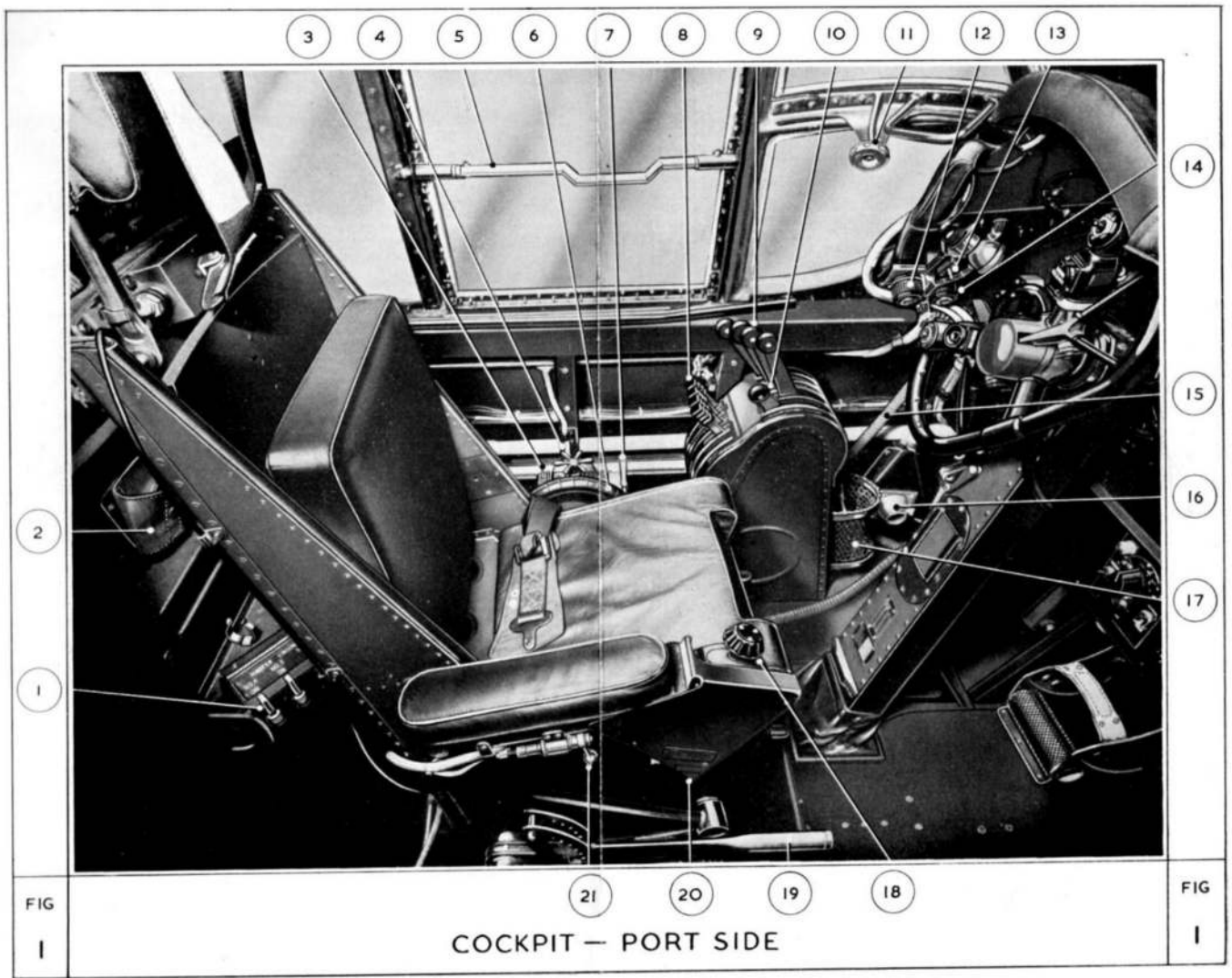


FIG
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COCKPIT — PORT SIDE

FIG
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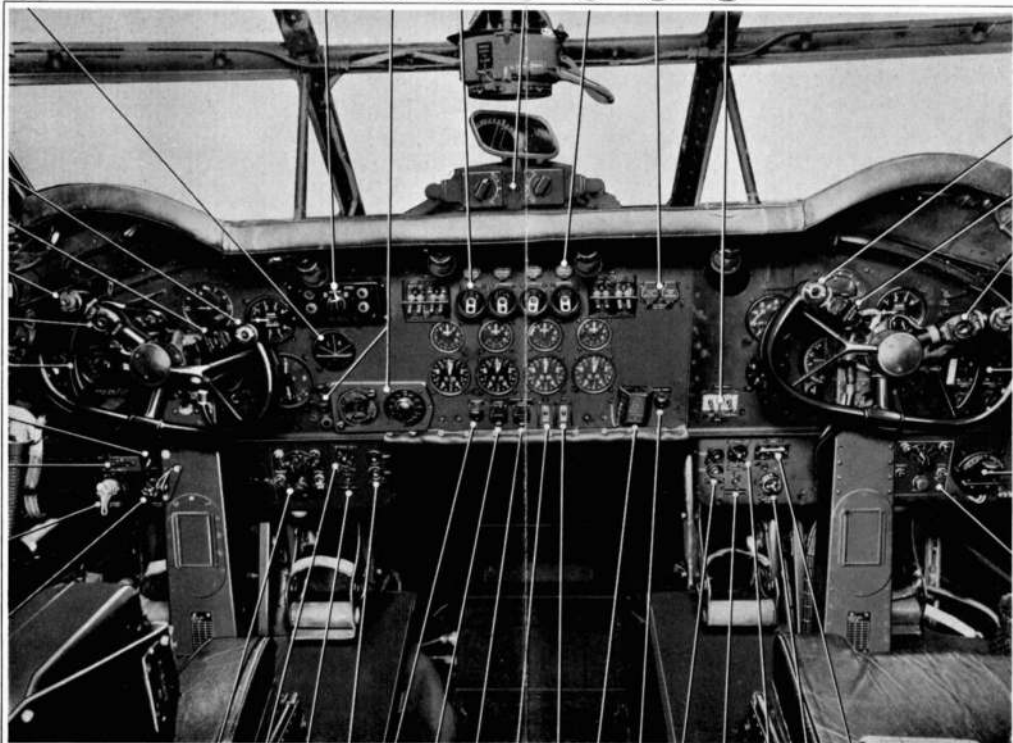
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KEY TO Fig. 2
COCKPIT—FORWARD VIEW

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|---|--|
| 22. Windscreen wiper control. | 50. Flare discharger START and STOP pushbuttons. |
| 23. Windscreen de-icing control. | 51. Bomb doors indicator light. |
| 24. Supercharger and water/methanol switches. | 52. Bomb doors control. |
| 25. Air-intake filter switch. | 53. I.F.F. distress switch. |
| 26. Brakes lever. | 54. I.F.F. master switch. |
| 27. Bomb-bay flare release pushbutton. | 55. "Crew warning" horn pushbutton. |
| 28. Auto-pilot cut-out switch. | 56. Lifeboat release pushbutton. |
| 29. Bomb release pushbutton. | 57. Emergency call light. |
| 30. Press-to-transmit switch. | 58. Flare discharger START and STOP pushbuttons. |
| 31. D/F visual indicator. | 59. Taxying lamp switch. |
| 32. G4B compass control. | 60. Landing lamp switch. |
| 33. AYF radio altimeter controls. | 61. Type 349 station controller. |
| 34. Feathering pushbuttons (4). | |
| 35. V.H.F. controllers (2). | |
| 36. Engine fire-extinguisher pushbuttons (4). | |
| 37. Tank bays fire-extinguisher push-buttons (2). | |
| 38. Pressure-head heater switches (2). | |
| 39. Press-to-transmit switch. | |
| 40. Bomb release pushbutton. | |
| 41. Bomb-bay flare release pushbutton. | |
| 42. Auto-pilot cut-out switch. | |
| 43. Brakes lever. | |
| 44. Signalling switch box. | |
| 45. Type 349 station controller. | |
| 46. External lighting master switches. | |
| 47. Windscreen wiper control. | |
| 48. Landing lamp switch. | |
| 49. Taxying lamp switch. | |
- NOTE.—(a) The following items are hidden behind 1st pilot's control column :—
Undercarriage control push-buttons
Undercarriage indicator
Flaps control lever
Flaps position indicator
G4B compass
Emergency lamp switch.
- (b) The following items are hidden behind 2nd pilot's control column :—
Navigation lights switch
Identification lights colour switch
Bomb-bay flares jettison push-button
Photo flash jettison pushbutton
Emergency lamp switch
Windscreen de-icing control
Bomb jettisoning control.

FIG

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FIG

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COCKPIT — FORWARD VIEW

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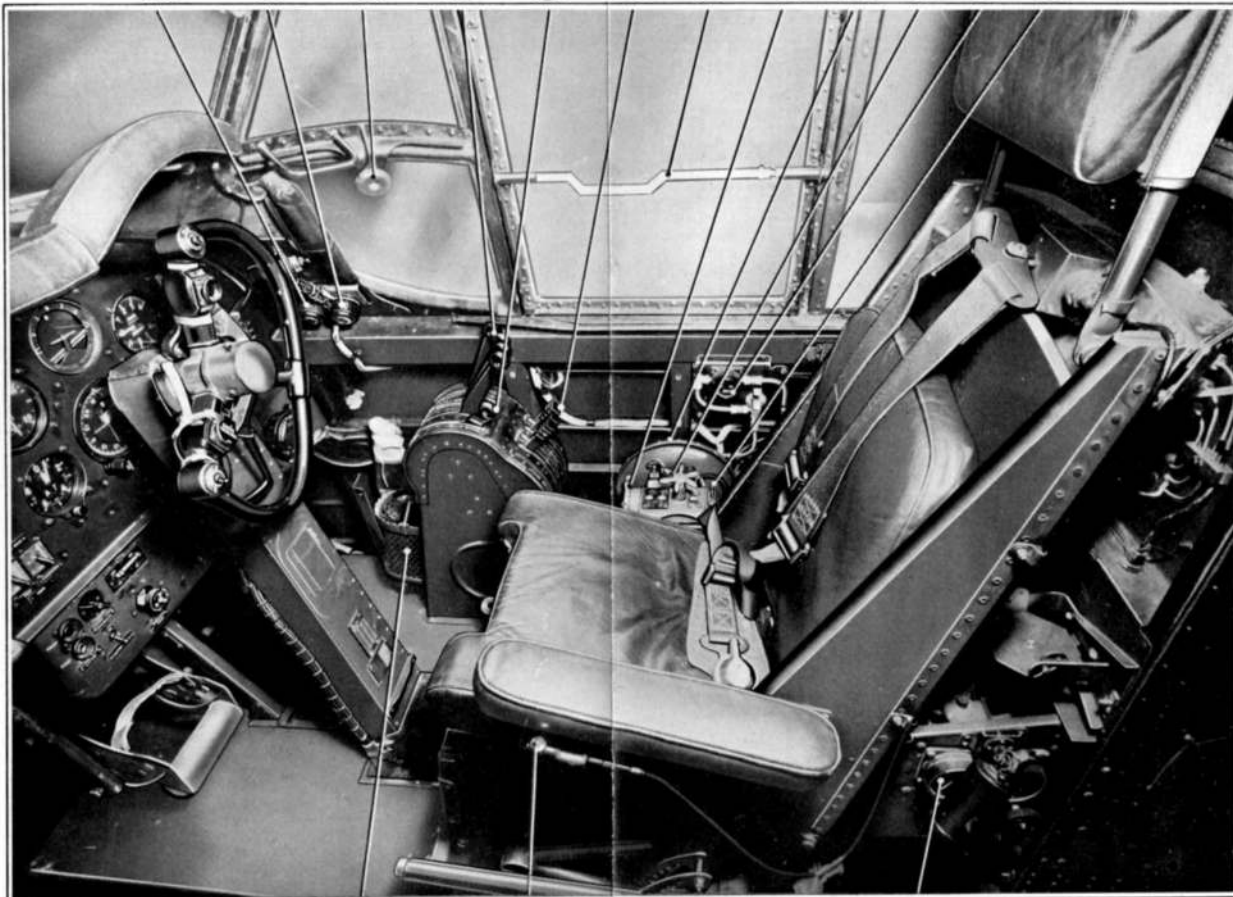
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KEY TO Fig. 3.

COCKPIT—STARBOARD SIDE

- 62. U.V. lamps dimmer switch.
- 63. Red floodlamps dimmer switch.
- 64. Direct vision panel fastener.
- 65. Throttle levers (4).
- 66. Throttle friction damping lever.
- 67. R.p.m. control levers (4).
- 68. Window locking handle.
- 69. Aileron trimmer handwheel.
- 70. Elevator trimmer handwheel.
- 71. Rudder trimmer handwheel.
- 72. Oxygen flow indicator.
- 73. Trimmer lamp switch.
- 74. Oxygen regulator.
- 75. Harness release.
- 76. Portable oxygen bottle stowage.

FIG
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COCKPIT—STARBOARD SIDE

FIG
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KEY TO Fig. 4

ELECTRICAL MAIN POWER PANEL ASSEMBLY

77. Twelve Type A circuit breakers, from left to right.
1. Air bomber's fuse panel.
 2. Flight instruments.
 3. Flight instruments.
 4. Flight instruments.
 5. Flight instruments.
 6. Wireless operator's fuse panel.
 7. Booster pump No. 1 starboard.
 8. Booster pump No. 2 starboard.
 9. Booster pump No. 1 port.
 10. Booster pump No. 2 port.
 11. Panel at former 2.
 12. Panel at former 12.
78. Airspeed-operated undercarriage switch.
79. Voltmeter.
80. Ammeter socket.
81. Ammeter selector switch.
82. Generator field circuit breakers (4).
83. Fuse box WW :—
4 fuses for power failure warning lights.
84. Fuse box XX :—
4 fuses for generator circuit breakers
1 fuse for voltmeter
3 spares.
85. Generator circuit breaker reset push switches (4).
86. Cabin heater warning lamps (3).
87. Cabin heater circuit control reset switches (3).
88. Ground/light switch.
89. Fuse box QQ :—
De-icing gauges
Flight instruments
Special intercom, warning light
Supercharger relay coils
Bomb-doors warning light
Flare chute
2 spares.
90. Fuse box PP :—
Charge temperature control (No. 4 engine)
Fuel cut-off (No. 4 engine)
Flap indicator
Flight instruments
Illuminating flares
Supercharger (No. 4 engine)
2 spares.
91. Fuse box NN :—
2 fuses for Flight Instruments
Fuel pressure (No. 4 engine)
Galley services
Radiator shutters (No. 4 engine)
Oil temperature (No. 4 engine)
Radiator temperature (No. 4 engine)
Fuel flowmeter (No. 4 engine).
92. Fuse box MM :—
Air cleaner
Charge temperature control (No. 3 engine)
Fuel cut-off (No. 3 engine)
L.T. boost coil
Water methanol pump No. 4
Water methanol pump No. 3
Supercharger (No. 3 engine)
1 spare.
93. Fuse box LL :—
Fuel contents (starboard)
Fuel pressure (No. 3 engine)
Flare chute
Radiator shutter (No. 3 engine)
Oil temperature (No. 3 engine)
Radiator temperature (No. 3 engine)
Fuel flowmeter (No. 3 engine)
1 spare.
94. Fuse box KK :—
Auxiliary fuel gauge
Charge temperature control (No. 2 engine)
Fuel cut-off (No. 2 engine)
Engine starter
Fuel selector cock (No. 3 port)
Fuel tank selector cock (No. 3 starboard)
Supercharger (No. 2 engine)
95. Fuse box JJ :—
Water methanol pumps (test)
Auxiliary tank transfer pump
Fuel pressure (No. 2 engine)
De-icing—airofoils
Radiator shutter (No. 2 engine)
Oil temperature (No. 2 engine)
Radiator temperature (No. 2 engine)
Fuel flowmeter (No. 2 engine).
96. Fuse box HH :—
Oil dilution
Charge temperature control (No. 1 engine)
Fuel cut-off (No. 1 engine)
Engine priming
Water methanol pump No. 2
Water methanol pump No. 1
Supercharger (No. 1 engine).
97. Fuse box GG :—
Cabin heater fuel pump
Fuel contents (port)
Fuel pressure (No. 1 engine)
De-icing—propellers
Radiator shutters (No. 1 engine)
Oil temperature (No. 1 engine)
Radiator temperature (No. 1 engine)
Fuel flowmeter (No. 1 engine).
98. Fuse box FF :—
No. 1 engine master cock
No. 2 engine master cock
No. 3 engine master cock
No. 4 engine master cock
Fuel tank selector cock (No. 2 port)
Fuel tank selector cock (No. 1 port)
- Fuel tank selector cock (No. 2 starboard)
Fuel tank selector cock (No. 1 starboard).
99. Fuse box EE :—
Landing lamp filament (port)
Landing lamp filament (starboard)
External lights (main)
Water methanol (main).
100. Fuse box DD :—
Fire-extinguisher (No. 4 engine)
Feathering (No. 4 engine)
Fire-extinguisher light (No. 4 engine)
Landing lamp motor (port)
Landing lamp motor (starboard)
General lighting
Flap control
Tank bays fire-extinguishers (starboard).
101. Fuse box CC :—
Fire-extinguisher (No. 3 engine)
Feathering (No. 3 engine)
Fire-extinguisher light (No. 3 engine)
Identification lights
Navigation lights
Taxying lamp (port)
Taxying lamp (starboard)
1 spare fuse.
102. Fuse box BB :—
Fire-extinguisher (No. 2 engine)
Feathering (No. 2 engine)
Fire-extinguisher light (No. 2 engine)
Pressure-head heaters
Engine fire-extinguishers inertia switch
Undercarriage indicator
Undercarriage control
1 spare fuse.
103. Fuse box AA :—
Fire-extinguisher (No. 1 engine)
Feathering (No. 1 engine)
Fire-extinguisher light (No. 1 engine)
Bomb doors control
Crew warning horns
Tank bays fire-extinguisher (port)
Tank bays fire-extinguisher inertia switch
1 spare fuse.
104. Aerofoil de-icing controller.
105. Propeller de-icing controller.
106. Type B circuit breaker—sonobuoys.
107. Type D circuit breaker—No. 1 engine.
108. Type J cut-out—No. 1 engine.
109. Type D circuit breaker—No. 2 engine.
110. Type D circuit breaker—No. 3 engine.
111. Type J cut-out—No. 2 engine.
112. Type J cut-out—No. 3 engine.
113. Type D circuit-breaker—No. 4 engine.
114. Type J cut-out—No. 4 engine.
115. Type D circuit breaker—radar.
116. Type D circuit breaker—radar.
117. Type B circuit breaker—galley services.
118. Type B circuit breaker—mid-upper turret.

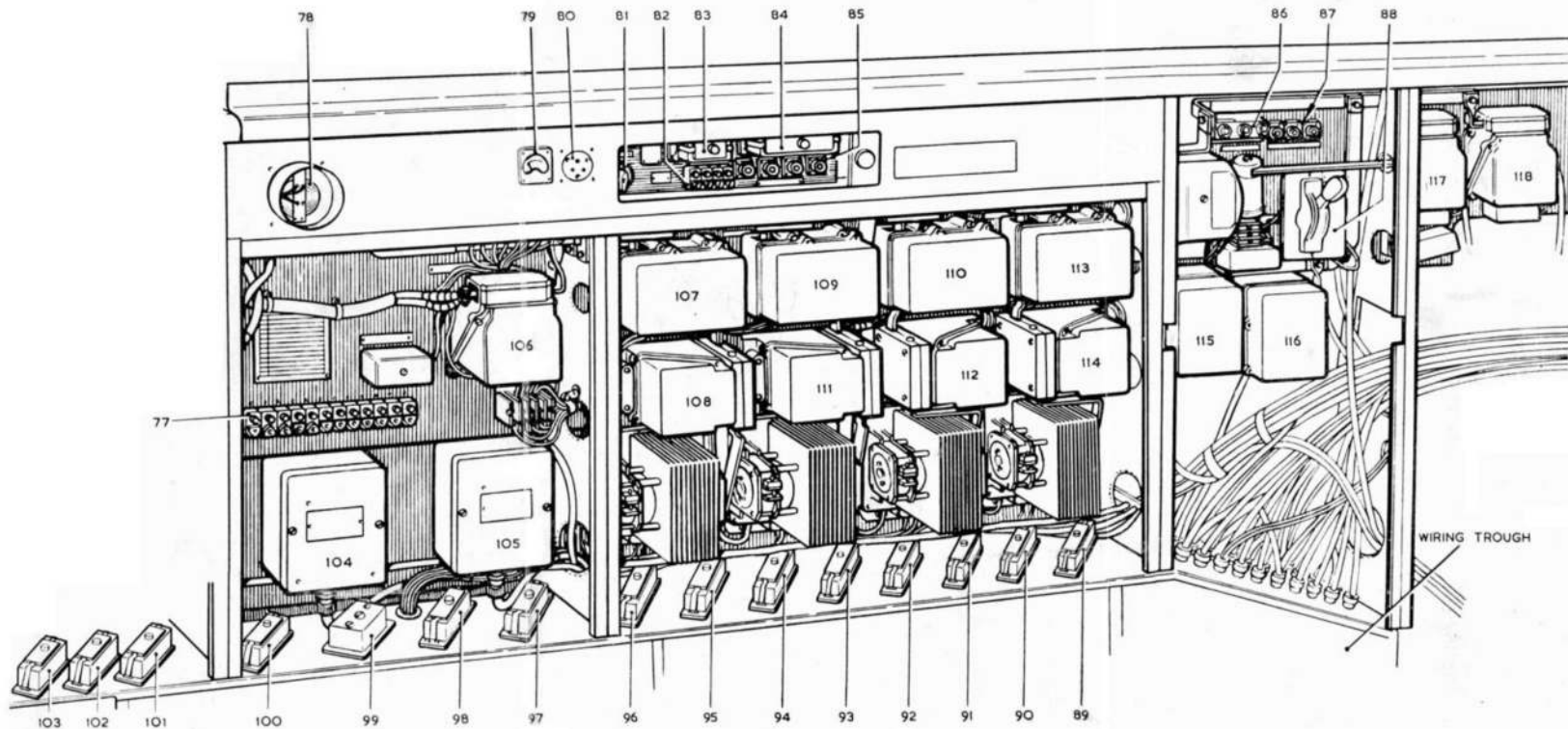


FIG.
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ELECTRICAL MAIN POWER PANEL ASSEMBLY

FIG.
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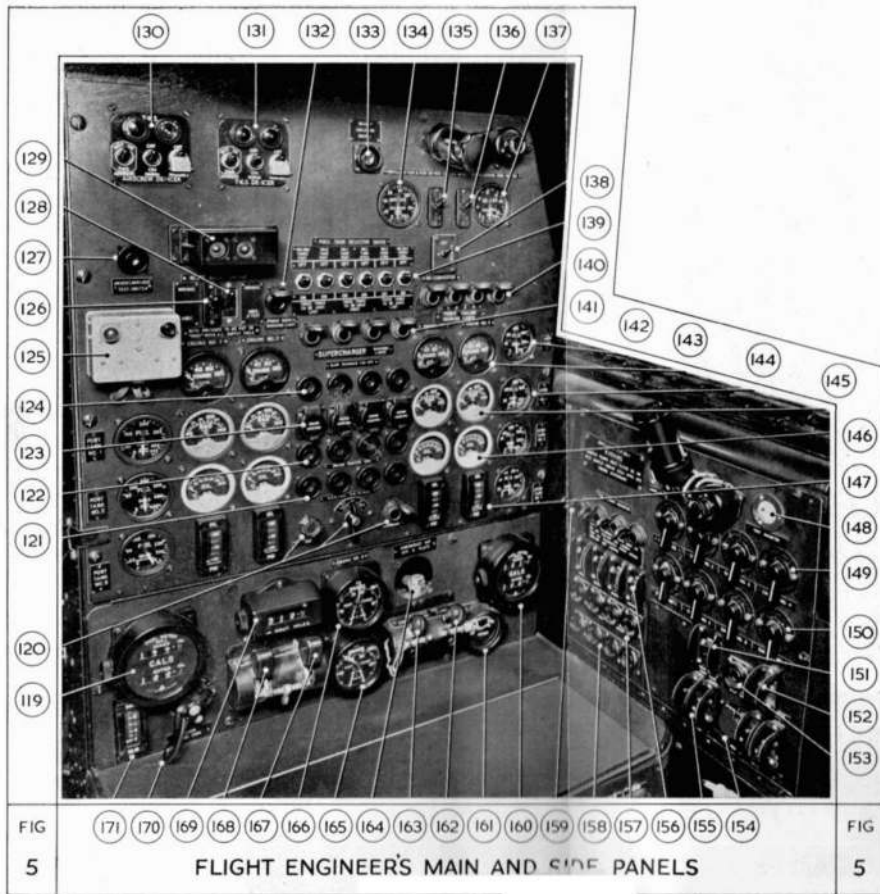


FIG 171 170 169 168 167 166 165 164 163 162 161 160 159 158 157 156 155 154

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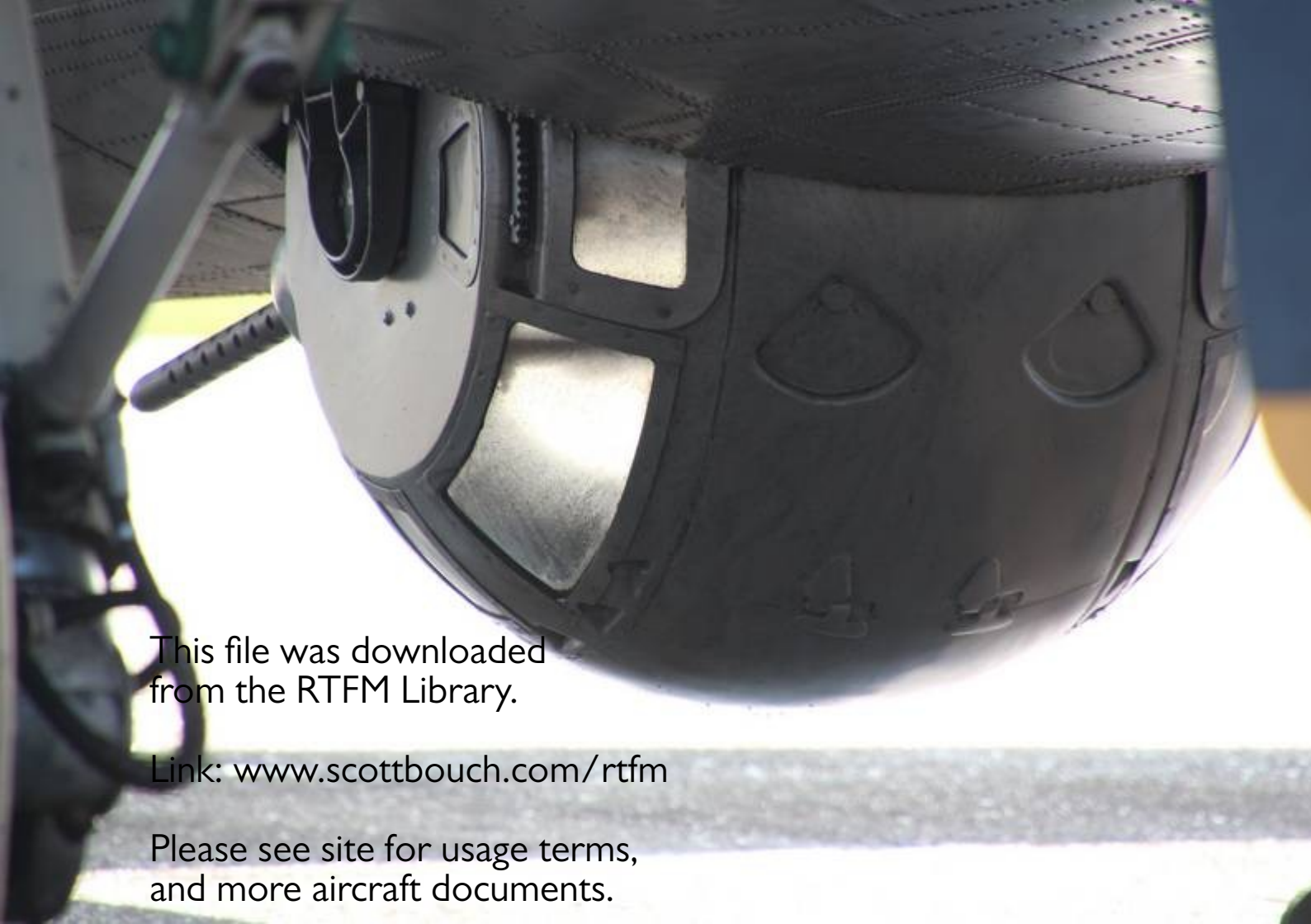
FLIGHT ENGINEER'S MAIN AND SIDE PANELS

KEY TO Fig. 5
FLIGHT ENGINEER'S MAIN AND SIDE PANELS

119. Nos. 1 and 2 engines flowmeter.
 120. Electric priming pump selector and indicator lights.
 121. Engine priming pushbuttons (4).
 122. Engine booster coil pushbuttons (4).
 123. Engine starter pushbuttons (4).
 124. Fuel cut-off pushbuttons (4).
 125. Type 350 station box.
 126. A.C. supply emergency switch.
 127. Undercarriage warning light test switch.
 128. A.C. supply emergency switch.
 129. Reset relay switch.
 130. Propeller de-icing control panel.
 131. Aerofoil de-icing control panel.
 132. A.C. supply power failure warning light.
 133. Galley isolation switch.
 134. Propeller de-icing tank contents gauge.
 135. Propeller de-icing tank contents gauge switch.
 136. Aerofoil de-icing tank contents gauge switch.
 137. Aerofoil de-icing tank contents gauge.
 138. No. 1 inverter switch.
 139. Tank isolating cocks (6).
 140. Generator power failure warning lights (4).
 141. Supercharger warning lights (4).
 142. Auxiliary fuel tank contents gauge.
 143. Charge temperature gauges (4—two on each side of panel).
 144. Wing tank contents gauges (6—three down each side of panel).
 145. Coolant temperature gauges (4—two on each side of panel).
 146. Oil temperature gauges (4—two on each side of panel).
 147. Oil pressure gauges (4—two on each side of panel).
 148. Ammeter test socket.
 149. Radiator shutters control switches (4).
 150. Charge temperature control switches (4).
 151. Auxiliary tank transfer pump switch.
 152. Cabin heaters main switch.
 153. Auxiliary tank transfer pump test pushbutton.
 154. Oil dilution pushbutton.
 155. Oil dilution switches (4—two on each side of item 154).
 156. Booster pump switches (4).
 157. Booster pump test pushbuttons (4).
 158. Methanol/water pumps test pushbuttons (4).
 159. Fuel pressure warning lights (4).
 160. No. 3 and No. 4 engines fuel flowmeter.
 161. Oxygen flow indicator.
 162. Flaps emergency control.
 163. Undercarriage emergency control.
 164. Emergency air gauge for undercarriage and flaps.
 165. Air supply gauge (No. 2 engine compressor).
 166. Air supply gauge (No. 3 engine compressor).
 167. Bomb doors emergency CLOSE control.
 168. Bomb doors emergency OPEN control.
 169. Air mileage indicator.
 170. Vacuum pump changeover cock.
 171. Suction gauge.
- NOTE.—(a) When Mod. 148 is embodied, item 125 Type 350 control box is superseded by Type 349 control box.
 (b) When Mod. 171 is embodied, flag-type indicators for the engine master cocks and for the tank selector cocks are mounted on the flight engineer's main panel.

FIG

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