



US Department  
of Transportation  
Federal Aviation  
Administration

## MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved  
OMB No. 2120-0020

For FAA Use Only

Office Identification

SEA - FSDO *ck*

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each violation (Section 901 of Federal Aviation Act of 1958).

<b>1. Aircraft</b>	Make <b>Republic</b>	Model <b>RC-3</b>
	Serial No. <b>477</b>	Nationality and Registration Mark <b>N6267K</b>
<b>2. Owner</b>	Name (As shown on registration certificate) <b>Cy Heatherington</b>	Address (As shown on registration certificate) <b>Manly Hot Springs AK.99756</b>

**3. For FAA Use Only**

**4. Unit Identification**

**5. Type**

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	~~~~~ (As described in Item 1 above) ~~~~~				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

**6. Conformity Statement**

<b>A. Agency's Name and Address</b> John Greiff Box 862 Yelm Wa. 98597	<b>B. Kind of Agency</b>	<b>C. Certificate No.</b>
	<input checked="" type="checkbox"/> U.S. Certificated Mechanic	1449887
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input type="checkbox"/> Certified Repair Station	
	<input type="checkbox"/> Manufacturer	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date 1-15-99	Signature of Authorized Individual <i>John R Greiff</i>
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**7. Approval for Return To Service**

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is  APPROVED  REJECTED

BY	FAA Flt. Standards Inspector	Manufacturer	X	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 1-15-99		Certificate or Designation No. 1449887	Signature of Authorized Individual <i>John R Greiff</i>		

### NOTICE

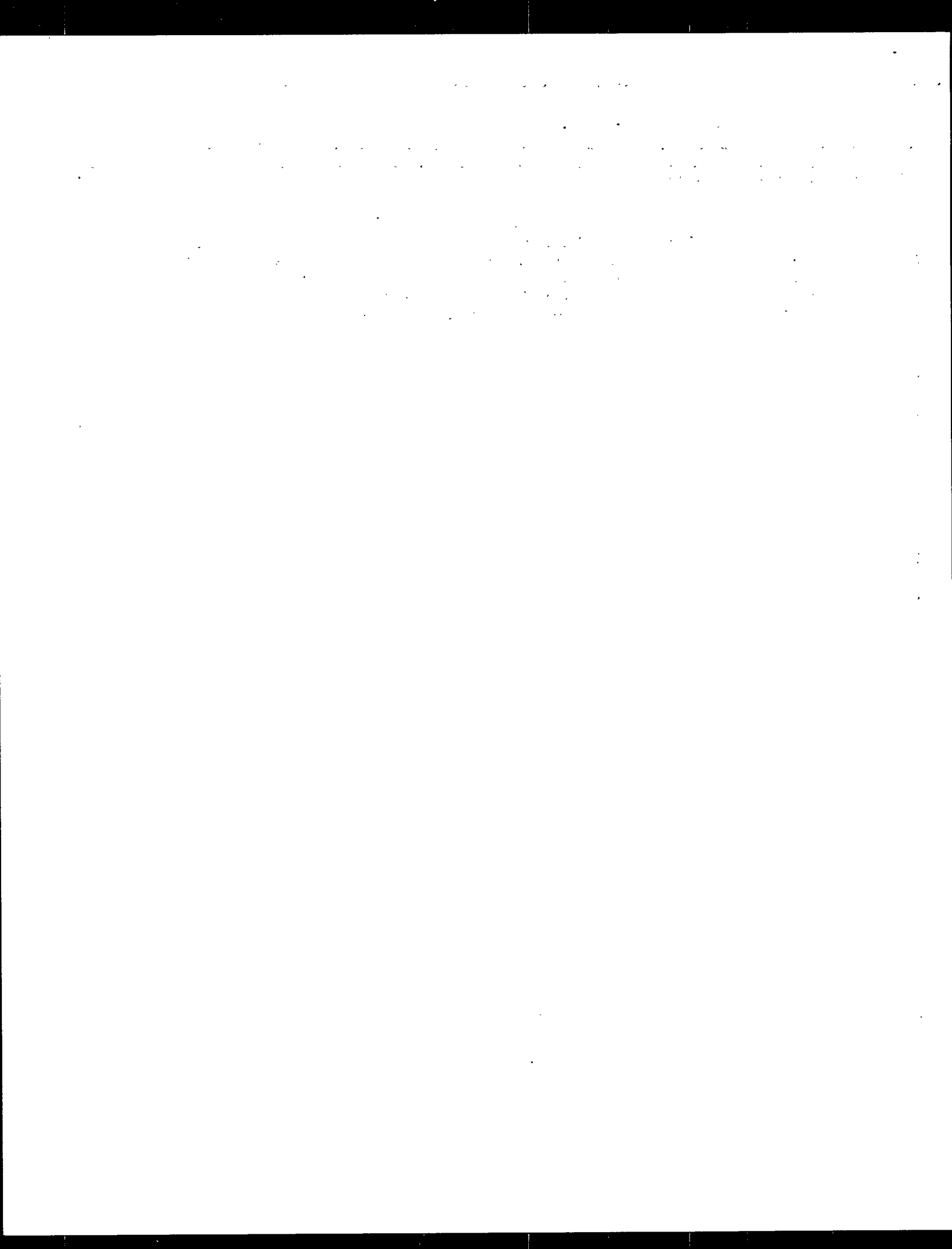
*Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.*

#### **8. Description of Work Accomplished**

*(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)*

Installed Lycoming TIO540A2C Ser.#RL-281-61 & Hartzell HC-E3YR-7LF/FLC8468-4R propeller as per STC SA00656SE & document JG-001 ( Both included ) Utilized existing hardware for engine mounts, hoses & electrical connections. Engine controls remain the same ,except for manual waste-gate , which is controlled by a" Mac" controller mounted in the overhead cabin & is controlled by a electric rocker switch mounted on the throttle control lever. All work performed IAW AC 43.13-1A-2A. Aircraft weighed & weight & balance computed after alteration. Equipment list revised. Pilot Handbook appended

Additional Sheets are Attached



# Supplemental Type Certificate

*Number* SA00656SE

*This certificate, issued to*

**John Greeff  
Box 862  
Yelm, WA 98597**

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.*

<i>Original Product—Type Certificate Number:</i>	A-769
<i>Make:</i>	Sky Enterprises, Inc. (Republic)
<i>Model:</i>	RC-3 (Seabee)

*Description of the Type Design Change:* Installation of a Lycoming TIO540-A2C engine, a Hartzell HC-E3YR-7LF/FLC8468-4R propeller, and a manual waste gate control system per document JG-001.

*Limitations and Condition:* Data pertaining to this modification are considered inadequate for duplication in other aircraft. This approval is limited to the installation in Republic Model R2C aircraft, Serial Number 477, Registration Number N6267K only. A copy of this certificate, and FAA Approved Airplane Flight Manual Supplement dated December 15, 1998, must be maintained as part of the permanent records for the modified aircraft.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* March 18, 1996

*Date reissued:*

*Date of issuance:* December 23, 1998

*Date appended:*



*By direction of the Administrator*

*[Handwritten Signature]*

(Signature)

Acting Manager, Seattle Aircraft  
Certification Office

(Title)

*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*

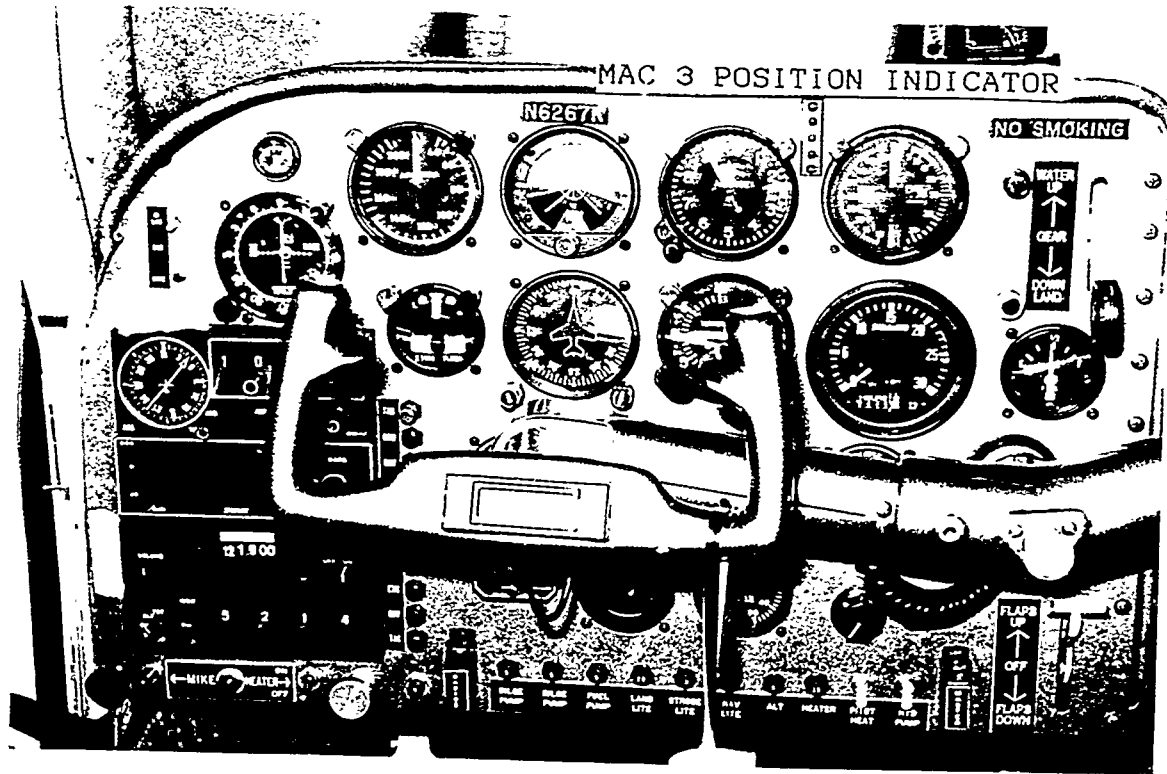
*This certificate may be transferred in accordance with FAR 21.47.*

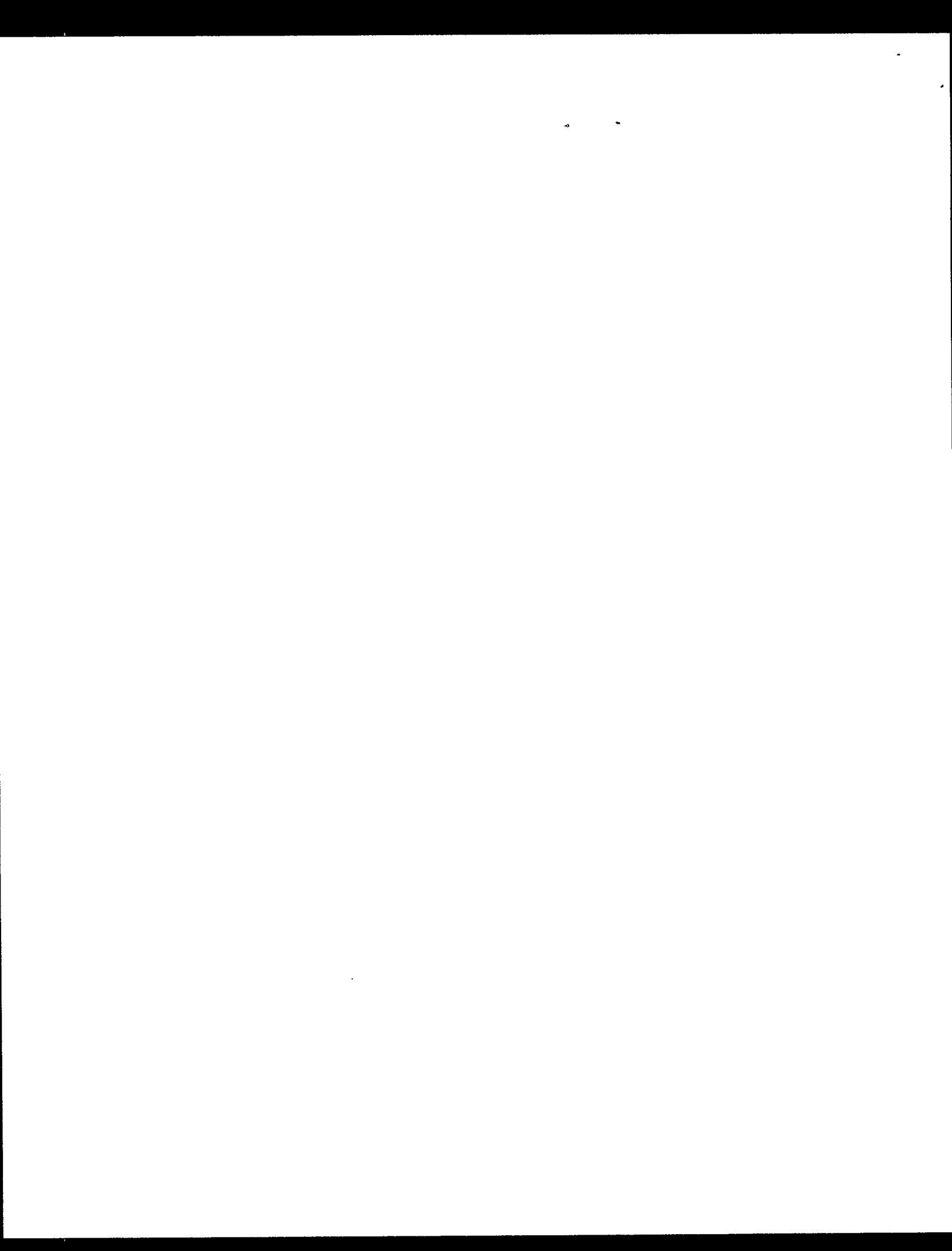


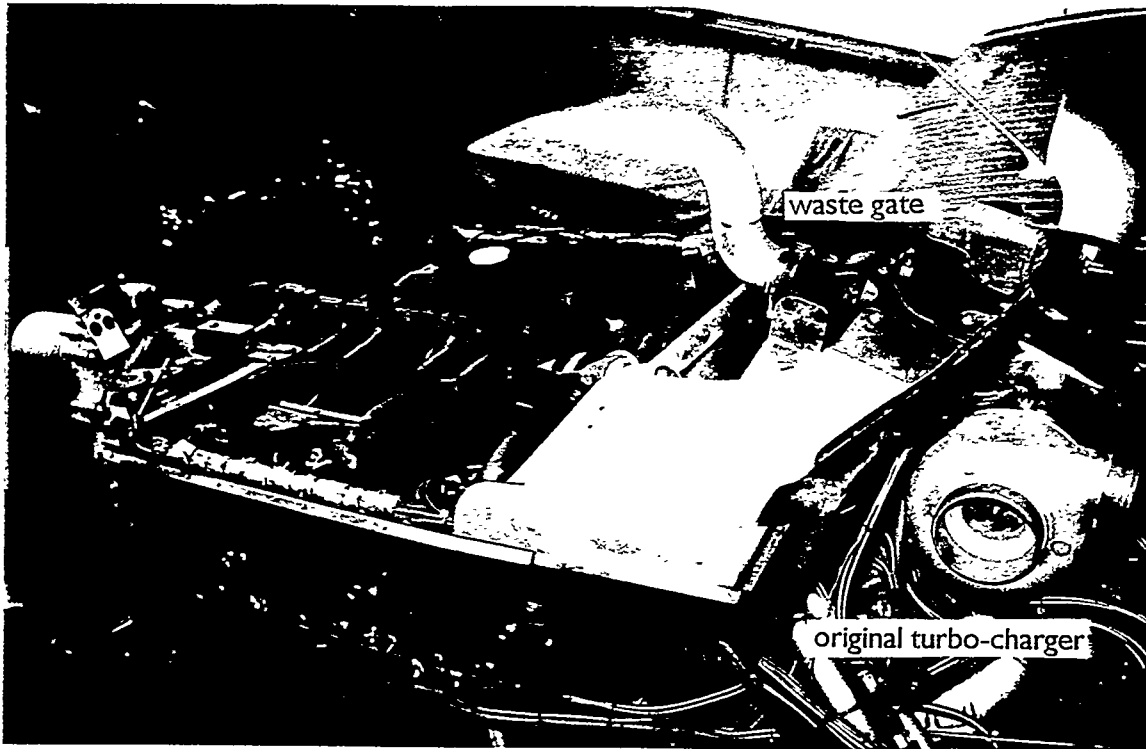
#  
JG 001



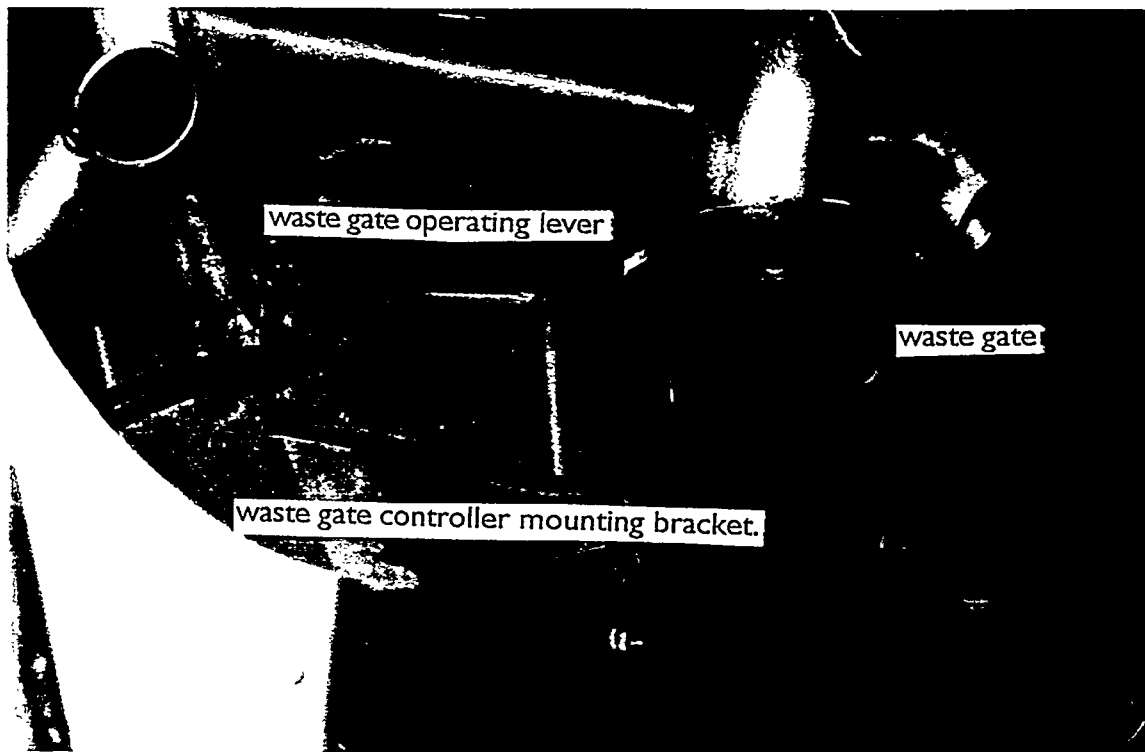
N6267K





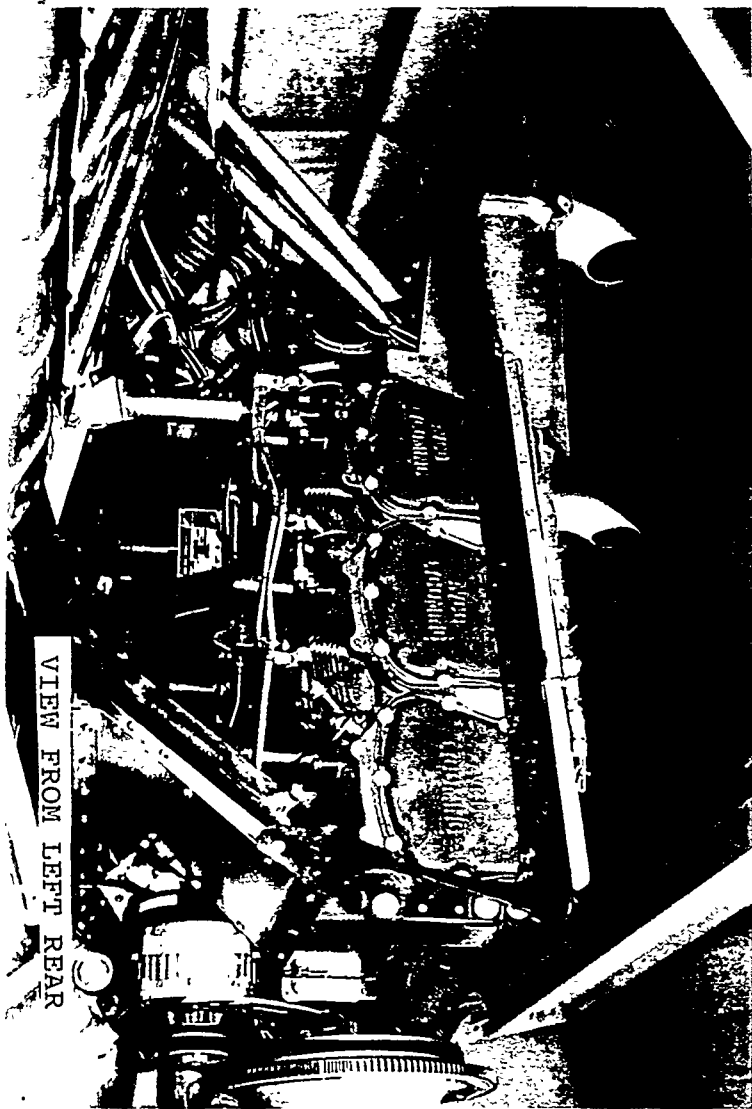


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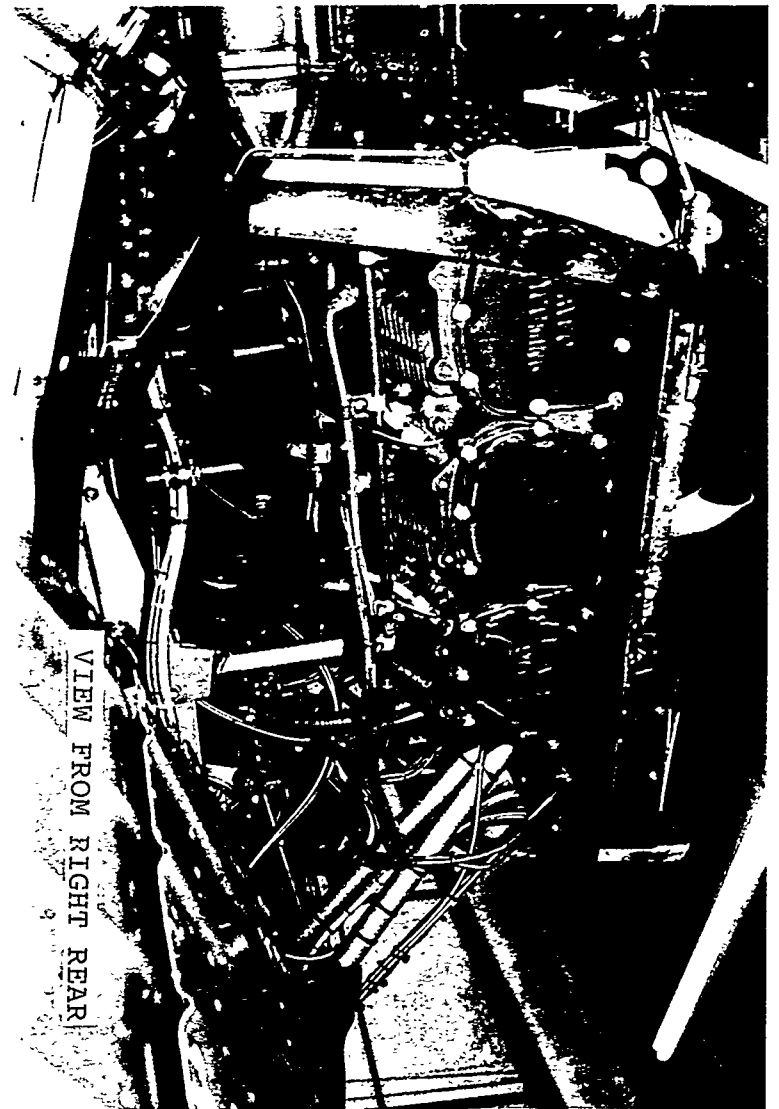






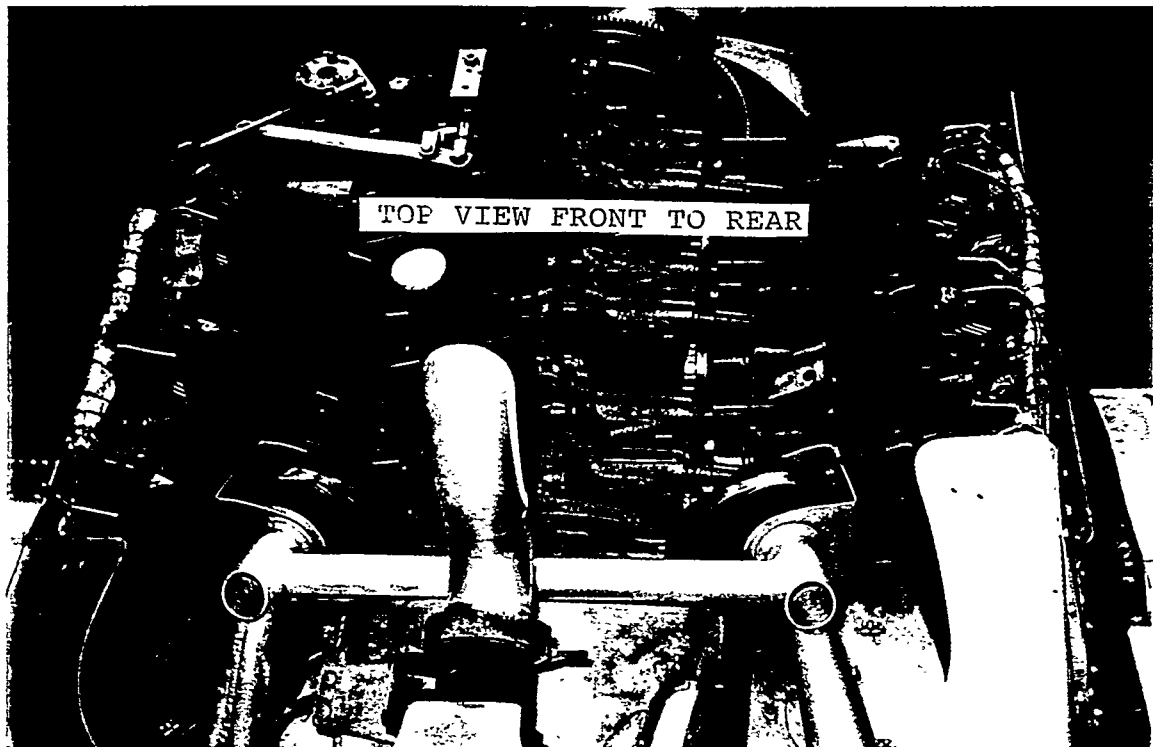


VIEW FROM LEFT REAR



VIEW FROM RIGHT REAR

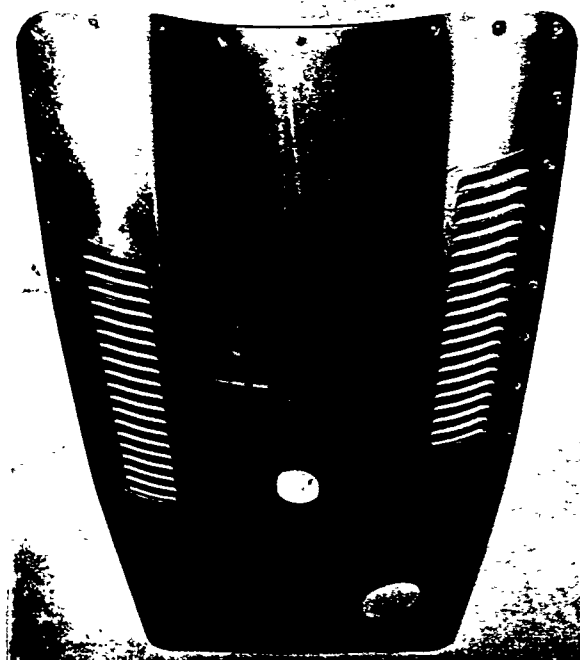
N6267K



TOP VIEW FRONT TO REAR



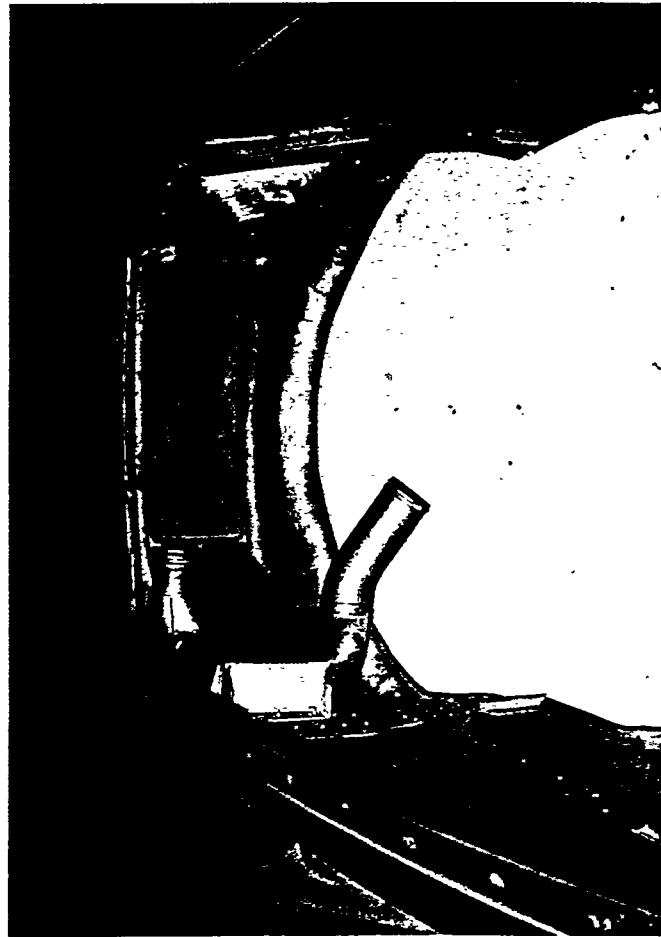
COVER COWLING



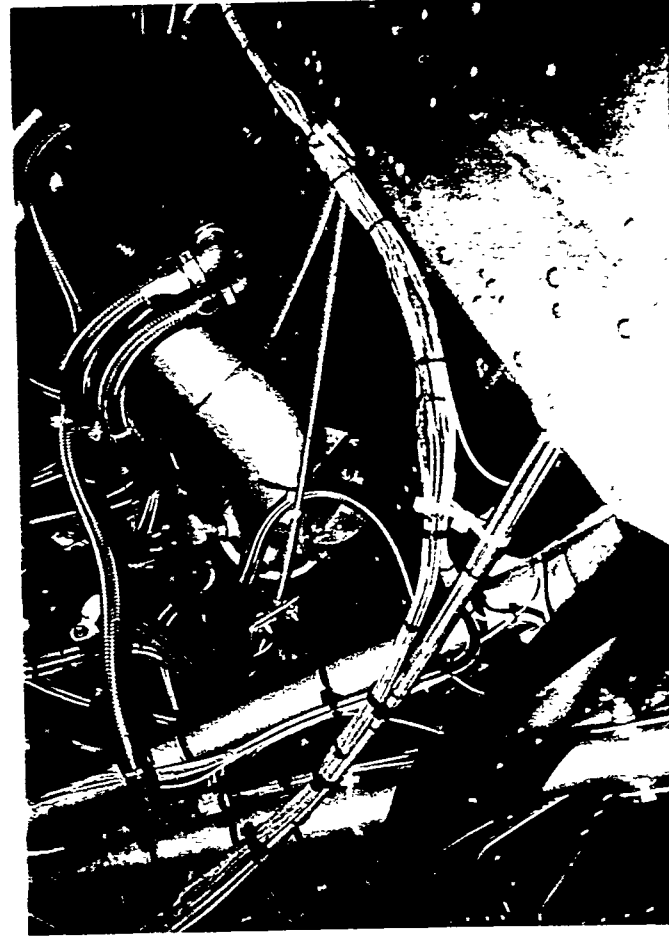
PRESSURE RELIEF VALVE



ENGINE COWLING



ALTERNATE AIR



*NO 267K*