

**DOCKET NO. SA-516**

**EXHIBIT NO. 1 IE**

**NATIONAL TRANSPORTATION SAFETY BOARD  
WASHINGTON, D.C.**

**CENTER WING TANK ROUTINE WORK CARDS**

**(PAGES E-1 THRU E-8)**

OPEN CENTER TANK  
C57-131-01. 02

AREA 131

A/C # 17119  
SPEC. F/T  
CARD # A402  
PAGE 1 OF 1

INSP. MECH.

01. OPEN THE FOLLOWING CENTER TANK ACCESS PLATES:

1		
2		
3	2316C	131AZ
4	51148	131BZ
5	57648	131CZ
6	51115 V	131DZ
7	51135 E	131EZ
8	51135 J	132AZ
9	51165	132BZ
10	51165	132CZ
11		
12		
13		
14		
15		
16		

ACCESS FOR: F/T C412

INSP D451

(WITH QP 11-10Z) INSP D450

OP. TYPE OP16

DWG. REF. A6136/B920536

TWA FORM M-139-R-06 05-28-92

NC. MEN 01

OCT 6 1992

*Jaw*

CENTER SECTION DRY BAY OPENUP  
C57-131-01,02

AREA 131-132

A/C # 17119  
SPEC. A/C  
CARD # A424  
PAGE 1 OF 1

INSP. MECH.

1  
2  
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9  
10  
11  
12  
13  
14

01. REMOVE LEFT & RIGHT FILLET FAIRINGS FWD OF  
JACK PAD ACCESS DOOR.

*SD 896*  
*9213*

191EEL  
192EER

02. REMOVE LEFT AND RIGHT FRONT SPAR ACCESS DOORS  
FOR DRY BAY INSPECTION.

*APL..*  
*SRB..*

LEFT  
RIGHT

FOR INSP D450

OP. TYPE OP16

DWG. REF. A5729

TWA FORM M-139-R-01 02-25-92

NO. MEN 01

SEP 29 1992  
*RC*

F-2

INSTALL FUEL VALVES-CENTER TANK

AREA 131

A/C # 17119  
SPEC. F/T  
CARD # C412  
PAGE 1 OF 1

INSP. MECH.

1  
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22  
23

01. INSTALL ENGINE CROSS FEED CHECK VALVES.  
STOCK NR 288-8849. (O-RINGS 2 EA. 72-2317, 4 EA. 72-2362)

91626  
~~91627~~  
~~91628~~

LH  
RH

*ordered*  
40723D

2366 02. INSTALL CENTER TANK SCAVENGE CHECK VALVE.  
STOCK NR 288-8858. (O-RINGS 2 EA. 42-4095)

03. INSTALL CENTER TANK JETTISON PUMP INLET/REMOVAL  
CHECK VALVE. STOCK NR 91-4562. (O-RINGS 2 EA. 42-3081)

91626  
~~91627~~  
~~91628~~

LH  
RH

04. INSTALL CENTER TANK JETTISON PUMP DISCHARGE CHECK  
VALVES. STOCK NR 73-8020. (O-RINGS 2 EA. 32-5411,  
2 EA. 32-5678, 4 EA. 72-2364)

23166  
~~23167~~  
~~23168~~

LH  
RH

QP. TYPE QP16      DWG-REF. A6136/B920536

TWA FORM M-139-R-06 05-28-92      NO. MEN 01

OCT 8 1992  
*RC*

REMOVE FUEL VALVES-CENTER TANK

AREA 130

A/C # 17119  
SPEC. F/T  
CARD # C413  
PAGE 1 OF 1

INSP. MECH.

- 1
  - 2
  - 3
  - 4 *23166*
  - 5 *36636*
  - 6
  - 7 *23166*
  - 8
  - 9
  - 10
  - 11
  - 12
  - 13
  - 14 *23166*
  - 15 *36636*
  - 16
  - 17
  - 18
  - 19
  - 20
  - 21 *93166*
  - 22 *36636*
  - 23
01. REMOVE ENGINE FUEL CROSS FEED CHECK VALVES & SEND TO SHOP FOR SHOP CHECK. STOCK NR 288-8849.
- LH  
RH
02. REMOVE CENTER TANK SCAVENGE CHECK VALVE AND SEND TO THE SHOP FOR SHOP CHECK. STOCK NR 288-8858.
03. REMOVE CENTER TANK JETTISON PUMP INLET/REMOVAL CHECK VALVE. CHECK AND REPAIR AS REQUIRED. STOCK NR 91-4562.
- LH  
RH
04. REMOVE CENTER TANK JETTISON PUMP DISCHARGE CHECK VALVE AND SEND TO SHOP FOR SHOP CHECK. STOCK NR 73-8020.
- LH  
RH

ACCESS F/T A402

OP. TYPE OP16

DWG. REF. A6136/B920536

TWA FORM M-139-R-06 05-28-92

NO. MEN 01

OCT 8 1992  
RC

INSPECT WING CENTER TANK  
C57-131-01

AREA 131-132

A/C # 17119  
SPEC. INSP  
CARD # D450  
PAGE 1 OF 1

INSP. MECH.

1  
2  
3  
4  
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01. DETAIL INSPECT ALL ITEMS IN CENTER TANK.

ACCESS: A/C A424  
F/T A402

NOTE: M99-00-16 MUST BE COMPLETED FOR ANY  
LEVEL 2 OR 3 CORROSION FOUND. INSURE  
THAT CORR TASK # IS INCLUDED ON N/R  
WRITEUP.

OP. TYPE OP11

DWG. REF. A5729/B920536

TWA FORM #139-R-50 05-28-92

NO. MEN 01

OCT 6 1992  
*[Signature]*

INSPECT WING CENTER TANK DRY BAY  
C57-131-01

AREA 131-132

A/C # 17119  
SPEC. INSP  
CARD # D451  
PAGE 1 OF 1

~~INSPE~~ MECH.

1  
2  
3  
4  
5  
6  
7  
8  
9  
10

01. DETAIL INSPECT ALL ITEMS IN CENTER TANK DRY BAY.

ACCESS: A/C A424  
E/T A402

NOTE: M99-00-16 MUST BE COMPLETED FOR ANY LEVEL 2 OR 3 CORROSION FOUND. INSURE THAT CORR TASK # IS INCLUDED ON N/R WRITEUP.

OP. TYPE GP16

DWG. REF. A5729/B920536

THA FORM M-139-R-50 05-28-92

NO. MEN 01

OCT 6 1992  
*[Signature]*

E.L.

CLOSE CENTER TANK

AREA 131

A/C # 17119  
SPEC. F/T  
CARD # H402  
PAGE 1 OF 1

INSP. MECH.

01. CLOSE THE FOLLOWING CENTER TANK ACCESS PLATES:

- |    |    |       |         |
|----|----|-------|---------|
| 1  |    |       |         |
| 2  |    |       |         |
| 3  |    | 03545 | 131AZ   |
| 4  |    | 03545 | 131BZ   |
| 5  |    | 03545 | 131CZ   |
| 6  |    | 03545 | 131DZ   |
| 7  | NA | 03545 | 131EZ - |
| 8  |    | 03545 | 132AZ   |
| 9  |    | 03545 | 132BZ   |
| 10 | NA | 03545 | 132CZ - |

OP. TYPE OP16

DWG-REF. A6136/B920536

TWA FORM M-139-R-06 05-28-92

NO. MEN 01

DEC 08 1992  
LC



CLOSE CENTER FUSELAGE & TANK  
C57-131-01, 02

AREA 100

A/C # 17119  
SPEC. A/C  
CARD # H424  
PAGE 1 CF 1

INSP. MECH.

01. CLOSE FRONT SPAR ACCESS PANELS.

2  
3  
4  
5  
6  
7  
8  
9

N/A 92413  
N/A 92463

LEFT  
RIGHT

CLOSE FUSELAGE FILLETS

1625/44306  
92413  
92463

191EEL  
192EER

OP. TYPE OP16

DWG. REF. A5729

TWA FORM M-134-R-01 02-04-92

NO. MEN 01

DEC 10 1992  
RC

E-S