

DOCKET NO. SA-515

EXHIBIT NO 8B

NATIONAL TRANSPORTATION SAFETY BOARD
WASHINGTON, DC

POWERPLANTS GROUP CHAIRMAN'S FACTUAL
REPORT, REV. 1
MARCH 7, 1997
FIGURES AND PHOTOGRAPHS

(12 PAGES)

FIGURES

The following figures are attached.

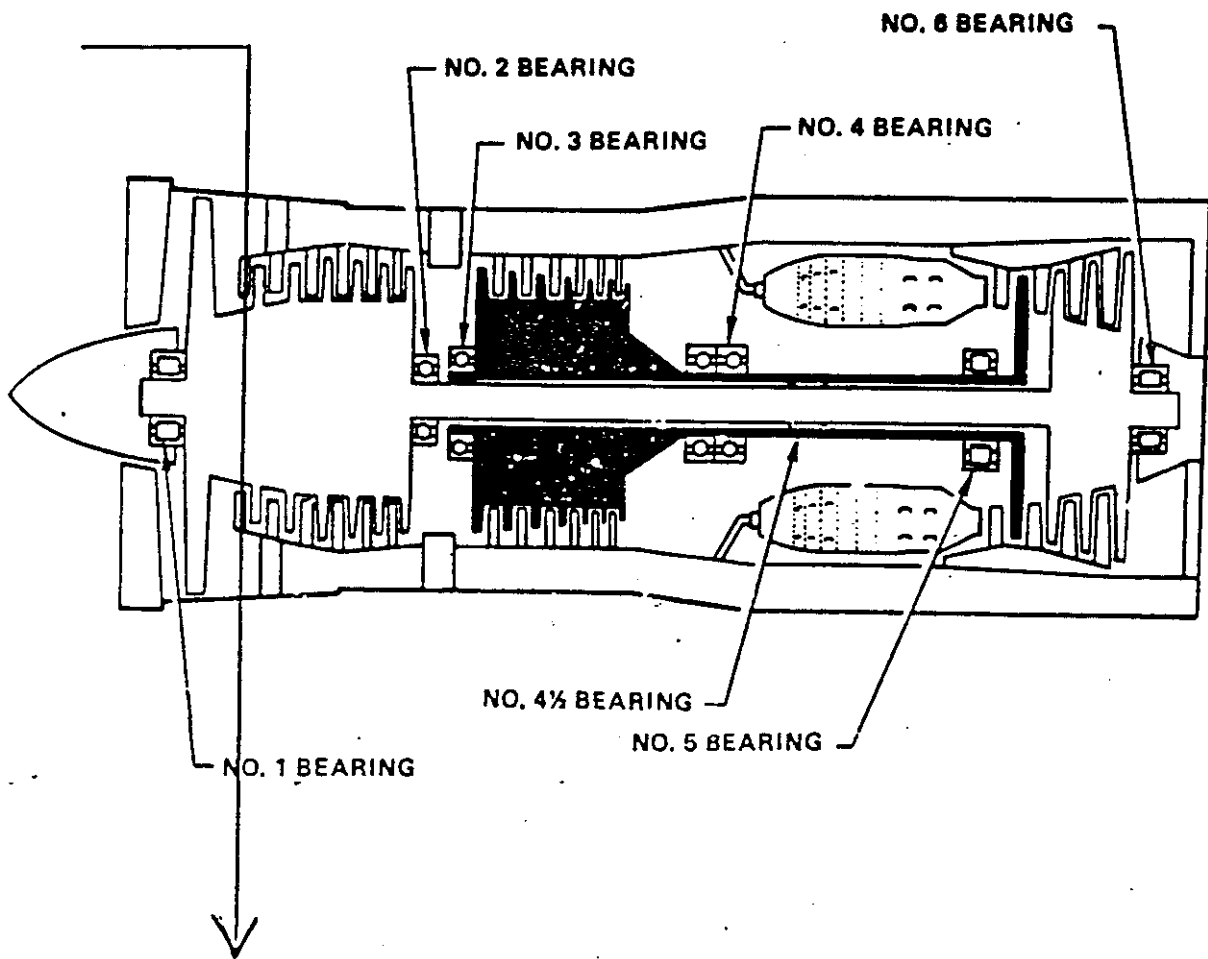
| <u>FIGURE</u> | <u>DESCRIPTION</u> |
|---------------|---|
| 1 | Pratt & Whitney JT8D-219 Engine Cross Section |
| 2 | Fan Hub Configuration, JT8D-219 |
| 3 | Withdrawn- Volvo Proprietary Document |
| 4 | Withdrawn- Volvo Proprietary Document |
| 5 | Withdrawn- Volvo Proprietary Document |
| 6 | Number 1 Bearing Cross Section |

PHOTOGRAPHS

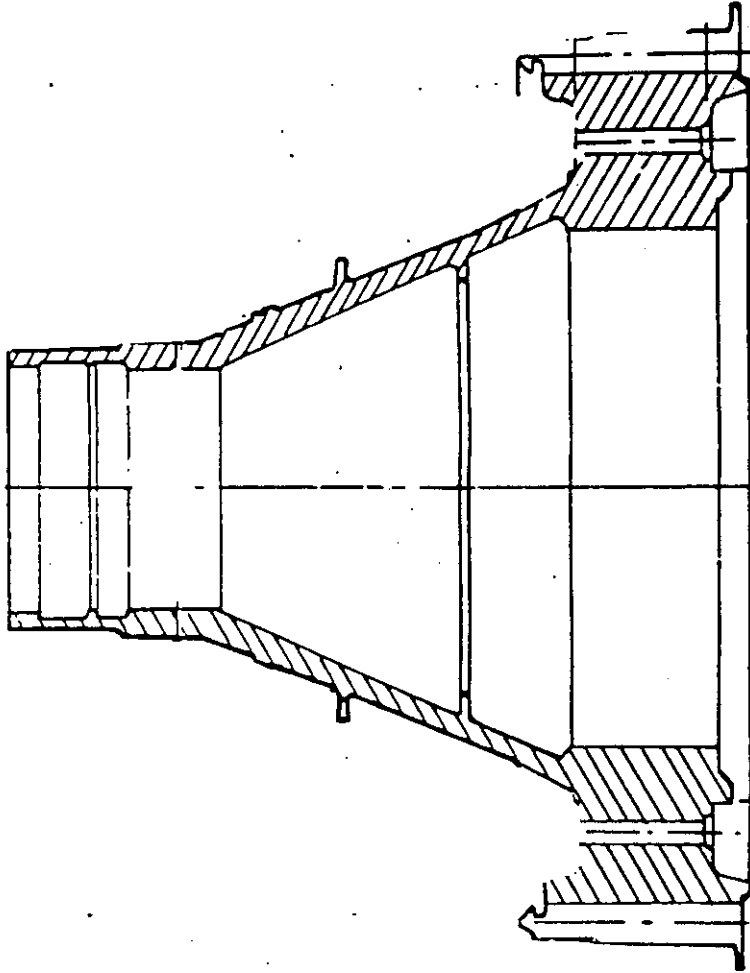
The following photographs are attached.

| <u>PHOTO</u> | <u>DESCRIPTION</u> |
|--------------|--|
| 1. | On Scene Front View of Accident Engine |
| 2. | On Scene Side View of Accident Engine |
| 3. | Fractured Forward Section of Stage 1.5 Hub |
| 4. | Fracture Surfaces on Hub SN R32971 |
| 5. | Large Hub Rim Segment as Found |
| 6. | Gouge Mark on Runway Surface |
| 7. | Small Hub Rim Segment as Found |
| 8. | Hub Fracture Surface with Fatigue Indications- Crash Site Photograph |
| 9. | #1 Bearing Assembly Rollers and Outer Race Remnants |
| 10. | 360 Degree Fracture Just Forward of "F" Flange |





Stage 1.5 Disc Fractu



3

DCA96MA068: Delta MD-88/JT8D-200, July 6, 1996

Figure 3

Withdrawn- Volvo Proprietary Document

4

DCA96MA068: Delta MD-88/JT8D-200, July 6, 1996

Figure 4

Withdrawn- Volvo Proprietary Document

5

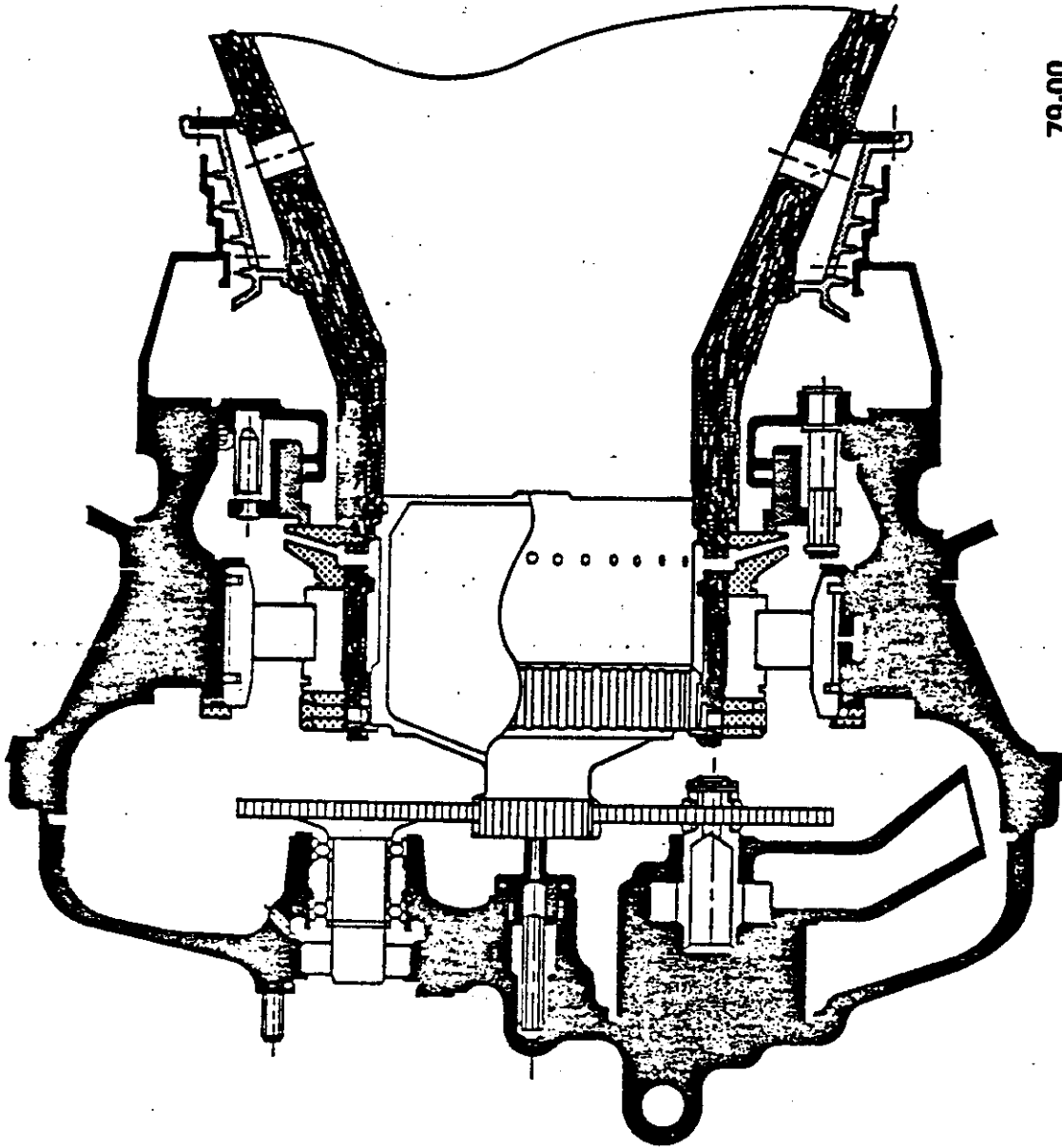
DCA96MA068: Delta MD-88/JT8D-200, July 6, 1996

Figure 5

Withdrawn- Volvo Proprietary Document

6

JT8D



TYPE:

PURPOSE:

LUBRICATION:

OIL SEAL:

SEAL PRESSURIZATION:

7

79-00
CT 6254
5-85

NUMBER 1 BEARING CROSS SECTION



**FOR TRAINING
PURPOSES ONLY**

Photo 1

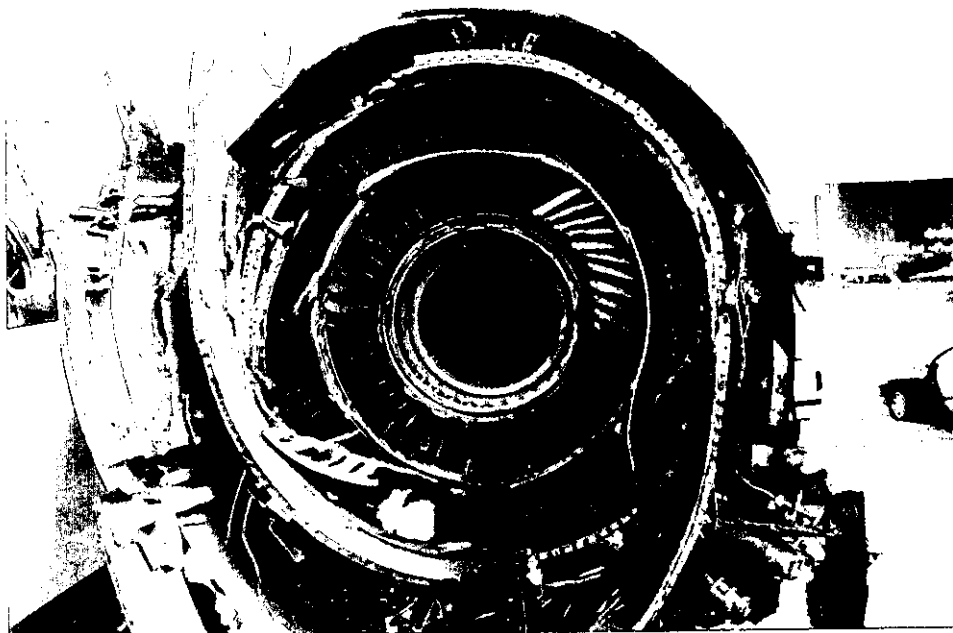


Photo 2



8

Photo 3

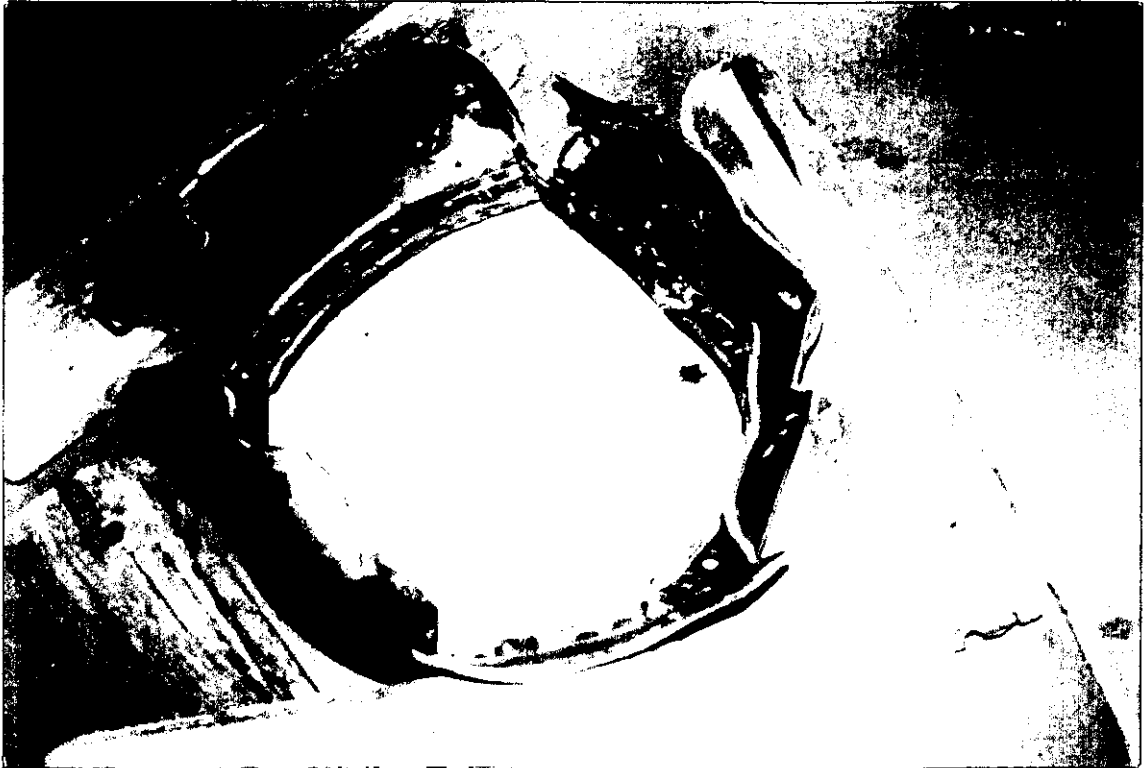


Photo 4



Photo 5

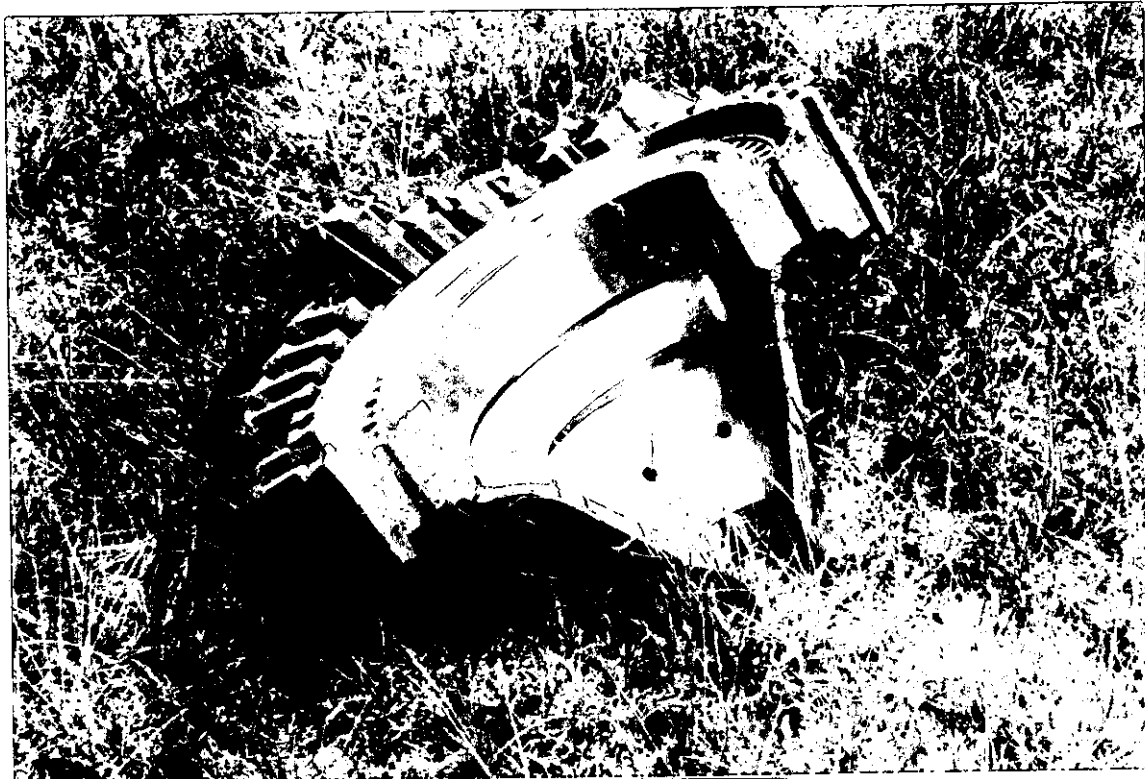


Photo 6



10

11

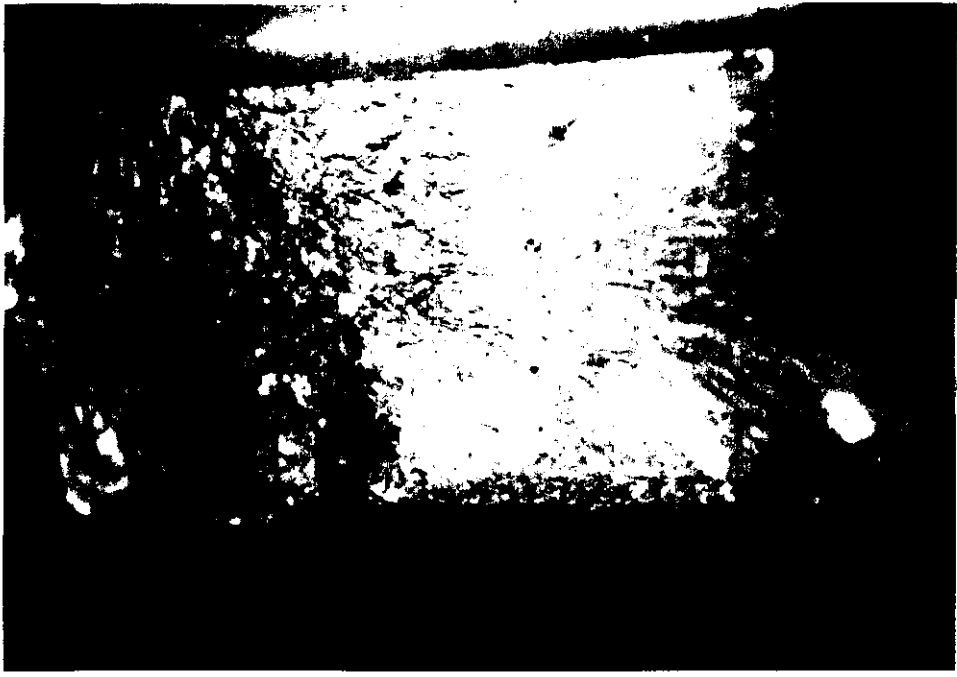


Photo 8

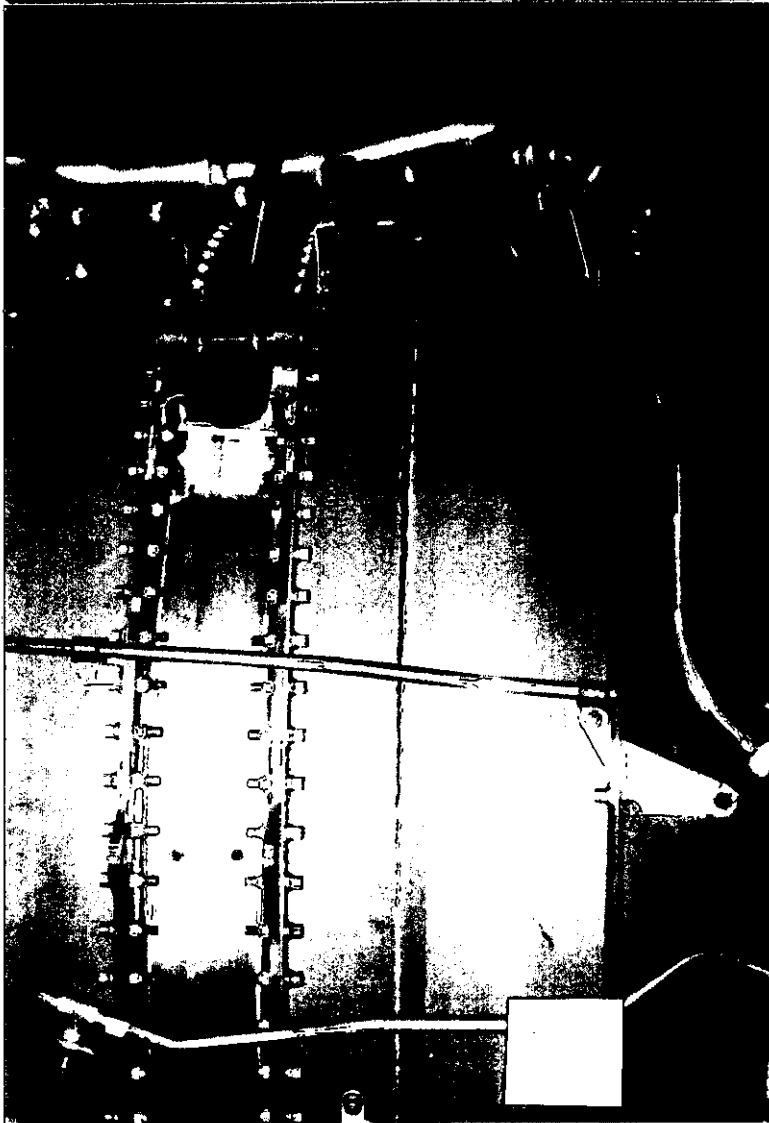


Photo 7

Photo 9



Photo 10



12