

## GROUP 1C

## 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. 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.

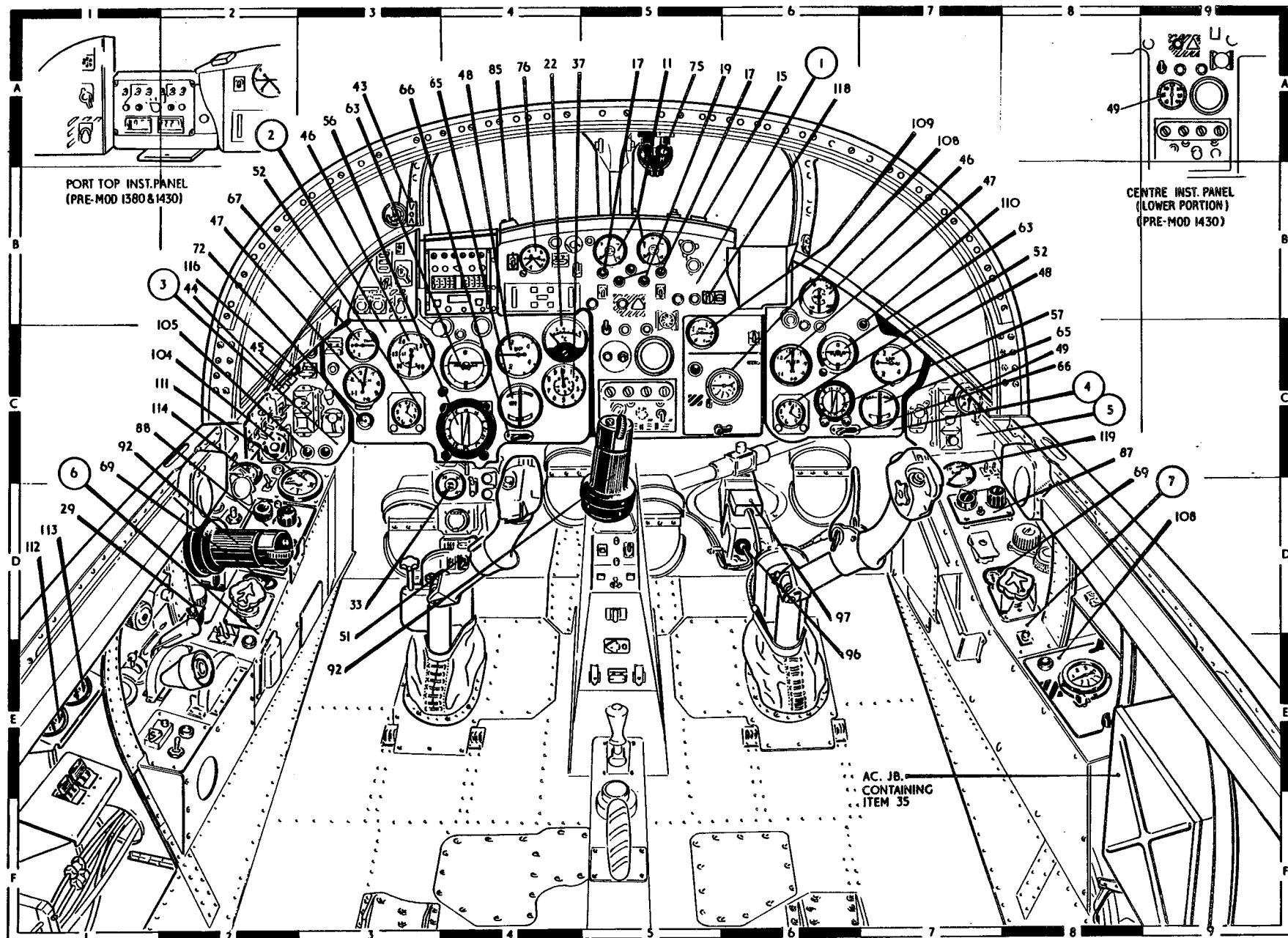


Fig.1 Instrument location — cabin  
► (Mod 1380 and 1430 added) ◄

TABLE 1  
MASTER INDEX OF INSTRUMENTS AND ASSOCIATED EQUIPMENT

ITEM	EQUIPMENT	FIG.	GRID REF.	ITEM	EQUIPMENT	FIG.	GRID REF.
<b>MAJOR COMPONENTS</b>							
1	Centre instrument panel ... ... ...	1	B.5	21	Fuel gauge relay boxes ... ... ...	2	D.8
2	Pupil's flying instrument panel ...	1	C.4	22	Exhaust gas thermometer ... ...	1	C.5
3	Port instrument panel ... ... ...	1	C.2	23	Thermo-couples ... ... ... ...	3	C.8 & D.8
4	Starboard instrument panel ... ...	1	C.7	24	Test socket ... ... ... ...	3	C.6
5	Starboard side instrument panel ...	1	C.8	25	Top temperature magnetic amplifier	2	D.6
6	Cabin port shelf ... ... ... ...	1	D.2	26	Throttle trimmer actuator ... ...	3	D.1
7	Cabin starboard shelf ... ... ...	1	D.8	27	Top temperature time switch ...	2	C.2
8				28	Override micro switch ... ...	2	D.2
9				29	Top temperature control switch ...	1	E.2
10				30			
<b>ENGINE INSTRUMENTS</b>							
11	Fuel content gauges ... ... ... ...	1	B.5	31			
12	Fuel gauge amplifiers ... ... ...	2	C.6 & C.7	32			
13	Fuel gauge cable boxes ... ... ...	2	C.7	33	Oil pressure gauge ... ... ...	1	D.4
14	Fuel gauge tank units ... ... ...	2	C.7 & C.9	34	Oil pressure transmitter ... ...	3	D.2
		4	A.1, A.2 &	35	Oil pressure auto transformer ...	1	F.9
			B.2	36			
15	Fuel contents check switch ... ...	1	B.6	37	Tachometer ... ... ... ...	1	C.5
16	Transfer pressure switches ... ...	2	D.8	38	Tachometer generator ... ...	3	D.2
17	Transfer pressure failure indicators	1	B.5	39			
18	Drop tank float switches... ... ...	4	D.2 & D.3	40			
19	Drop tank empty indicators ... ...	1	B.5	41			
20	Engine fuel pressure switch... ...	2	D.8	42			
<b>FLYING INSTRUMENTS</b>							
				43	A.D.D. indicator and lights box ...	1	B.3

TABLE 1 (Continued)

ITEM	EQUIPMENT	FIG.	GRID REF.	ITEM	EQUIPMENT	FIG.	GRID REF.
44	A.D.D. master switch	1	C.2	54	A.D.D. three tone generator	2	D.3
45	A.D.D. controller	1	C.2	55	A.D.D. probe unit	2	C.3
46	Air speed indicators	1	C.3 & C.7	56	Gyro compass indicator	1	C.4
47	Machmeters	1	C.3 & C.6	57	Gyro compass repeater	1	C.7
48	Rate of climb indicators	1	C.4 & C.7	58	Gyro compass detector unit	3	B.7
49	Cabin altimeter	1	C.7 & A.9	59	Gyro compass master unit	2	C.6
50	Pressure head and heater	4	C.2	60	Gyro compass variation control		
51	Pressure head heater switch	1	D.4		panel	2	C.6
52	Altimeters with vibrator	1	C.3 & C.6	61	Gyro compass amplifier	2	C.6
53	A.D.D. J.B.	2	C.3	62	Artificial horizon levelling controller	2	C.4

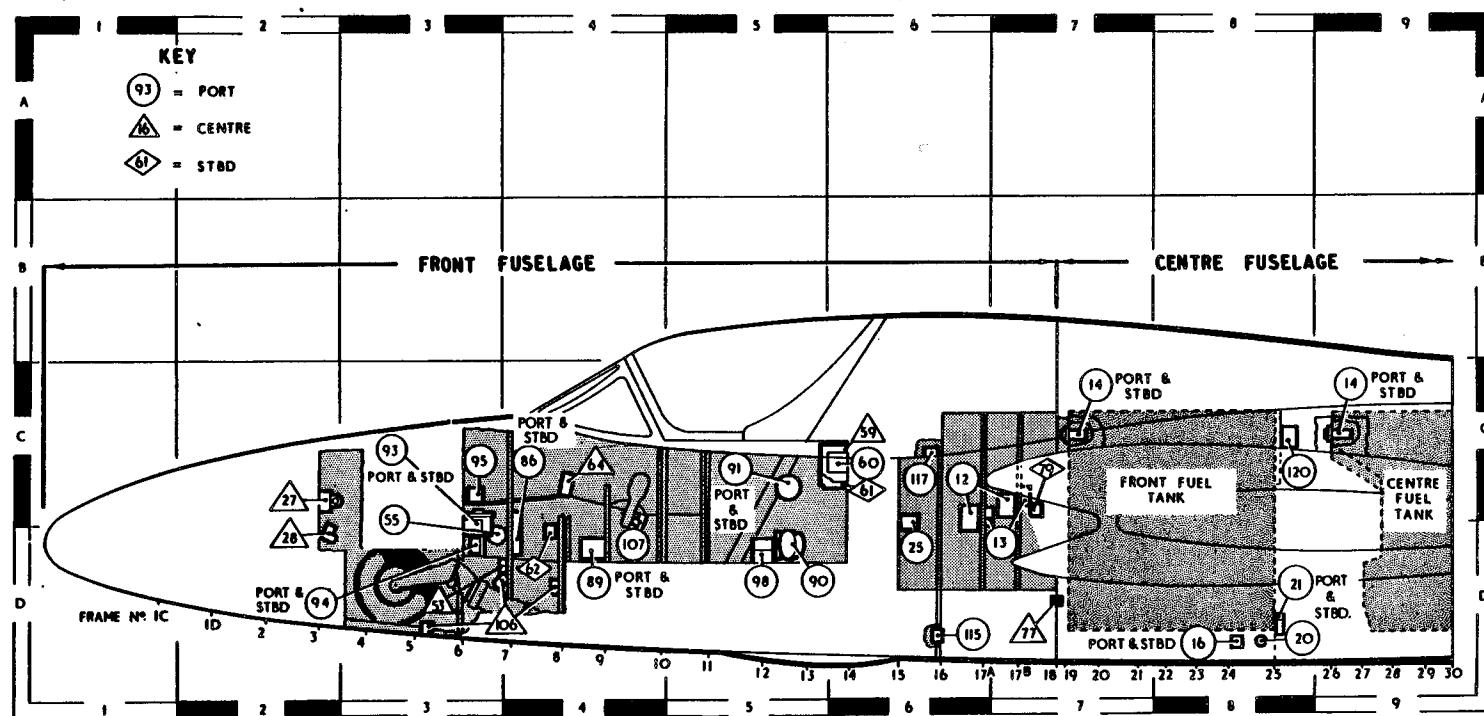


Fig.2 Instrument location — fuselage (1)

TABLE 1 (Continued)

ITEM	EQUIPMENT	FIG.	GRID REF.	ITEM	EQUIPMENT	FIG.	GRID REF.
63	Artificial horizons ... ... ...	1	C.4 & C.7	72	Flap position indicator ...	1	C.3
64	Artificial horizon junction box ...	2	C.4	73	Flap position transmitter	4	A.3
65	Turn and slip indicators ...	1	C.4 & C.7	74			
66	Turn and slip NORMAL/EMERGENCY switches ...	1	C.4 & C.7	75	Standby compass ...	1	A.5
67	Tail plane position indicator ...	1	C.3	76	Accelerometer ...	1	B.4
68	Tail plane position transmitter ...	3	B.6	77	V.G. recorder ...	2	D.7
69	Rudder and aileron trim indicators ...	1	E.2 & E.8	78	Altimeter power supply switch (Mod 1378) ...	1	C.4
70	Rudder tab position transmitter ...	3	A.7	79	Pressure error correction unit (Mod 1378) ...	2	C.7
71	Aileron tab position transmitter ...	4	B.4	80			

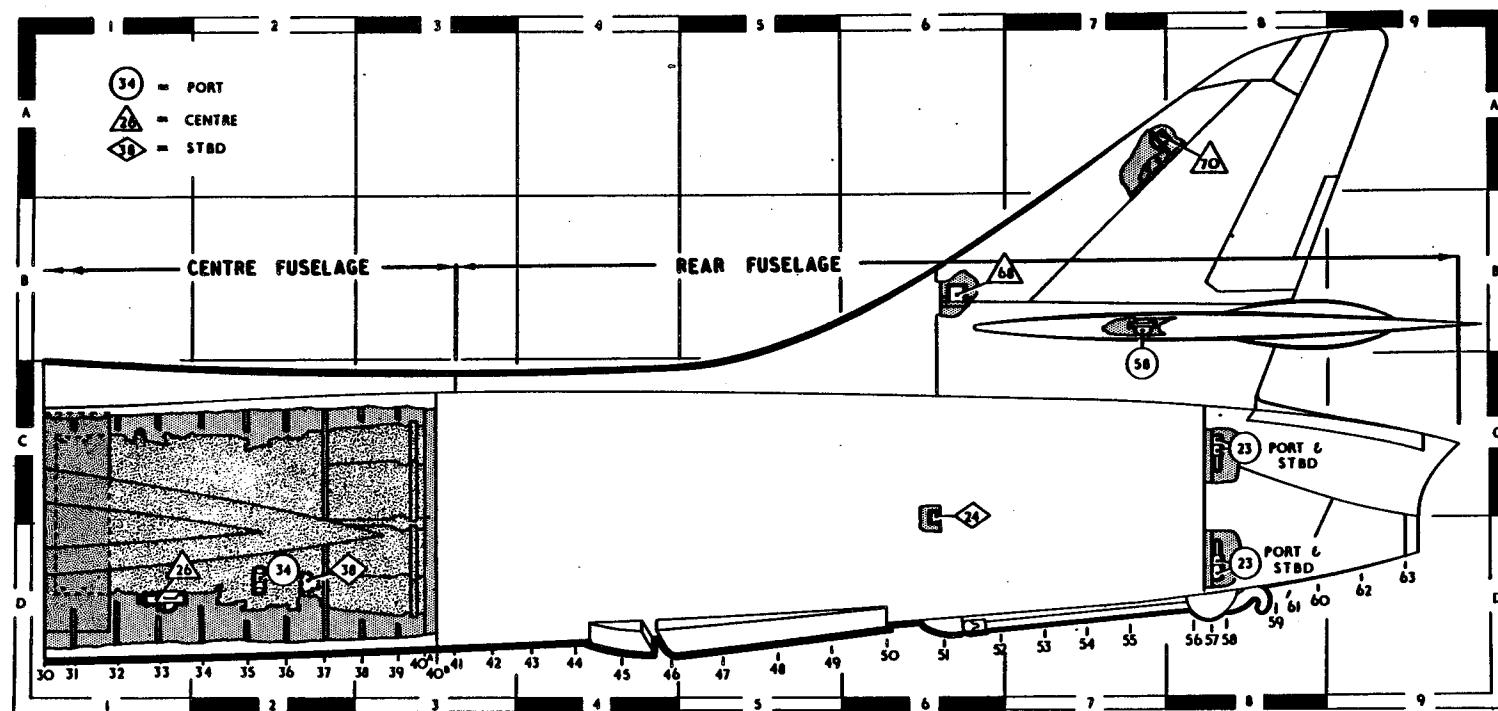


Fig.3 Instrument location – fuselage (2)

TABLE 1 (Continued)

ITEM	EQUIPMENT	FIG.	GRID REF.	ITEM	EQUIPMENT	FIG.	GRID REF.
82				89	Ballistics units	2	D.4
ARMAMENT INSTRUMENTS				90	Anti-topple units	2	D.5
83				91	Radar/manual units	2	C.5
84				92	Manual ranging controls	1	D.2 & D.5
85	Gyro gun sight master switch (Not used)	1	B.4	93	Altitude units	2	C.3
86	Gyro gun sight junction boxes	2	C.4	94	Relay amplifier units	2	D.3
87	Instructor's selector/dimmer unit	1	D.8	95	Radar presentation relay box	2	C.3
88	Pupil's selector/dimmer	1	D.2	96	Type F.5 suppressors	1	D.6
99				100			
101				102			
103				MISCELLANEOUS INSTRUMENTS			
104	Alighting gear indicator	1	C.2	105	Alighting gear warming lamp	1	C.2
106	Undercarriage leg and wheel door micro switches	2	D.3 & D.4			4	A.2 & A.3
107	Throttle micro switch	2	C.4	108	Oxygen regulators	1	C.6 & E.9
109	Oxygen pressure gauge	1	C.6	110	Oxygen flow indicator	1	B.7
111	Brake and main hydraulic pressure gauge	1	D.2				

Fig.4 Instrument location - main planes

TABLE 1 - continued

ITEM	EQUIPMENT	FIG.	GRID REF
112	Undercarriage emergency air pressure gauge ... ... ... ...	1	F.1
113	Flaps emergency air pressure gauge	1	E.1
114	Brakes emergency air pressure gauge ... ... ... ...	1	D.2
115	Hood accumulator pressure gauge ...	2	D.6
116	Hydraulic failure warning lamp ...	1	C.2
117	Hydraulic pressure switch ...	2	C.6
118	Hydraulic failure audio warning cut-out switch ... ... ...	1	B.6
119	Anti-G system pressure gauge ...	1	D.8

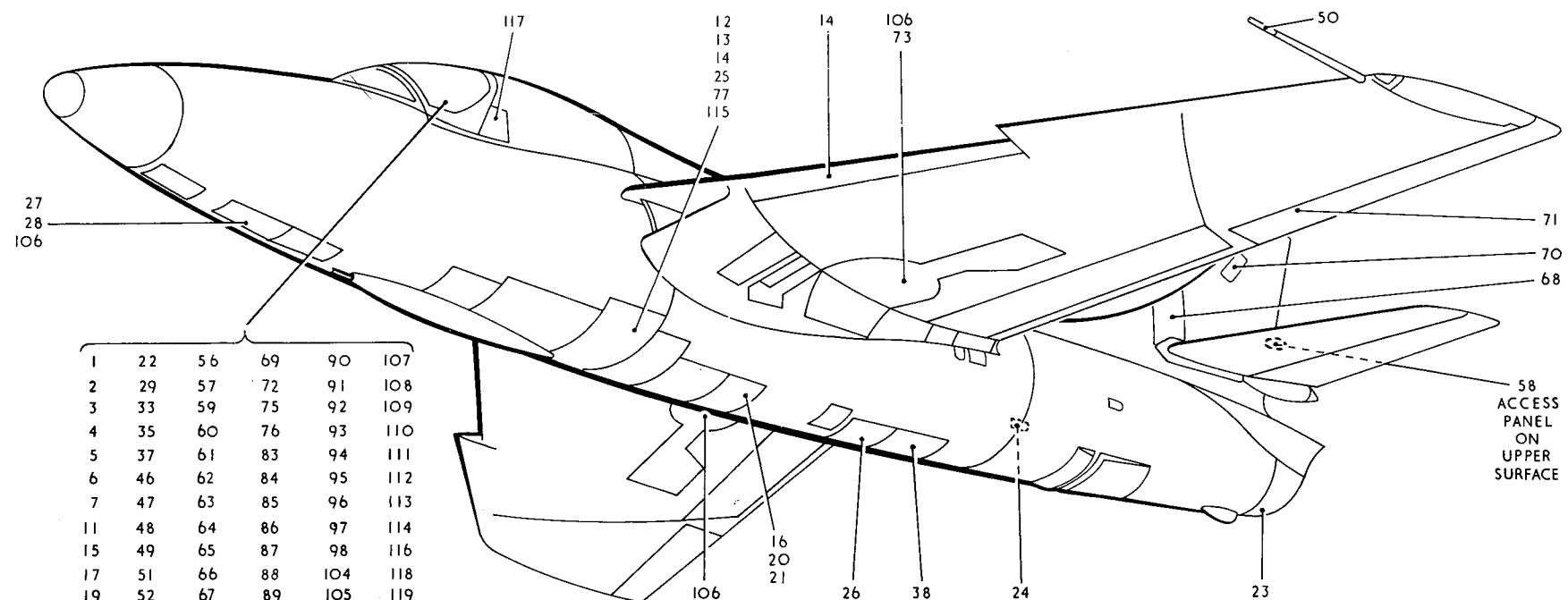


Fig.5 Access panels

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