

•  
•  
•  
•  
•  
•  
•

**Plum Brook Station  
Work Instruction No.**

GRC-W7030.043

**Revision**

**C**

# Plum Brook Station Work Instruction

## Instrument List

*APPROVED*

*Approved by Plum Brook Management Office/7030:*

**NASA - Glenn Research Center  
Cleveland, OH 44135**

Glenn Research Center Plum Brook Station Work Instruction	Title: Instrument List	
	Document No.: GRC-W7030.043	Rev.: <b>C</b>

Procedure Owner: Plum Brook Management Office

Point of Contact: Mark Woike (419-621-3379)/Mark Cmar (419-621-3273)

### Change Record

Rev.	Effective Date	Description
Initial	2/2/99	Initial Release
Initial Release 1	7/12/99	CR 1999-50, multiple formatting & editorial changes
A	9/8/99	CR 1999-85, list examples of instrumentation that relate to this work instruction and correct typo error.
B	6/22/00	CR 2000-44, in sections 2.0 and 6.6 replace “Records Management Procedure GRC-P7030.033” with “NASA C-278 Organizational Records List”; modify section 7.0 block 6.6.
B1	10/27/00	CR 2000-115, update Approving Authority to match current list.
B2	11/9/00	CR 2000-116, add Point of Contact
<b>C</b>	<b>5/13/03</b>	<b>CR 2003-24, Removed deleted procedures and modified document number in Section 2.0, removed deleted procedures in Sections 6.1 and 7.0.</b>

Printed copies are uncontrolled and are not to be used for operational purposes.

<b>Glenn Research Center Plum Brook Station Work Instruction</b>	<b>Title:</b> Instrument List	
	<b>Document No.:</b> GRC-W7030.043	<b>Rev.:</b> C

## 1.0 PURPOSE

To document instrumentation information (i.e. sensors, transducers, diodes, etc.) associated with a Test Package and the Test Facility.

## 2.0 REFERENCES

Document Number	Document Title
GRC-W7030.044	Data System Configuration Control
GRC-P7030.037	Test Operations
NASA C-278	Organizational Records List

## 3.0 SAFETY PRECAUTIONS

Not Applicable.

## 4.0 TOOLS, EQUIPMENT AND MATERIALS

Personal Computer (PC) connected to the Plumbrook Computer Network in order to use available and current spreadsheet software.

## 5.0 PERSONNEL TRAINING AND/OR CERTIFICATION

Personnel must be familiar with PC operations. Personnel must be familiar with spreadsheet fundamentals.

## 6.0 INSTRUCTIONS

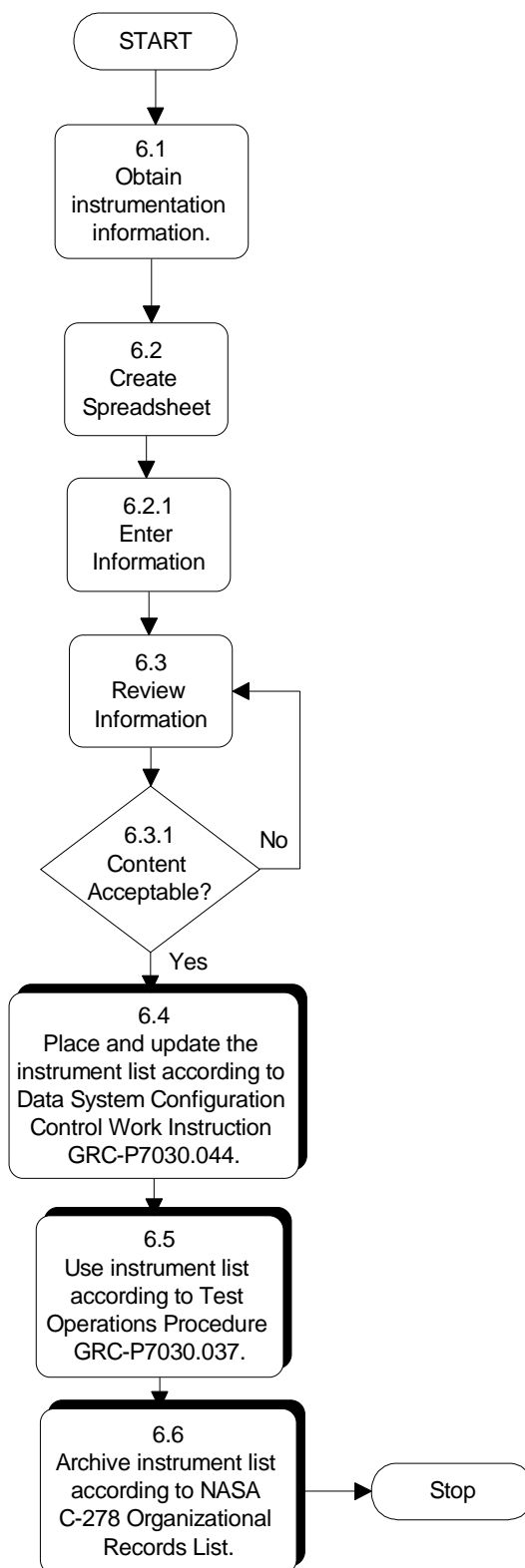
- 6.1 Obtain Instrumentation and Calibration information (if applicable) for the Test Package and Test Facility from the Test Requestor, Engineering Staff, or NASA personnel.
- 6.2 Create a spreadsheet with the project name centered in the header. Enter the date on one side of the page and the facility name on the other.
  - 6.2.1 Below the spreadsheet header, create column headings for Line Item, Scan Rate, Parameter Description, Parameter I.D., Manufacturer Name, Model Number (if applicable), Serial Number (if applicable), Range of Instrument, Type, Calibration Date (if Applicable) and Data System Channel. Enter other information as applicable.
- 6.3 Review spreadsheet information with Test Requestor, Engineering Staff, and NASA personnel.
  - 6.3.1 Determine if instrument list content is acceptable.

<b>Glenn Research Center Plum Brook Station Work Instruction</b>	<b>Title:</b> Instrument List	
	<b>Document No.:</b> GRC-W7030.043	<b>Rev.:</b> <b>C</b>

- 6.4 Place the instrument list in the Data System Configuration Control Document and update it as needed according to the Data System Configuration Control Work Instruction GRC-W7030.044.
- 6.5 Use the instrument list as a guide to perform instrumentation hookup, checkout, and test operations with the data system in accordance with Test Operations Procedure GRC-P7030.037.
- 6.6 Archive the instrument list in the project file in accordance with the NASA C-278 Organizational Records List.

Glenn Research Center Plum Brook Station Work Instruction	Title: Instrument List	
	Document No.: GRC-W7030.043	Rev.: <b>C</b>

## 7.0 FLOW DIAGRAMS



**Printed copies are uncontrolled and are not to be used for operational purposes.**