

S-II-1 and -2 welds inspect.

003158

University of Alabama in Huntsville  
saturn history  
5-24-67

AGENCY: NASA

DATE: 5/24/67

CLASSIFICATION: UNCL

ACTION: PRIORITY

INFO:

TYPE OF MESSAGE:

SINGLE  BOOK

MULTI-ADDRESS

FOR USE OF COMMUNICATIONS UNIT

CLASSIFICATION: UNCL

STANDARD FORM 14 REV. 5-62

REGULATION 24X 203.01

THIS COPY IS FOR THE:

OFFICIAL BUSINESS  
U.S. GOVERNMENT PRINTING OFFICE

XIV.03

MESSAGE TO BE TRANSMITTED (Use double spacing and all capital letters)

TO: GENERAL JOHN G. SHINKLE, MANAGER, APOLLO PROGRAM, DA KENNEDY SPACE CENTER, KENNEDY SPACE CENTER, FLORIDA

cc:

R-QUAL-J,  
Mr. Merrill

R-P&VE-XSH,  
Mr. Gresham

I-K-W,  
Mr. [unclear]

DG/KSC,  
Mr. Popovich

JF/KSC,  
Mr. A. Pickett

JF/KSC,  
Mr. T. Martin

DIR,  
Dr. [unclear] Braun

AA/KSC,  
Dr. Debus

AMA,  
Gen. Phillips

BEYOND THIS LINE

IN REPLY REFER TO I-V-MGR-98-67.

SUBJECT: INSPECTION REQUIREMENTS FOR S-II-1 AND S-II-2 AT KSC.

REFERENCE: MEETING AT NASA HEADQUARTERS AMONG GENERAL PHILLIPS, DR. VON BRAUN, DR. DEBUS, GENERAL O'CONNOR, DR. RUDOLPH, COLONEL VARCHIN, AND OTHERS, ON MAY 23, 1967.

A DECISION WAS MADE AT THE REFERENCE MEETING TO INSPECT S-II-1 AND S-II-2 AT KSC FOR ANY POSSIBLE TANK DEFECTS THAT MAY EXIST.

THE PRESENT INSPECTION REQUIREMENTS FOR BOTH TANKS ARE:

HYDROGEN TANK -

1. DYE PENETRANT INSPECT ALL SIDEWALL HORIZONTAL AND VERTICAL WELDS WITH THE EXCEPTION OF CYLINDER #1 TO CYLINDER #2 WELD
2. X-RAY ALL SIDEWALL HORIZONTAL AND VERTICAL WELDS.
3. DYE PENETRANT INSPECT ALL 5 LH<sub>2</sub> ELBOW ASSEMBLY WELDS TO #1 CYLINDER. (THIS IS THE OUTSIDE AND NOT UNDER THE FLOOR WELD.)

LOX TANK -

DYE PENETRANT INSPECT THE GIRTH WELD, BOLLAR WELD AND LOWER 2 FEET OF EACH MERIDIAN WELD OF THE AFT LOX BULKHEAD.

1 2

START MESSAGE ADDRESS HERE

003159

NAME OF AGENCY	PRECEDENCE
	ACTION:
	INFO:
ACCOUNTING CLASSIFICATION	TYPE OF MESSAGE
	<input type="checkbox"/> SINGLE <input type="checkbox"/> BOOK
	<input type="checkbox"/> MULTI-ADDRESS
THIS BLOCK FOR USE OF COMMUNICATIONS UNIT	

CLASSIFICATION

STANDARD FORM 14 REV. MARCH 15, 1957  
GSA REGULATION 24X-203.04  
14-303

**TELEGRAPHIC MESSAGE**

OFFICIAL BUSINESS  
U. S. GOVERNMENT

MESSAGE TO BE TRANSMITTED (Use double spacing and all capital letters)

THIS COL. FOR AGENCY USE

START MESSAGE ADDRESS HERE

DO NOT TYPE MESSAGE BEYOND THIS LINE

THE ABOVE CONSTITUTES THE MAJORITY OF THE INSPECTION REQUIREMENTS.  
MSFC WILL FINALIZE THESE REQUIREMENTS BY FRIDAY, MAY 26, 1967.

MSFC IS ORGANIZING A TEAM OF EXPERTS TO ASSIST YOU ON SITE IN THE  
EVALUATION OF THE INSPECTION AND THE DISPOSITION OF ALL DEFECTS  
AS THEY ARE LOCATED.

THIS MESSAGE IS TO GIVE YOU AN EARLY INDICATION OF THE INSPECTION  
REQUIREMENTS, AND SHALL BE FOLLOWED WITH A FINAL LIST ON  
MAY 26, 1967.

SIGNED, ARTHUR RUDOLPH, MANAGER, SATURN V PROGRAM

PAGE NO. 2

NAME AND TITLE OF ORIGINATOR (Type)	ORIGINATOR'S TEL. NO.
Samuel Yarchin, Manager, S-II Stage Ofc.	876-3448
I certify that this message is official business, is not personal, and is in the interest of the Government.	
<i>Arthur Rudolph</i>	
Arthur Rudolph, Manager, Saturn V Program, I-V-MGR	

DATE AND TIME PREPARED
May 24, 1967 3:00 p.m.
SECURITY CLASSIFICATION

UNCL