

Group 1.C.
LOCATION OF EQUIPMENT
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Introduction

1. Reference should be made to this group when it is required to locate and obtain access to the various instruments and associated equipment installed in this aircraft. The group contains a master index

of all the equipment and illustrations showing the location of, and access to the instruments and associated equipment. The master index also forms the key to the illustrations showing the location of the equipment.

Location of instruments and associated equipment

2. The location of the instruments and their associated equipment installed in this aircraft is illustrated in fig.1 to 4 inclusive.

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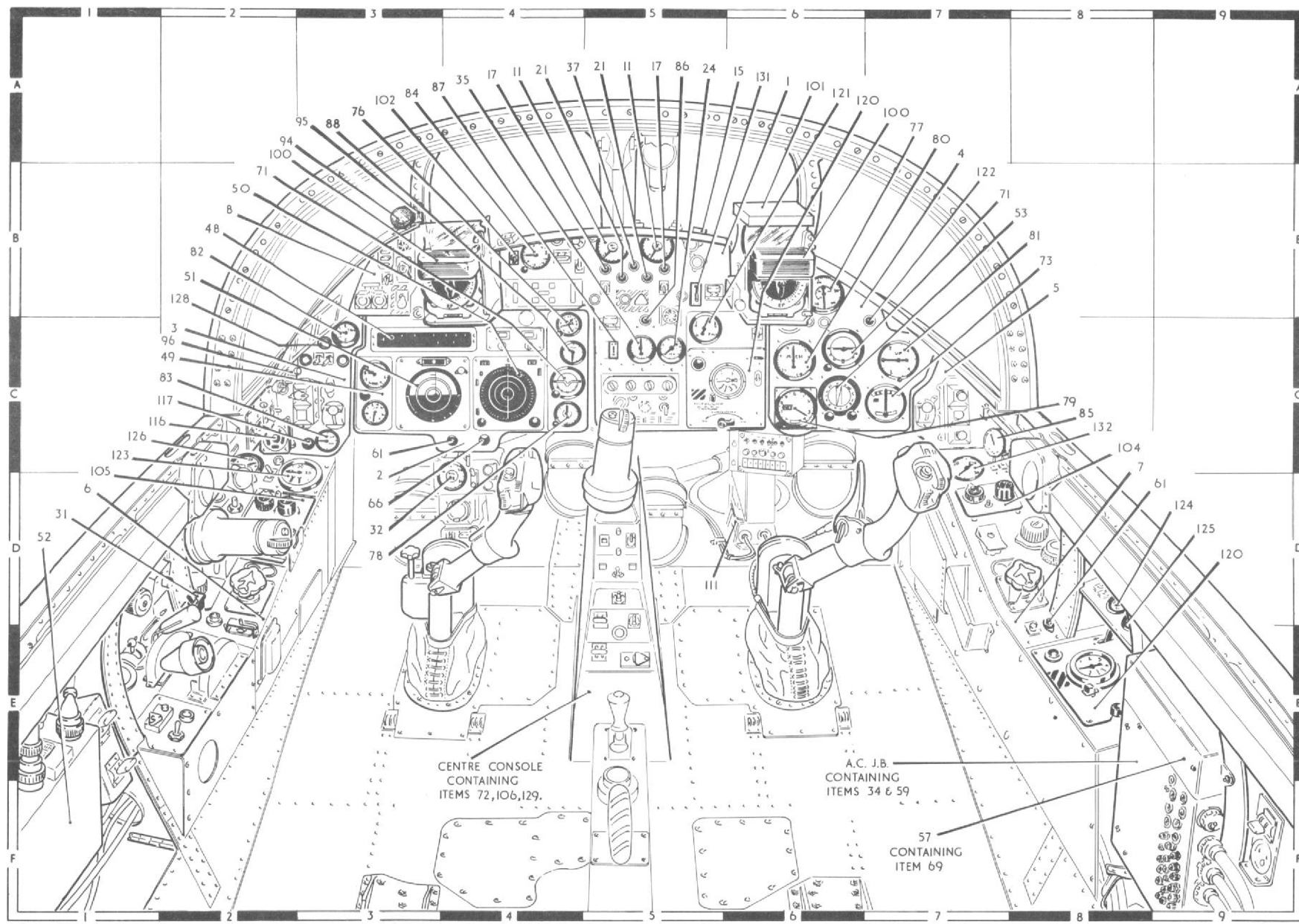


Fig. 1 Instrument Location — cabin
 ◀ Mod. 1382 and 1415 added ▶

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These illustrations should be used in conjunction with the master index (*Table 1*) when it is required to locate any item of equipment.

Access to instruments and associated equipment

3. The position on the aircraft of all the access panels, which require opening or removing to gain access to the instruments and their associated equipment,

is given on fig.5. The illustration should be used in conjunction with Table 1 when it is required to obtain access to a particular component.

Master index of instruments and associated equipment

4. This master index, given in Table 1 should be employed in conjunction with the location and access panel illustrations, when it is required to find the location and

access to the various instruments and associated equipment. The components are listed in the order found in the groups of this chapter and each item is referenced by a number corresponding to that given in both the location and the access panel illustrations. The illustrations on which the components are shown are also indicated in the index and the grid references are likewise given to assist in locating the items on the illustrations.

TABLE 1

Master Index of Instruments and Associated Equipment

Item	Equipment	Fig.	Grid Ref.
MAJOR COMPONENTS			
1	Centre instrument panel	1	B.5
2	Pupil's flying instrument panel	1	C.3
3	Port Instrument Panel	1	C.2
4	Starboard instrument panel	1	C.6
5	Starboard side instrument panel	1	C.7
6	Cabin port shelf	1	D.2
7	Cabin starboard shelf	1	D.7
8	Armament panel	1	B.3
9	Pupil's instrument panel crate	2	C.4

10

Item	Equipment	Fig.	Grid Ref.
ENGINE INSTRUMENTS			
11	Fuel content gauges	1	B.5
12	Fuel gauge amplifiers	2	C.6 & C.7
13	Fuel gauge cable boxes	2	C.6 & C.7
14	Fuel gauge tank units	2	C.7
		4	C.9
15	Fuel contents check switch	1	B.5
16	Transfer pressure switches	2	D.8
17	Transfer pressure failure indicators	1	B.5
18	Relay A.1	2	On supply panel

TABLE 1 (Continued)

Item	Equipment	Fig.	Grid Ref.	Item	Equipment	Fig.	Grid Ref.
ENGINE INSTRUMENTS (Continued)				23	Fuel gauge relay boxes	2	D.8
19	Relay B.1.	2	On supply panel	24	Exhaust gas thermometer	1	C.5
20	Drop tank float switches	4	D.2 & D.3	25	Thermo-couples	3	C.8 & D.8
21	Drop tank empty indicators	1	B.5	26	Test socket	3	C.6
22	Engine fuel pressure switch	2	D.8	27	Top temperature magnetic amplifier	2	C.6
				28	Throttle trimmer actuator	3	D.1

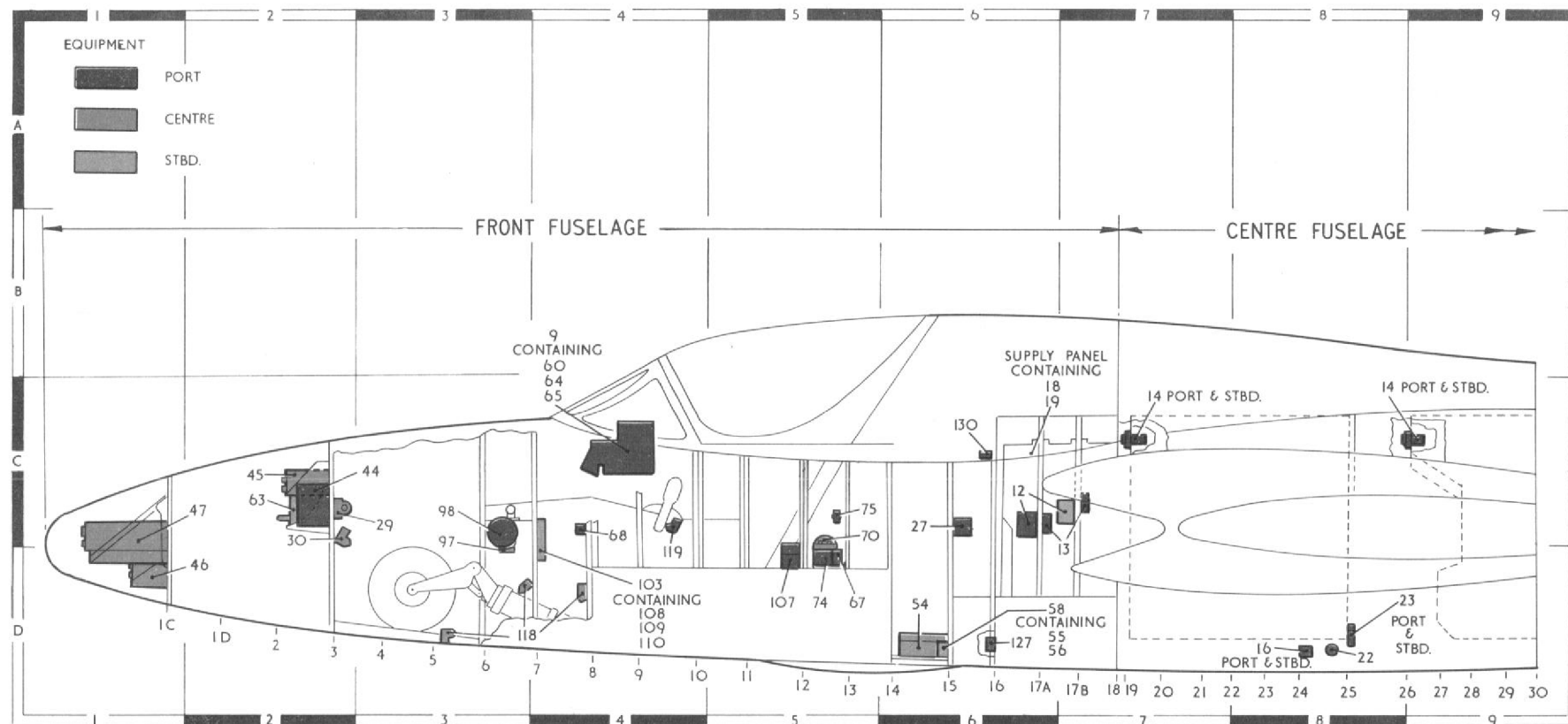


Fig.2 Instrument location - fuselage (1)

TABLE 1 (Continued)

Item	Equipment	Fig.	Grid Ref.	Item	Equipment	Fig.	Grid Ref.
ENGINE INSTRUMENTS (Continued)				34	Oil pressure auto transformer	1	In A.C.J.B.
29	Top temperature time switch	2	C.2	35	Percentage tachometer	1	C.5
30	Override microswitch	2	C.2	36	Tachometer generator	3	D.2
31	Top temperature control switch	1	D.2	37	Fuel low pressure warning indicator... ..	1	B.5
32	Oil pressure gauge	1	D.4	38			
33	Oil pressure transmitter	3	D.2	39			

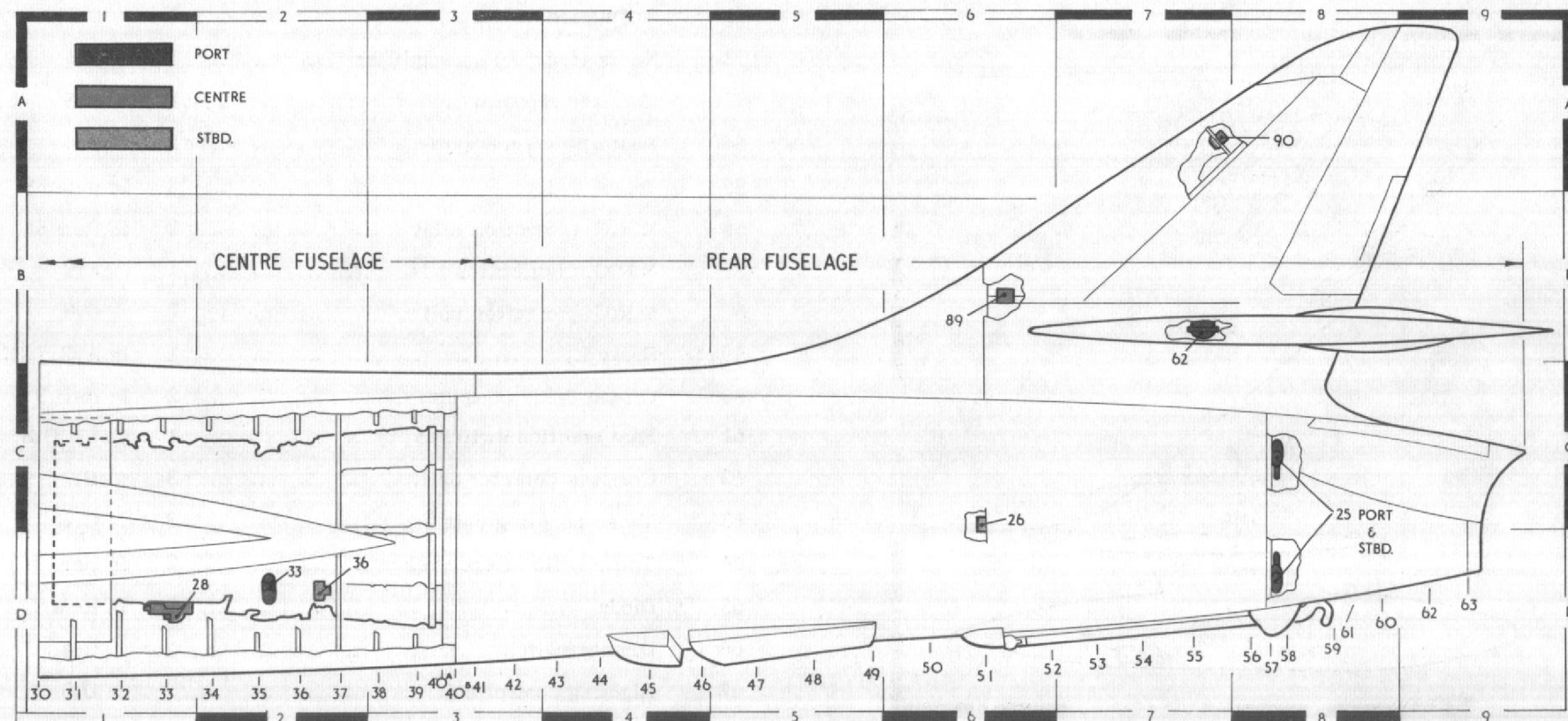


Fig.3 Instrument location - fuselage (2)

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TABLE 1 (Continued)

Item	Equipment	Fig.	Grid Ref.
40			
41			
42			
43			

FLYING INSTRUMENTS

44	Air data power supply unit	2	C.2
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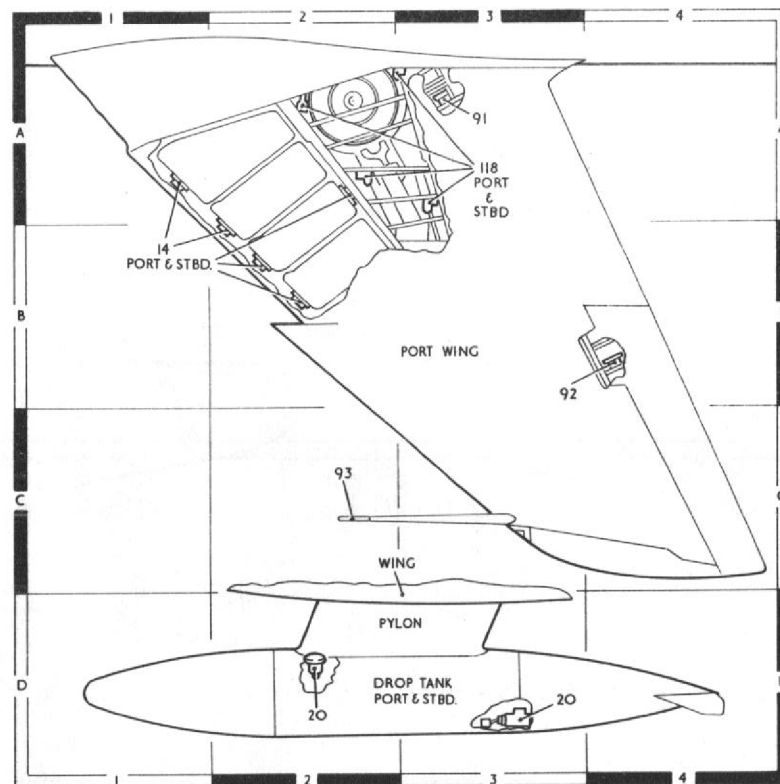


Fig.4 Instrument location - main planes

Item	Equipment	Fig.	Grid Ref.
45	Static transducer	2	D.1
46	Pitot-static transducer	2	C.2
47	Air data computer... ..	2	C.3
48	Speed display unit	1	C.3
49	Height and vertical speed indicator	1	C.3
50	Navigation display	1	C.4
51	Attitude indicator... ..	1	C.3
52	Navigation display amplifier	1	F.1
53	Compass repeater... ..	1	C.6
54	Master reference gyro	2	D.6
55	Torque switch	2	In item 58
56	M.R.G. protection relay	2	In item 58
57	M.R.G. distribution box	1	E.9
58	M.R.G. protection unit... ..	2	D.6
59	Relay L.	1	In A.C. J.B.
60	Off-set tacan computer	2	In item 9
61	Fast erection switches	1	C.4 & D.8
62	Compass detector unit... ..	3	B.7
63	Tacan coupling unit	2	C.2
64	Tacan radio silence relay	2	In item 9
65	Diode	2	In item 9
66	Dimmer switch	1	C.4
67	Lighting control unit	2	D.5
68	Navigation display test socket	2	C.4
69	M.R.G. test socket and shorting plug	1	In item 57

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TABLE 1 (Continued)

Item	Equipment	Fig.	Grid Ref.
FLYING INSTRUMENTS (Continued)			
70	Control inverter	2	D.5
71	Artificial horizons	1	C.4 & C.6
72	Relay M.	1	In centre console
73	Turn and slip indicator	1	C.7
74	Standby artificial horizon control unit ...	2	D.5
75	Speed switch... ..	2	C.5
76	Standby airspeed indicator	1	C.4
77	Airspeed indicator	1	B.6
78	Direction indicator	1	C.4
79	Altimeter	1	C.6
80	Machmeter	1	C.6
81	Rate of climb indicator	1	C.6
82	Tail plane position indicator	1	C.3
83	Flap position indicator	1	C.3
84	Accelerometer	1	B.4
85	Cabin altimeter	1	C.5
86	Cabin pressure warning indicator	1	C.5
87	Standby instruments normal/emergency switch	1	C.4
88	Standby altimeter.	1	C.4 ▶
89	Tail plane position transmitter	3	B.6
90	Rudder tab position transmitter	3	A.7
91	Flap position transmitter	4	A.3

Item	Equipment	Fig.	Grid Ref.
92	Aileron tab position transmitter... ..	4	B.4
93	Pressure head and heater	4	C.2
94	Airstream direction detector indicator ...	1	B.3
95	Airstream direction detector indicator lights	1	B.3
96	Airstream direction detector audio control unit and master switch	1	C.2
97	Airstream direction detector 3 tone generator	2	C.3
98	Airstream direction detector probe unit ...	2	C.3
99			
ARMAMENT INSTRUMENTS			
100	Gyro gun sights	1	B.4 & B.6
101	Camera recorder	1	B.6
102	Gyro gun sight master switch	1	B.4
103	Gyro gun sight J.B.	2	C.4
104	Instructor's selector/dimmer unit	1	D.7
105	Pupil's selector/dimmer	1	D.2
106	Relay E.	1	In centre console
107	Voltage regulators	2	C.5
108	Light selector relay	2	In item 103
109	Sensitivity resistors	2	In item 103
110	Balance pot	2	In item 103
111	Suppressor	1	D.6

TABLE 1 (Continued)

Item	Equipment	Fig.	Grid Ref.	Item	Equipment	Fig.	Grid Ref.
112 to 115							
MISCELLANEOUS INSTRUMENTS							
116	Alighting gear indicator	1	C.2	124	Undercarriage emergency air pressure gauge	1	D.8
117	Alighting gear warning lamp	1	C.2	125	Flaps emergency air pressure gauge	1	D.8
118	Undercarriage leg and wheel door microswitch	2	D.3	126	Brake emergency air pressure gauge	1	C.2
		4	D.4	127	Hood accumulator pressure gauge	2	D.6
119	Throttle microswitch	2	C.4	128	Hydraulic failure warning lamp	1	C.2
120	Oxygen regulators	1	C.6 & E.8	129	Relay G.	1	In centre console
121	Oxygen pressure gauge	1	C.5	130	Hydraulic pressure switch	2	C.6
122	Oxygen flow indicator	1	C.7	131	Cabin pressure audio warning cut-out switch.	1	B.5
123	Brake and main hydraulic pressure gauge ..	1	C.2	132	Anti-G system pressure gauge	1	C.7

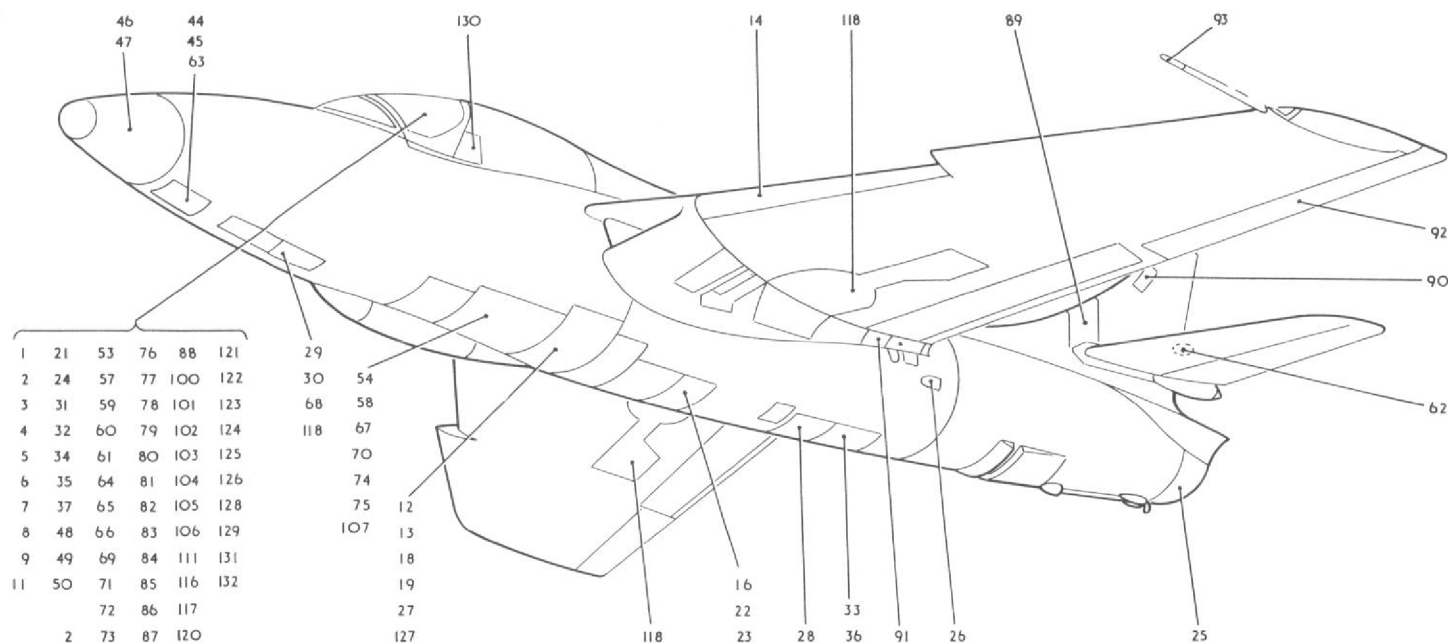


Fig. 5 Access panels

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