



sabena [®] B707	Module: GENERAL	A/C Reg :	Check :	 01F2000001
	Oper. : RT-MP LC	Issuer : A59513	Cert.St.: 50516	
	Type : MEC-INSP	Release Date: 03.05.2011		Page 1 of 31
Spec. : MECH. INSP				

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

Execution / Start Date:	
End Date:	

MAINT	RII/INSP

sabena B707	Module: GENERAL	A/C Reg :	Check :	 01F200001 Page 2 of 31
	Oper. : RT-MP LC	Issuer : A59513	Cert.St.: 50516	
	Type : MEC-INSP	Release Date: 03.05.2011		
Spec. : MECH. INSP				

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

					MAINT	RII/INSP
Nr.	Hardtime	Task	Spec.	Related Documents		
1.		E3 E4	INS	DFW B707-29-001 rev 0 MMS-328 290001 00200 rev 27/01/10		
Check: C						
Zones:						
Access:						
NRC YES <input type="radio"/> NO <input type="radio"/>		IF YES, NUMBER(S):				


The hydraulic valves (see Table) shall be visually checked via following steps:

1. Get access to the valves listed in Table below.
=> no disassembly of hydraulic piping need to be performed
2. Inspect valve body for traces of oil leaks before cleaning
3. Clean the exterior of the valves with isopropyl alcohol & blow dry using compressed air

CAUTION: Do not remove any identification marks (P/N; S/N, Flow Arrows, etc)

PN	IPC	FIG	Leak check (CT REQ)	Clean
BACV10A106	29-04-7 item 121	1		
BACV10A504	29-02-6A item 62	2		
BACV10A506	29-02-2A item 70B	3		
	29-02-21 item 122	4		
	29-02-27 item 131	5		
	29-03-2 item 64	6		
	29-04-7 item 120A	1		
	29-04-12 item 79	7		
	29-04-16 item 105	8		

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION


sabena B707	Module: GENERAL	A/C Reg :	Check :	 01F200001 Page 3 of 31
	Oper. : RT-MP LC			
	Type : MEC-INSP	Issuer : A59513	Cert.St.: 50516	
	Spec. : MECH. INSP	Release Date: 03.05.2011		

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

PN	IPC	FIG	Leak check (CT REQ)	Clean
BACV10A508	29-03-2 item 65	6		
	29-04-7 item 121	1		
	29-04-10 item 108	9		
	29-04-12 item 80	7		
	29-04-16 item 104	10		
BACV10A510	29-02-6A item 61	2		
	29-02-27 item 132	5		
BACV10A604	29-04-7 item 122	11		
	29-04-10 item 107	9		
BACV10A606	29-02-6A item 60	2		
	29-04-16 item 103, 103A	8		
BACV10A612	29-04-10 item 106	12		
BACV10T1	29-04-10 item 3	13		
H61C0607	29-02-10 item 75	14		
	29-02-16A item 70	15		
A62326	29-02-13 item 44	16		
A623268	29-02-13 item 44	16		
	29-02-16A item 71	15		
10-3204-1	29-04-10 item 105	9		
10-3204-4	29-04-7 item 118	11		
10-3217-1	29-02-21 item 123	4		
	29-02-27 item 134	5		

MAINT **RII/INSP**

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

sabena B707	Module: GENERAL	A/C Reg :	Check :	 01F200001 Page 4 of 31
	Oper. : RT-MP LC			
	Type : MEC-INSP	Issuer : A59513	Cert.St.: 50516	
	Spec. : MECH. INSP	Release Date: 03.05.2011		


HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

PN	IPC	FIG	Leak check (CT REQ)	Clean
10-3217-5	29-02-30 item 1	17		
10-3226-1	29-04-7 item 119	1		
10-3226-5	29-04-7 item 120	1		
10-60491-1	29-02-42 item 7	18		
10-60491-4	29-02-42 item 7	18		
10-60599-1	29-02-42 item 4	19		
10-61960-1	29-02-10 item 76	14		
1-74270-1	29-04-7 item 118A	11		
	29-04-10 item 105A	20		
1-74270-6	29-04-7 item 118A	11		
	29-04-10 item 105A	20		
1-75596	29-04-7 item 118A	11		
	29-04-10 item 105A	20		
72484	29-04-7 item 118	11		
	29-04-10 item 105A	20		
AN628708	29-04-10 item 108A	9		

MAINT **RII/INSP**

4. Protocol P/N, S/N & location of valve (Note in table)

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION


sabena B707	Module: GENERAL	A/C Reg :	Check :	 01F200001 Page 5 of 31
	Oper. : RT-MP LC	Issuer : A59513	Cert.St.: 50516	
	Type : MEC-INSP	Release Date: 03.05.2011		
Spec. : MECH. INSP				

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

PN	IPC	FIG	PN	SN	LOCATION
BACV10A106	29-04-7 item 121	1			
BACV10A504	29-02-6A item 62	2			
BACV10A506	29-02-2A item 70B	3			
	29-02-21 item 122	4			
	29-02-27 item 131	5			
	29-03-2 item 64	6			
	29-04-7 item 120A	1			
	29-04-12 item 79	7			
	29-04-16 item 105	8			
	BACV10A508	29-03-2 item 65	6		
29-04-7 item 121		1			
29-04-10 item 108		9			
29-04-12 item 80		7			
29-04-16 item 104		10			
BACV10A510	29-02-6A item 61	2			
	29-02-27 item 132	5			
BACV10A604	29-04-7 item 122	11			
	29-04-10 item 107	9			
BACV10A606	29-02-6A item 60	2			
	29-04-16 item 103, 103A	8			
BACV10A612	29-04-10 item 106	12			
BACV10T1	29-04-10 item 3	13			

MAINT **RII/INSP**

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION


sabena B707	Module: GENERAL	A/C Reg :	Check :	 01F200001 Page 6 of 31
	Oper. : RT-MP LC			
	Type : MEC-INSP	Issuer : A59513	Cert.St.: 50516	
	Spec. : MECH. INSP	Release Date: 03.05.2011		

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

PN	IPC	FIG	PN	SN	LOCATION
H61C0607	29-02-10 item 75	14			
	29-02-16A item 70	15			
A62326	29-02-13 item 44	16			
A623268	29-02-13 item 44	16			
	29-02-16A item 71	15			
10-3204-1	29-04-10 item 105	9			
10-3204-4	29-04-7 item 118	11			
10-3217-1	29-02-21 item 123	4			
	29-02-27 item 134	5			
10-3217-5	29-02-30 item 1	17			
10-3226-1	29-04-7 item 119	1			
10-3226-5	29-04-7 item 120	1			
10-60491-1	29-02-42 item 7	18			
10-60491-4	29-02-42 item 7	18			
10-60599-1	29-02-42 item 4	19			
10-61960-1	29-02-10 item 76	14			
1-74270-1	29-04-7 item 118A	11			
	29-04-10 item 105A	20			
1-74270-6	29-04-7 item 118A	11			
	29-04-10 item 105A	20			
1-75596	29-04-7 item 118A	11			
	29-04-10 item 105A	20			

MAINT **RII/INSP**

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

sabena B707	Module: GENERAL	A/C Reg :	Check :	 01F2000001 Page 7 of 31
	Oper. : RT-MP LC			
	Type : MEC-INSP	Issuer : A59513	Cert.St.: 50516	
	Spec. : MECH. INSP	Release Date: 03.05.2011		

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION


PN	IPC	FIG	PN	SN	LOCATION
72484	29-04-7 item 118	11			
	29-04-10 item 105A	20			
AN628708	29-04-10 item 108A	9			

MAINT **RII/INSP**

5. Use magnifier (10X) & mirror to inspect valves for cracks, dents, etc.
=> Perform a detailed inspection of main valve body & also flanges of ports (sign off in table).
=> if cracks or dents are visible => replace valve (MAKE A CONSTAT & NOTE NR IN TABLE)

PN	IPC	FIG	DETAILED INSP (CT REQ)	CONSTAT NR
BACV10A106	29-04-7 item 121	1		
BACV10A504	29-02-6A item 62	2		
BACV10A506	29-02-2A item 70B	3		
	29-02-21 item 122	4		
	29-02-27 item 131	5		
	29-03-2 item 64	6		
	29-04-7 item 120A	1		
	29-04-12 item 79	7		
	29-04-16 item 105	8		
BACV10A508	29-03-2 item 65	6		
	29-04-7 item 121	1		
	29-04-10 item 108	9		
	29-04-12 item 80	7		
	29-04-16 item 104	10		

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION


sabena B707	Module: GENERAL	A/C Reg :	Check :	 01F200001 Page 8 of 31
	Oper. : RT-MP LC			
	Type : MEC-INSP	Issuer : A59513	Cert.St.: 50516	
	Spec. : MECH. INSP	Release Date: 03.05.2011		

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

PN	IPC	FIG	DETAILED INSP (CT REQ)	CONSTAT NR
BACV10A510	29-02-6A item 61	2		
	29-02-27 item 132	5		
BACV10A604	29-04-7 item 122	11		
	29-04-10 item 107	9		
BACV10A606	29-02-6A item 60	2		
	29-04-16 item 103, 103A	8		
BACV10A612	29-04-10 item 106	12		
BACV10T1	29-04-10 item 3	13		
H61C0607	29-02-10 item 75	14		
	29-02-16A item 70	15		
A62326	29-02-13 item 44	16		
A623268	29-02-13 item 44	16		
	29-02-16A item 71	15		
10-3204-1	29-04-10 item 105	9		
10-3204-4	29-04-7 item 118	11		
10-3217-1	29-02-21 item 123	4		
	29-02-27 item 134	5		
10-3217-5	29-02-30 item 1	17		
10-3226-1	29-04-7 item 119	1		
10-3226-5	29-04-7 item 120	1		
10-60491-1	29-02-42 item 7	18		
10-60491-4	29-02-42 item 7	18		

MAINT **RII/INSP**

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

sabena B707	Module: GENERAL	A/C Reg :	Check :	 01F200001 Page 9 of 31
	Oper. : RT-MP LC	Issuer : A59513	Cert.St.: 50516	
	Type : MEC-INSP	Release Date: 03.05.2011		
Spec. : MECH. INSP				


HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

PN	IPC	FIG	DETAILED INSP (CT REQ)	CONSTAT NR
10-60599-1	29-02-42 item 4	19		
10-61960-1	29-02-10 item 76	14		
1-74270-1	29-04-7 item 118A	11		
	29-04-10 item 105A	20		
1-74270-6	29-04-7 item 118A	11		
	29-04-10 item 105A	20		
1-75596	29-04-7 item 118A	11		
	29-04-10 item 105A	20		
72484	29-04-7 item 118	11		
	29-04-10 item 105A	20		
AN628708	29-04-10 item 108A	9		

MAINT **RII/INSP**

6. Perform functional check / leak check in case of any hydraulic valve replacement (AMM chapter 29-0).

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

sabena B707	Module: GENERAL	A/C Reg :	Check :	 01F200001 Page 11 of 31
	Oper. : RT-MP LC	Issuer : A59513	Cert.St.: 50516	
	Type : MEC-INSP	Release Date: 03.05.2011		
Spec. : MECH. INSP				

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

MAINT	RII/INSP
--------------	-----------------

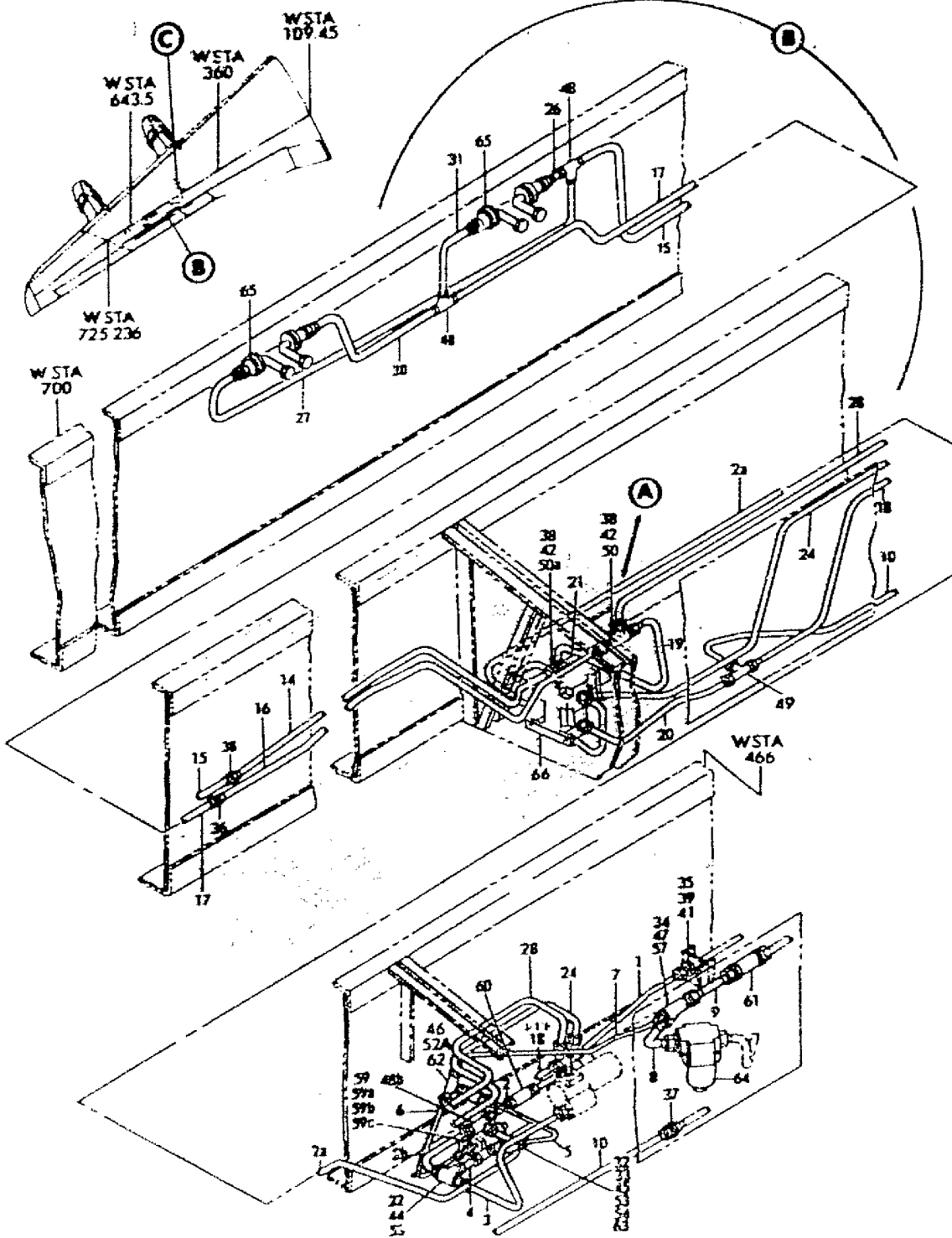



FIGURE 2

sabena B707	Module: GENERAL	A/C Reg :	Check :	 01F200001 Page 12 of 31
	Oper. : RT-MP LC	Issuer : A59513	Cert.St.: 50516	
	Type : MEC-INSP	Release Date: 03.05.2011		
Spec. : MECH. INSP				

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

MAINT	RII/INSP
-------	----------

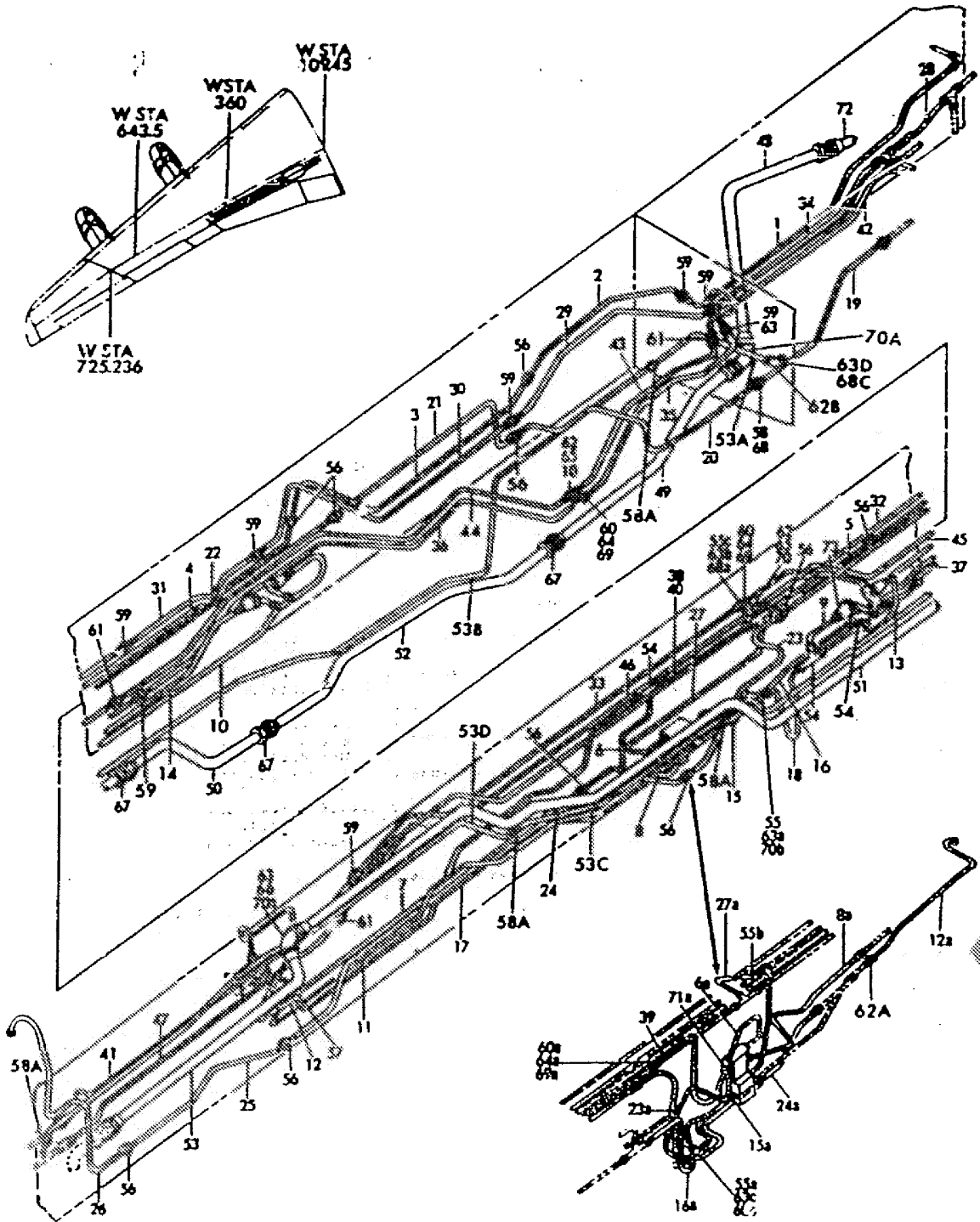



FIGURE 3

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

sabena B707	Module: GENERAL	A/C Reg :	Check :	 01F200001 Page 13 of 31
	Oper. : RT-MP LC	Issuer : A59513	Cert.St.: 50516	
	Type : MEC-INSP	Release Date: 03.05.2011		

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

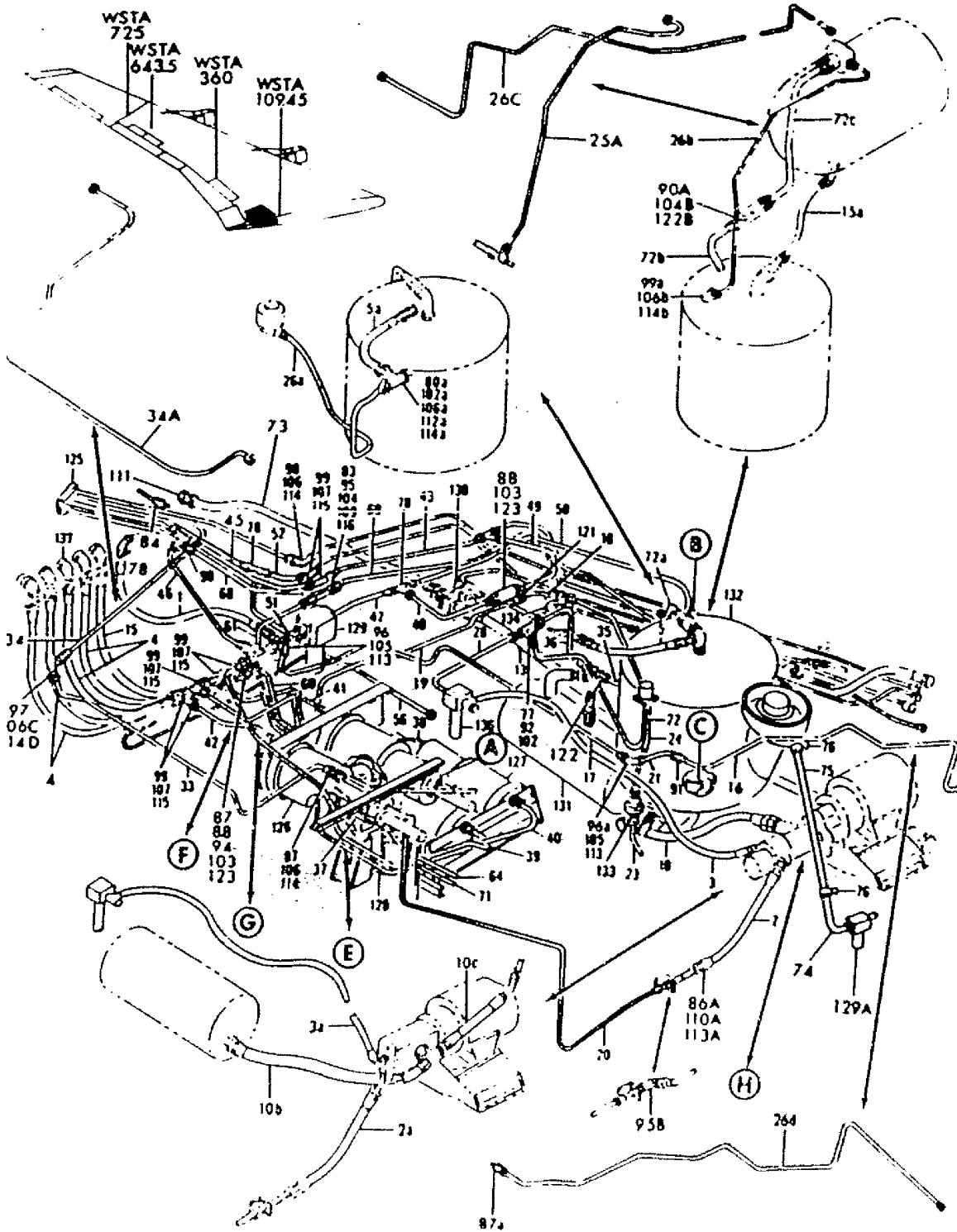



FIGURE 4

MAINT	RII/INSP
-------	----------

sabena B707	Module: GENERAL	A/C Reg :	Check :	 01F200001 Page 15 of 31
	Oper. : RT-MP LC			
	Type : MEC-INSP	Issuer : A59513	Cert.St.: 50516	
	Spec. : MECH. INSP	Release Date: 03.05.2011		

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

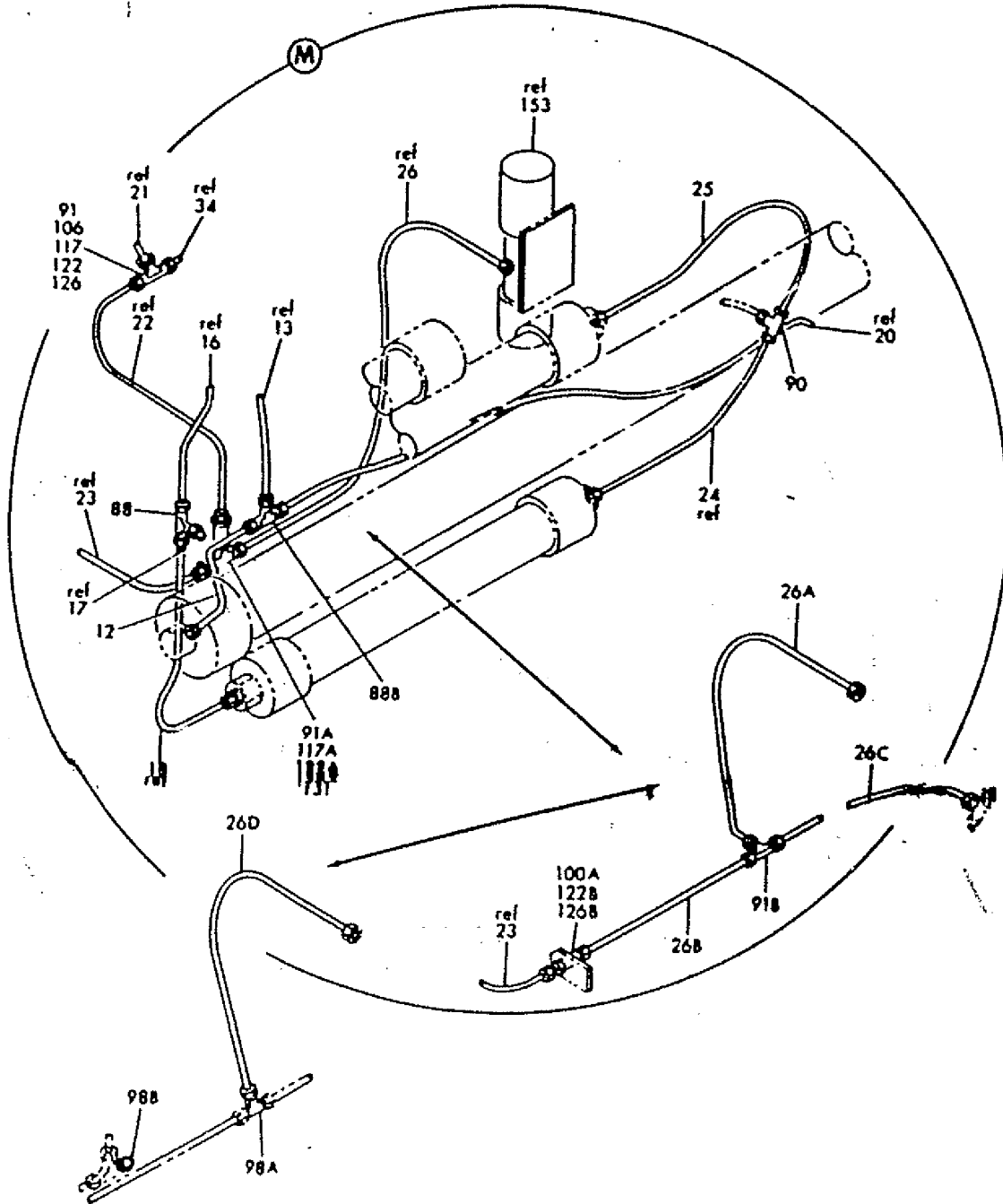



FIGURE 5

MAINT	RII/INSP

sabena B707	Module: GENERAL	A/C Reg :	Check :	 01F200001 Page 16 of 31
	Oper. : RT-MP LC	Issuer : A59513	Cert.St.: 50516	
	Type : MEC-INSP	Release Date: 03.05.2011		
	Spec. : MECH. INSP			

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

MAINT	RII/INSP
--------------	-----------------

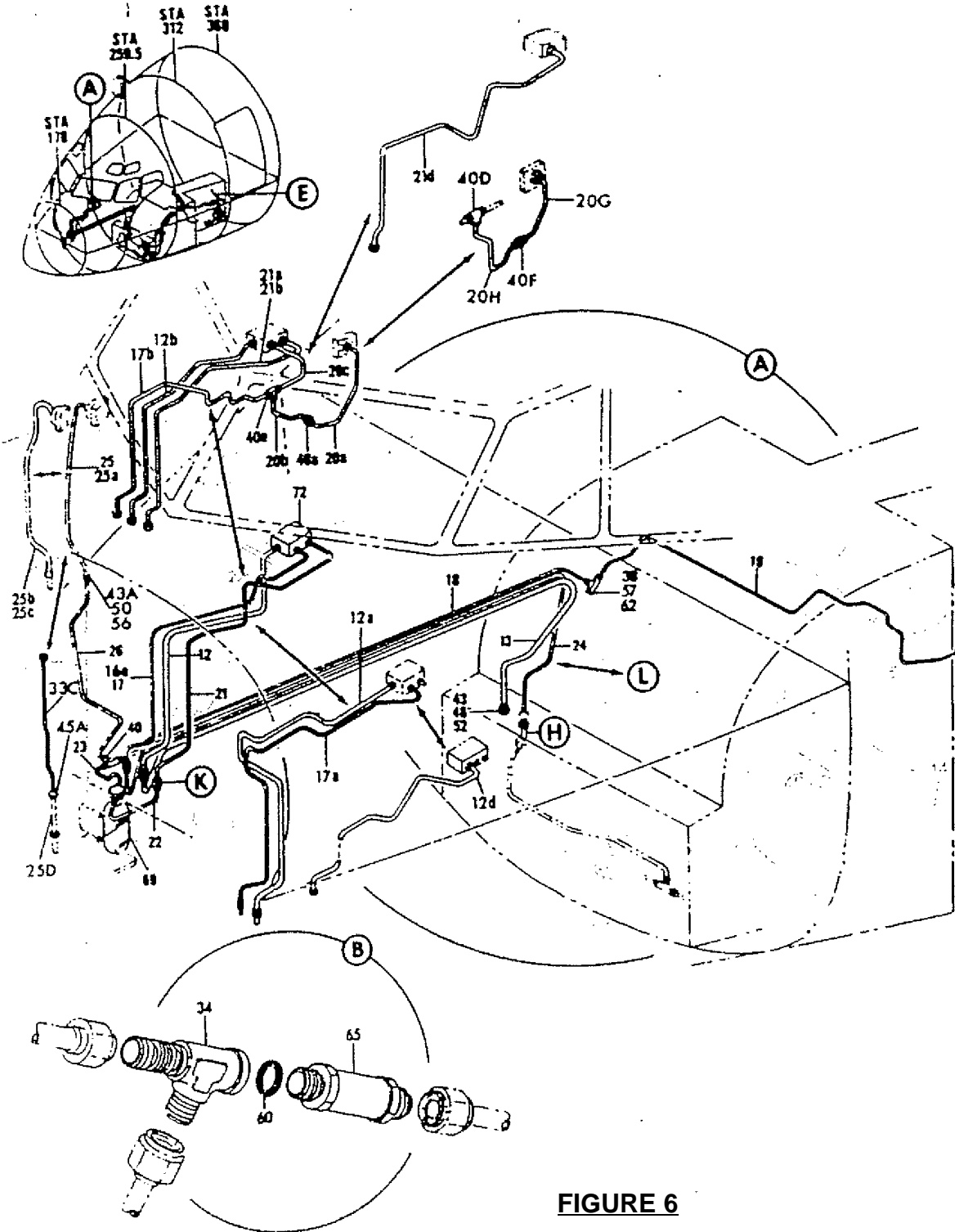



FIGURE 6

sabena B707	Module: GENERAL	A/C Reg :	Check :	 01F200001 Page 18 of 31
	Oper. : RT-MP LC	Issuer : A59513	Cert.St.: 50516	
	Type : MEC-INSP	Release Date: 03.05.2011		
Spec. : MECH. INSP				

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

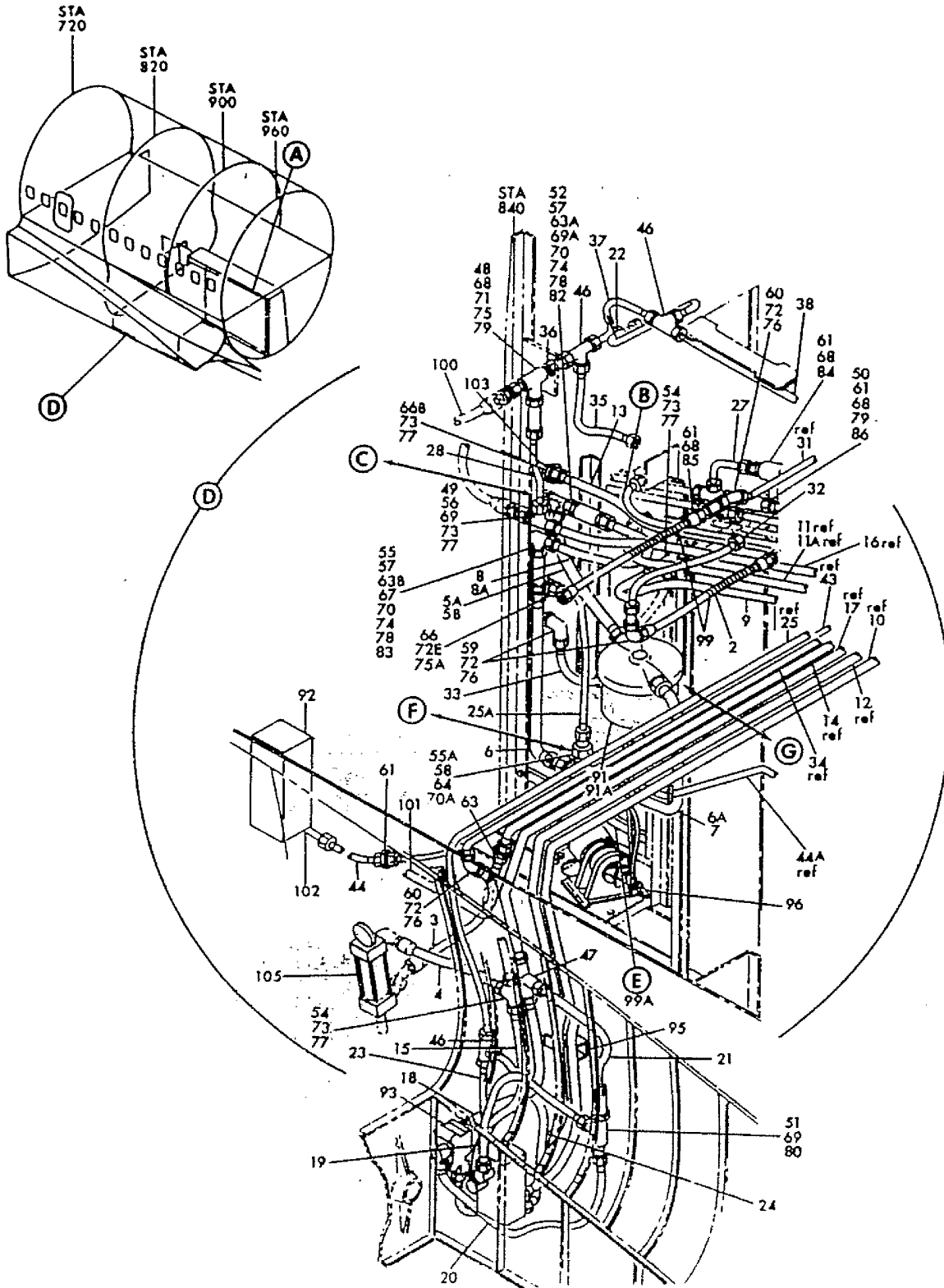



FIGURE 7

MAINT	RII/INSP

sabena B707	Module: GENERAL	A/C Reg :	Check :	 01F200001 Page 20 of 31
	Oper. : RT-MP LC	Issuer : A59513	Cert.St.: 50516	
	Type : MEC-INSP	Release Date: 03.05.2011		
	Spec. : MECH. INSP			

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

MAINT RII/INSP

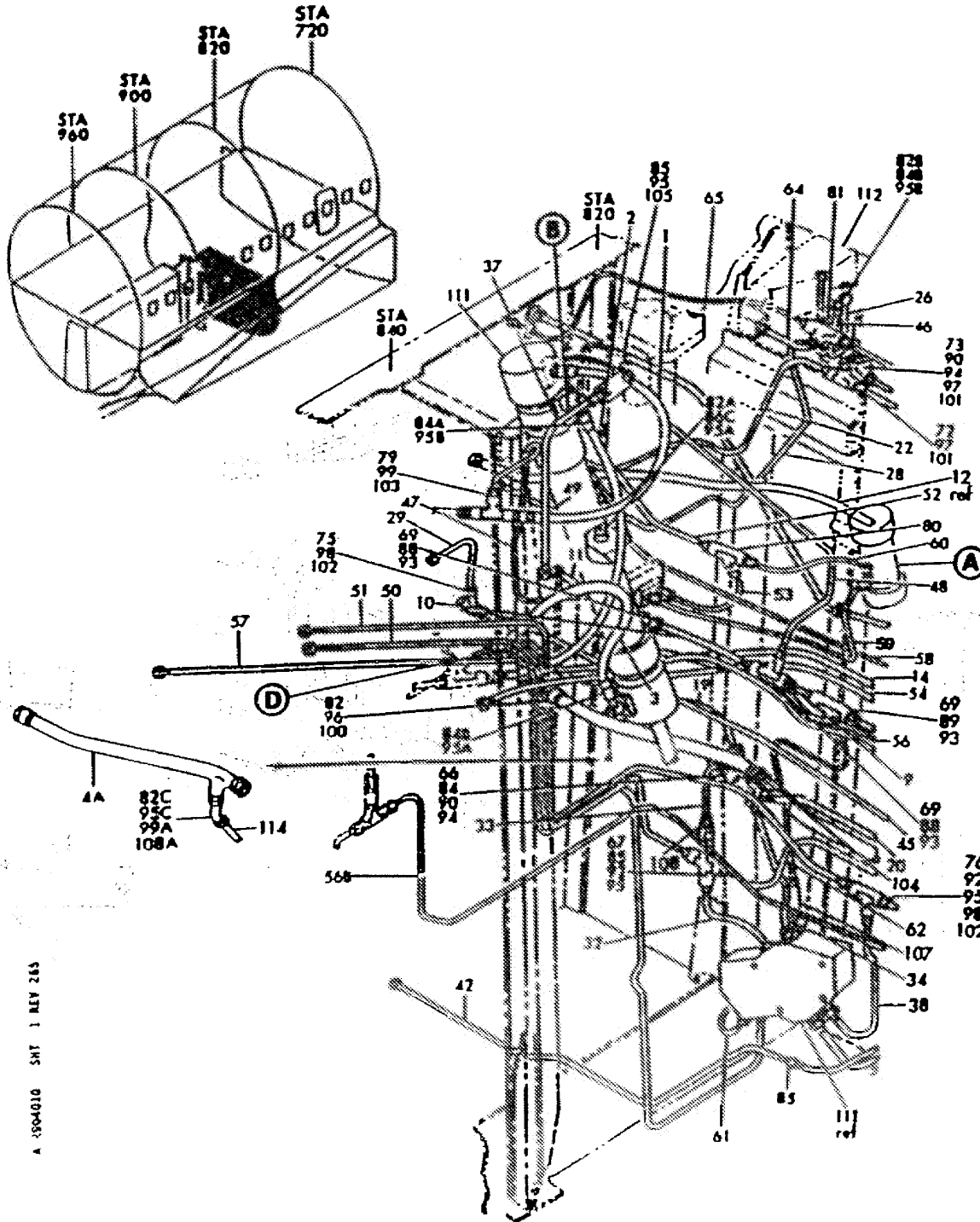



FIGURE 9

sabena B707	Module: GENERAL	A/C Reg :	Check :	 01F200001 Page 22 of 31
	Oper. : RT-MP LC	Issuer : A59513	Cert.St.: 50516	
	Type : MEC-INSP	Release Date: 03.05.2011		
	Spec. : MECH. INSP			

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

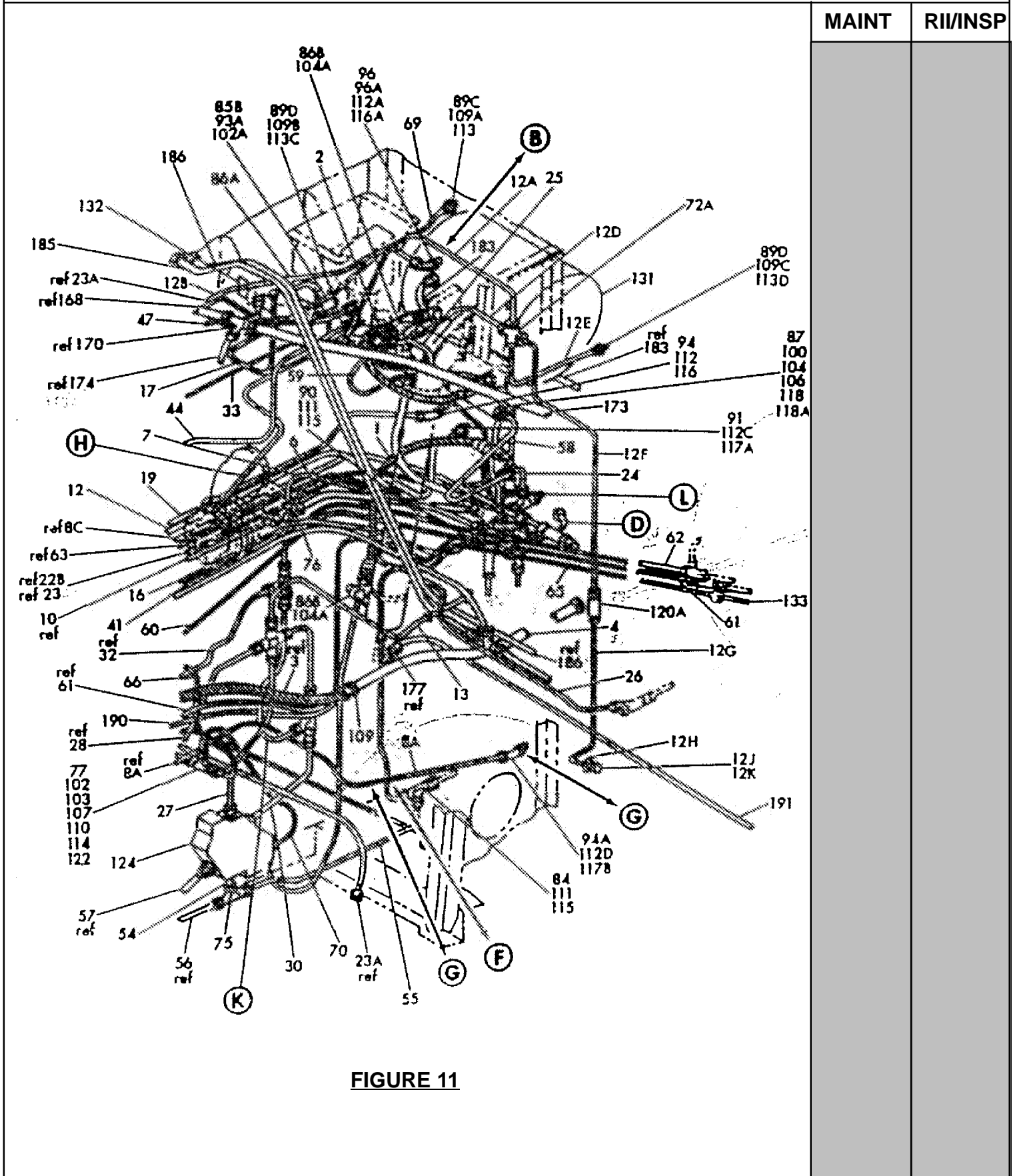



FIGURE 11

sabena B707	Module: GENERAL	A/C Reg :	Check :	 01F2000001
	Oper. : RT-MP LC	Issuer : A59513	Cert.St.: 50516	
	Type : MEC-INSP	Release Date: 03.05.2011		Page 24 of 31
	Spec. : MECH. INSP			

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

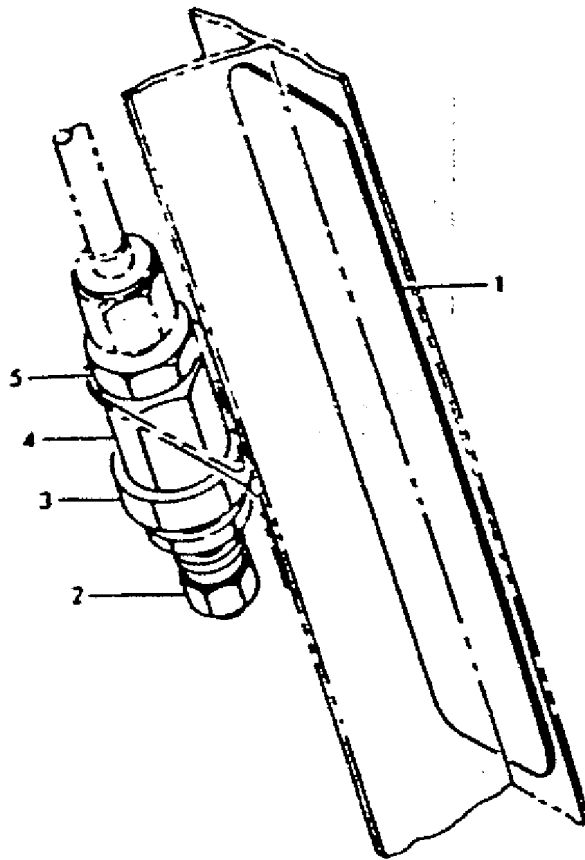
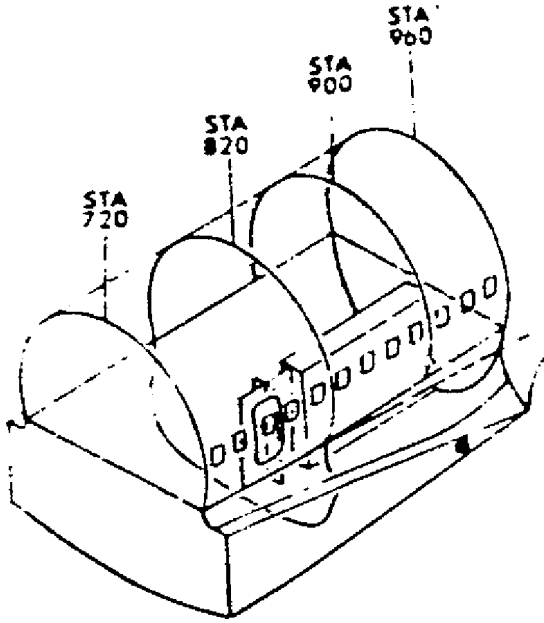



FIGURE 13

MAINT **RII/INSP**

sabena B707	Module: GENERAL	A/C Reg :	Check :	 01F200001 Page 25 of 31
	Oper. : RT-MP LC			
	Type : MEC-INSP	Issuer : A59513	Cert.St.: 50516	
	Spec. : MECH. INSP	Release Date: 03.05.2011		

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

MAINT RII/INSP

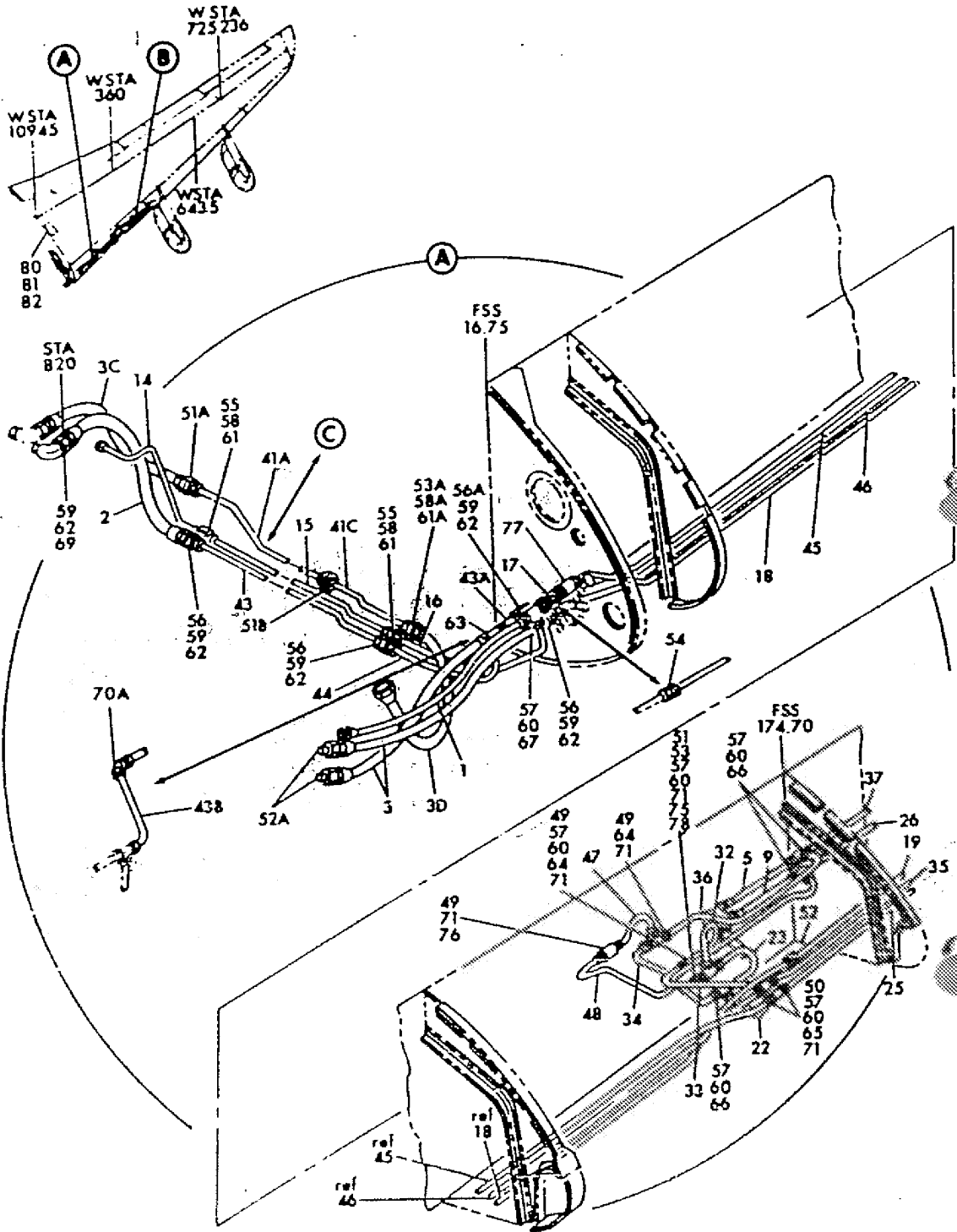



FIGURE 14

sabena B707	Module: GENERAL	A/C Reg :	Check :	 01F200001 Page 26 of 31
	Oper. : RT-MP LC			
	Type : MEC-INSP	Issuer : A59513	Cert.St.: 50516	
	Spec. : MECH. INSP	Release Date: 03.05.2011		

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

MAINT	RII/INSP
-------	----------

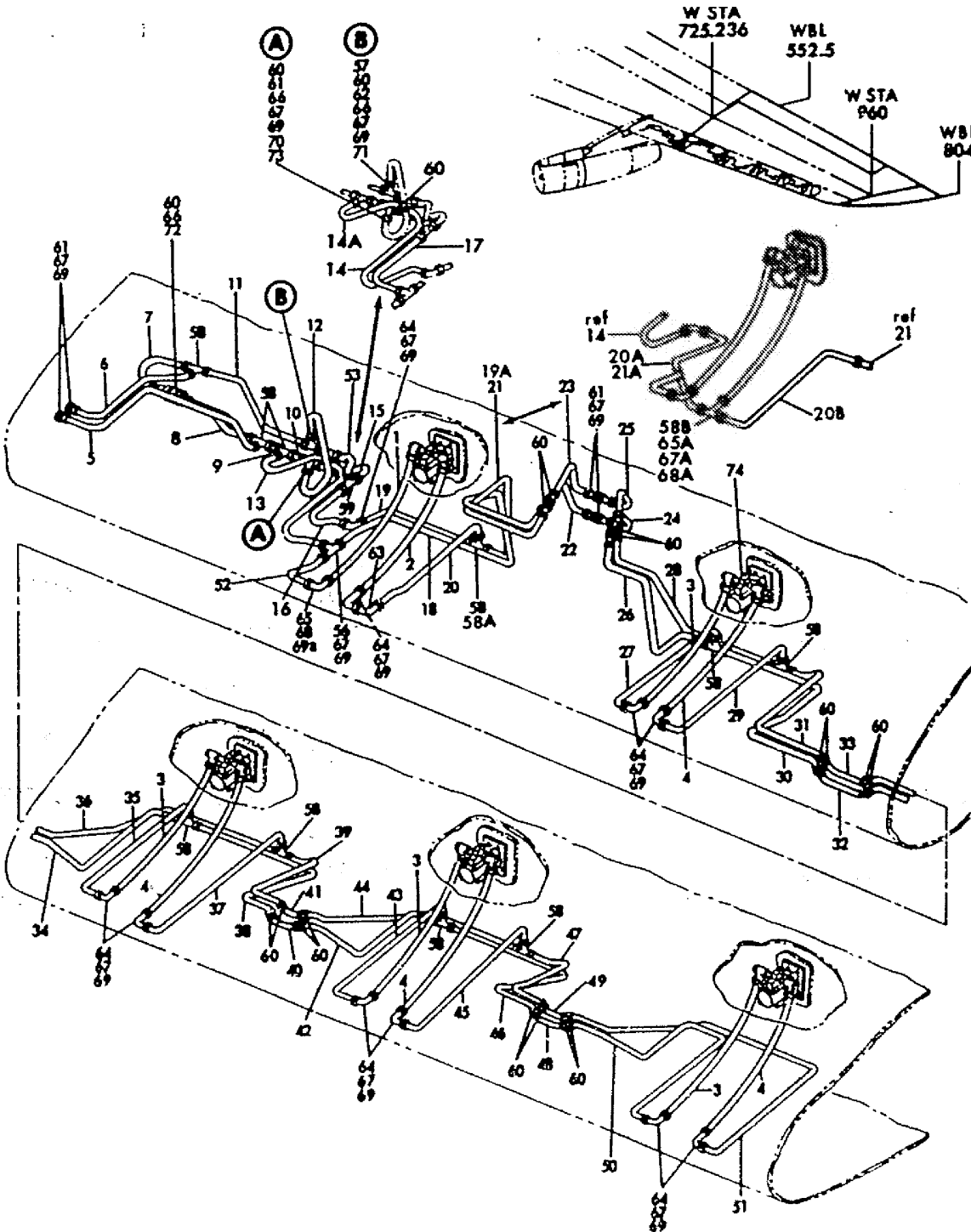



FIGURE 15

sabena B707	Module: GENERAL	A/C Reg :	Check :	 01F200001 Page 27 of 31
	Oper. : RT-MP LC			
	Type : MEC-INSP	Issuer : A59513	Cert.St.: 50516	
	Spec. : MECH. INSP	Release Date: 03.05.2011		

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

MAINT	RII/INSP

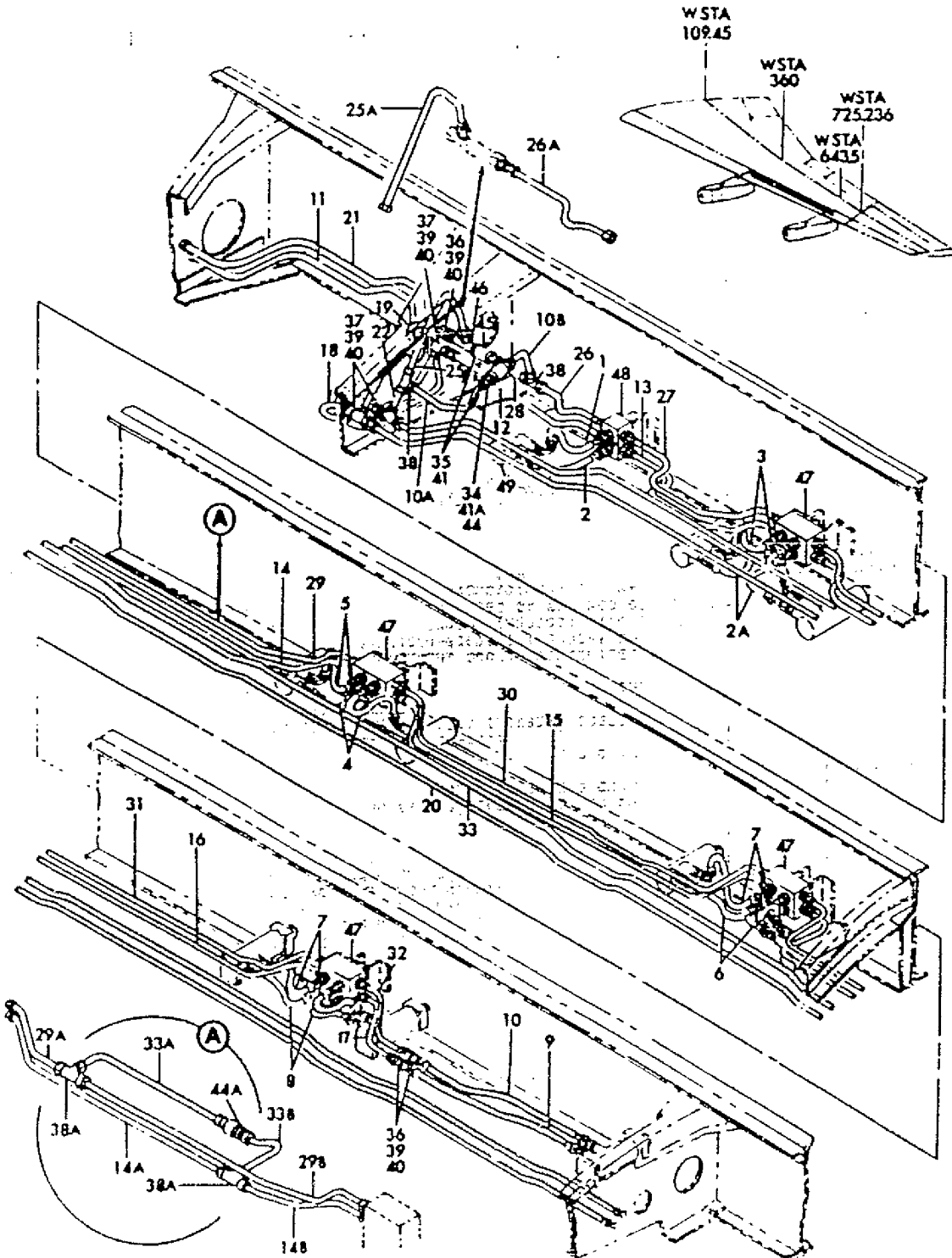



FIGURE 16

sabena B707	Module: GENERAL	A/C Reg :	Check :	 01F2000001 Page 28 of 31
	Oper. : RT-MP LC	Issuer : A59513	Cert.St.: 50516	
	Type : MEC-INSP	Release Date: 03.05.2011		
Spec. : MECH. INSP				

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

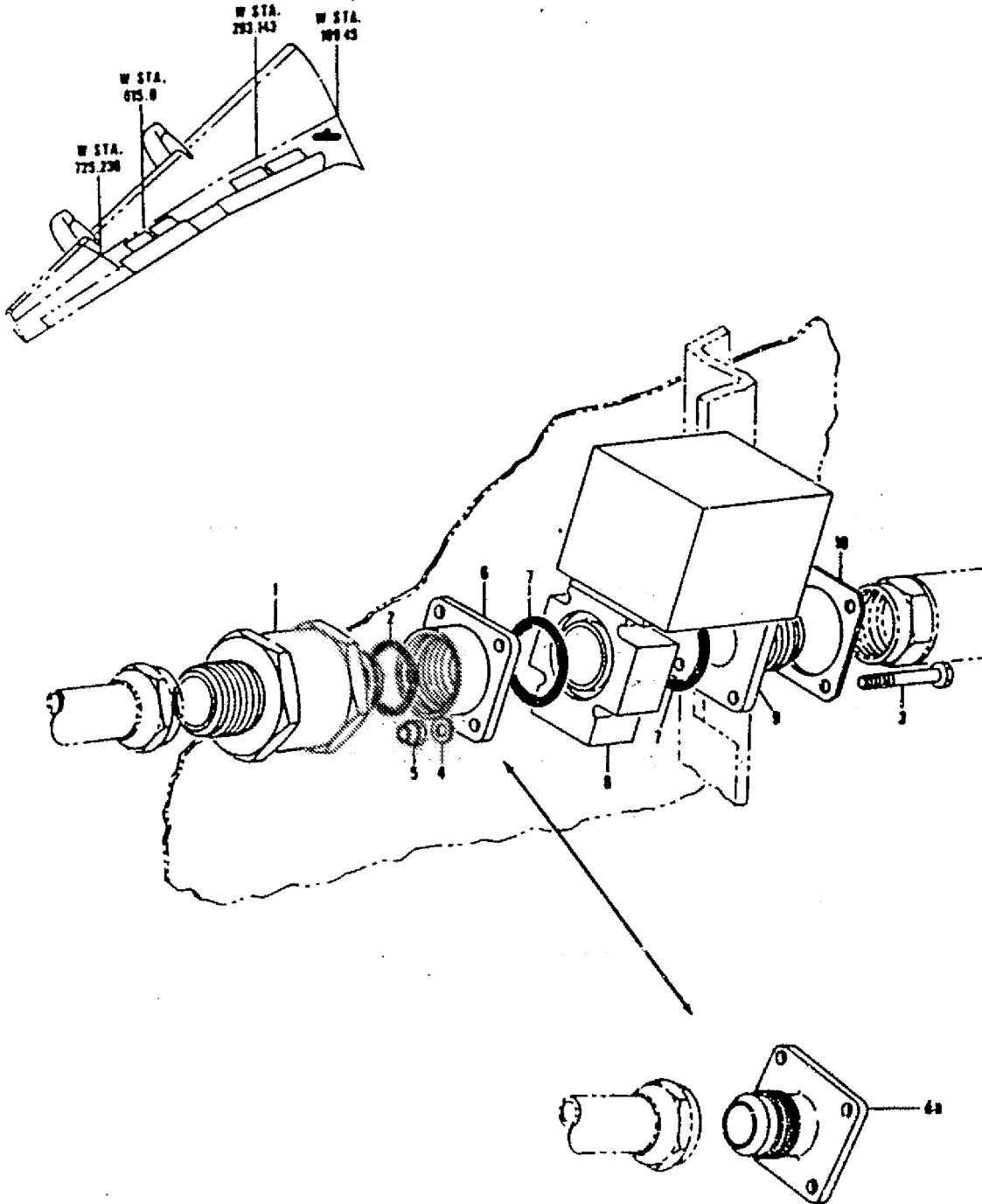



FIGURE 17

MAINT	RII/INSP

sabena B707	Module: GENERAL	A/C Reg :	Check :	 01F200001 Page 29 of 31
	Oper. : RT-MP LC	Issuer : A59513	Cert.St.: 50516	
	Type : MEC-INSP	Release Date: 03.05.2011		
	Spec. : MECH. INSP			

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

MAINT RII/INSP

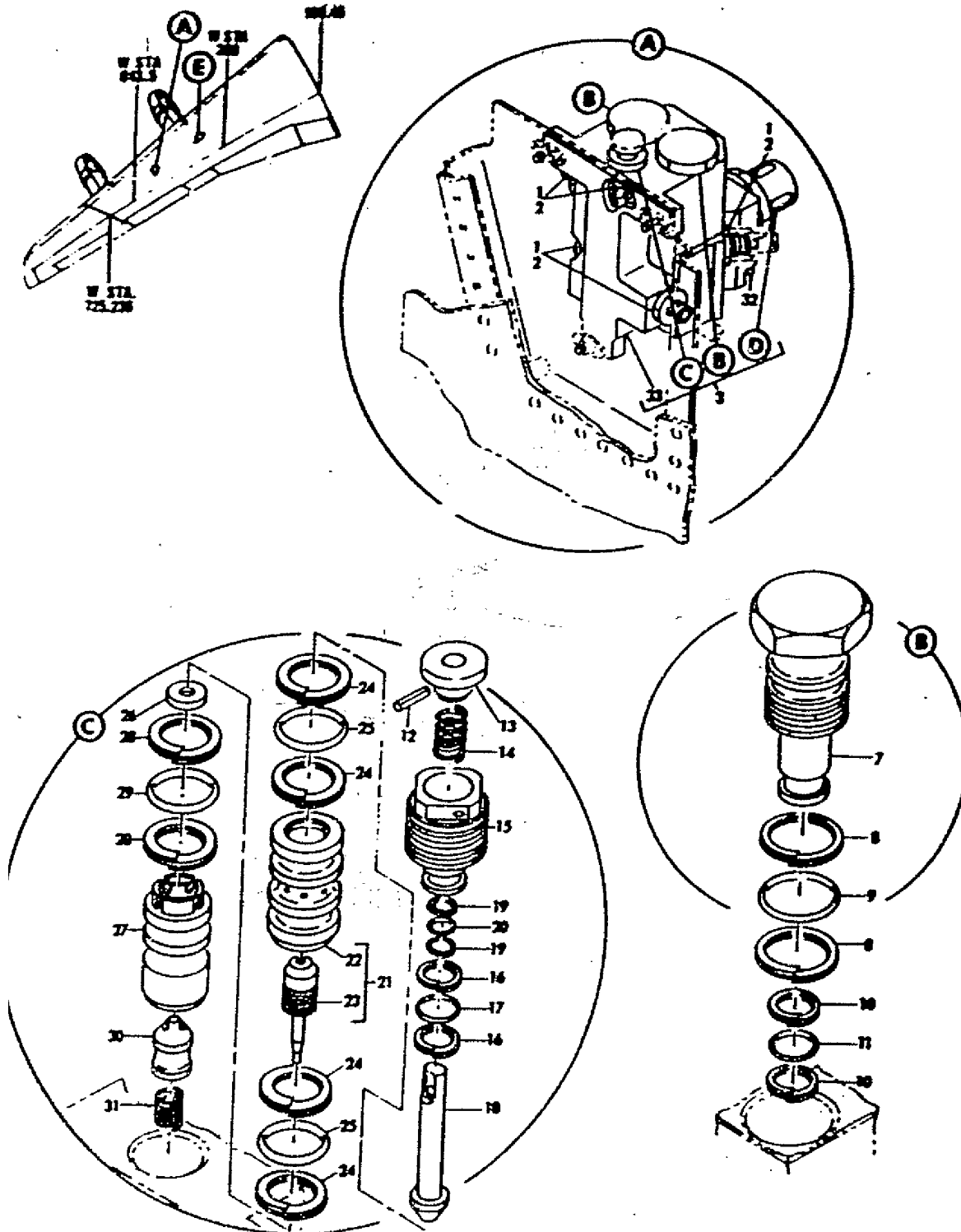



FIGURE 18

sabena B707	Module: GENERAL	A/C Reg :	Check :	 01F200001 Page 30 of 31
	Oper. : RT-MP LC	Issuer : A59513	Cert.St.: 50516	
	Type : MEC-INSP	Release Date: 03.05.2011		
Spec. : MECH. INSP				

HYDRAULIC VALVES (IN-LINE) CRACKS INSPECTION

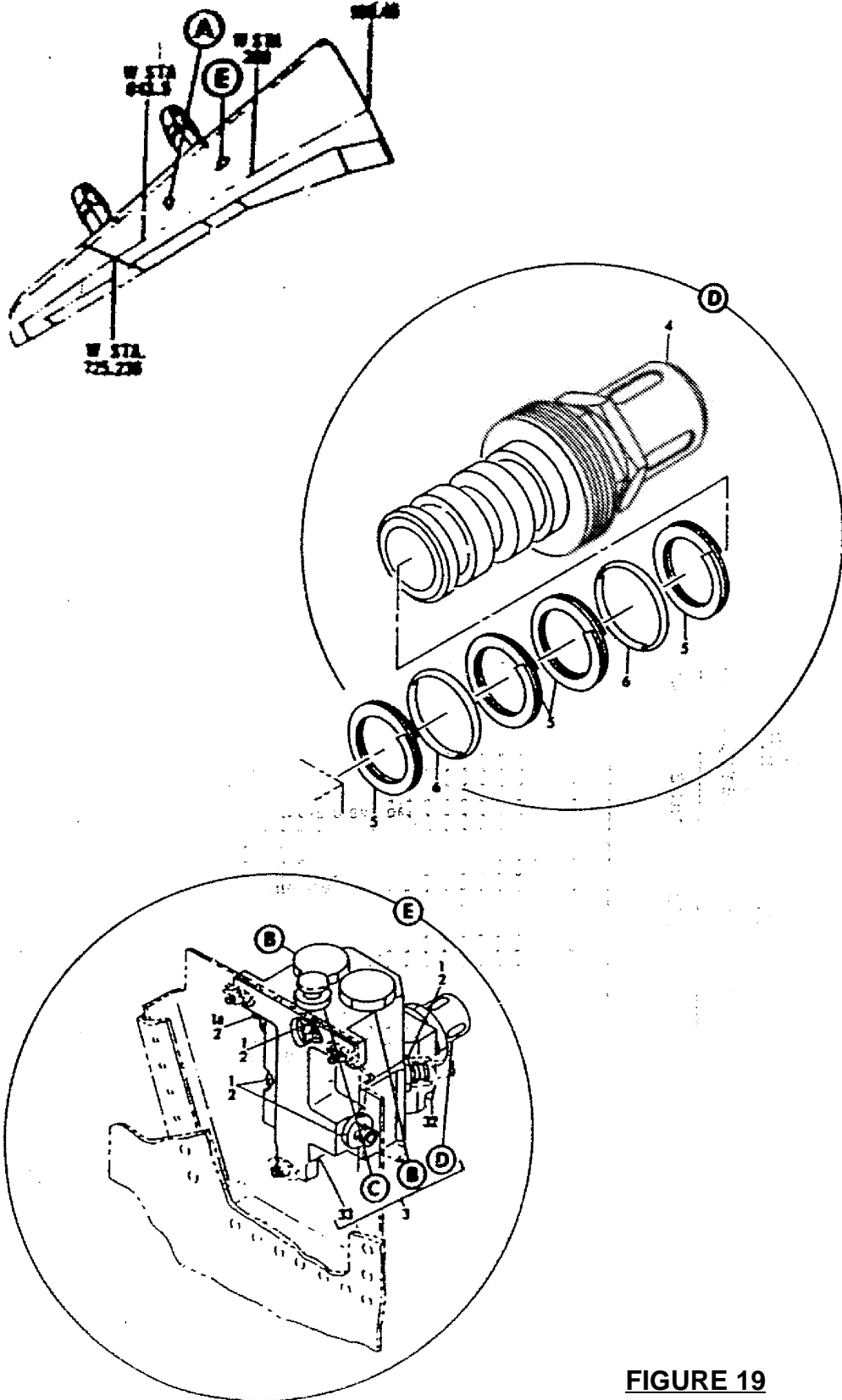
	MAINT	RII/INSP
		

FIGURE 19

