



RIGHT INFO  
DISPLAY>  
MEMORY>

TCAS

APOL REPORT POS REC>  
012.9

SPEED BRAKE

A B C D E  
F G H I J  
K L M N O  
P Q R S T  
U V W X Y  
Z

ALT IN

P

I

T  
R  
I  
M

C

H

NOSE UP

DOWN POSITION

UP POSITION



FLAP



PARKING  
BRAKE  
FULL

NOSE DN  
0  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
NOSE UP

NORM

CUTOUT

C STAB R

R

L FUEL CONTROL R

RUN

CUTOFF

OFF

118.200

118.200

118.200



TOTAL  
FUEL 10.1

1005 X 3000



BOEING 777



GND PROX

FLAP OVBD

GEAR OVBD

LOCK OVBD

TERP OVBD

ALTN GEAR NORM

DOWN

OBRAKE

MAX AUTO

FLAP LIMIT

- 1 - 25K
- 5 - 23K
- 15 - 21K
- 20 - 19K
- 25 - 16K
- 30 - 12K

FMC  
AUTO

EICAS

INBOARD DSPL

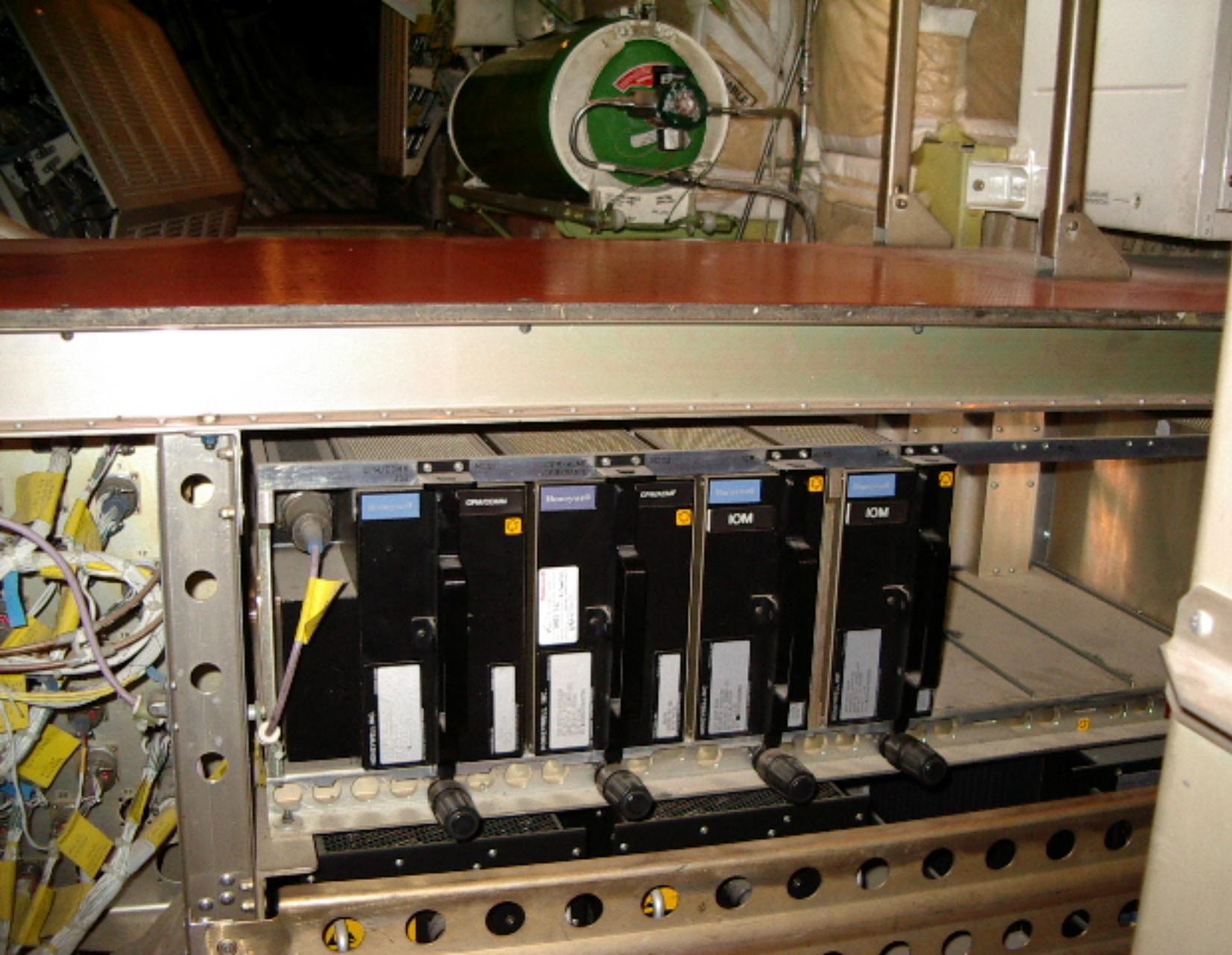
- NORM
- MFD
- NAV

HZ-AKI  
PS-BR











P112 DATA BUS  
PANEL - L

FLIGHT CONTROLS

E277006

ARINC 629

CONNECTOR MODE COUPLER  
SOT SYSTEMS, INC.  
HUNTERSVILLE, NORTH CAROLINA  
COURTESY OF RGNH 12442600-10  
COVER SHEET 2001 EN 0522333-709  
WORKING DRAWING NO. 200001-4  
REV. A



POWER CONTROL

PWA	SWITCH
A2	P310 C31634
A3	P310 C31637 P310 C31634
A4	A3 S1
A5	A3 S2
A6	A3 S3
A7	A3 S4
A8	A3 S5
A9	A3 S6 A3 S7
A10	A3 S7 A18 S1
A11	A18 S1 A3 S6
A12	A18 S2
A13	A18 S3
A14	A18 S4
A15	A18 S5
A16	A18 S6
A17	A18 S7
A18	P310 C31637 P310 C31634
A19	P310 C31637

LEFT SYSTEMS CARDFILE  
PN 285W307 REV SN MFG 1992  
MFG DATE CODE BOEING  
LEVEL 1 PERIODIC

LEFT SYSTEMS  
CARDFILE

P85

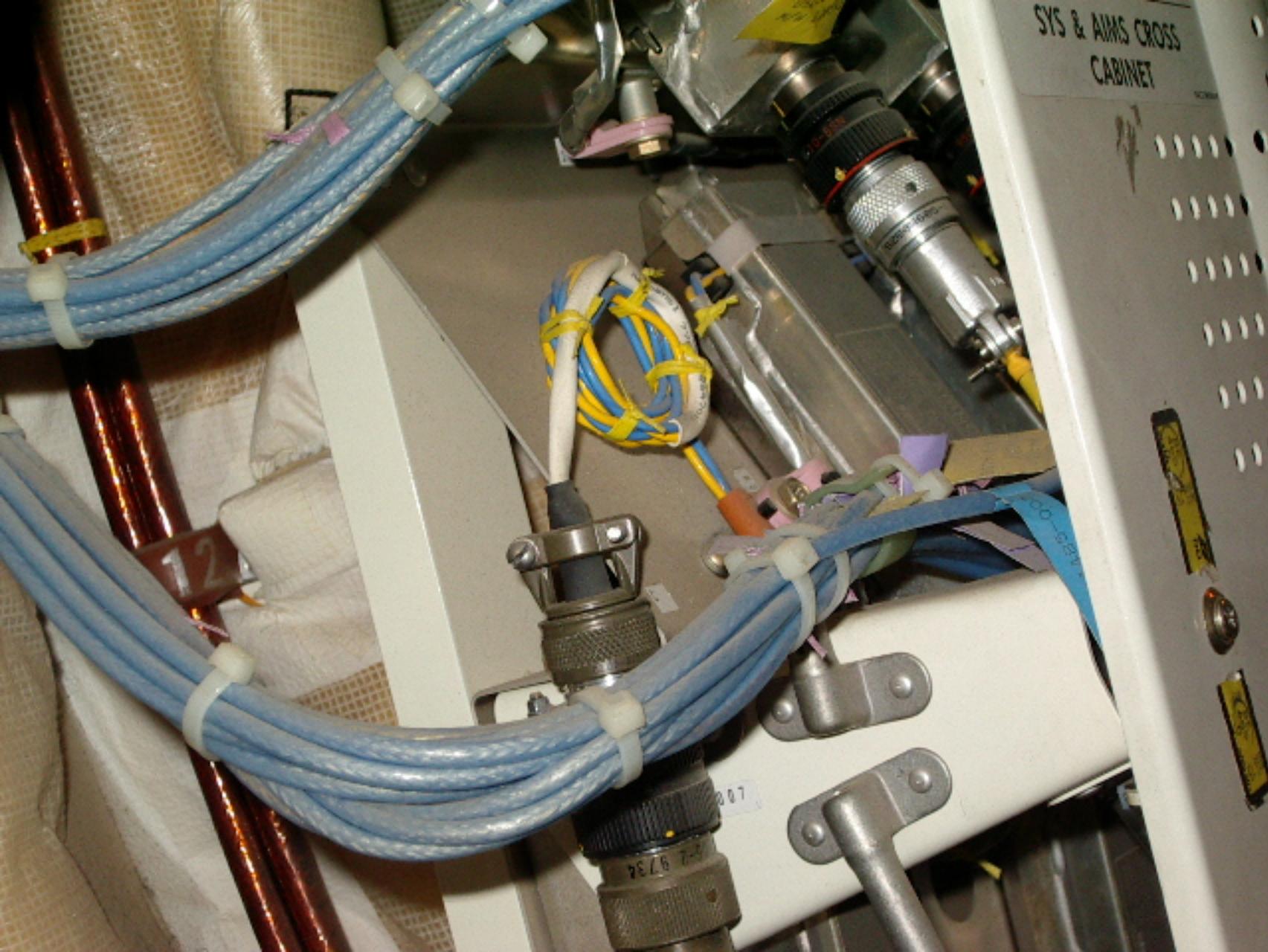
CAUTION  
NO PULL ON CABLE  
ARMED MODE  
TRIM MODE

ARMED MODE  
TRIM MODE  
NO PULL ON CABLE  
BE SURE TO TIGHTEN

| A3       |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 14010001 | 14010002 | 14010003 | 14010004 | 14010005 | 14010006 | 14010007 | 14010008 | 14010009 | 14010010 | 14010011 | 14010012 | 14010013 | 14010014 | 14010015 | 14010016 | 14010017 | 14010018 | 14010019 | 14010020 |



SYS & AIMS CROSS  
CABINET

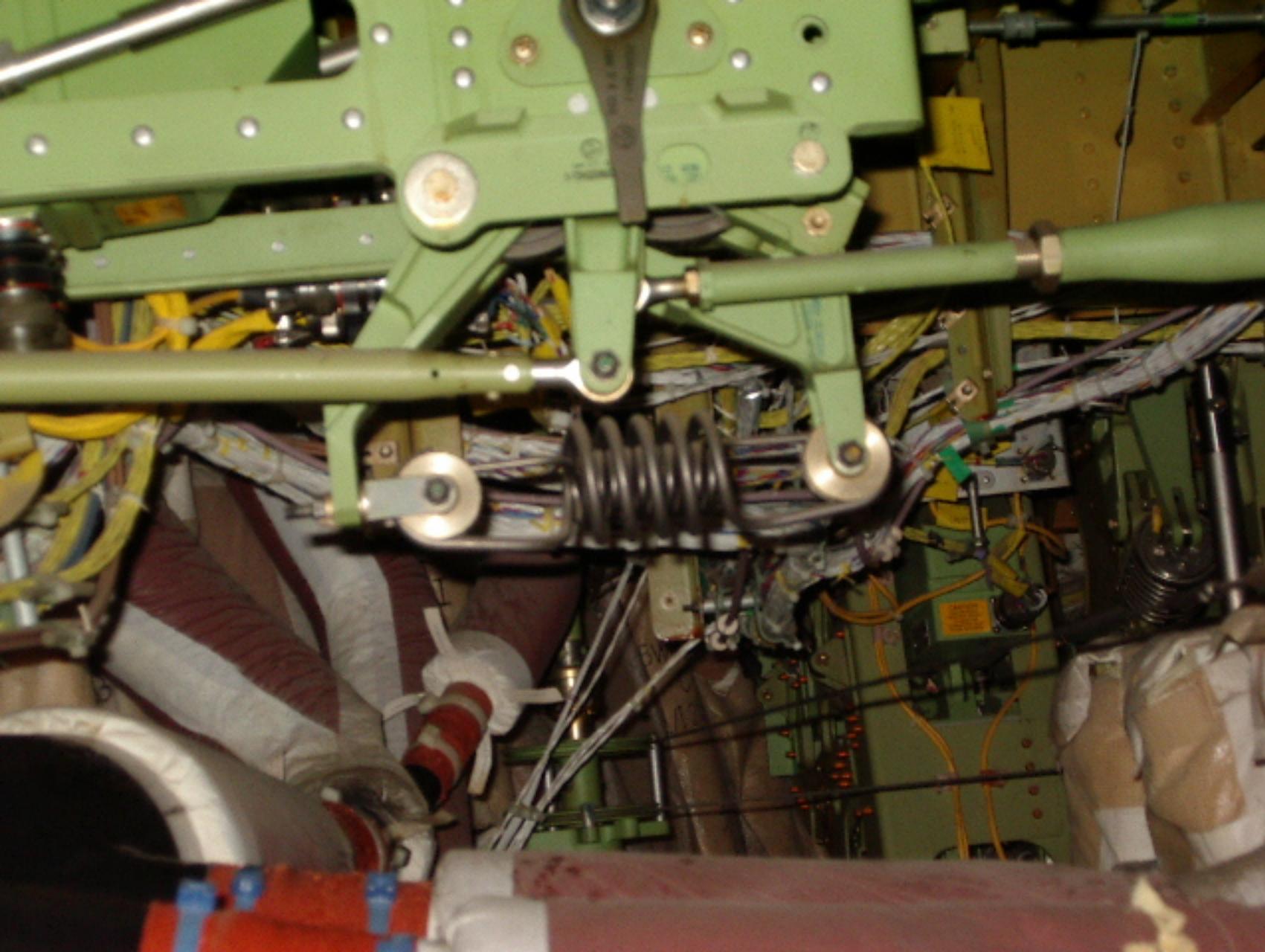


L/I 214123



LGB1A

GB1B



**WARNING**  
Hazardous Voltage  
Do Not Remove  
Ground Wire  
Disconnect Power  
Before Cleaning  
And Servicing  
This Unit  
Failure To Follow  
These Instructions  
May Result In  
Serious Injury  
Or Death

6329

5/27/08

527008

## POWER CONTROL

PWA SWITCH

A2 P310 C31634

A3 P310 C31637

P310 C31634

A4 A3 S1

A5 A3 S2

A6 A3 S3

A7 A3 S4

A8 A3 S5

A9 A3 S6

A3 S7

A10 A3 S7

A18 A3 S1

A11 A18 S1

A3 S6

A12 A18 S2

A13 A18 S3

A14 A18 S4

A15 A18 S5

A16 A18 S6

A17 A18 S7

A18 P310 C31637

P310 C31634

A19 P310 C31637

POWER OFF

A3

## LEFT SYSTEMS CARDFILE

P/N 285W0031 S/N 0004 MFG 03/01

MOD A F C D E

LEVEL F G H J K

BOEING

RECEIVED

LEFT SYSTEMS  
CARDFILE

P85

CAUTION  
TWO-PERSON LIFTEMPTY WEIGHT 31 LBS MA  
FULLY LOADED 70 LBS MA

DRAFT

MAC270000000000000000

A2

A3

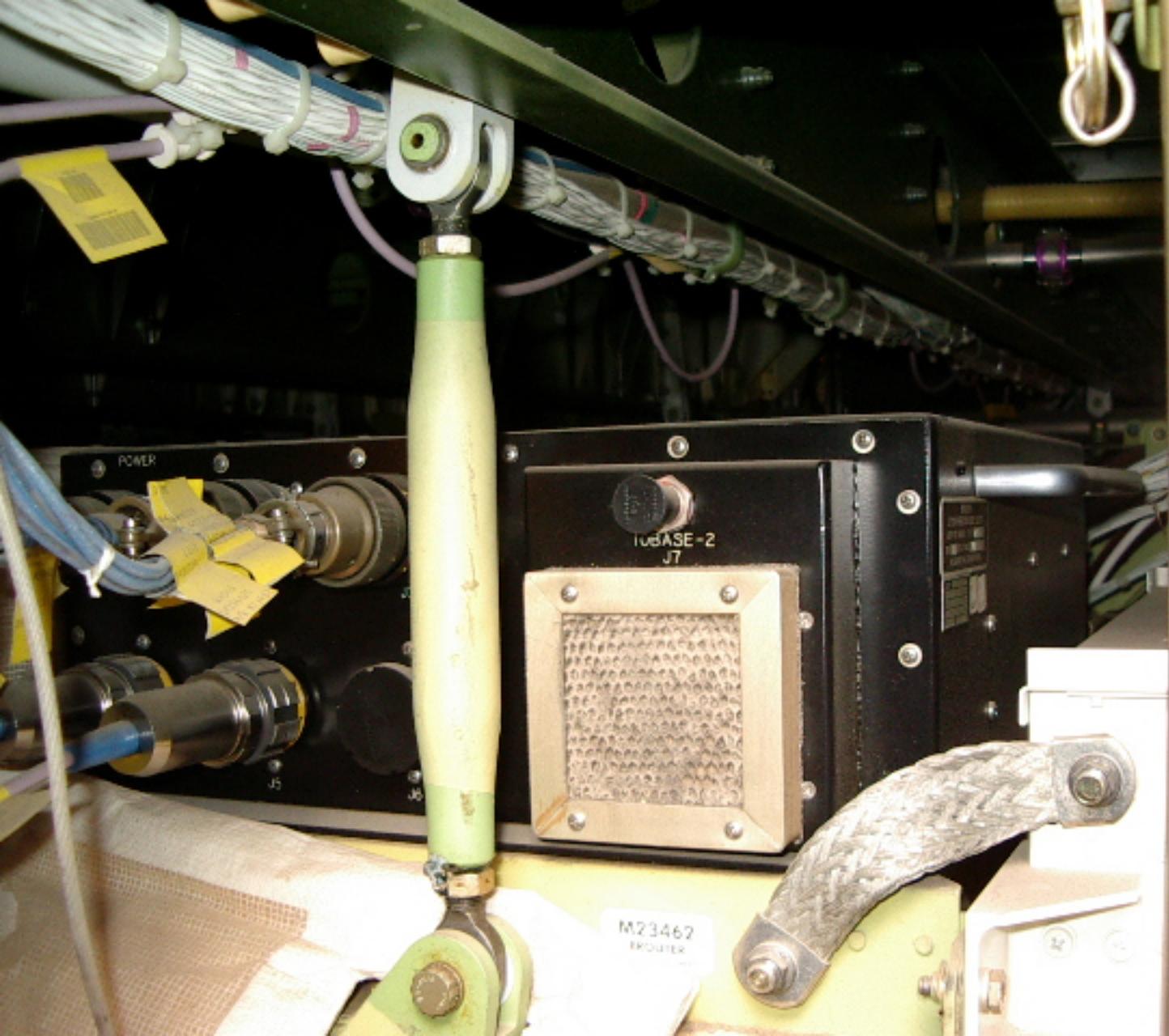
AFDIM C.L.  
285W0017 (P85 A4)L. Duct Leak Detection  
5218W401 (P85 A5)L. ACIPS (L. EAI)  
5218W101 (P85 A6)SPARE  
(P85 A7)APU FODC  
5332W310 (P85 A9)L. FODC  
5332W310 (P85 A10)SPARE  
(P85 A11)L. ARINC Signal Gateway  
285W0020 (P85 A12)SPARE  
(P85 A13)L. ECS  
285W0019 (P85 A14)L. ARINC Signal Gateway  
285W0020 (P85 A15)L. Weight on Wheels  
5283W301 (P85 A16)HYDIM L.  
285W0017 (P85 A17)

A18

A19

PSU Linear/Monitor  
285W0038 (P85 A18)PSU Preregulator  
285W0038 (P85 A19)

MAC270000000000000000



P110 LEFT POWER MANAGEMENT PANEL

1 2 3 4 5 6 7 8 9 10 11 12 13 14

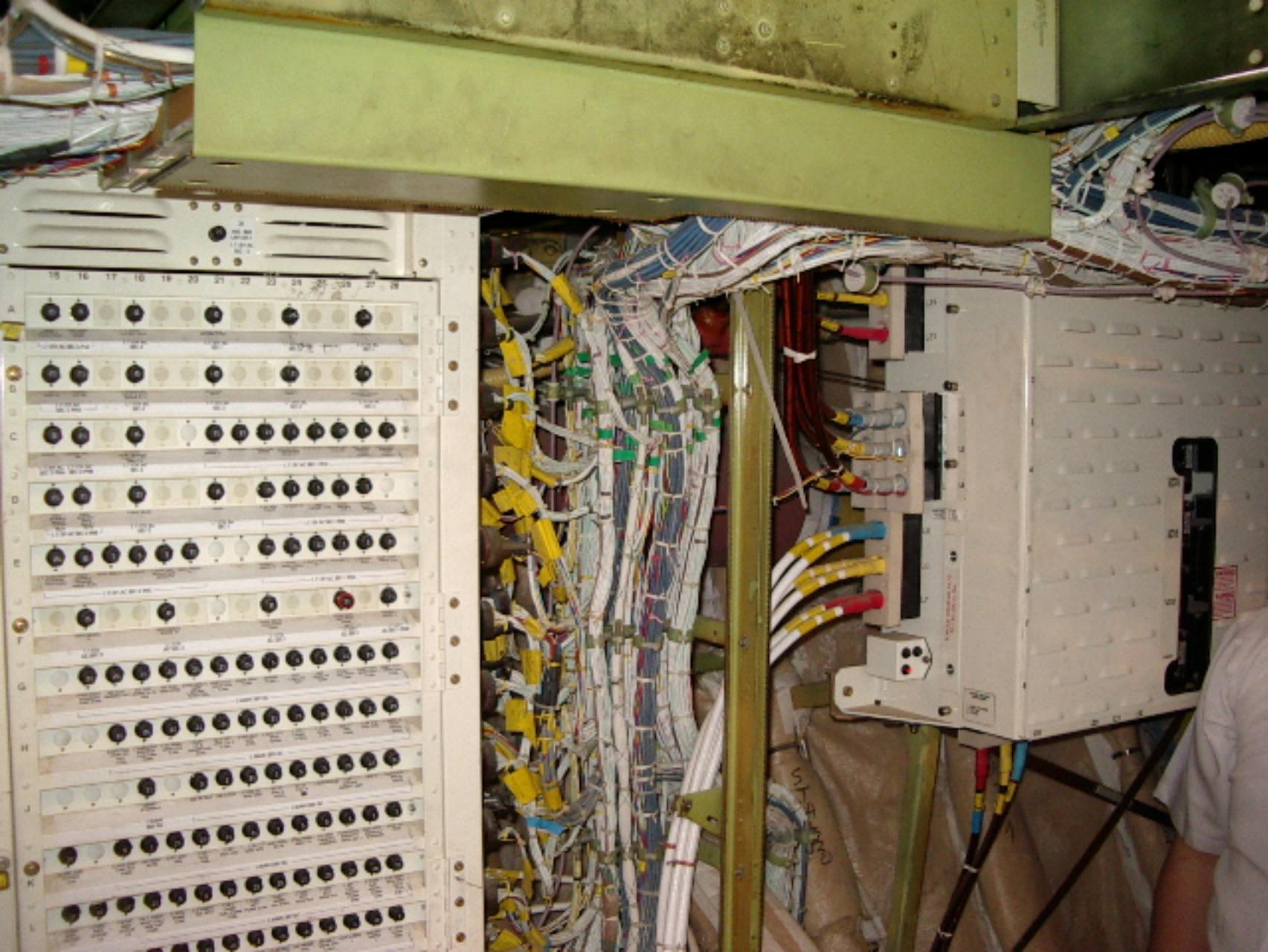


HOFA  
NO. L  
300A

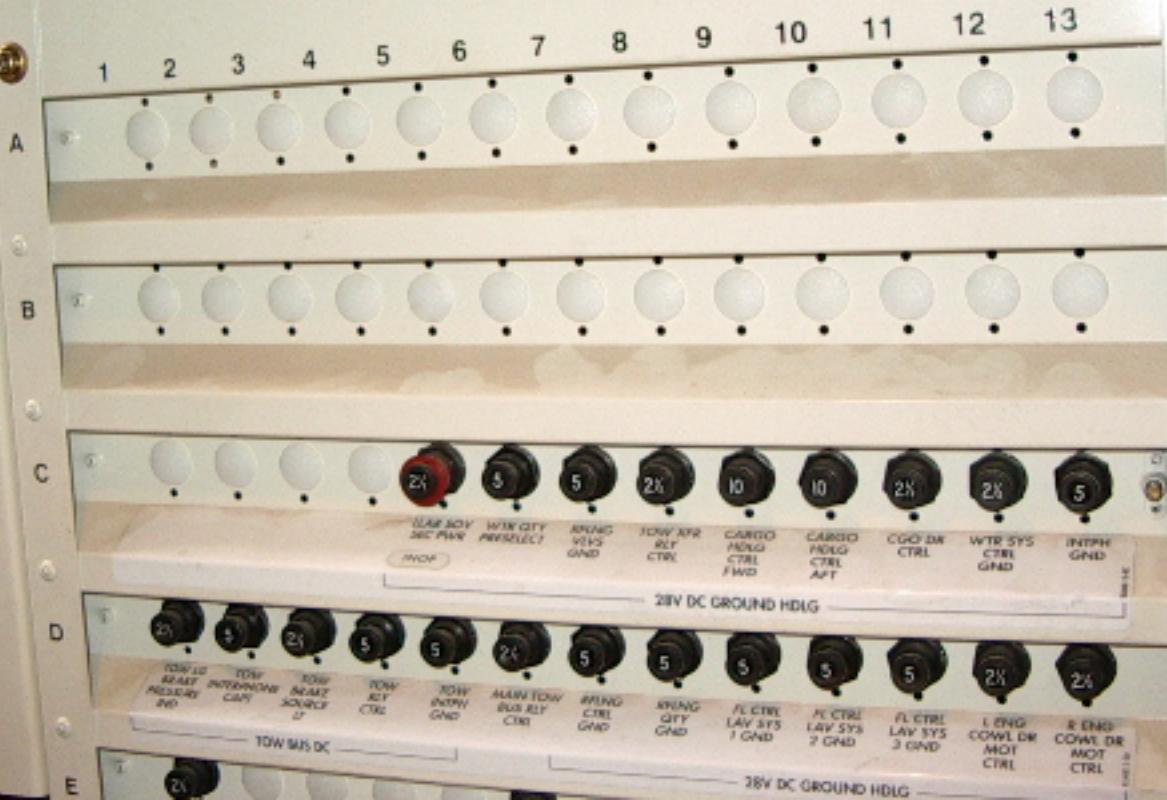
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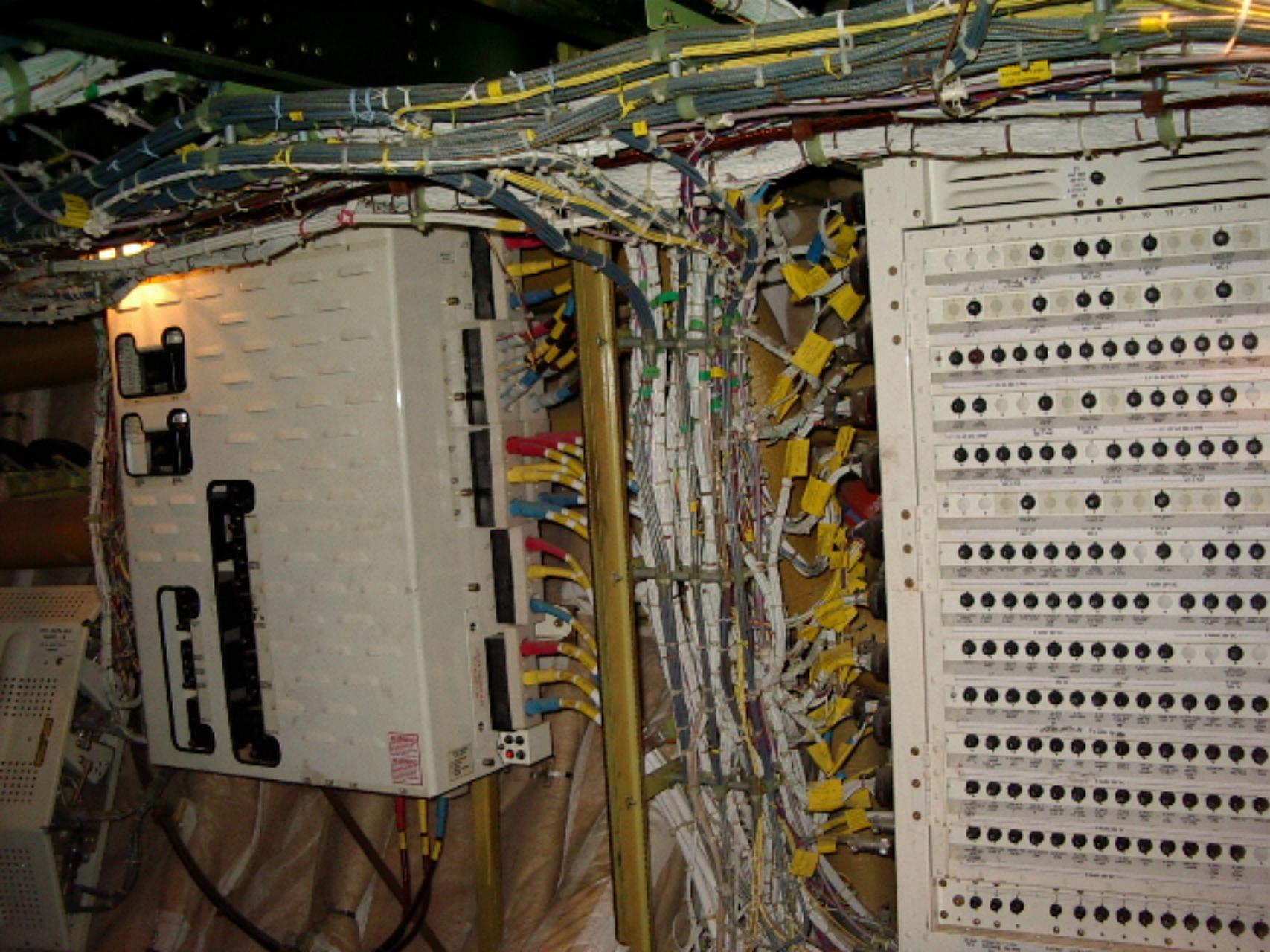
C

D



GROUND SERVICE/HANDLING  
PAPER 320  
WEIGH 48 lbs  
ROAD P/N: 4207600-4117  
SL. P/N: 4207601-305 No. 2141  
SOUTHERN INDUSTRIES  
FORT WORTH, TEXAS







STEP









ATCHED

EARPACK  
EARPACK COLOR

CAD

THIS ASSEMBLY  
CONTAINS  
ELECTROSTATIC  
SENSITIVE  
DEVICE

REF UNIT

DANGER  
HIGH VOLTAGE  
115V/200V

MAX  
WEIGHT  
67  
BS

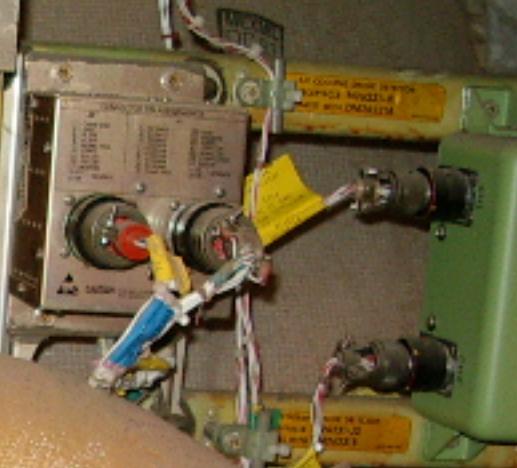


415W0110-370  
C  
L/I 214234

415W0110-364

F

L/I 214232



AL5

415-1110-370  
C  
L 214234



AN COORDINATE POSITION  
CIRCUIT M2622-A  
AS WEN GM2622A



iedS 11-2266

EROSPACE

CONTROLLER FOR SUPPLY AND DRAIN PRESSURE  
PART NO.: 7017900-1 S/N: 67090132  
SUPPLY: 20PSI VACUUM: 20PSI  
DRAIN EQUIPMENT NO.: 7017900-2 S/N: 67090132  
PowerSignal

TJ1



FIG. 1



FIG. 2

## INSTRUCTIONS FOR INSTALLATION AND REMOVAL OF ELEC/ELEX BOXES

CAUTION: ELECTROSTATIC SENSITIVE DEVICE  
(REFERENCE ESD-100)

### 1. TO INSTALL BOX

- A. TO POSITION THE BOX PLACE BOX ON TRAY. GENTLY SLIDE BOX TO PARTIALLY ENGAGE THE BRR CONNECTOR.
- B. TO ENGAGE THE HOLD DOWN, PLACE THE DEEP SLOT OF THE KEEPER RING OVER THE HOOK ON THE BOX. ROTATE KEEPER RING 1/2 TURN TO SECURE THE HOLD DOWN (SEE FIG. 1).  
NOTE:
  - ON A HOLD DOWN WITH A LATCH OR SLOT, COMPRESS THE KEEPER RING, PLACE THE KEEPER RING OVER HOOK, ROTATE THE LATCH CW (CLOSED POSITION) TO SECURE THE HOLD-DOWN.
  - ON A HOLD DOWN WITHOUT A LATCH OR SLOT, COMPRESS THE KEEPER RING, PLACE THE KEEPER RING OVER HOOK AND RELEASE TO SECURE THE HOLD-DOWN.
- C. TO SECURE THE BRR, ROTATE HOLD-DOWN KNOB CW UNTIL CLUTCH LIMIT IS REACHED (REPEATED CLICKING NOISE INDICATES CLUTCH LIMIT IS REACHED). IF BOX HAS MORE THAN ONE HOLD-DOWN, ROTATE THE KNOBS AT THE SAME TIME.

### 2. TO REMOVE BOX

- A. ROTATE KNOB CW WHILE APPLYING DOWNWARD PRESSURE TO THE BOX HANDLE. PACE THE BOX OUT OF THE CONNECTOR APPROXIMATELY 1/8 INCH (SEE FIG. 2). IF BOX HAS MORE THAN ONE HOLD-DOWN, ROTATE THE KNOBS AT THE SAME TIME.
- B. ROTATE AND/OR COMPRESS KEEPER RING OR ROTATE LATCH TO RELEASE HOLD-DOWN AND GENTLY SLIDE BOX FROM TRAY.

REVERSE THIS PROCESS

M27122 (ACE)  
ACTUATOR CTRL  
ELEX UNIT, LEFT 2  
MACPWX434

Honeywell

"SELF TEST"

Replace TCAS CU if ONLY the red lamp is on during any status display. The lamp tests. When additional lamps are illuminated, subsystem part replacement of TCAS CU.

HONEYWELL INC. 11-2266

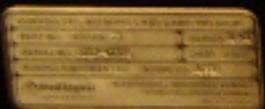
### TCAS COMPUTER

HARDWARE	SOFTWARE
P/N 7017900-10	REV 00-1780
S/N 67090132	LEVEL 6
WT 15.3 lbs	SW 400
DATE 09/97	TSO C11Bb
60-HRC (see Individual Product Specification for Qualification Standards)	HW 100%
	HW 100%
A B C D E F G H J K L M N P R T U	
V W Y Z AM AR AC AS AE AP AR AF	
AA AL AN AP RS AV AT AM AW AWRS	
	FAC SIM
	PERIODICAL REVIEWS

7017900-10A  
HONEYWELL INC.  
7017900-10A REV 00-1780  
HONEYWELL INC.  
7017900-10A REV 00-1780  
157866



AEROSPACE

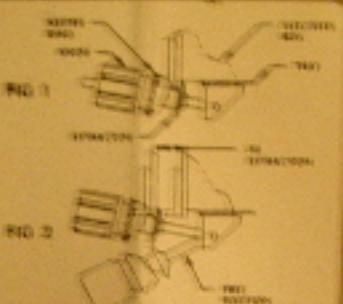


TR



## ELECTRONIC BOXES

RECALL 00000001



### INSTRUCTIONS FOR INSTALLATION AND REMOVAL OF ELECT/ELEX BOXES

#### NOTICE: THIS PROCEDURE APPLIES TO BOTH ELECTRONIC AND ELECTRICAL BOXES.

#### 1. TO INSTALL BOX

- POSITION THE BOX SO THAT THE BOX ON TWO "WELDED" SLIDES CAN BE ROTATED. PLUG IN THE WIRE CONNECTOR.
- PLUG IN THE POWERDOWN. BACK TO THE DRY GUL.
- IF NEEDED, TURN OVER THE BOX ON THE DRY GUL, ROTATE SLIDES 90 DEG CCW, TURN TO SECURE THE POWERDOWN, THEN TURN TO ROTATE THE BOX.
- THIS IS HOW YOU POSITION THE BOX. MAKE SURE THE ATTENTION DOME ROTATES, THREW THE ATTENTION MODE. ROTATE THE ATTENTION MODE 180 DEGREES, TO SECURE THE POWERDOWN.
- ON REVERSE THE POWERDOWN, COMPRESS THE ATTENTION DOME, TURN 180 DEGREES, THEN TURN 180 DEGREES, AND ROTATE TO SECURE THE POWERDOWN.
- TO STORE THE BOX, ROTATE FROM POWERDOWN MODE, TURN 180 DEGREES, TURN 180 DEGREES, ROTATE FROM POWERDOWN MODE, TURN 180 DEGREES, ROTATE FROM POWERDOWN MODE, TURN 180 DEGREES, AND ROTATE FROM POWERDOWN MODE.

#### 2. TO REMOVE BOX

- ROTATE POWERDOWN MODE 180 DEGREES, ROTATE POWERDOWN MODE 180 DEGREES, BACK TO POWERDOWN MODE.
- PLUG OUT THE POWERDOWN, TURN 180 DEGREES, TURN 180 DEGREES.
- ROTATE POWERDOWN MODE 180 DEGREES, BACK TO POWERDOWN MODE.

ARMED AND  
ACTUATOR, CTRL  
ELEX UNIT, LEFT 2  
RECALL 00000001

HONEYWELL

"SIGHT TEST"

Perform THIS TEST ONLY If You ToDetermine  
Before To Do During Any Status Display Functioning.  
The Test Will Then Establish Properly On  
The Reference Information Within The System In  
Relationship To ToD-CU.

HONEYWELL INC. 00-000-  
TOE COMPUTER

HW/WHITE	SW/TW/WHITE
HW/BLACK	SW/BLACK
HW/GRAY	SW/GRAY
HW/WHITE	SW/WHITE
HW/BLACK	SW/BLACK

DATA LO















**INSIDE OPERATING  
LARGE CARGO**

**CAUTION**

- Hold onto the handle and grip firmly.
- Do not hold the door handle while opening or closing.
- Do not open or close the door when the door is closed.

**TO OPEN DOOR**

1. Pull the yellow switch handle back toward the center until the red indicator light comes on.
  2. Hold the DOOR CONTROL switch handle until the door begins to open.
  3. Hold the DOOR CONTROL switch handle until the door is fully open.
- When the door opens, it will shut off automatically when the door is fully open.

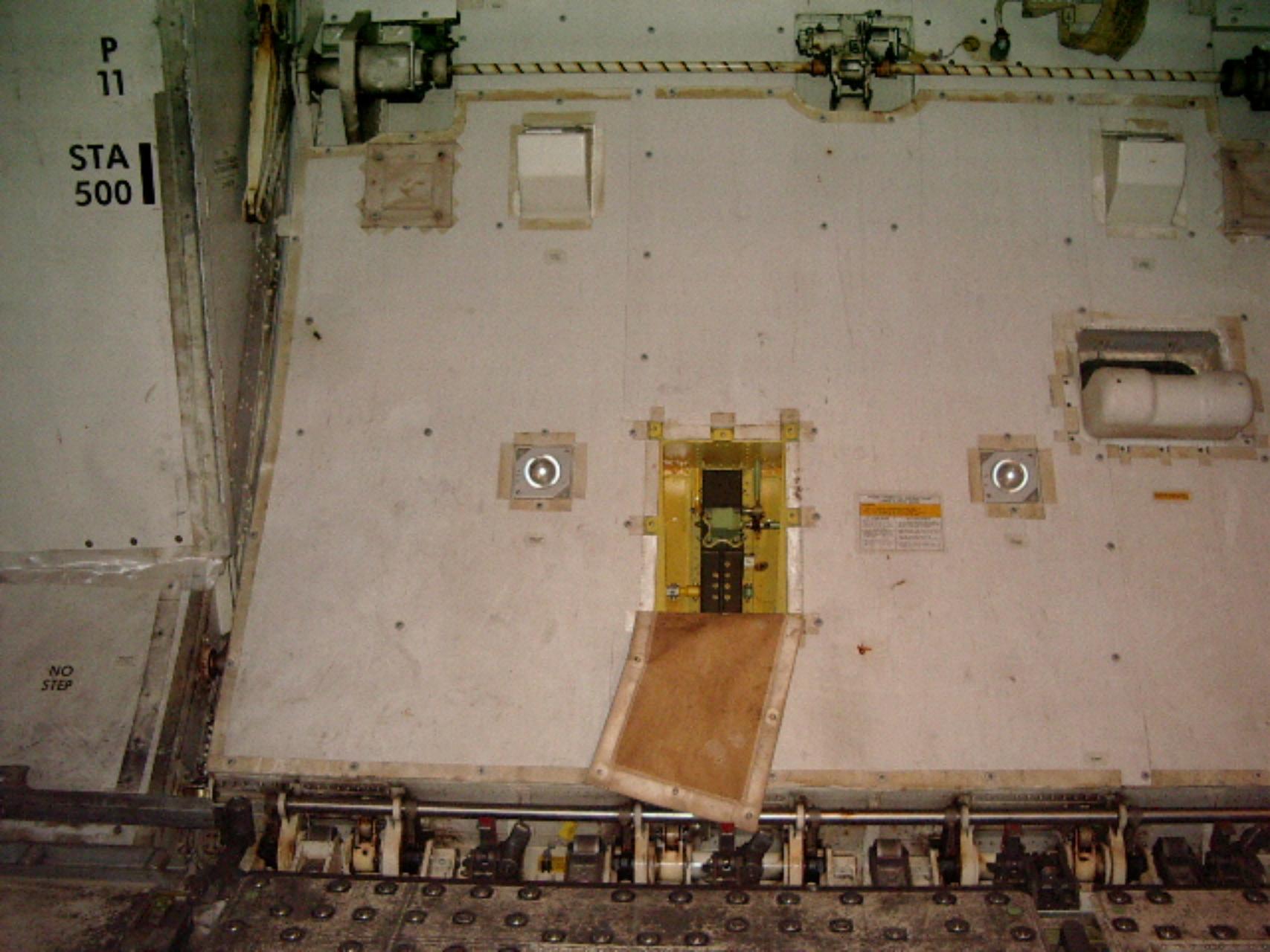


BH-B-1 BH-1-2 N/S  
B-1-2 N/S  
B-1-2 N/S  
B-1-2 N/S  
B-1-2 N/S

P  
11

STA  
500

NO  
STEP



**E5**  
MID  
EQUIPMENT  
CENTER

WIRE HARNESS  
DO NOT PULL  
2B7W5046-1

**DRIVEBAY D**

**14**

**R**

**21**

**R**

STATIC PORT  
AIR DATA SYSTEM

**CAUTION**  
FIRE EXTINGUISHING  
EQUIPMENT, CARGO  
COMPARTMENT

**CAUTION**  
FIRE EXTINGUISHING  
EQUIPMENT, CARGO  
COMPARTMENT

**CAUTION**  
FIRE EXTINGUISHING  
EQUIPMENT, CARGO  
COMPARTMENT

**NO**

**NO  
STEP**



ASSEMBLY DATE: 4/4/99



WARNING

CONTAINS HALON, A POLLUTANT  
THAT HARMS PUBLIC HEALTH AND  
ENVIRONMENT BY DESTROYING OZONE IN THE ATMOSPHERE.

STA

4  
R

STATIC PORT  
DATA SYSTEM

CAUTION  
EXTINGUISHING  
EQUIPMENT CARGO  
COMPARTMENT



1234206

45W10

B

12342

6  
7  
7

0310-732

234206

S

T

A

7

1

1

1

45W0310-396

F

1234207









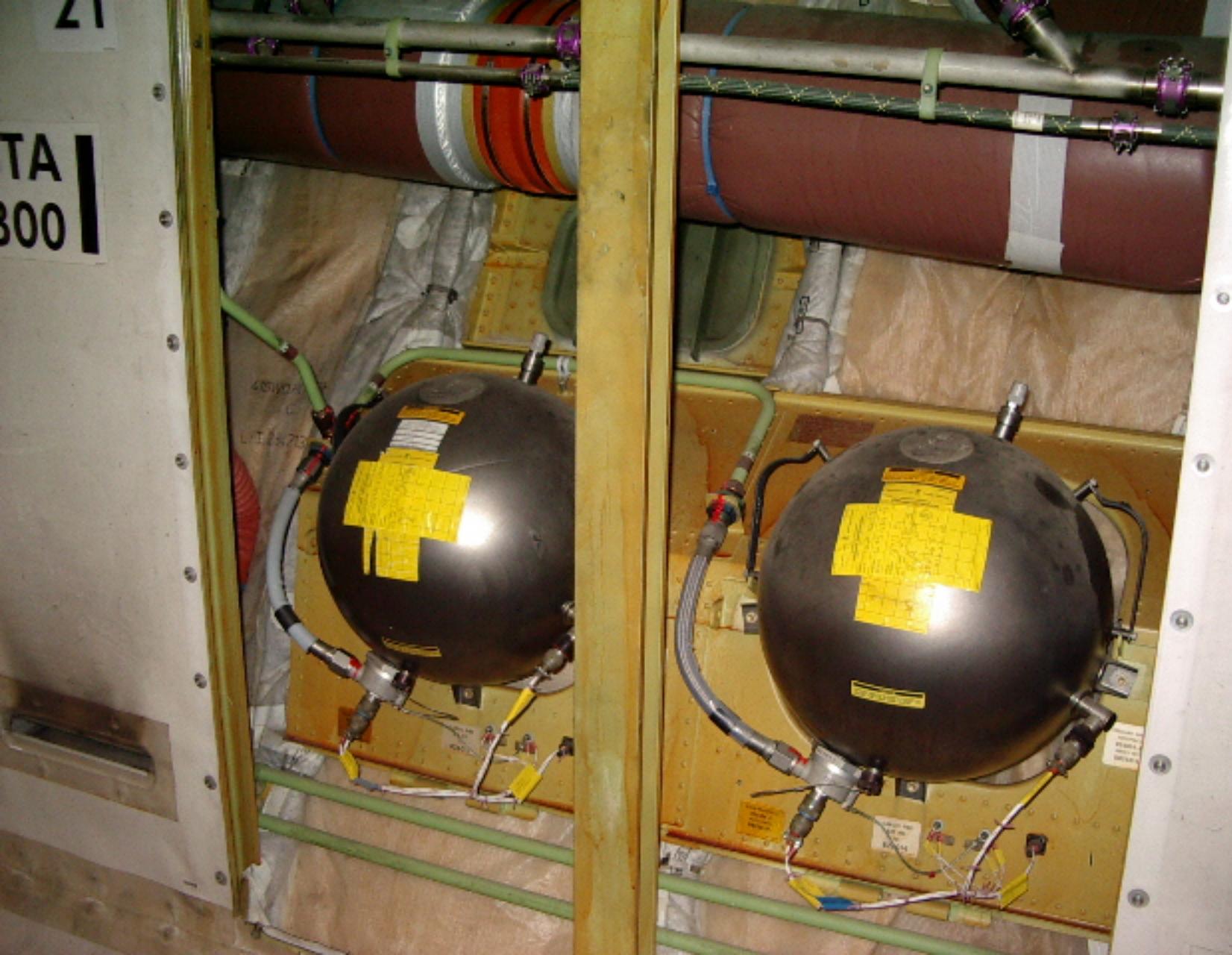
AY E

CAUTION  
FIRE EXTINGUISHER  
EQUIPMENT CARGO  
COMPARTMENT

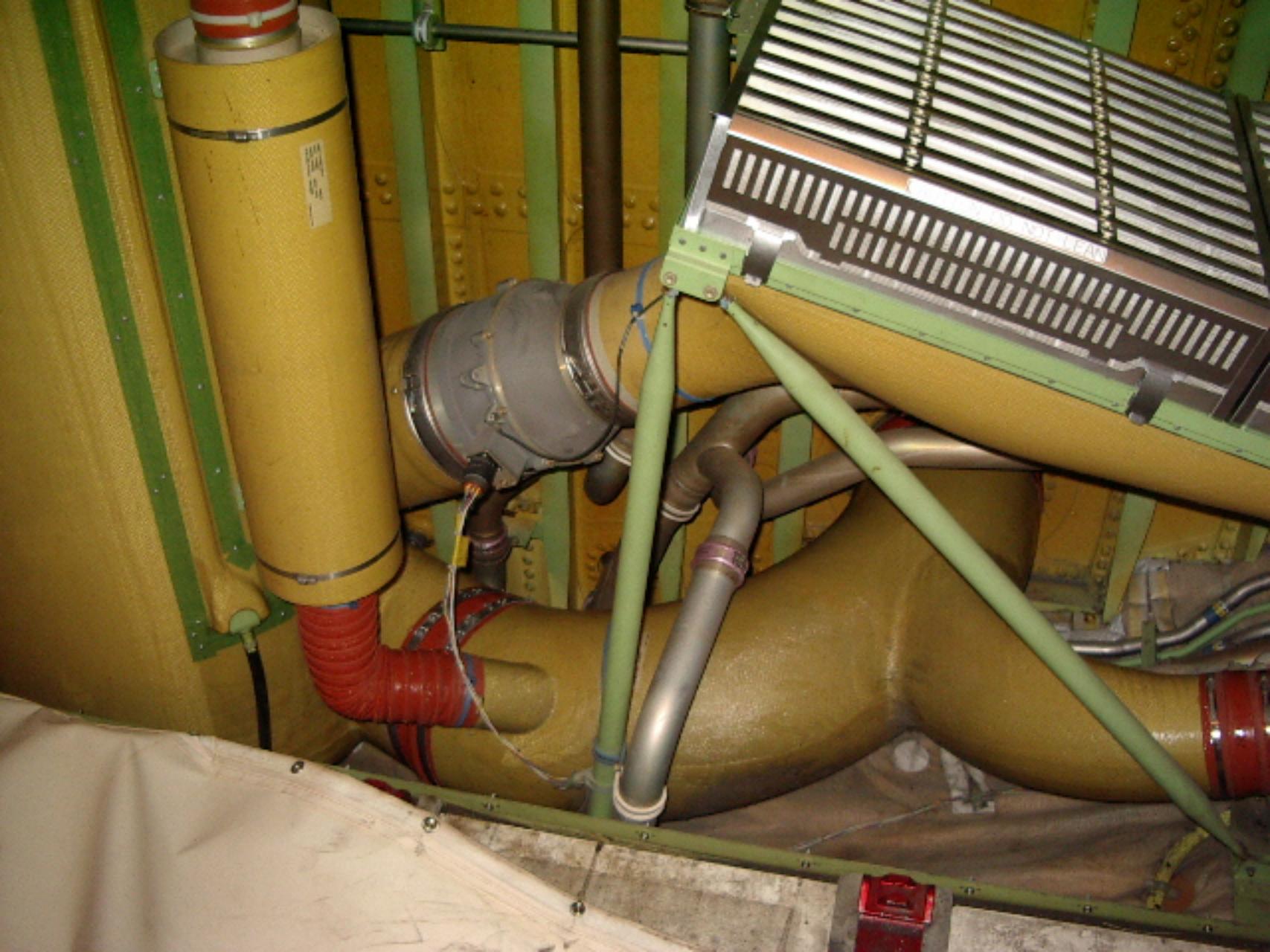
FIRE EXIT BLK 1 CCC CCC  
FIRE EXIT BLK 2

415W0310-398  
C  
L/I 234210

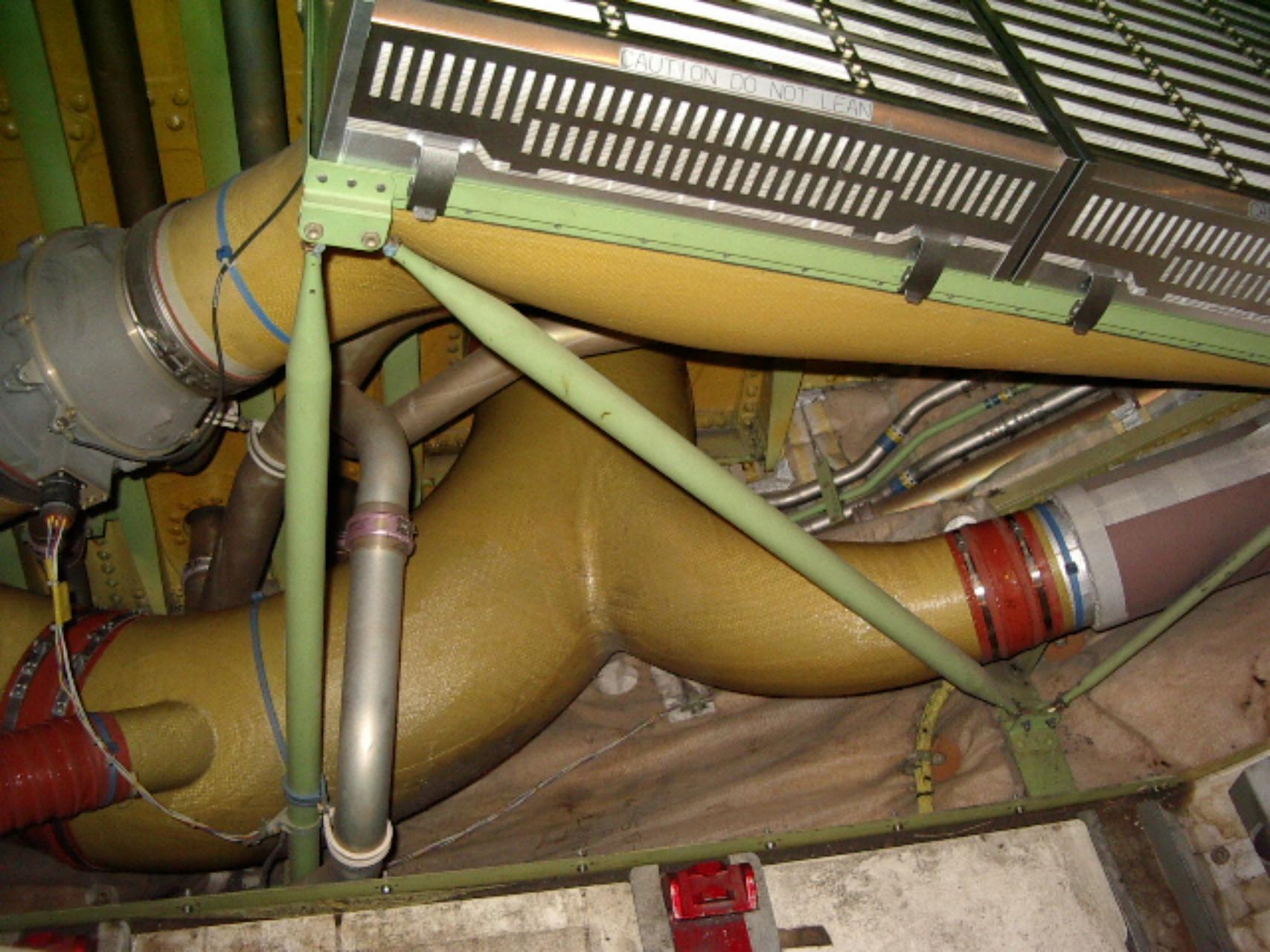








CAUTION DO NOT LEAN



CAUTION DO NOT LEAN

CAUTION DO NOT LEAN



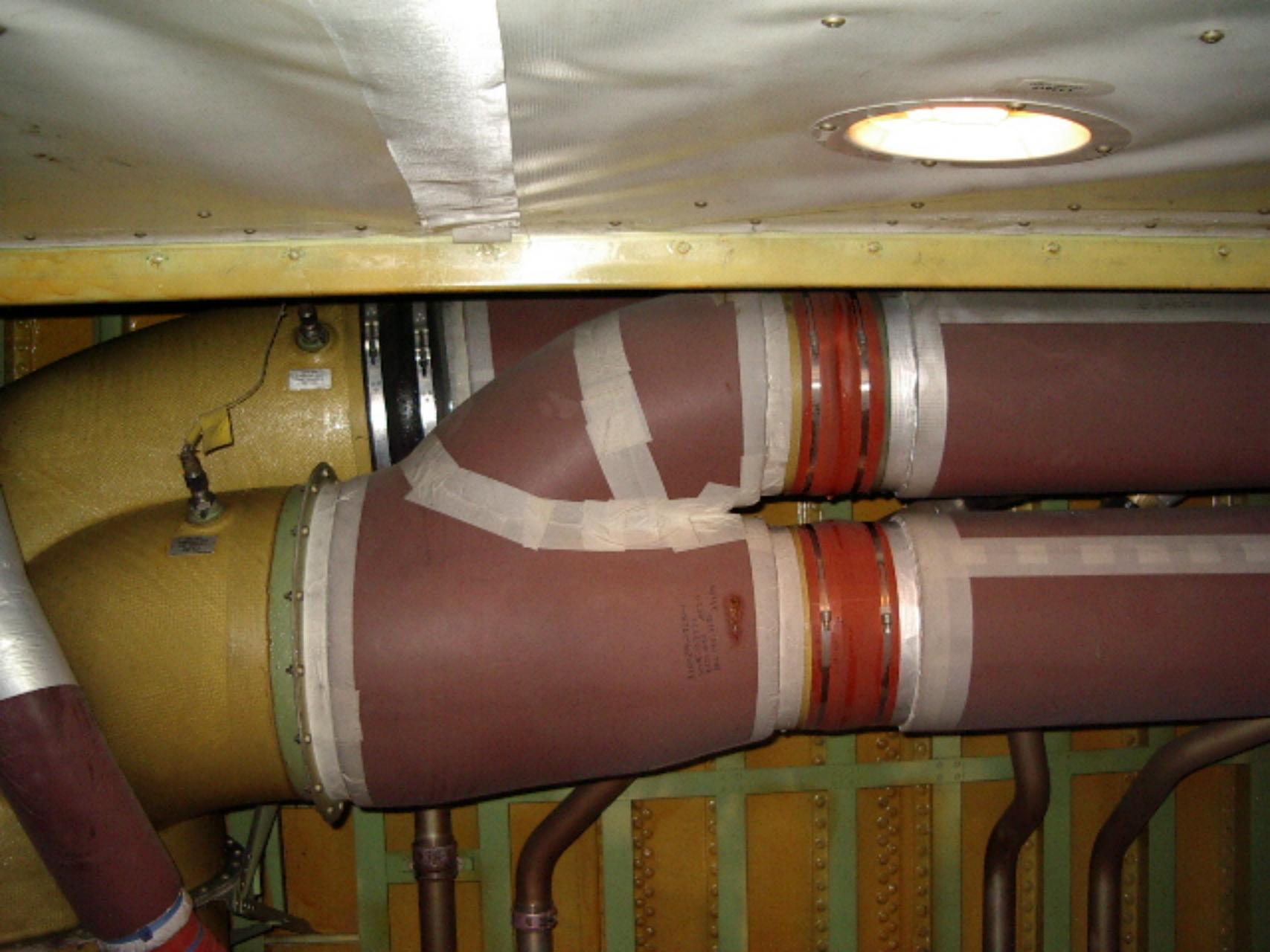


5W510-20  
C  
L/I 524101

T  
A.

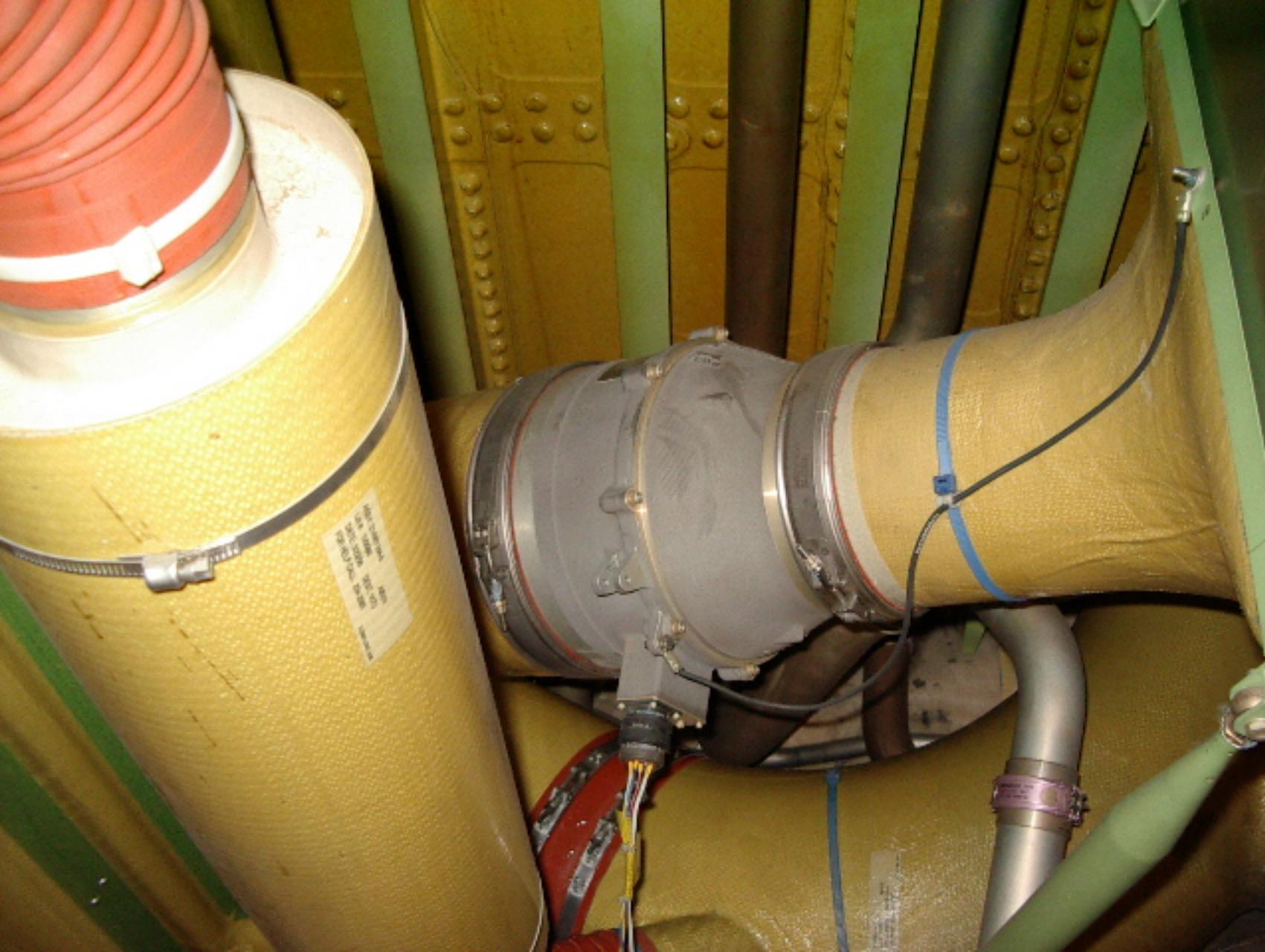
E





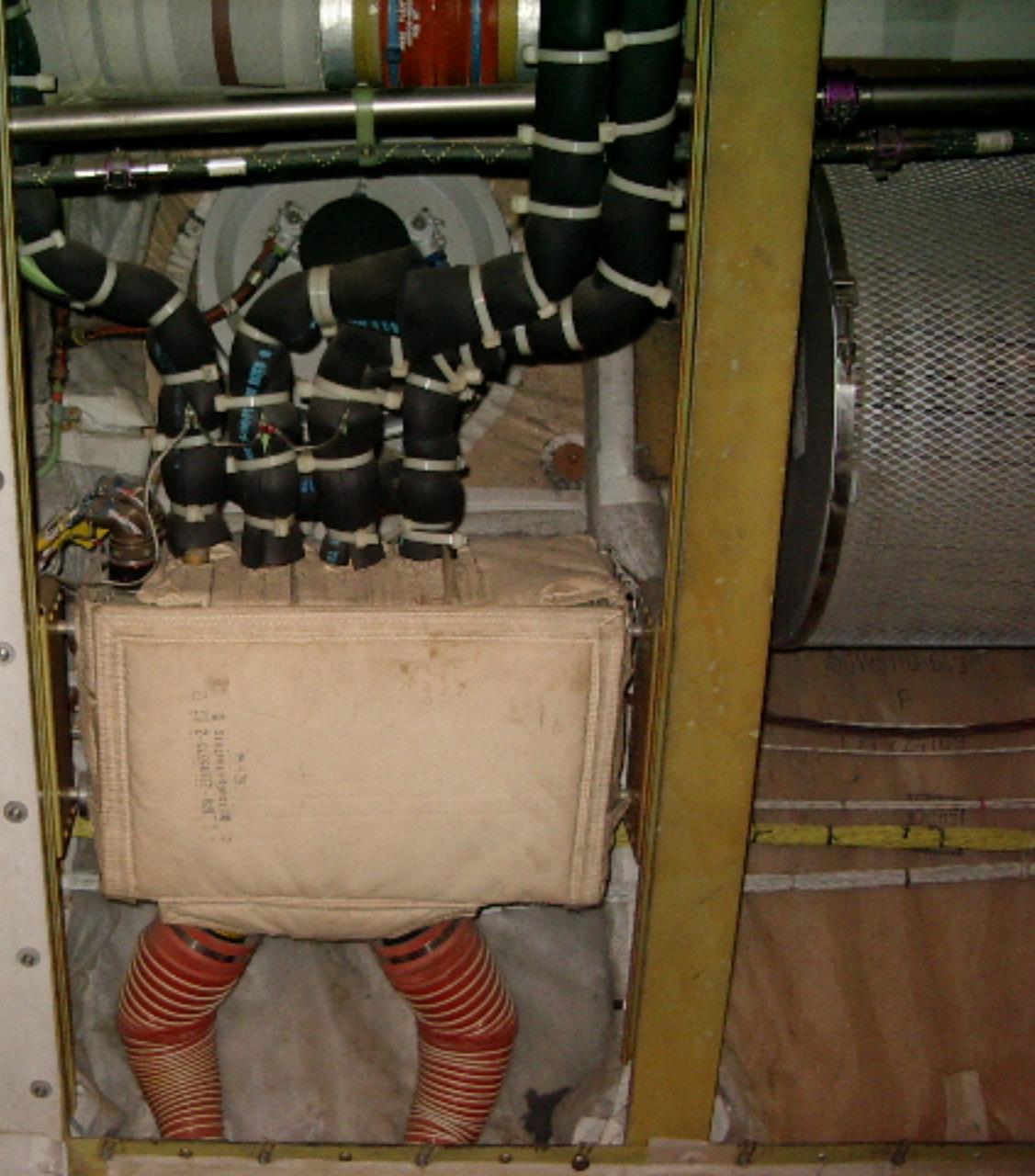
KONTAKT  
KONTAKT  
KONTAKT  
KONTAKT







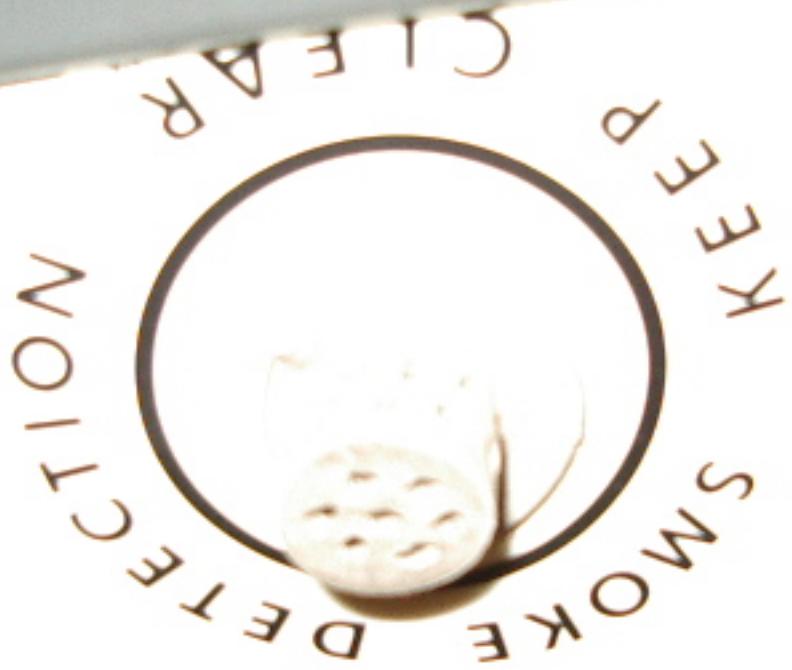
POSITIVE  
PRESSURE  
RELIEF VALVE





12  
L

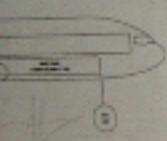








12

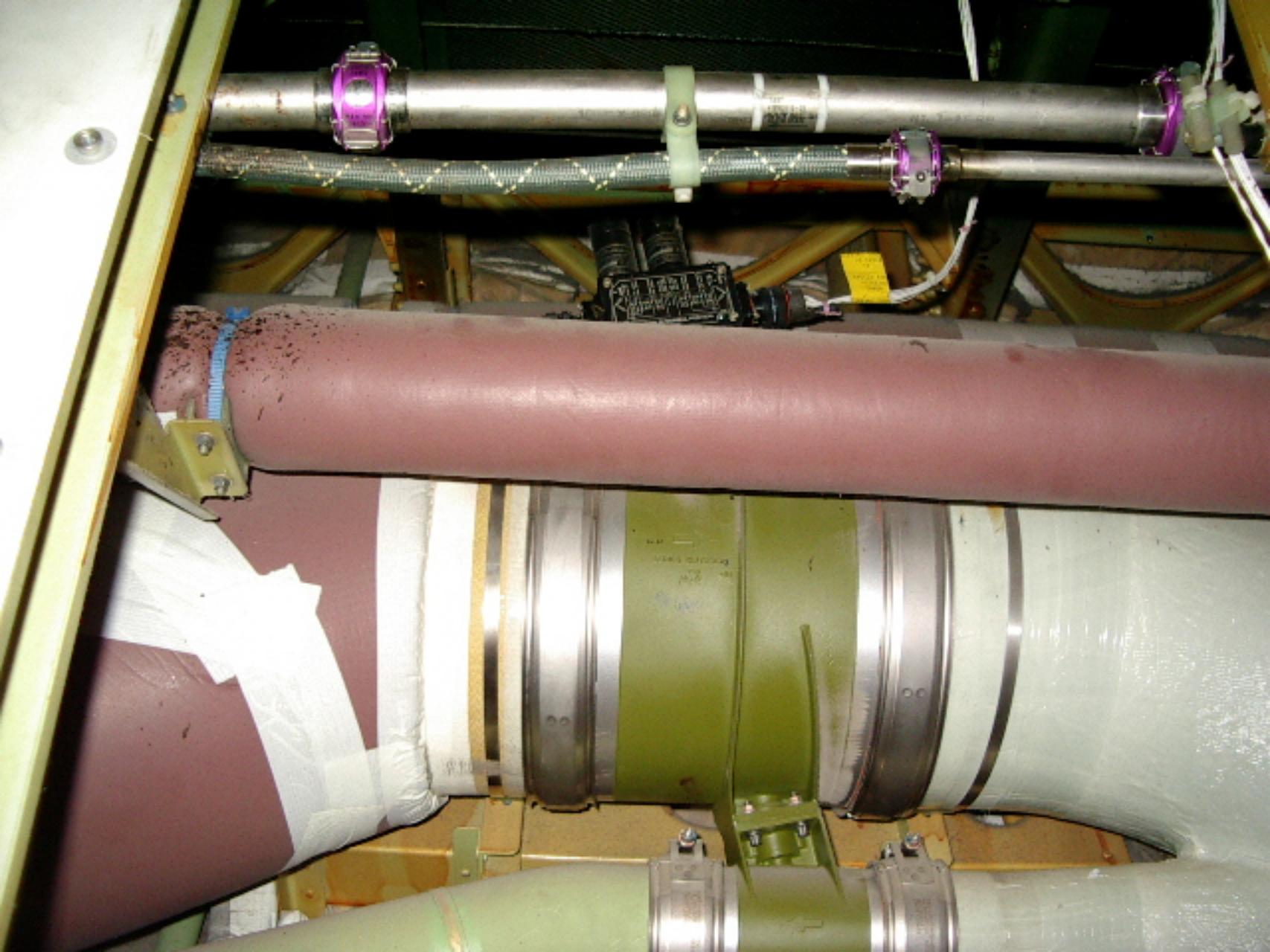


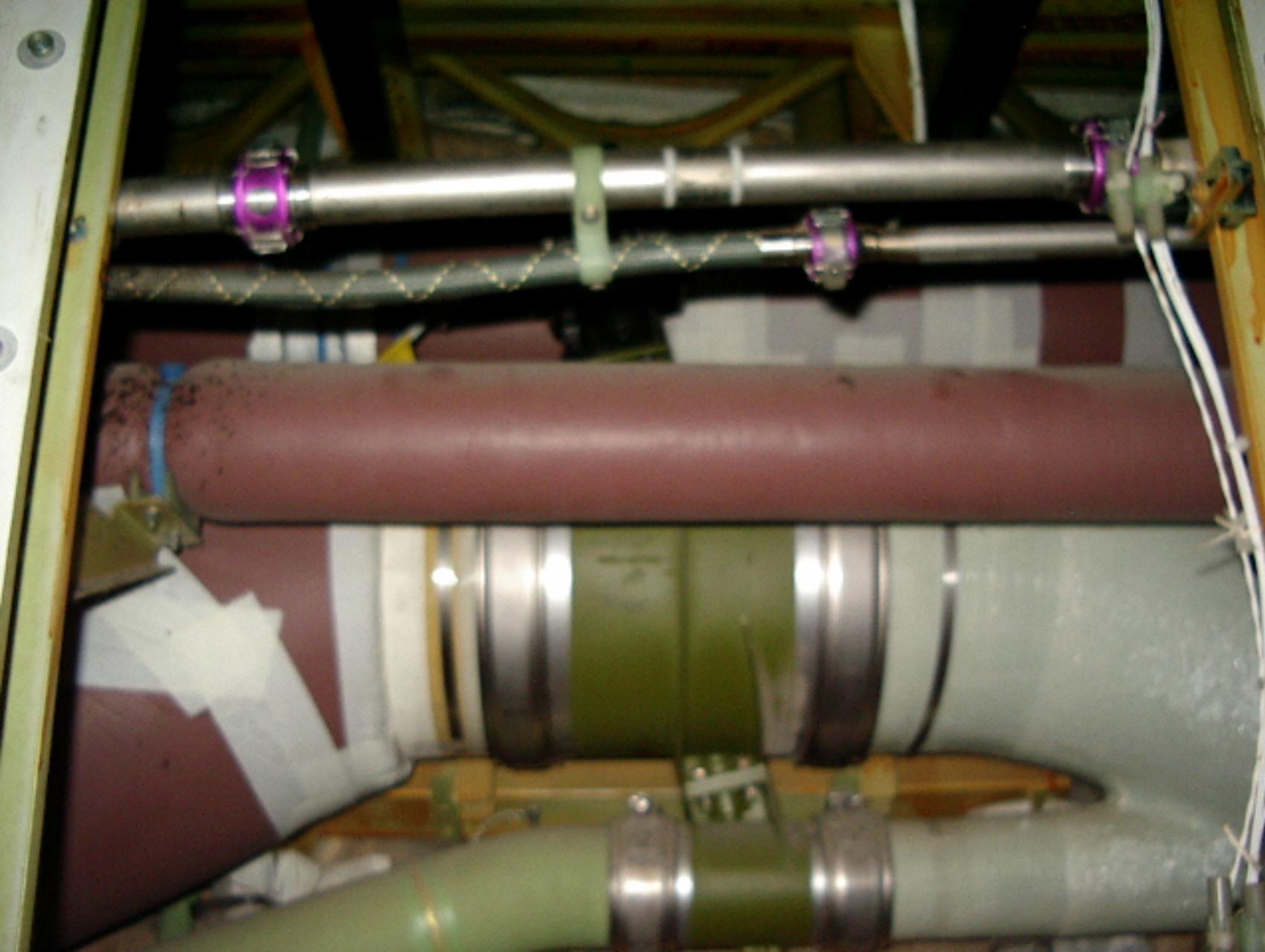


217W1301-9

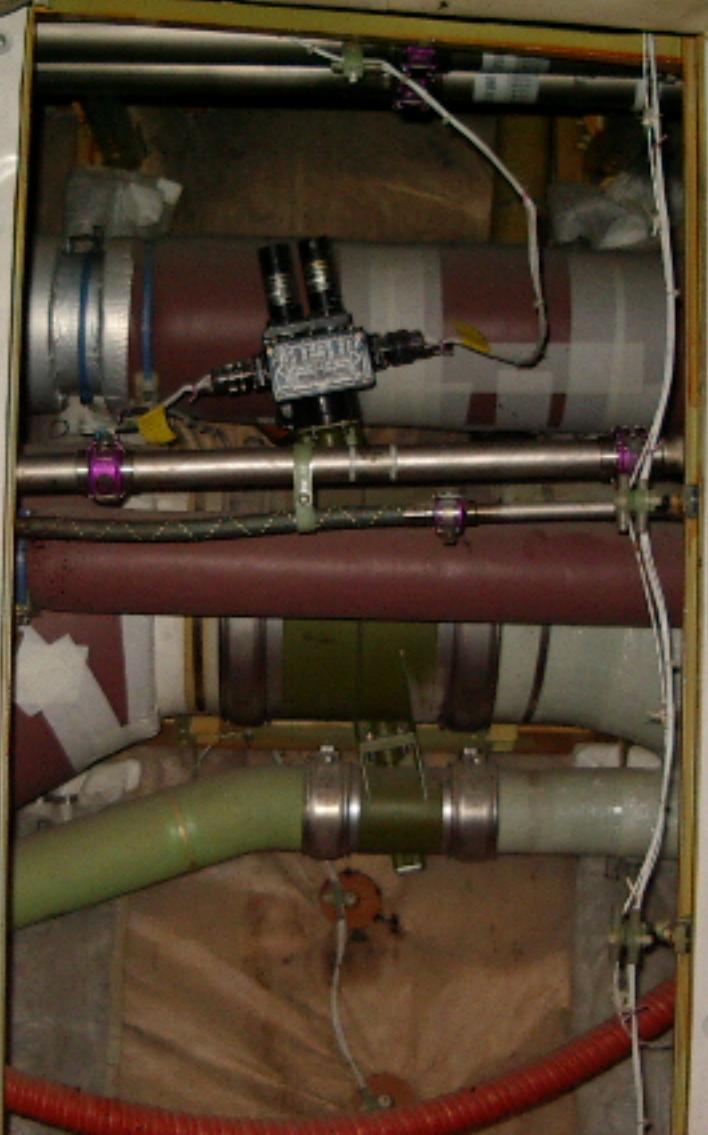






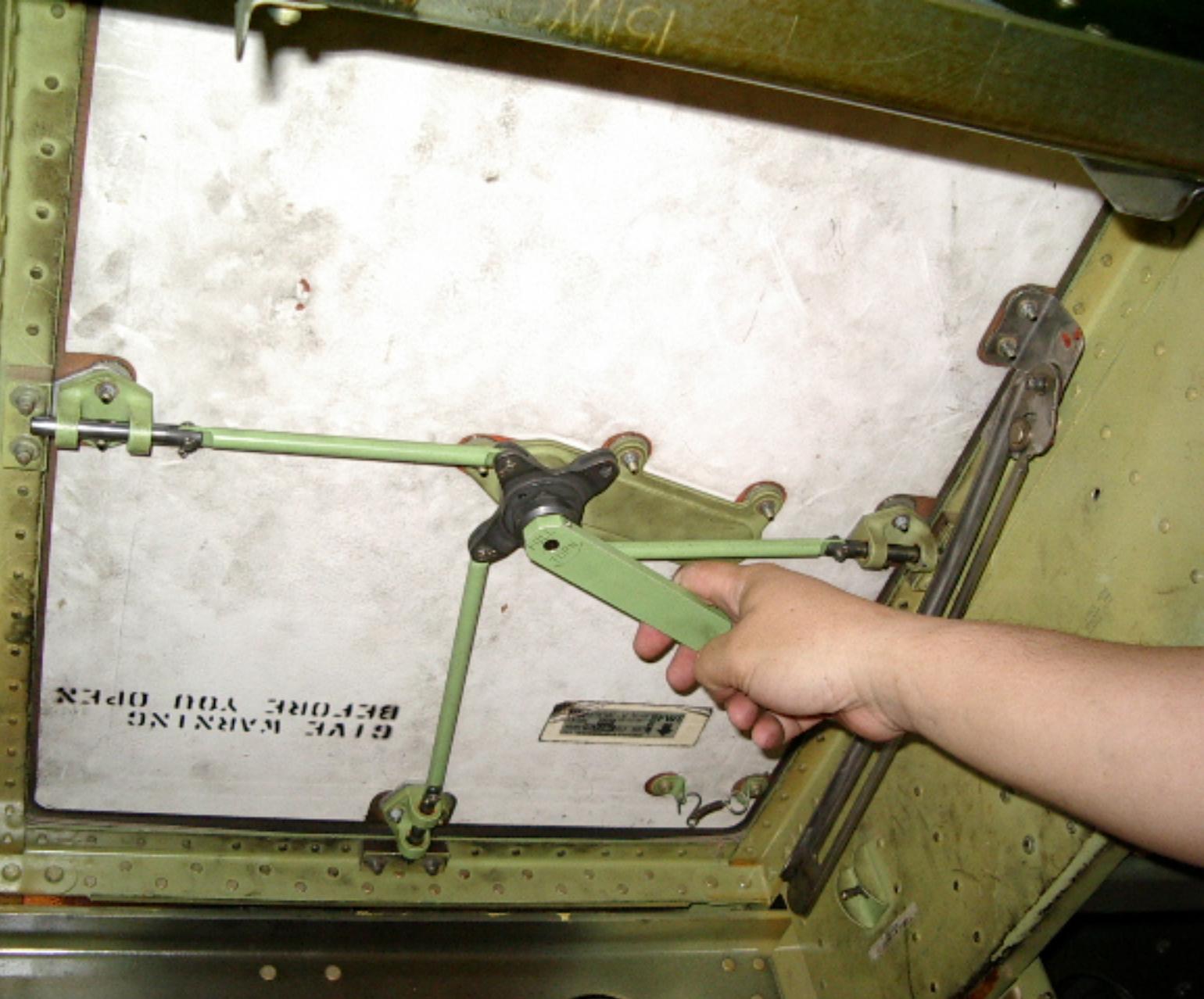


PAL



12

GIVE WARNING  
BEFORE YOU OPERATE





DO NOT WARM UP

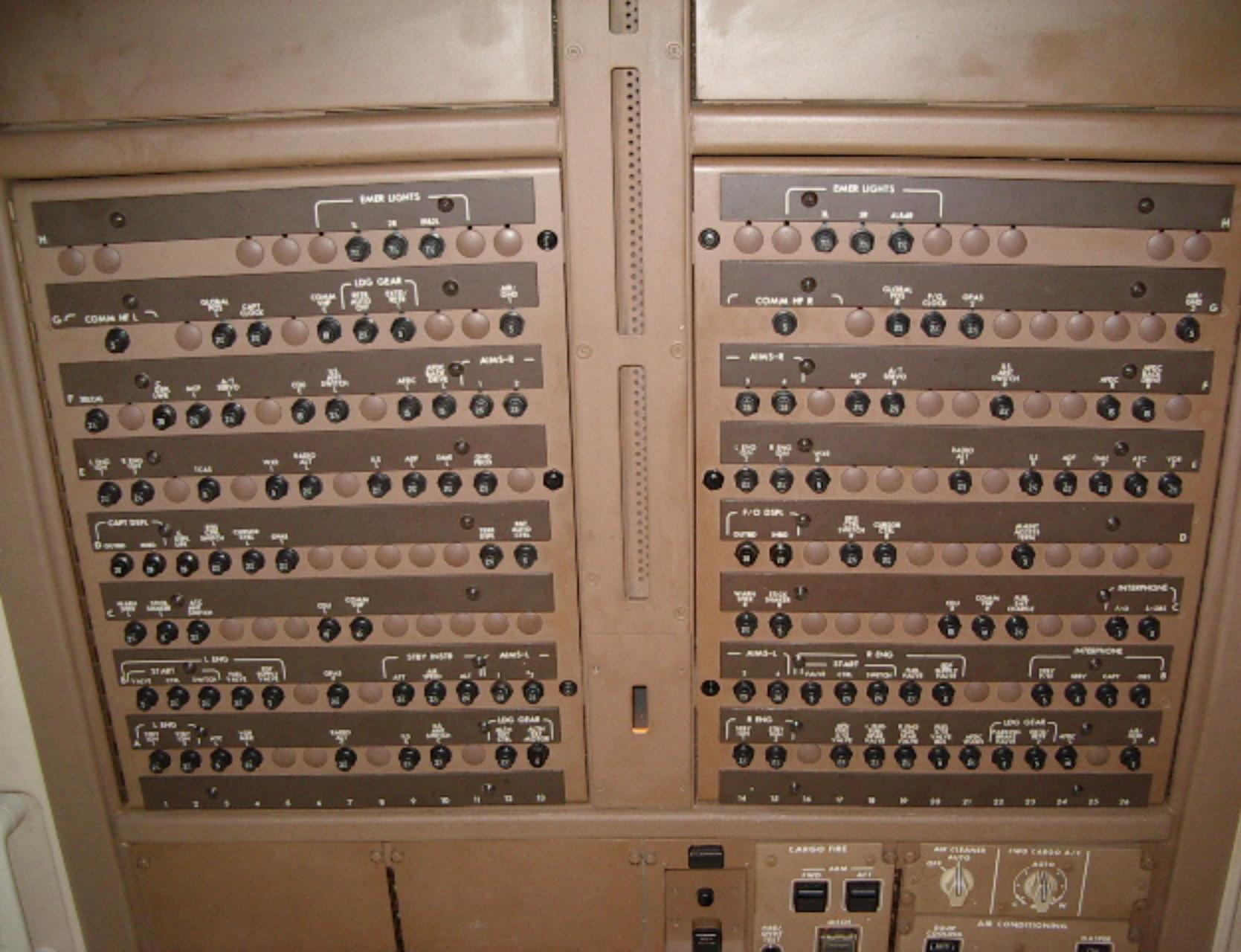
ROMIG













MEDICAL OUTLETS POWER  
12V DC L OFF R  
115V AC 60 Hz L OFF R

APU MANT.  
115V AC 60 Hz L OFF R  
GEN MANT.  
115V AC 60 Hz L OFF R

CARGO TEMP SELECT  
AFT OFF HIGH  
FRONT OFF HIGH

TUNING POWER  
OFF HIGH  
HIGH

QUIET FREE RECORDER AMPLIFIER POWER  
OFF TEST STATUS MICROPHONE

EMER LIGHTS

EMER LIGHTS



1004/IN

80

PILOT

70

PRESS

70

0.80

<FC  
<SAT-L  
<SAT-R

1  
2  
3  
4  
5  
6  
7  
8  
9  
0  
DELE





BOEING 777

HZ-AKI

PS-BR

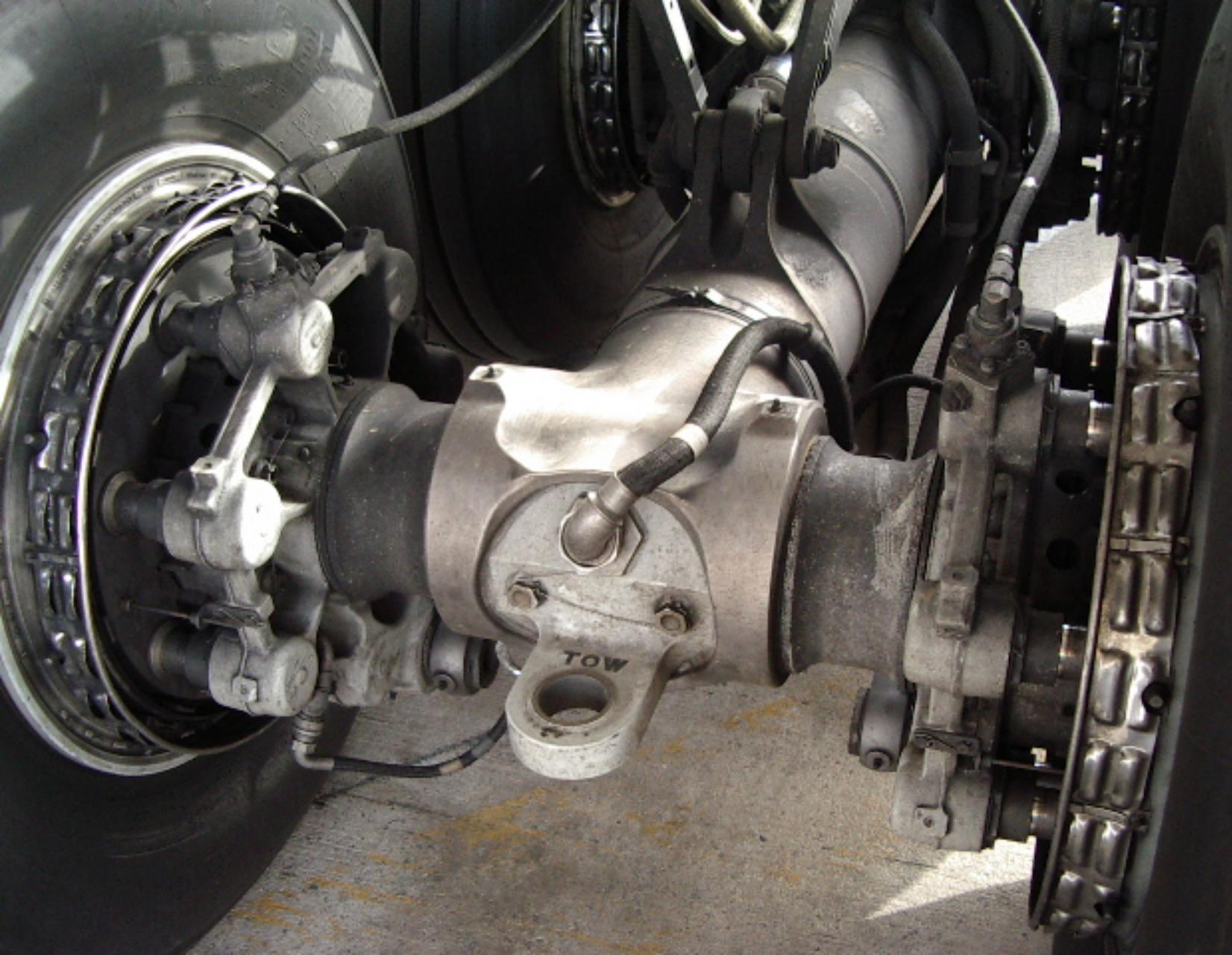
HZ-AKI  
PS-BR

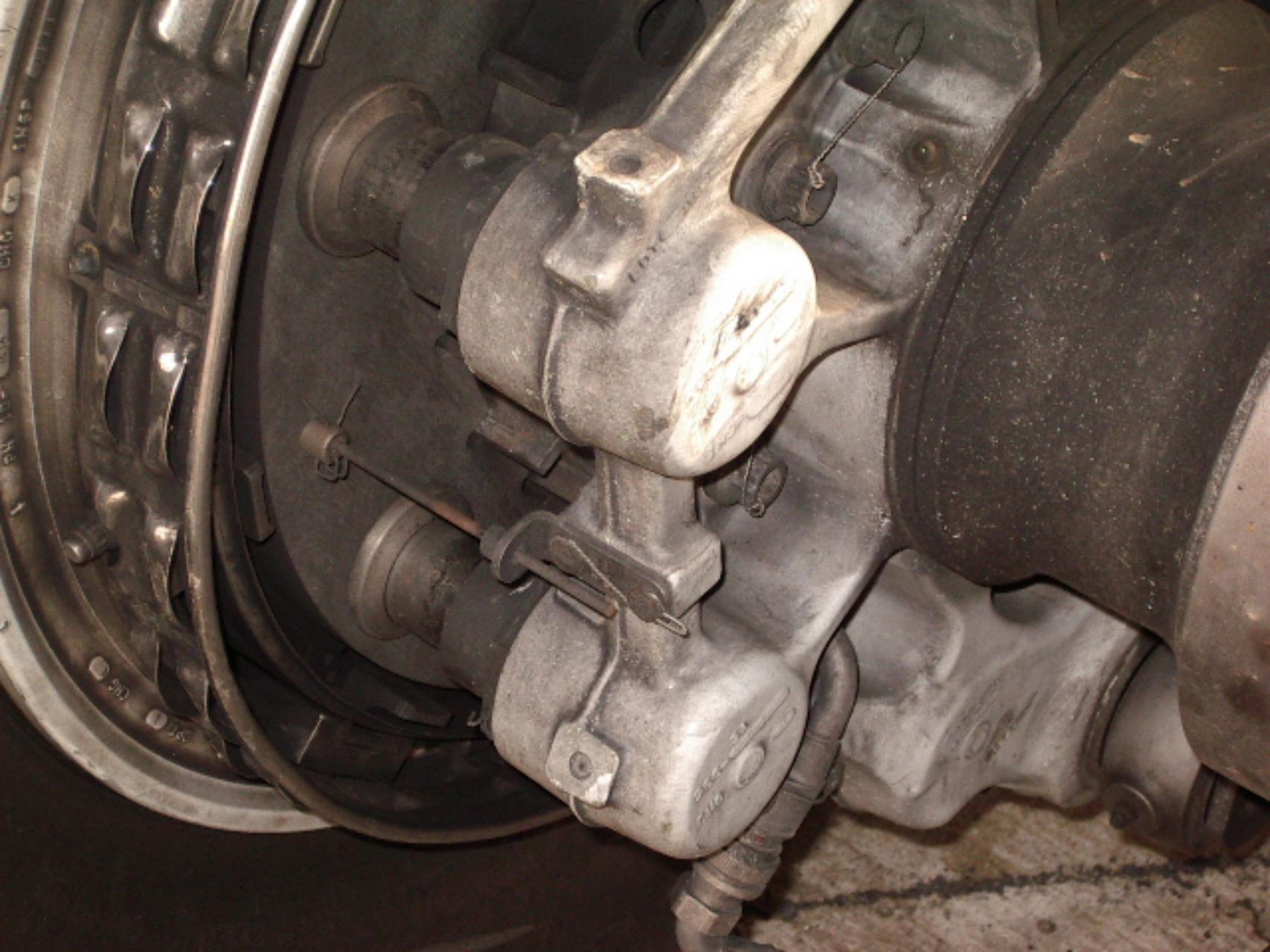
DEPARTURE  
0.37 1.00 0.70  
DESTINATION  
0.88 78 78  
TCAS  
REPORT  
CRZ PRESS 3000

TO  
PROG  
LVR  
REPORT  
CRZ PRESS 3000

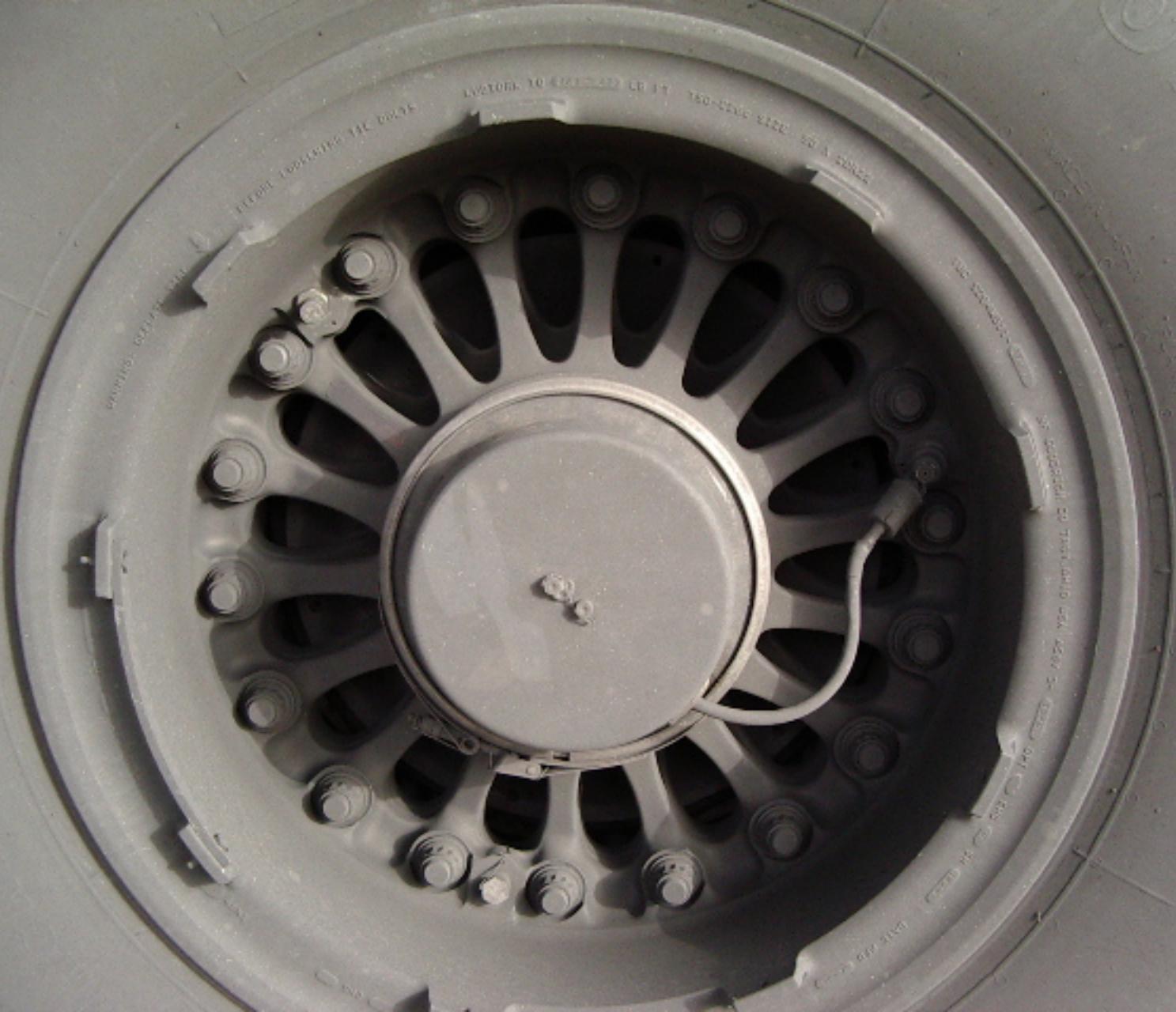
CUTOFF













*MOUNTING: DETACH TIRE*

*BEFORE LOOSING TIRE*



SUMP DRAIN  
ACCESS  
CENTER TANK



SUMP DRAIN  
OUTLET  
CENTER TANK



ED  
ED  
ED  
ED



SUMP DRAIN  
MAIN TANK

SUMP DRAIN  
SURGE TANK

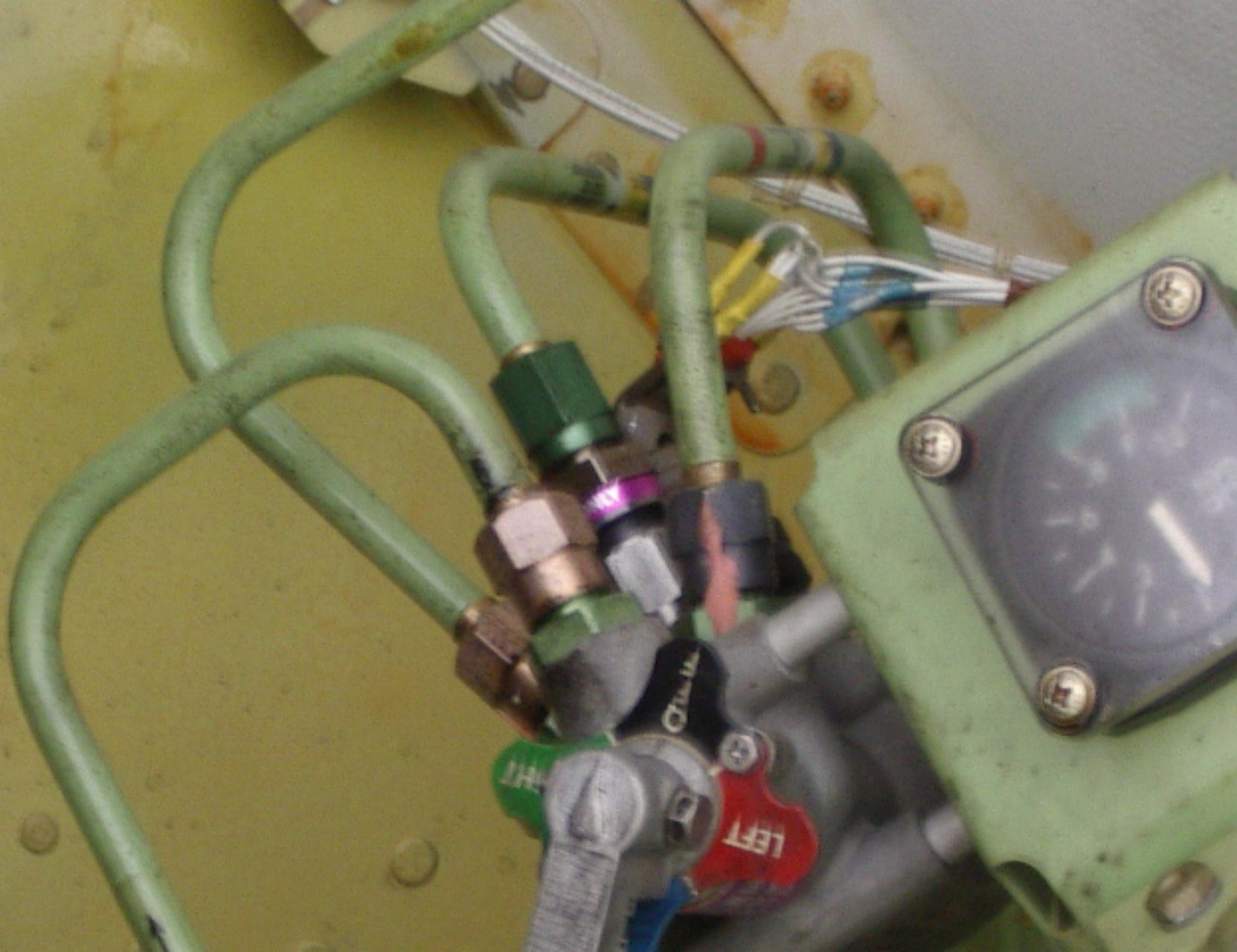


A-AKAI



Point 500



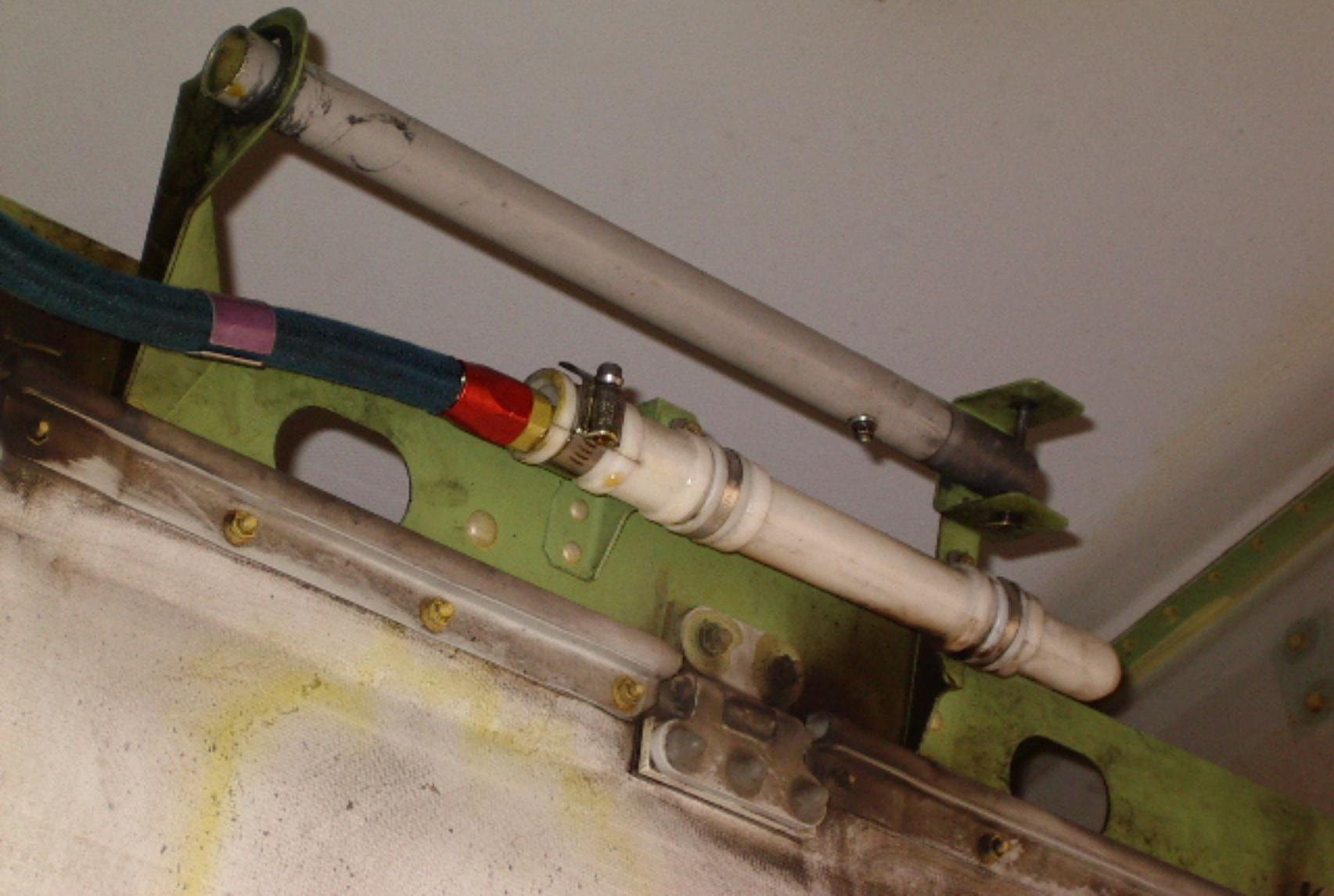




PUSH TO RELEASE







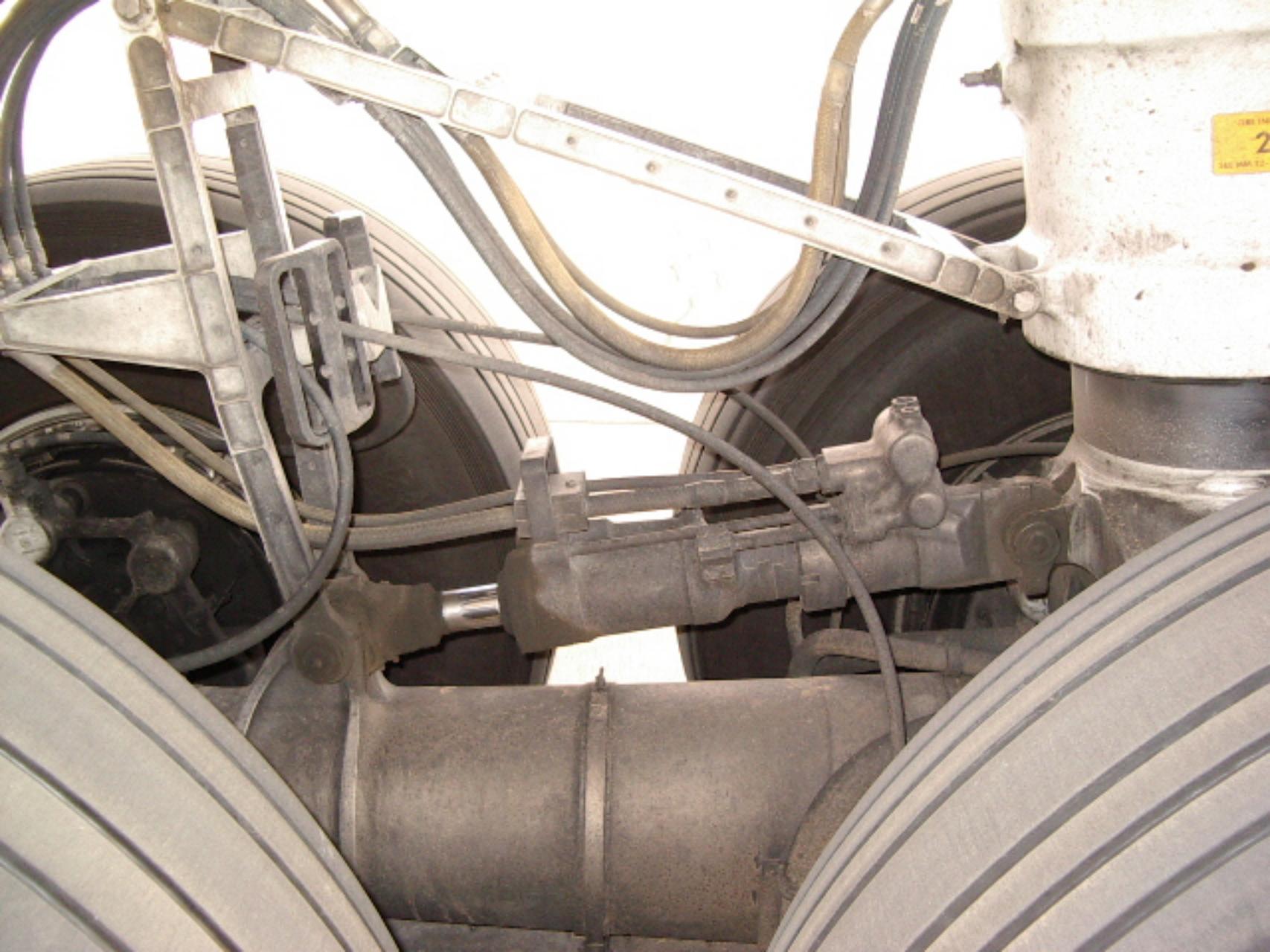




NO  
STEP





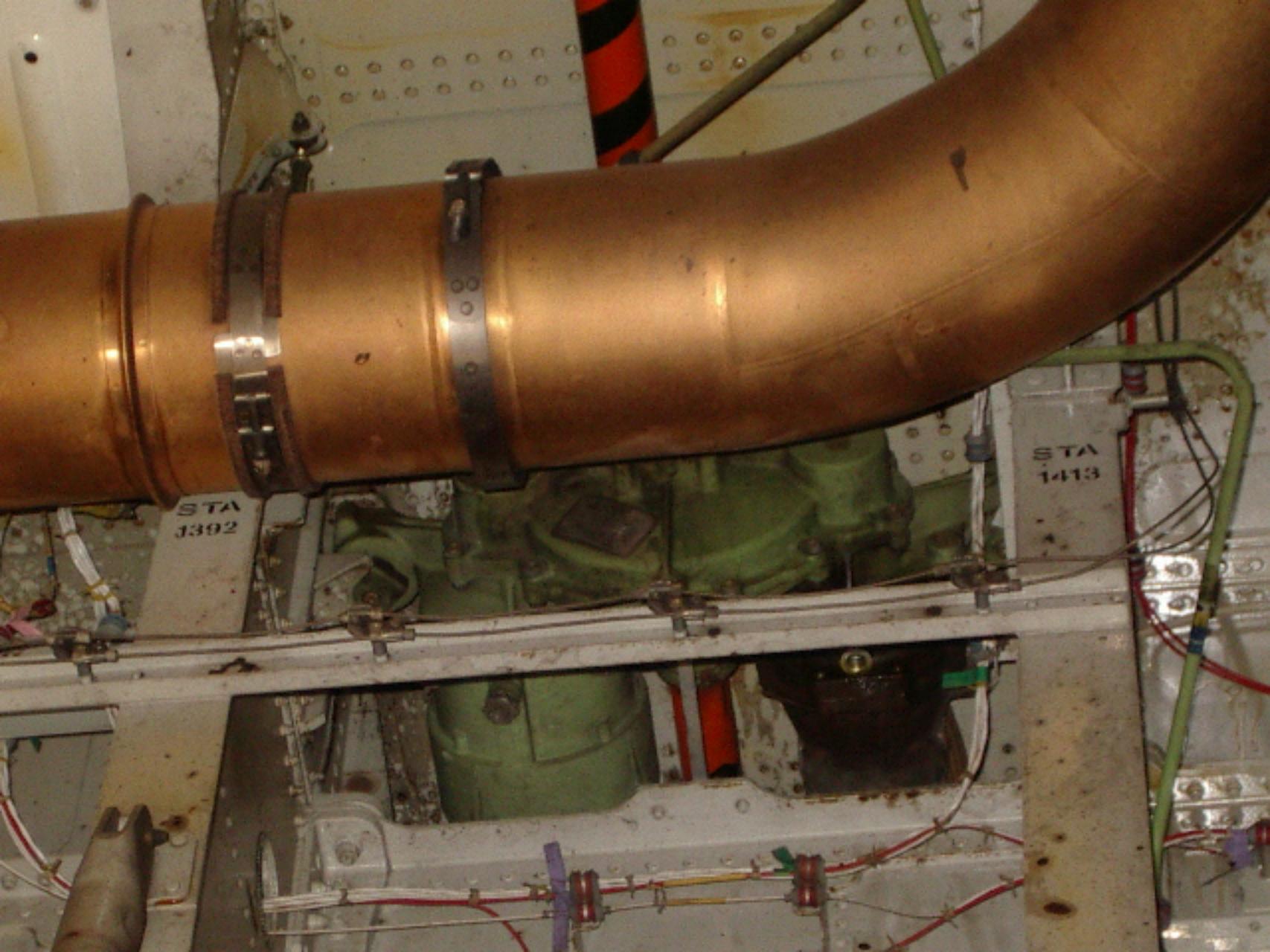




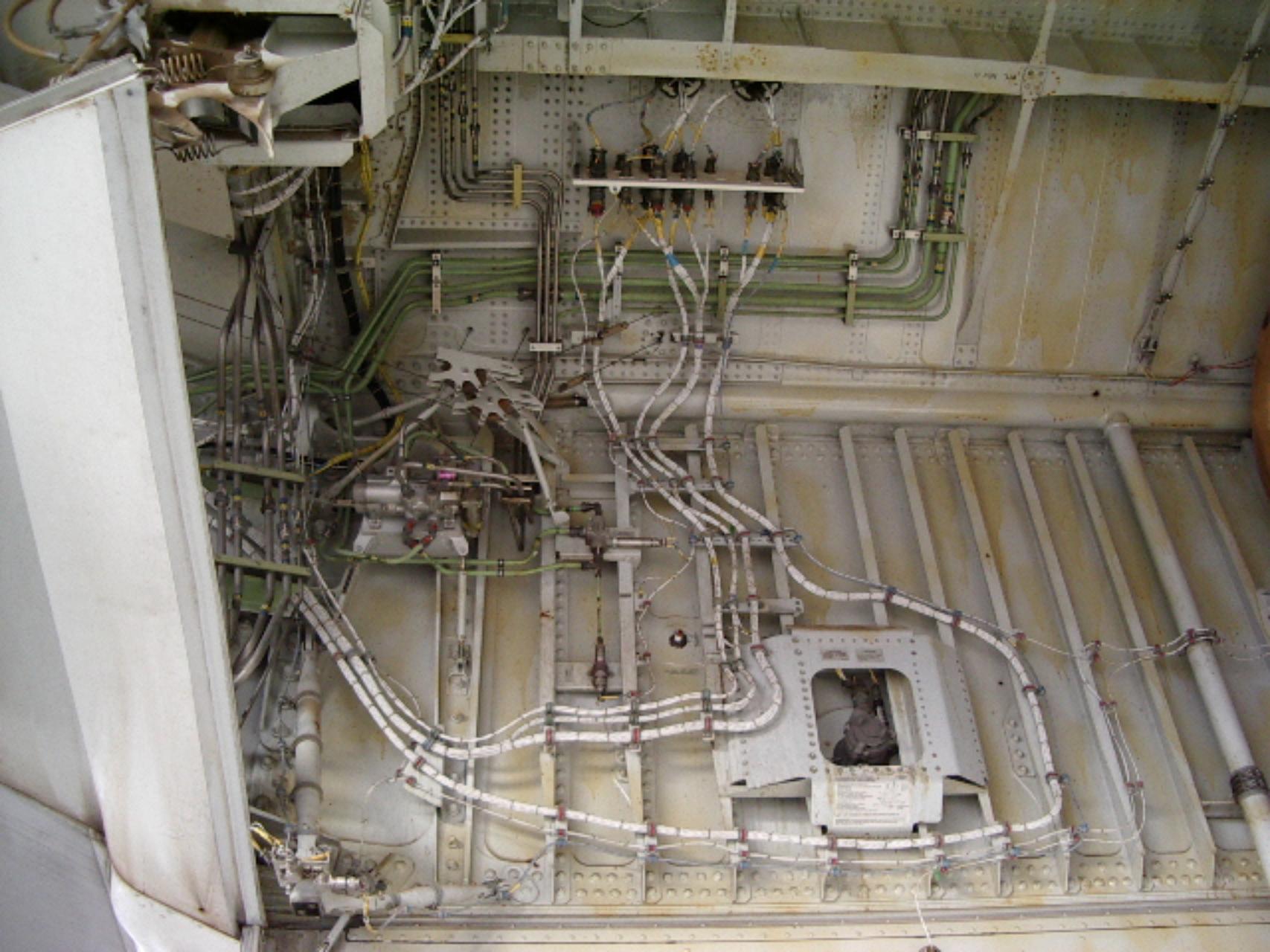






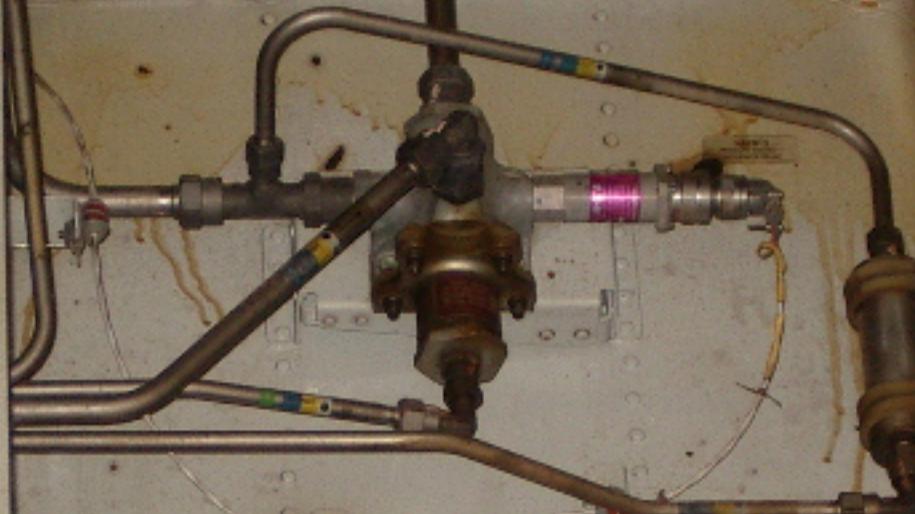






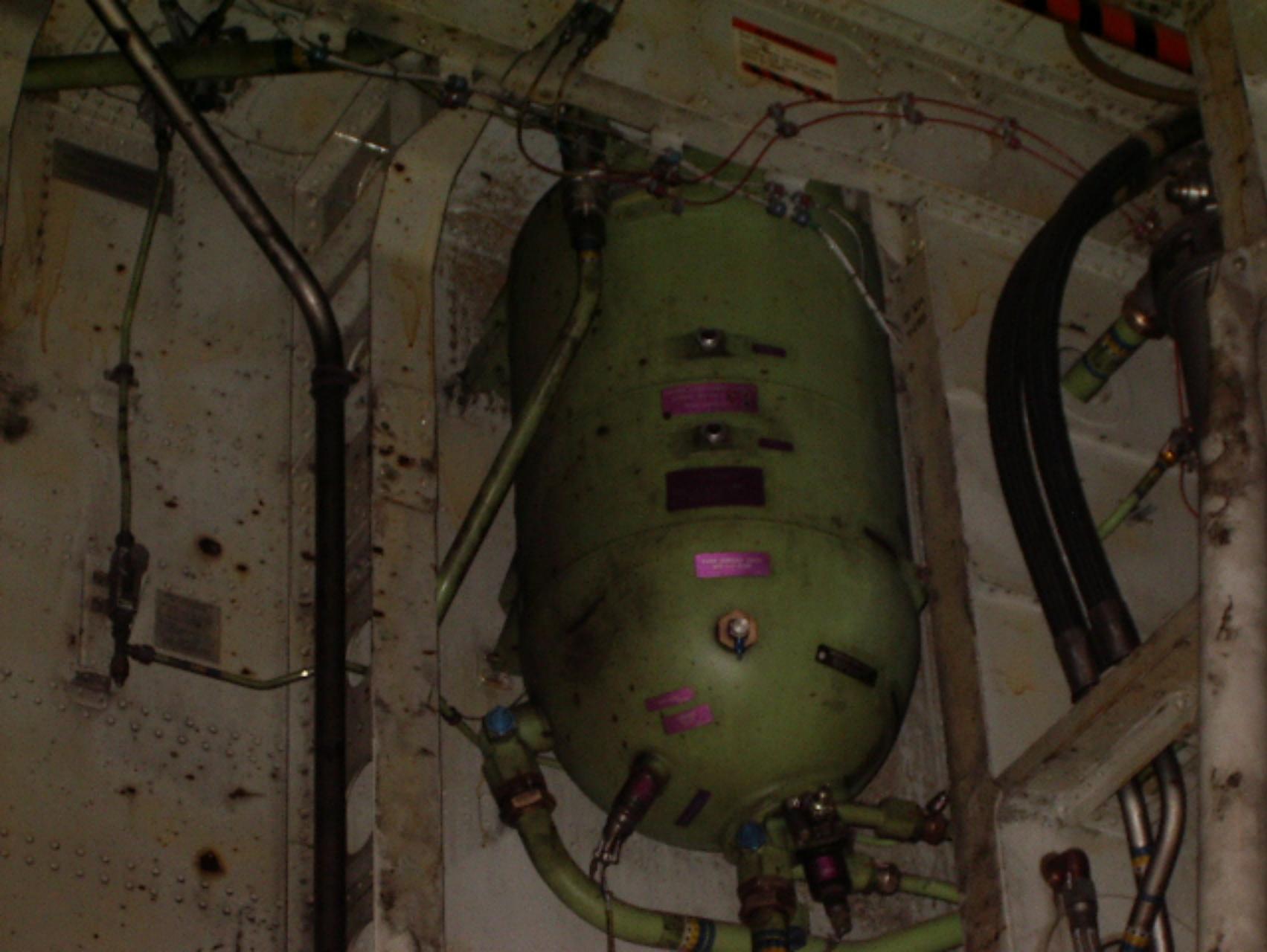




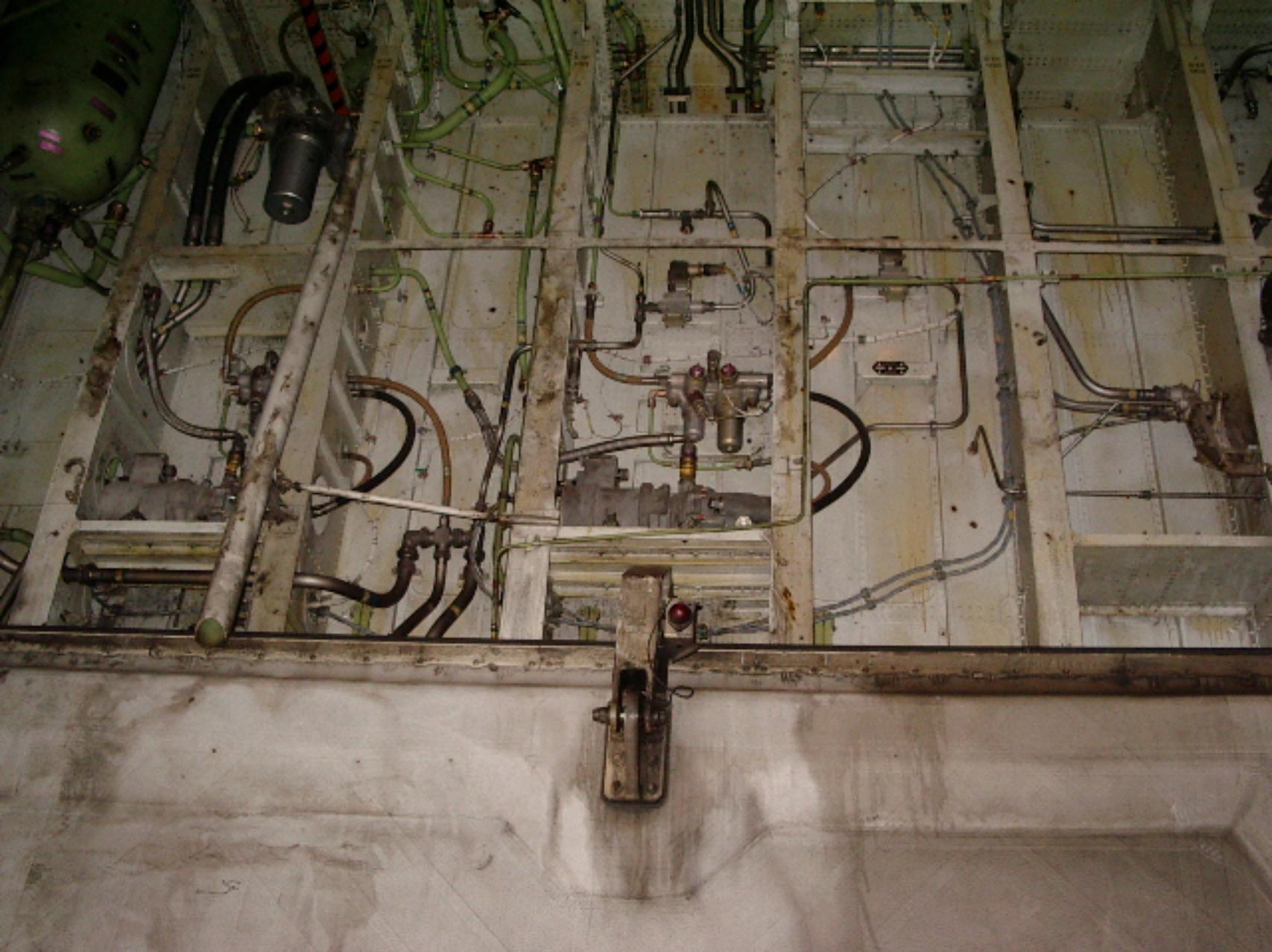




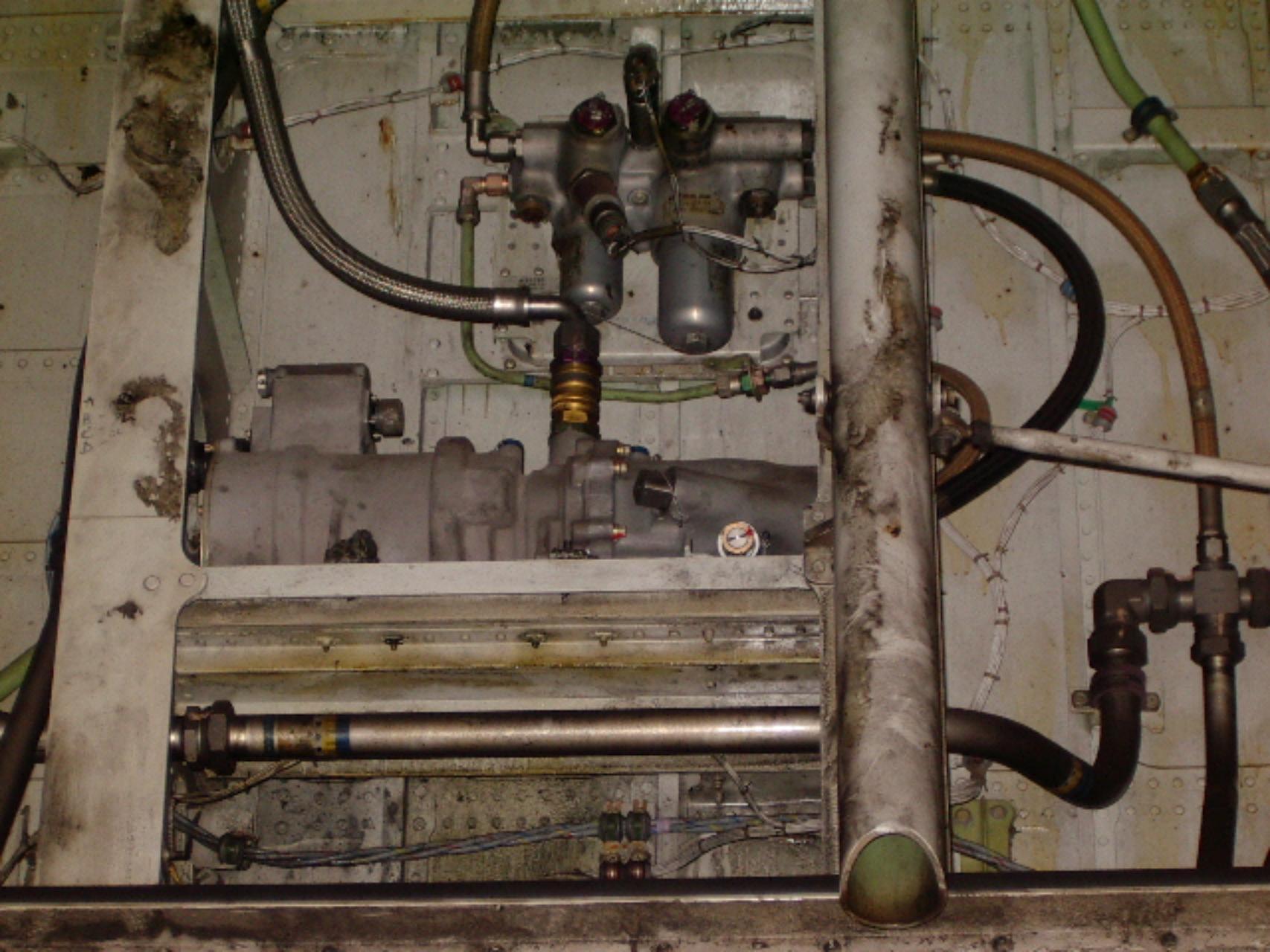
















INTERIM BOTTOM PUMP  
CENTER FLOW-OUT UNIT  
MANUFACTURED BY  
THE LARSON CO. INC.  
11000 N.W. 22ND AVENUE  
MIAMI, FLORIDA 33170  
TELEPHONE 305/667-1229

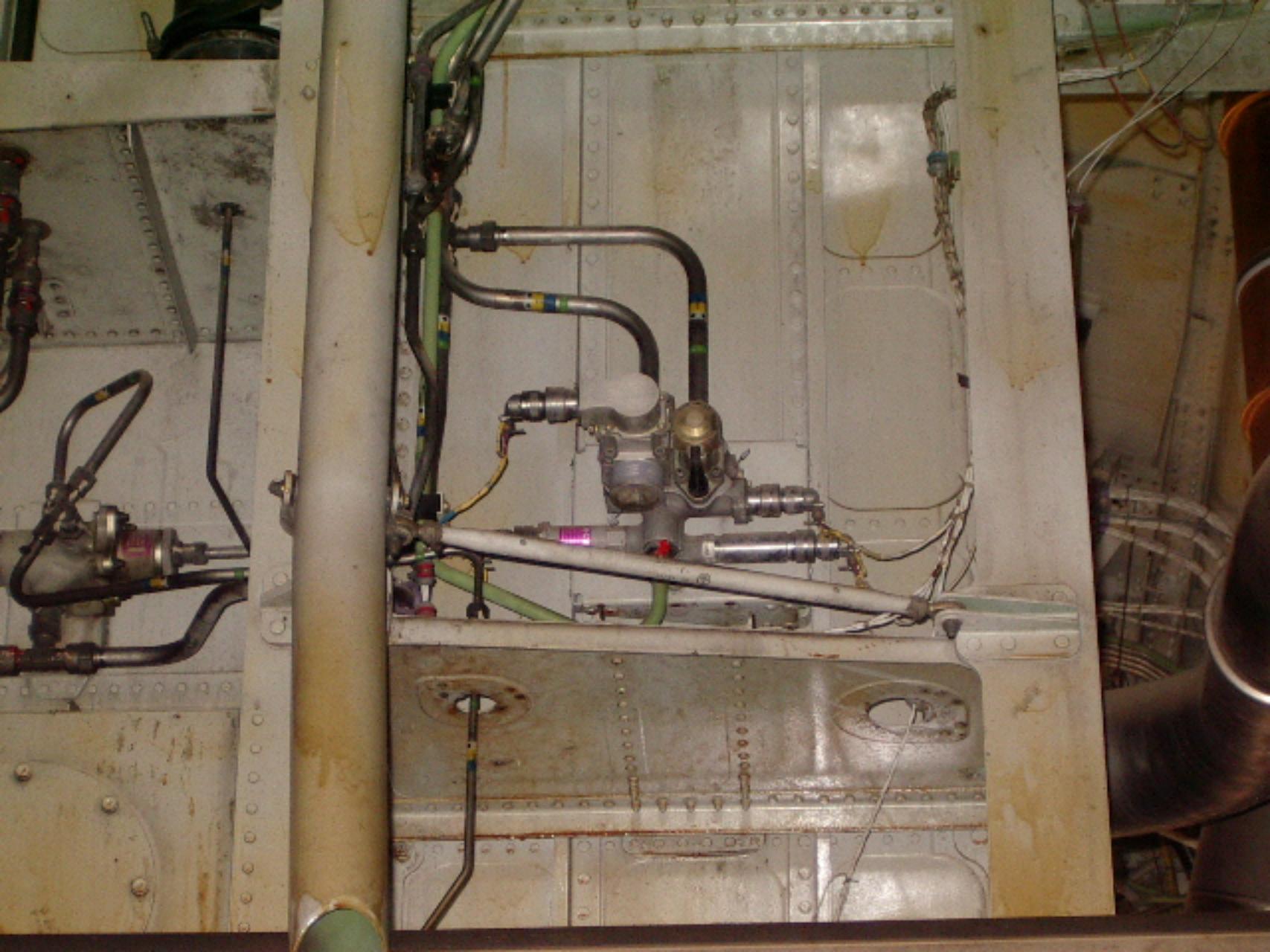


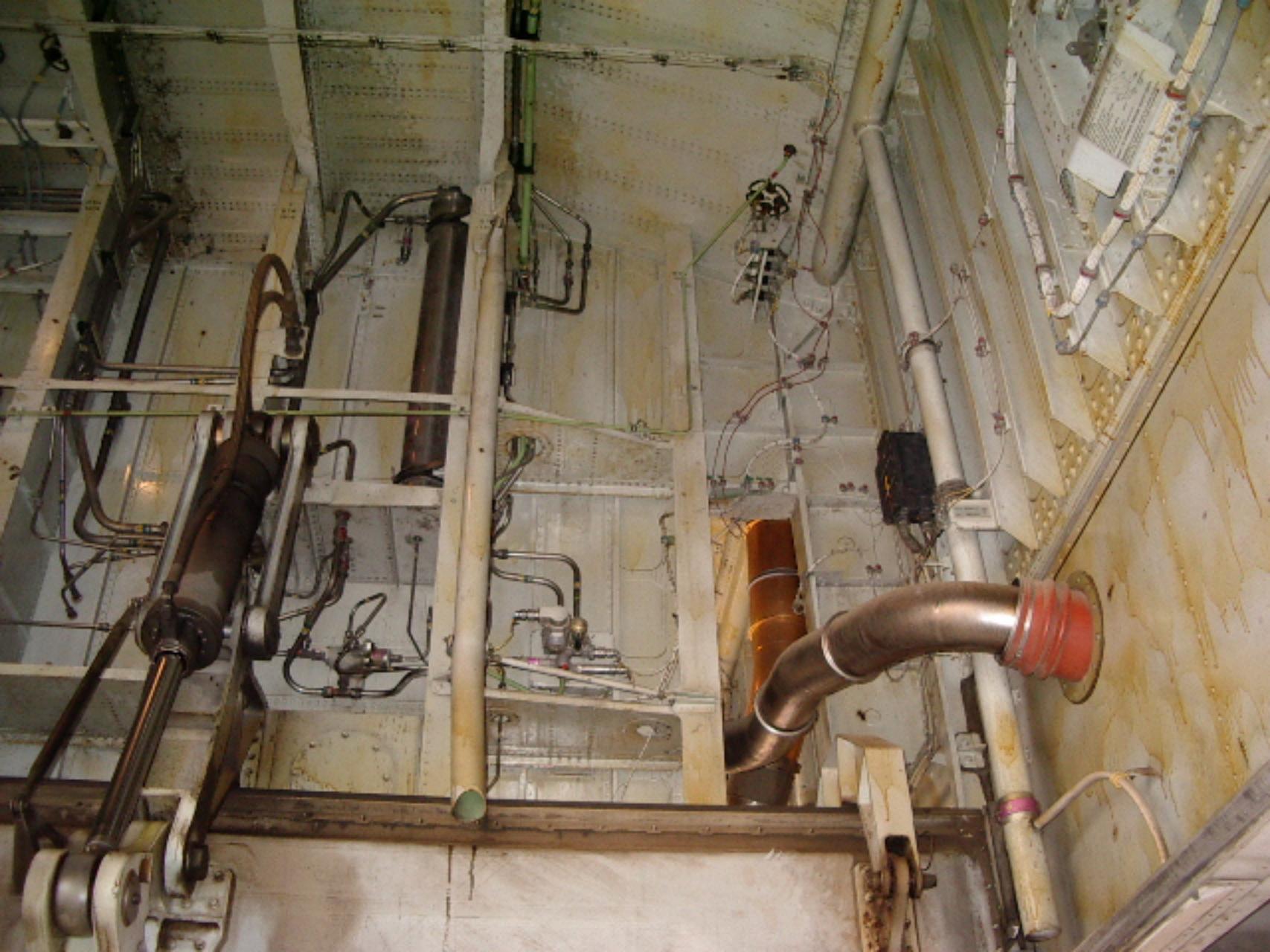
CAREER

INTERIM BOTTOM  
PUMP CENTER FLOW-OUT

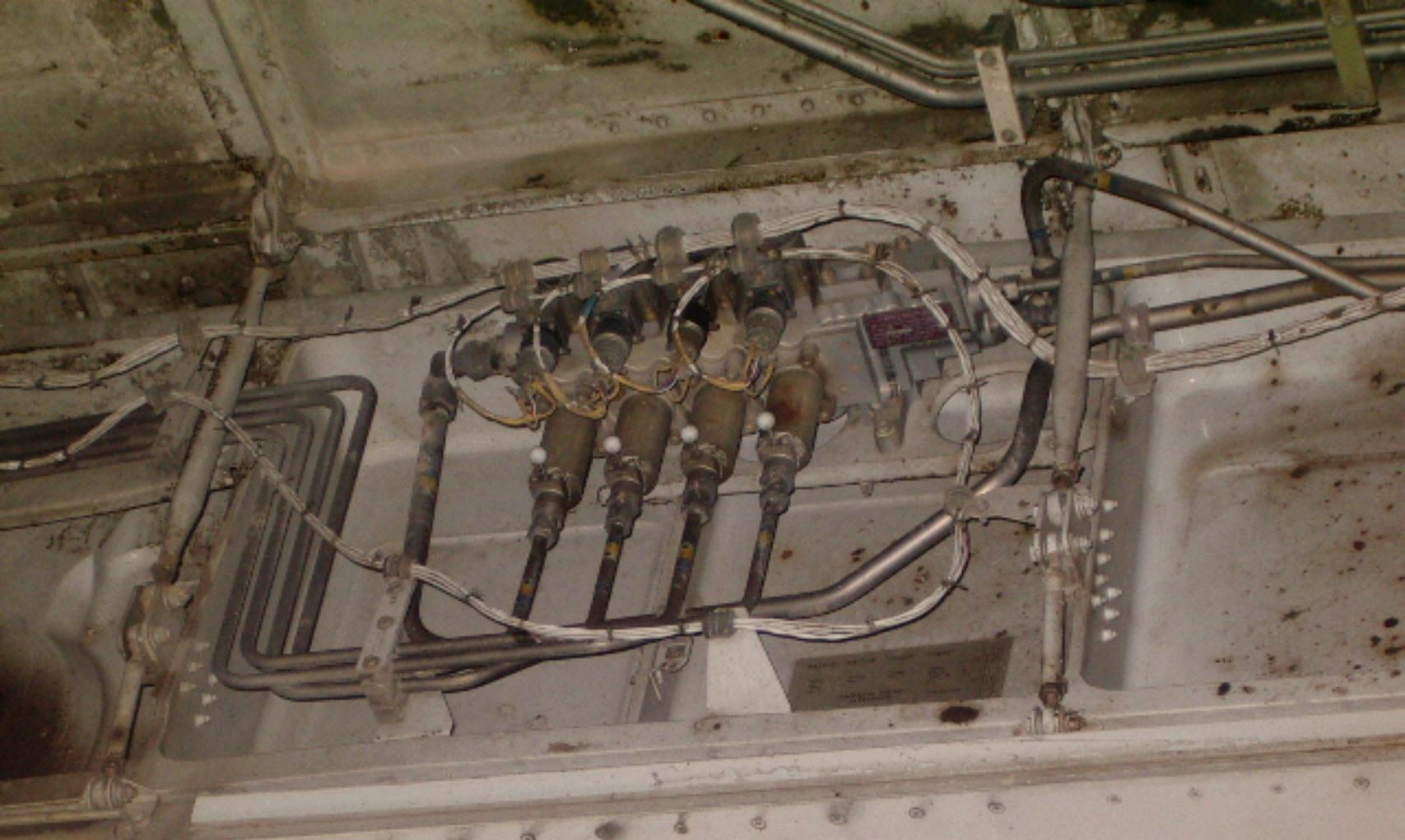


NO  
STEP









651F-B

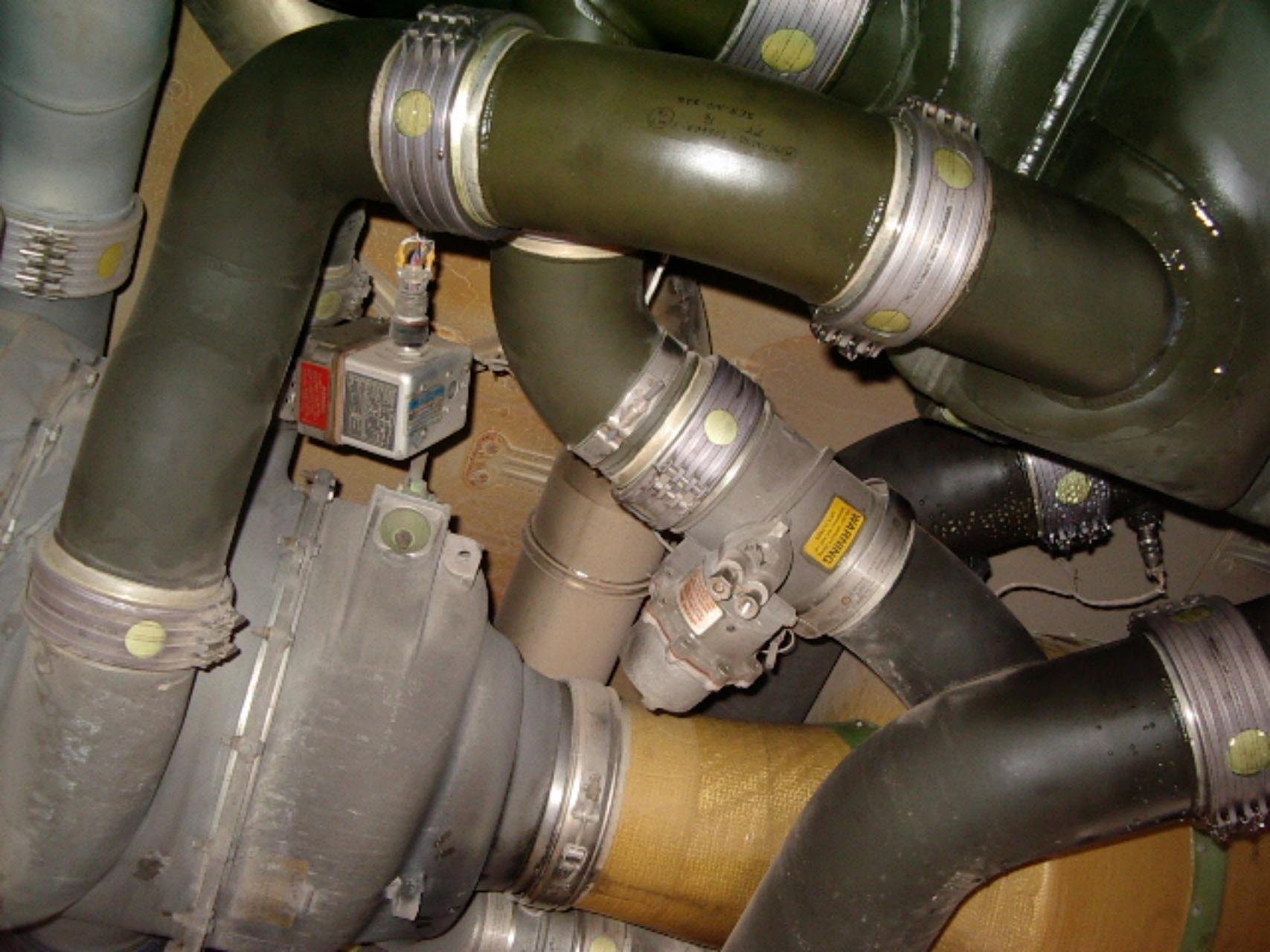


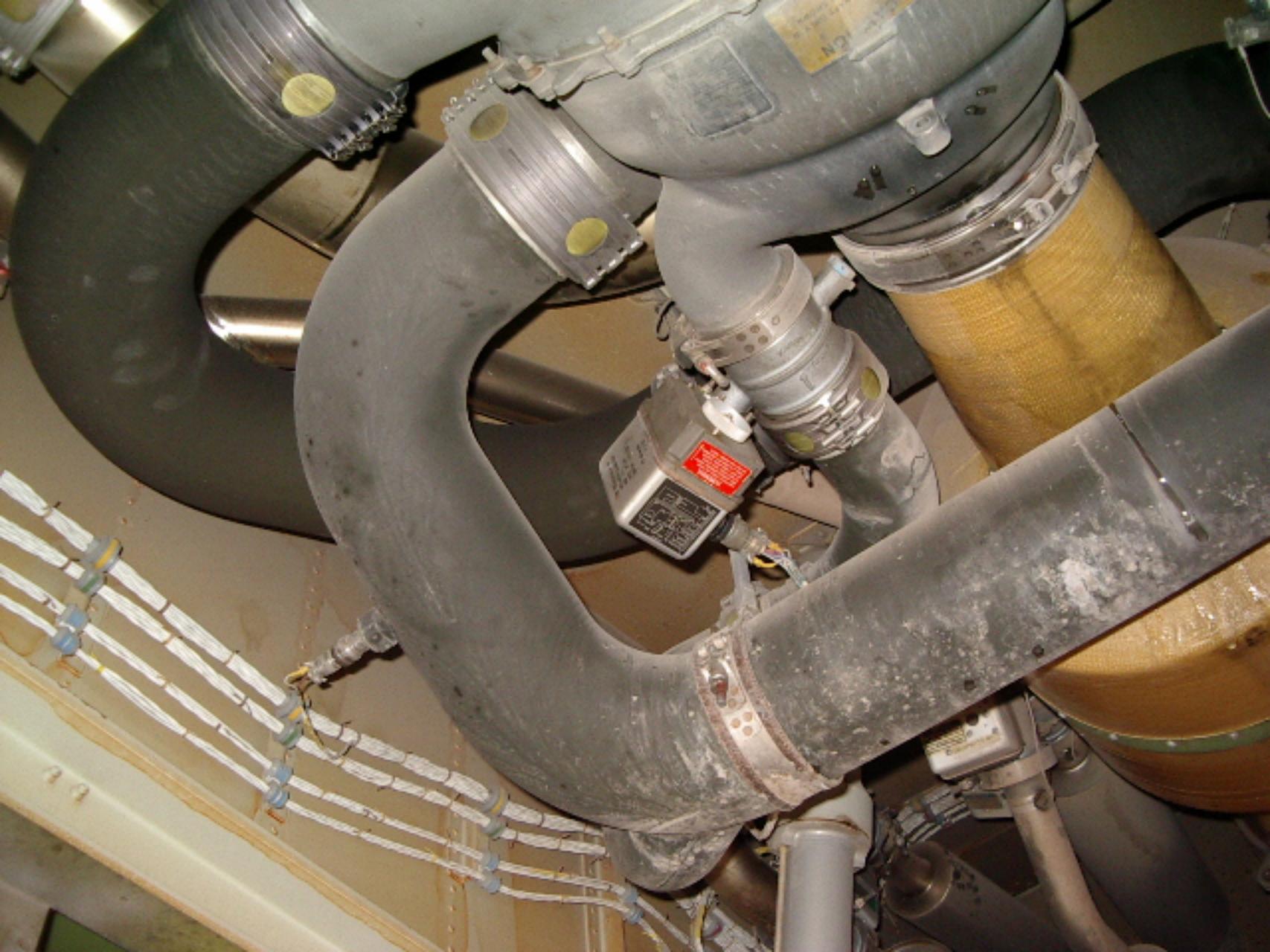






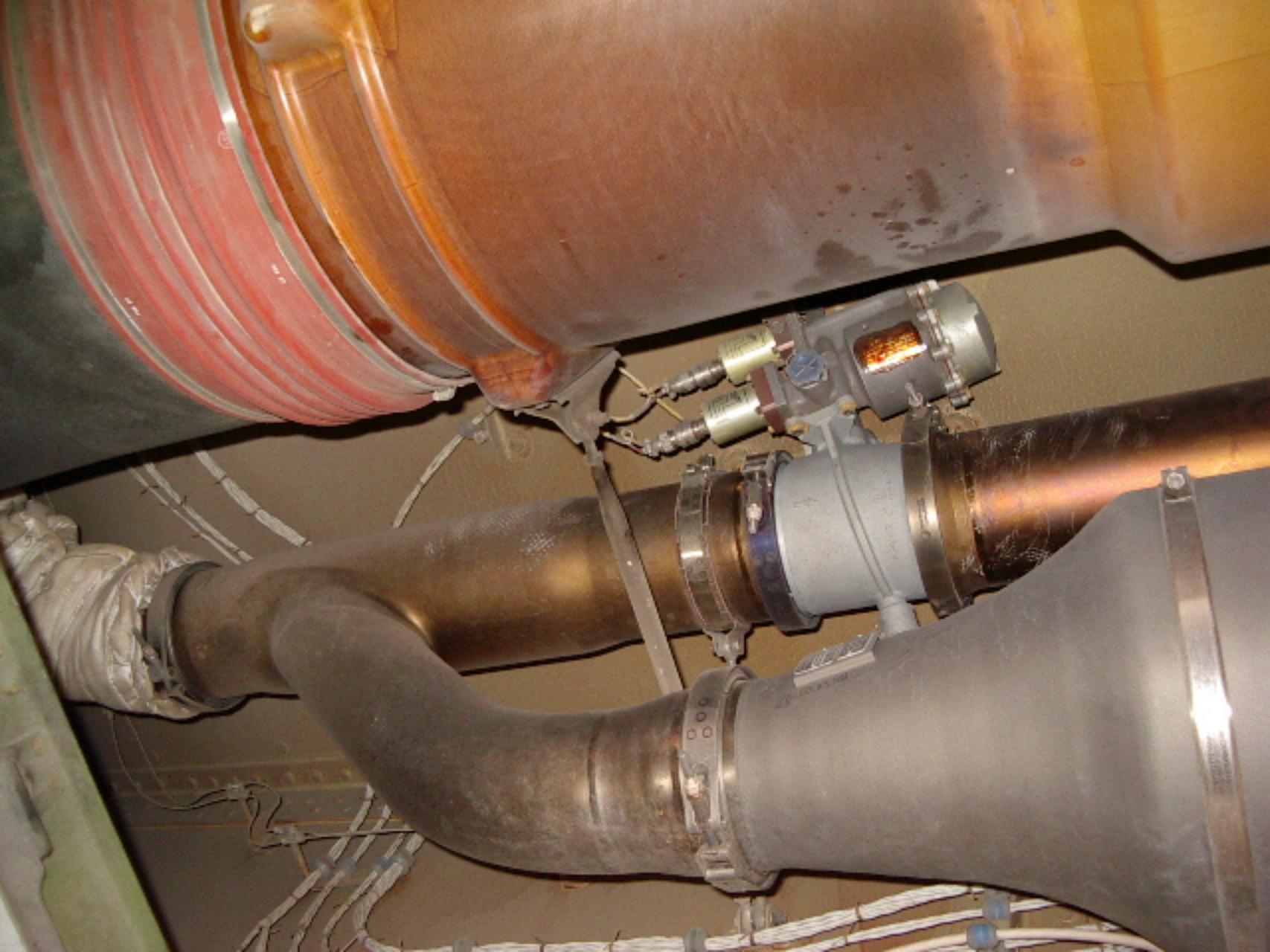






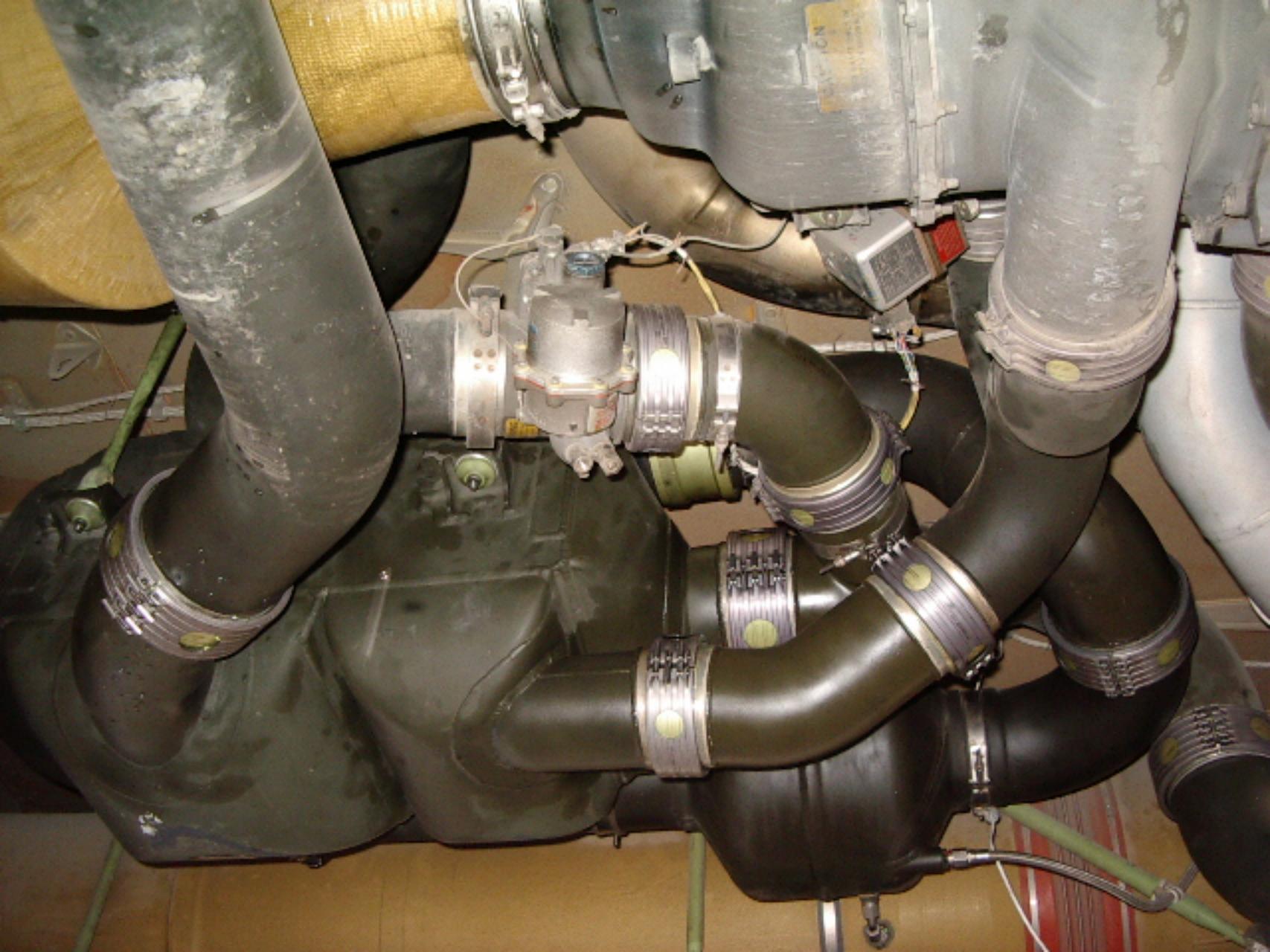












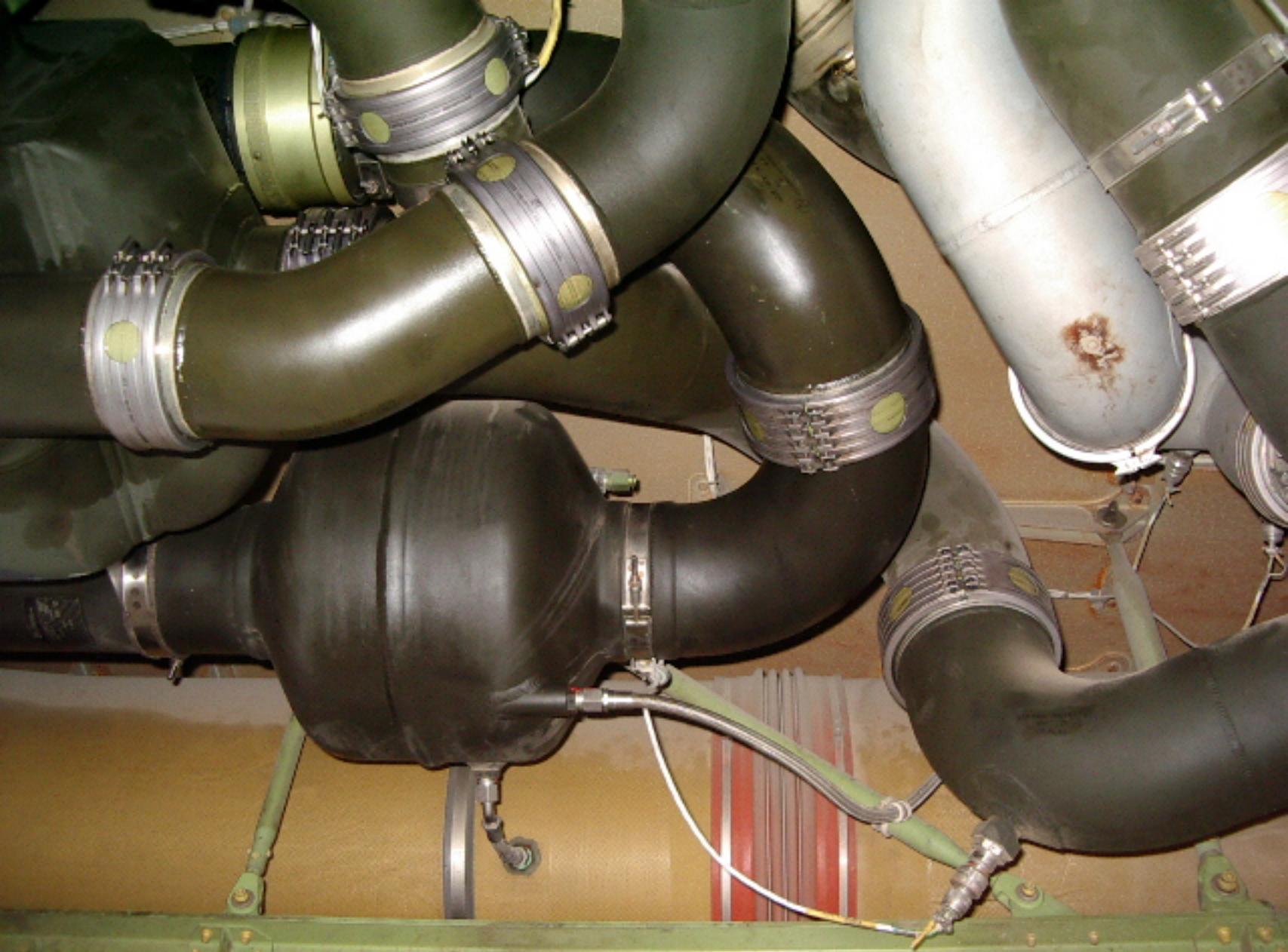


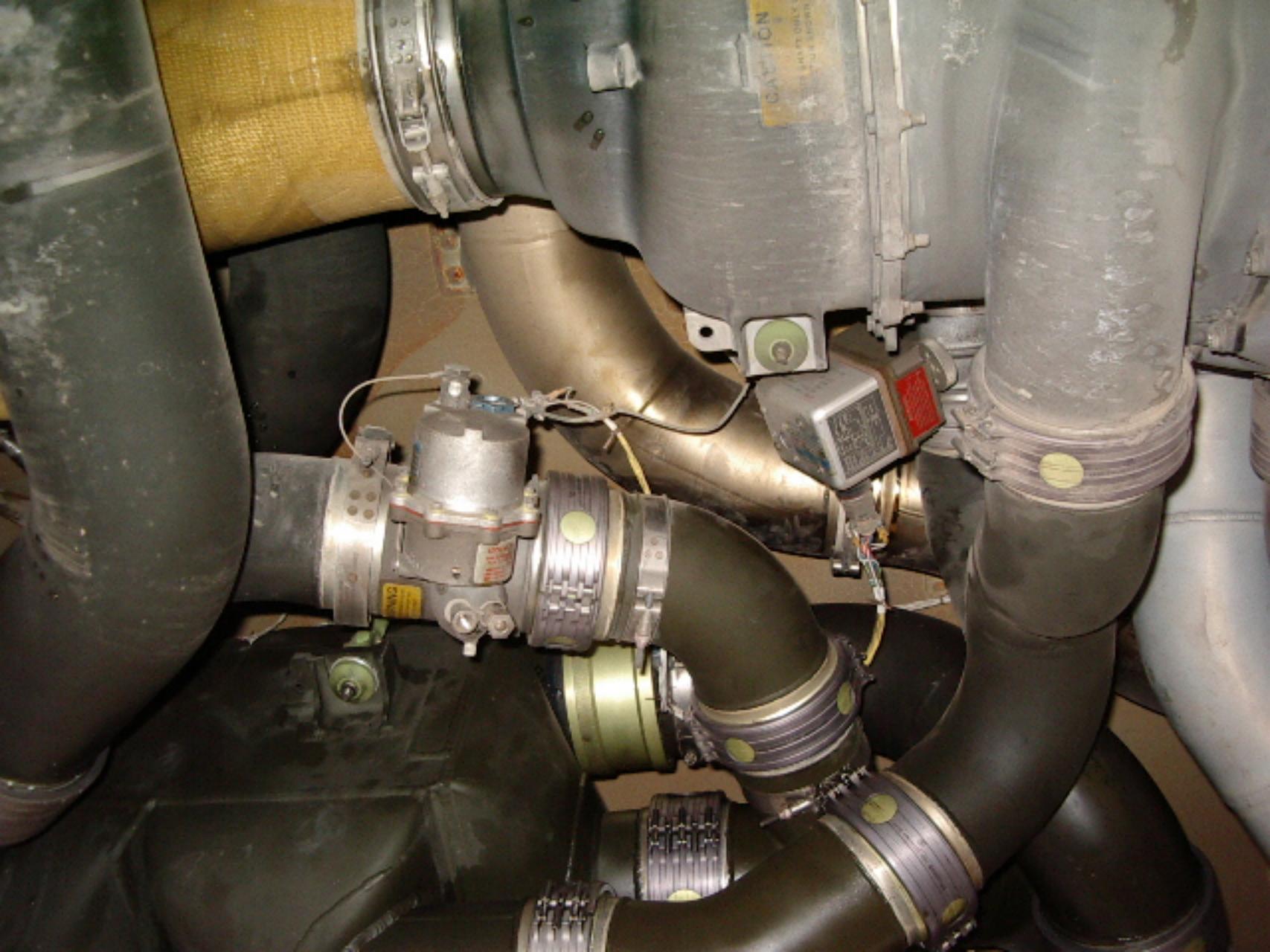


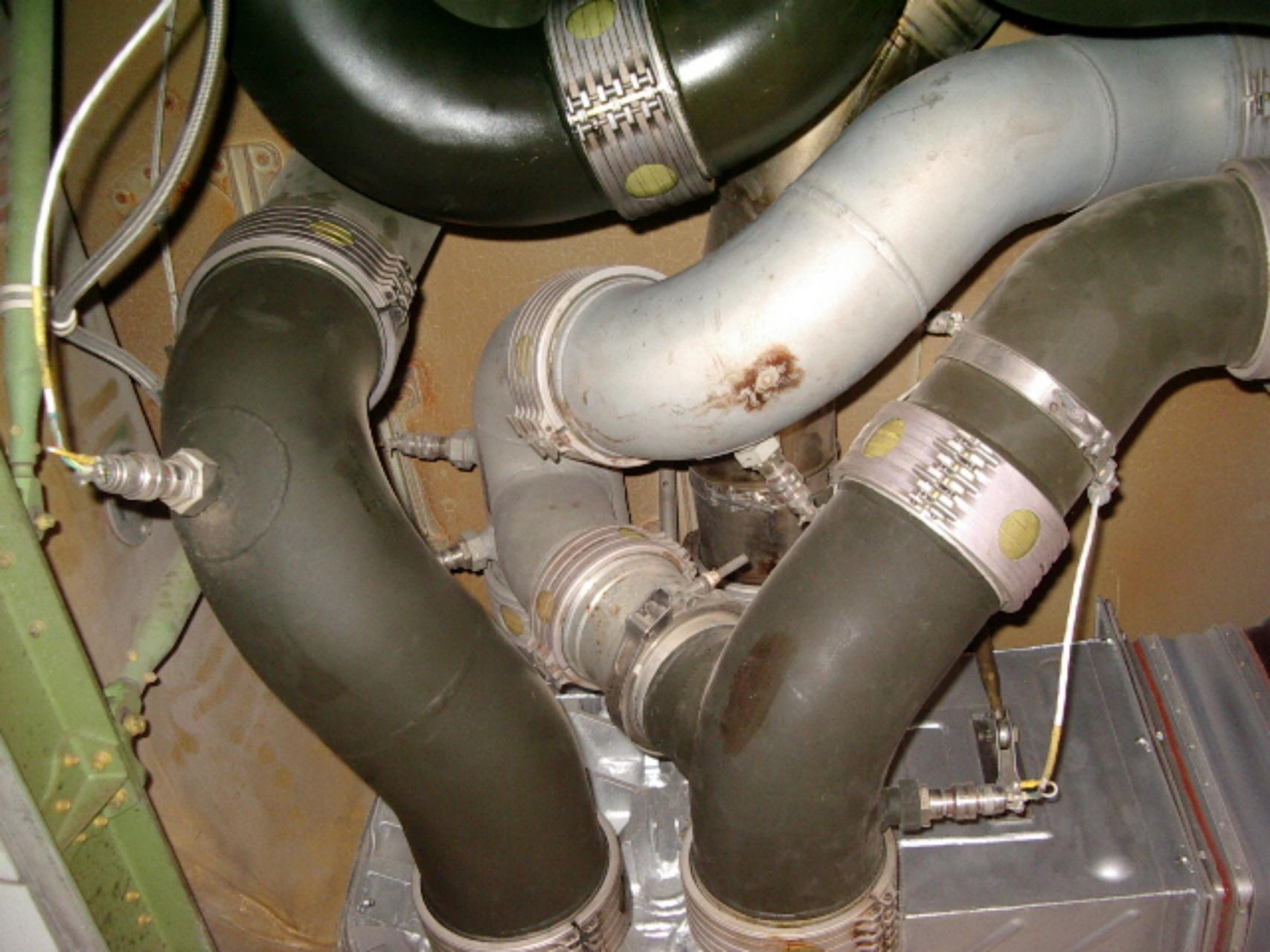
















**WARNING**  
HIGH POWERED HOT AIR EXHAUST  
KEEP OUT WHEN POWER IS ON



**WARNING**

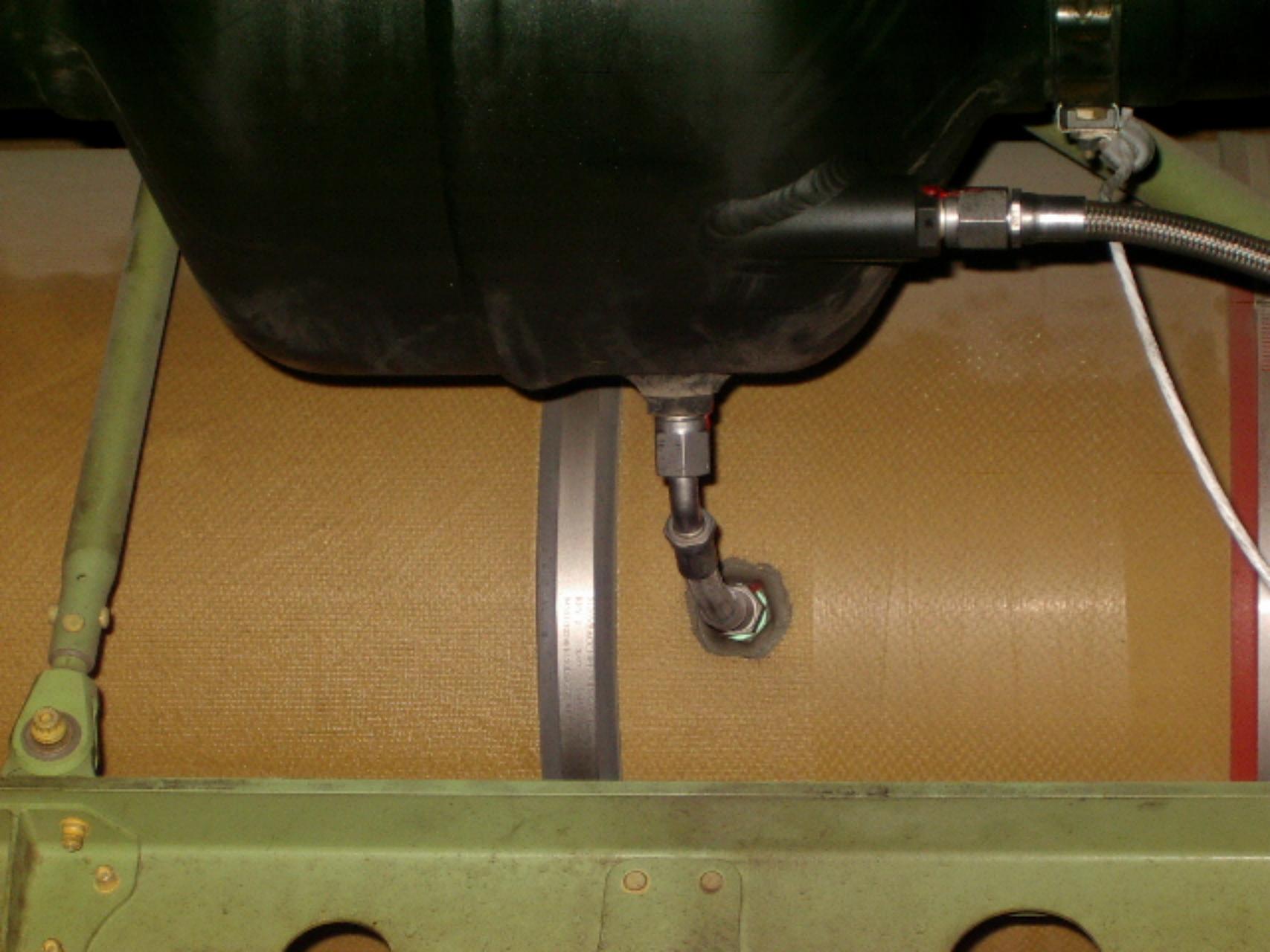
HIGH POWERED HOT AIR EXHAUST  
KEEP OUT WHEN POWER IS ON

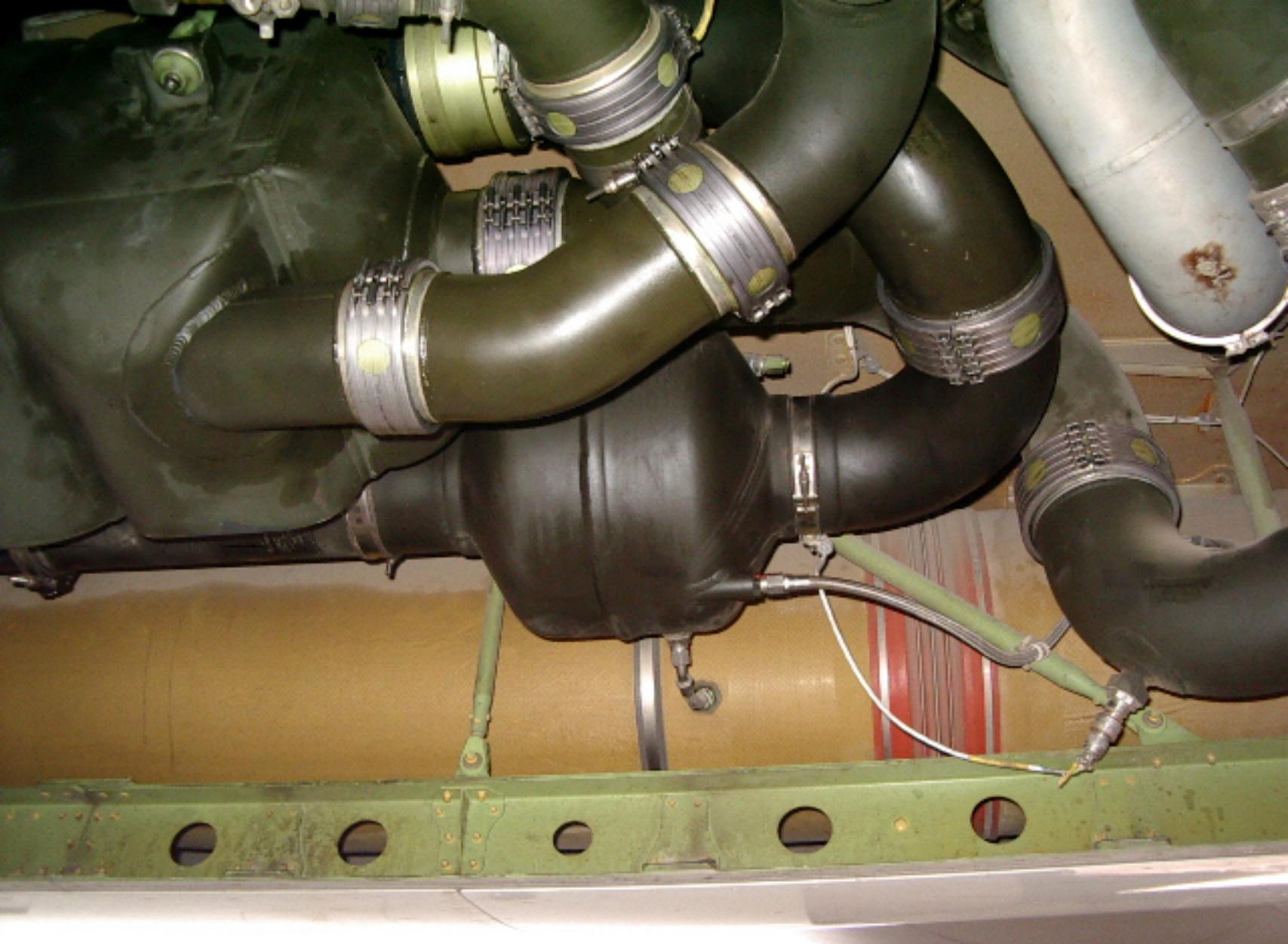
**WARNING**  
HIGH POWERED HOT AIR  
MUST  
KEEP OUT WHEN POWER IS ON

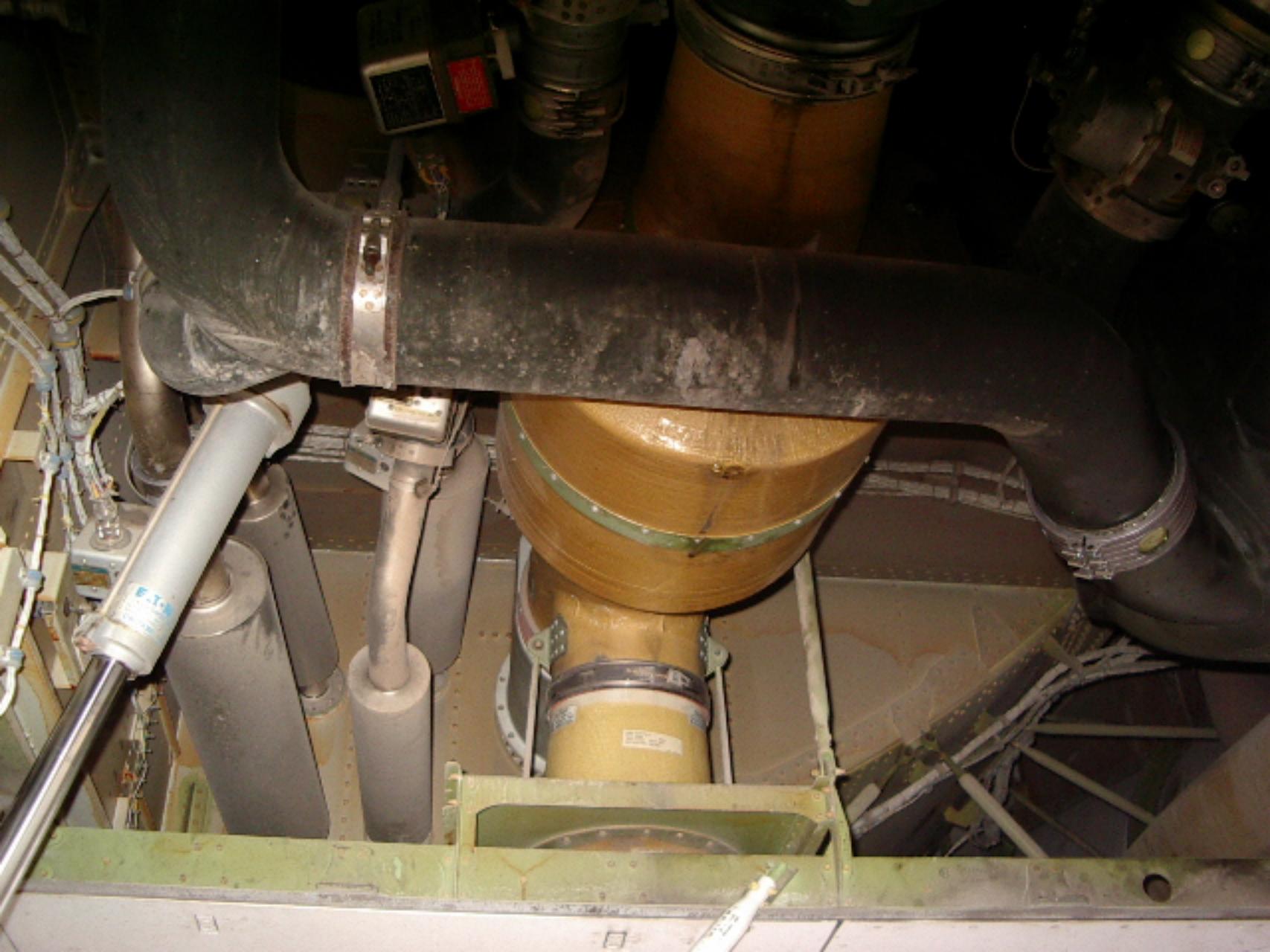


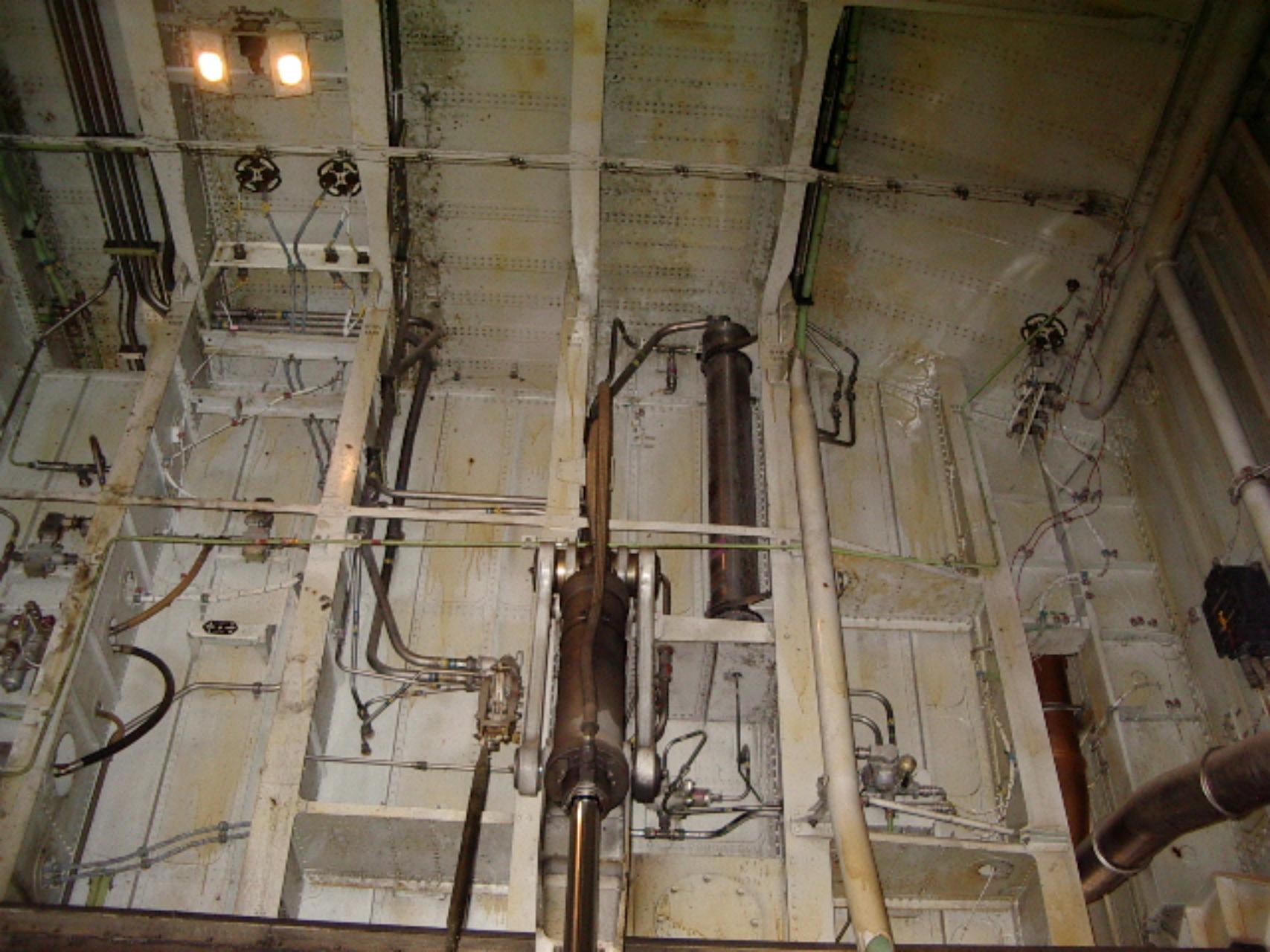
TYPE NO  
F-SIN 60

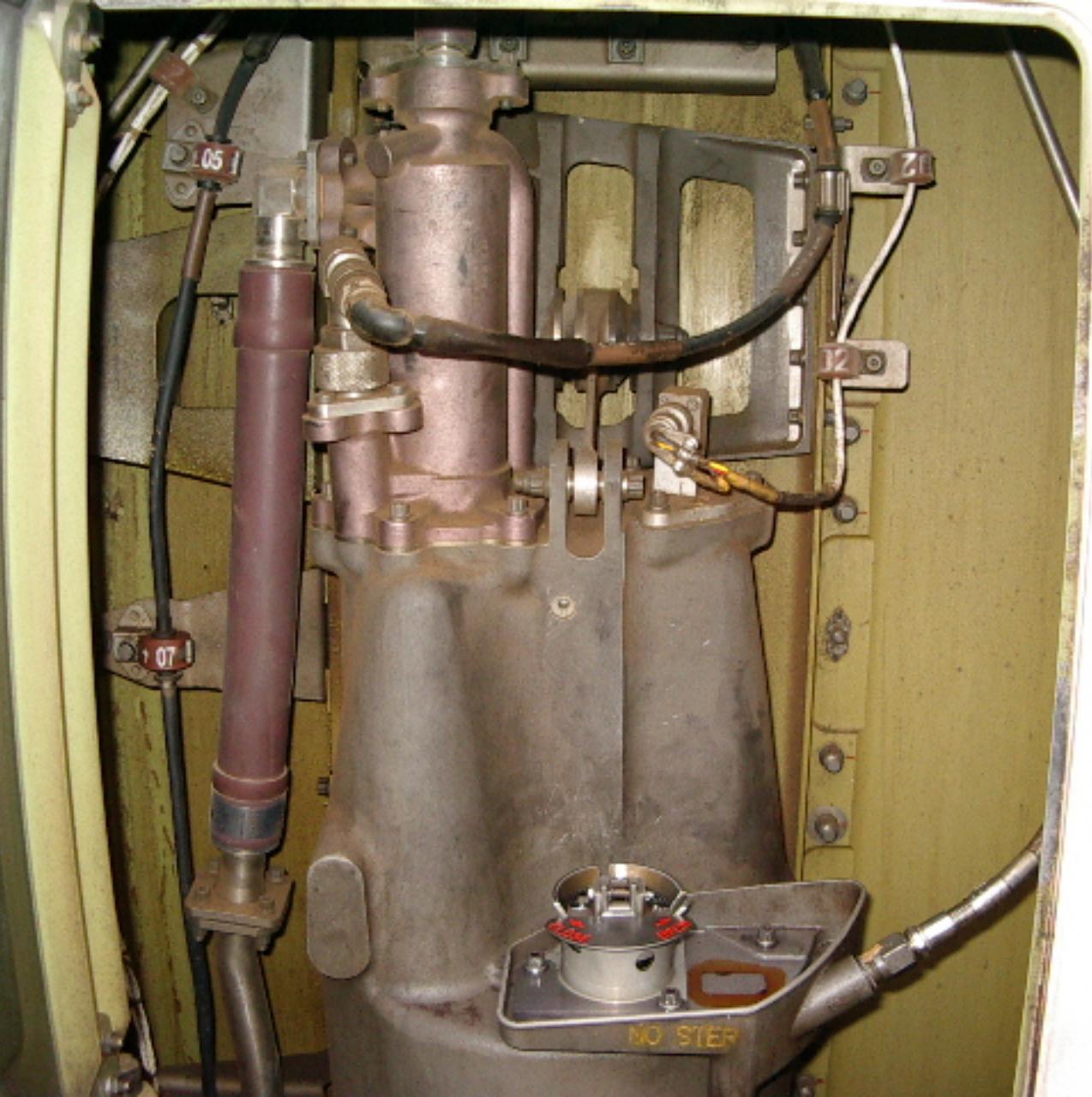
















**NO STEP**

1. VUE DE L'AVION  
2. VUE DE LA PLATEFORME  
3. VUE DE LA PLATEFORME  
4. VUE DE LA PLATEFORME  
5. VUE DE LA PLATEFORME  
6. VUE DE LA PLATEFORME  
7. VUE DE LA PLATEFORME









**—WARNING—**  
**RELEASE PRESSURE**  
**IN STRUT BEFORE**  
**REMOVING VALVE**

S31001  
NOSE GEAR  
PRESSURE SWITCH

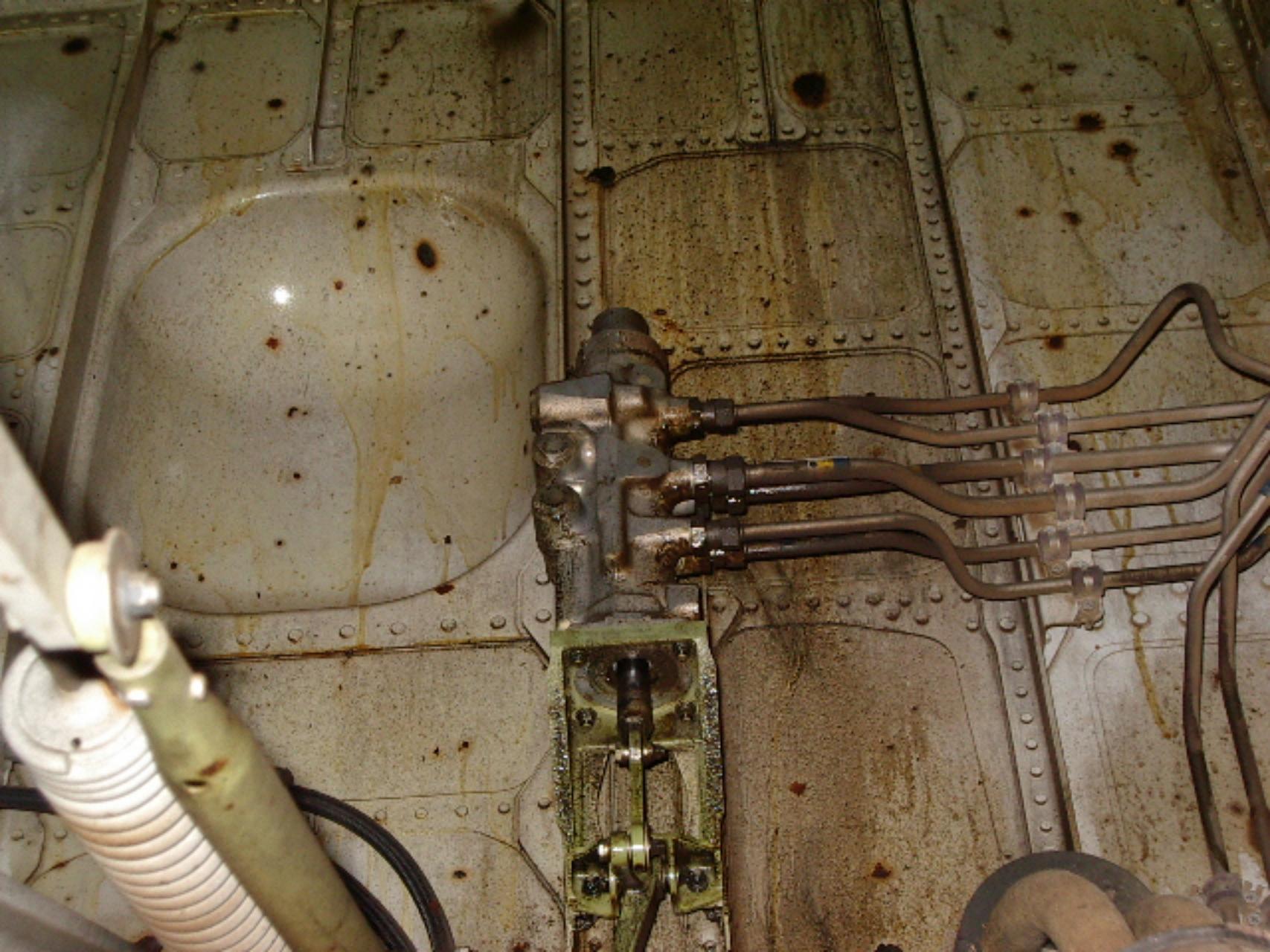
L33114  
L LDG LIGHT

USE LAMP 4155R  
INSTL FILAMENT HORIZ

NOSIE

ADJUSTABLE

















APU FIRE  
WARNING HORN

APU FIRE

FIRE BOTTLE  
ARMED

BOTTLE  
DISCHARGED

APU FIRE

BOTTLE

ARMED

NLG DOORS  
UNLATCH LIGHT  
PRESS TO TEST

FLIGHT DECK

CALL SWITCH

COCKPIT  
VOICE

FLIGHT INPH

SERVICE INPH

NLG DOORS

ARM

OFF

OVER EXIT

LT TEST

WHIRLWELL  
LIGHTS

ON



P40

NOSE GEAR  
GATEWAY PANEL  
AL339

NOSE GEAR DOOR OPENING

OPEN NO GEAR DOORS FROM  
MAIN TOWER, USE SERVICE PANEL.

1. ACTIVATE TWO NOSE GEAR DOOR PINES  
IN EACH SIDE AND NOSE BRIDGE  
IN PNEU WELL. EJECTOR  
IS NOT NECESSARY TO OPERATE  
THE DOORS.
2. PULL DOWN THE NOSE GEAR DOOR  
TO OPEN.
3. INSERT DOOR SAFETY PIN.

NOSE GEAR DOOR CLOSING

1. DEPRESSURIZE LOWER HYDRAULIC SYSTEM.
2. REMOVE DOOR SAFETY PIN.
3. ENSURE DOOR ARM IS CLEAR.
4. DEPRESSURIZE LOWER HYDRAULIC SYSTEM.
5. DEPRESSURIZE AND ACTIVATE NO GEAR  
"ARM" AND "CLOSE" SWITCHES.

ARM

CLOSE





TIRE INFLATION PRESSURE

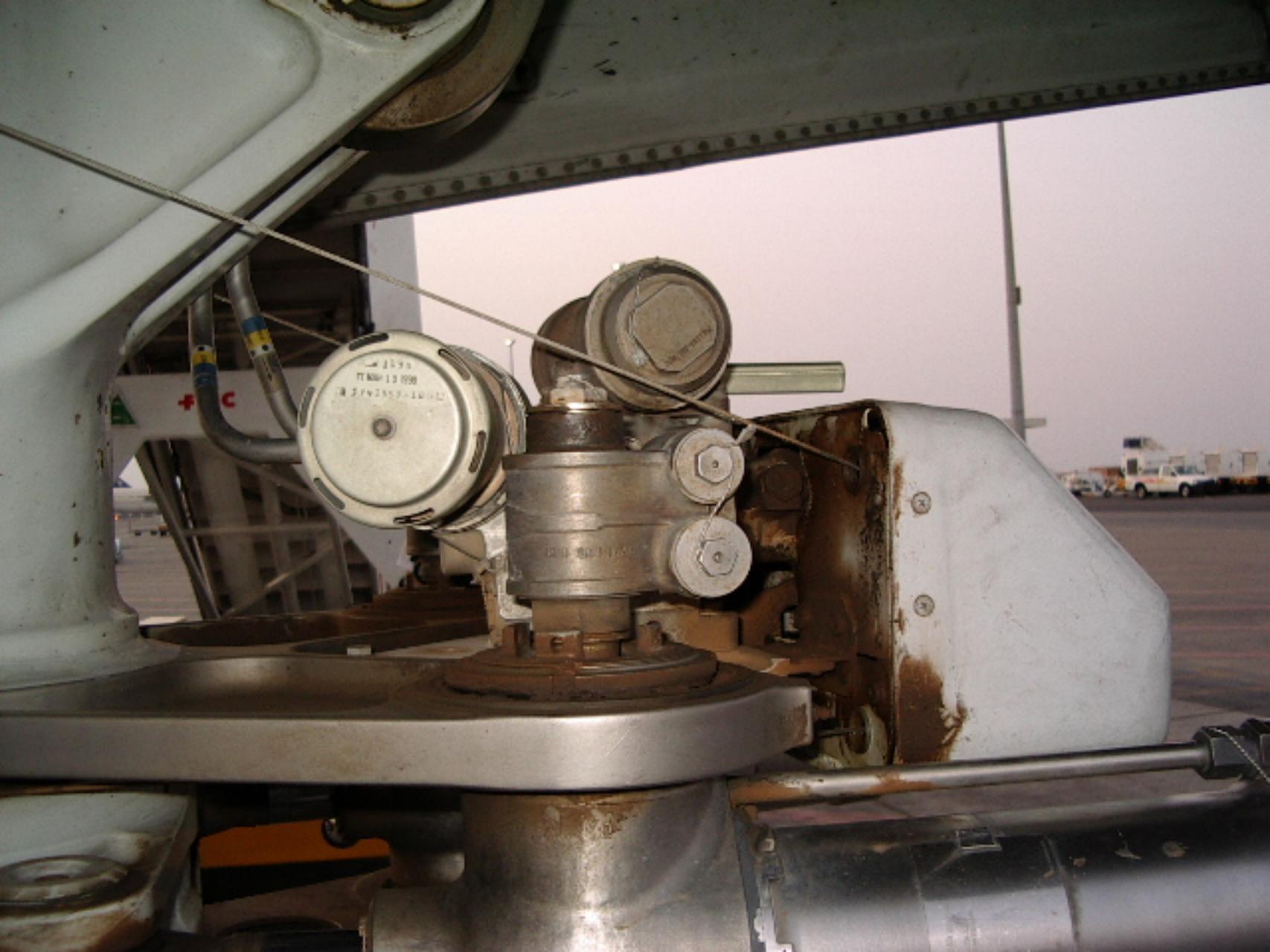
**205** PSIG

SEE MM 12-15 FOR TIRE SERVICING

-FMC



DO NOT  
USE  
WITH  
TIRE  
INFLATOR



41593  
11 May 13 1998  
W 2742553-1000









CH