Lt. DAVID JENKINS

STUDENT WORKBOOK

AIR TRAINING COMMAND

ATLAS E/F BRANCH

LN2/He TRANSFER SYSTEM DATA FLOW ANALYSIS

April 1962

ALL COURSES
TECHNICAL TRAINING

FOR INSTRUCTIONAL PURPOSES ONLY

ABOUT STUDENT STUDY GUIDES AND WORKBOOKS

STUDENT STUDY GUIDES AND WORKBOOKS, are designed by the Air Training Command as student training publications for use in the training courses of this command. Each publication is prepared for a subject or Unit of Instruction as reflected in the course syllabus.

THE STUDENT STUDY GUIDE, contains the specific information required in the Unit of Instruction or it will refer to other publications which the student is required to read. It contains the necessary information which is not adaptable for student study in other available sources. The material included or referred to is normally studied either outside the classroom or during supervised study periods in the classroom. Also included are thought provoking questions which permit self-evaluation by the student and which will stimulate classroom discussion.

THE STUDENT WORKBOOK, contains specialized job procedures, important information about the job, questions to be answered, problems to be solved and/or work to be accomplished by the student during the classroom/laboratory, airplane/equipment activity. It serves as a job sheet, operations sheet, mission card, checklist, or exercise to be performed during classroom or laboratory periods. Also included are questions which will aid the student in summarizing the main points of the subject or Unit of Instruction.

STUDENT STUDY GUIDES AND WORKBOOKS, are prepared primarily for use in the training situations peculiar to the Air Training Command. However, they must not conflict with the information and/or procedures contained in Technical Orders or other official directives.

All Courses
Atlas E/F Branch
Department of Missile Training
Sheppard Air Force Base, Texas

Student Workbook
18 April 1962

PRESSURIZATION SCHEMATICS

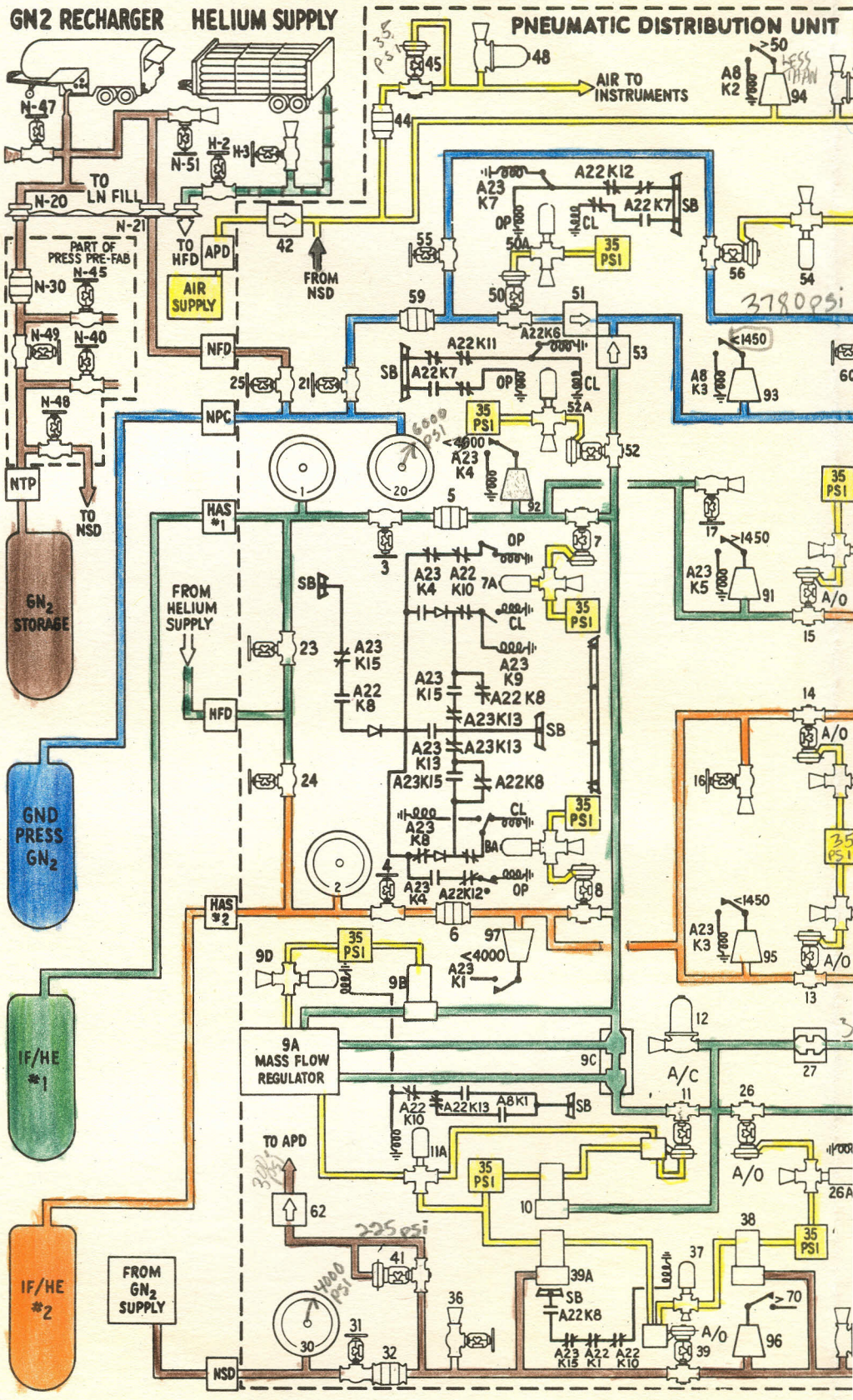
OBJECTIVE:

To familiarize the student with the operation of the PDU, PCU, HCU and LN_2/He prefab.

INSTRUCTIONS

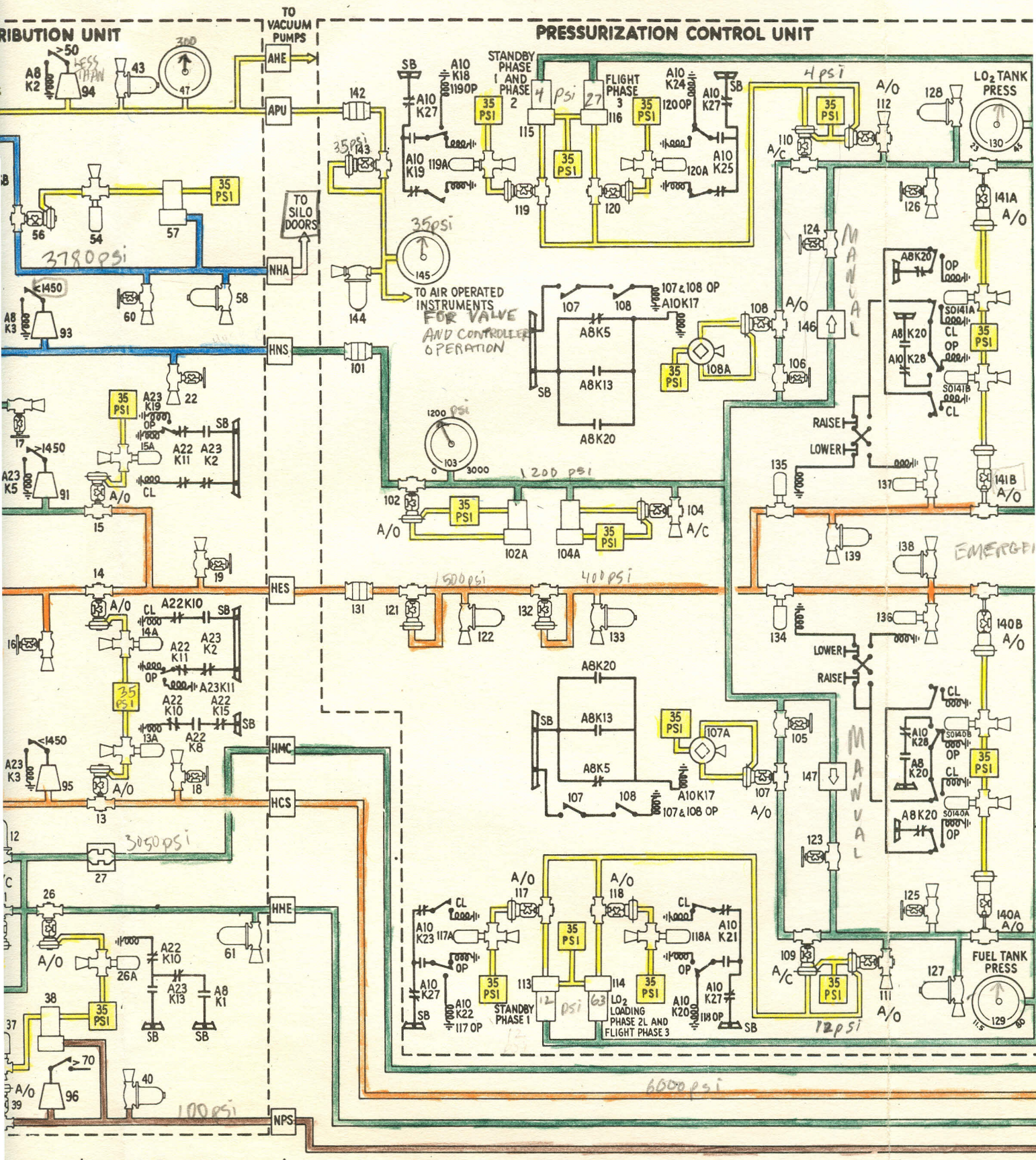
Use the following schematics to trace systems and perform malfunction analysis.

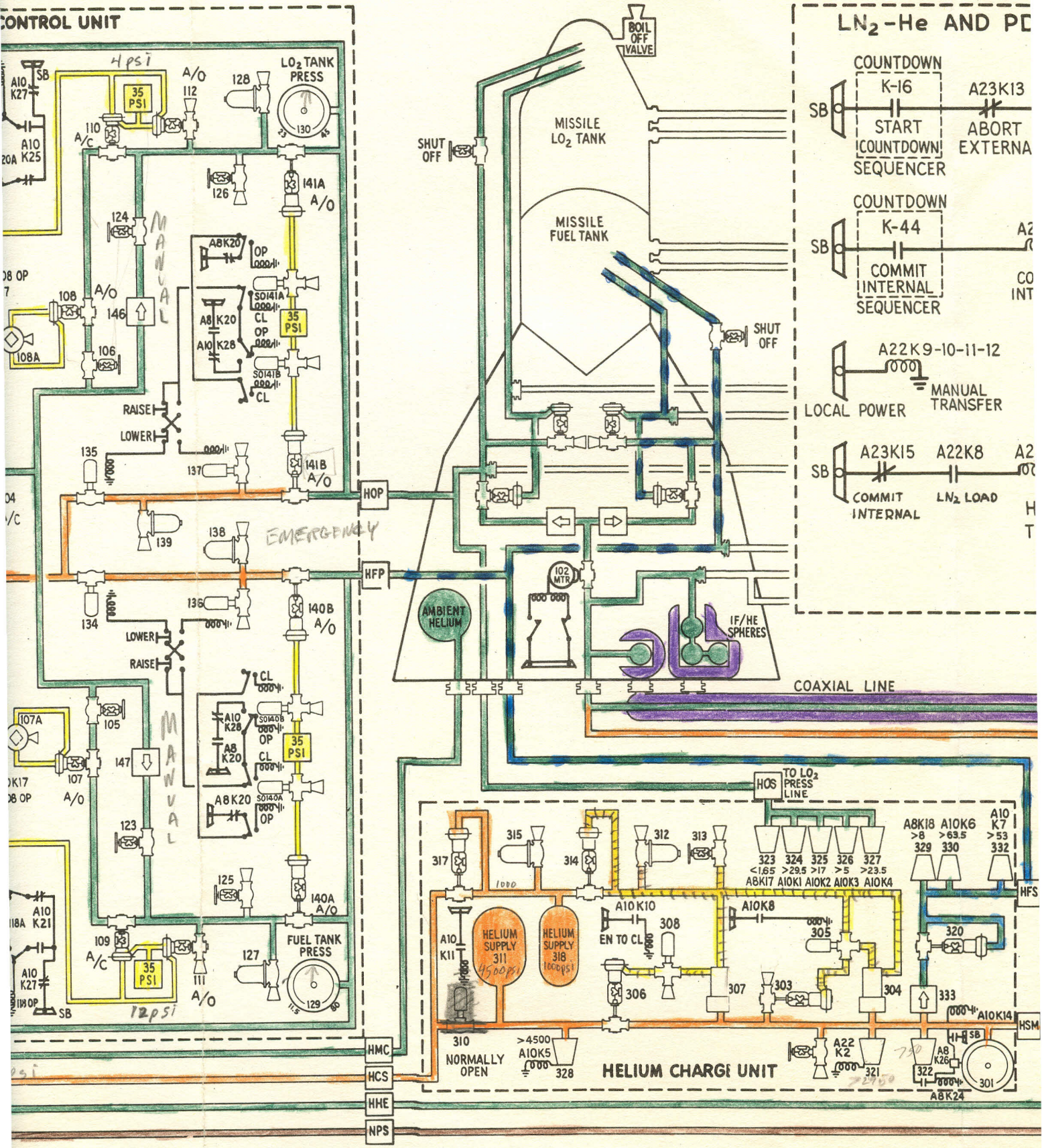
FOR INSTRUCTIONAL PURPOSES ONLY



57-12025
PT-WC-F7/S

CODE – A/O = AI





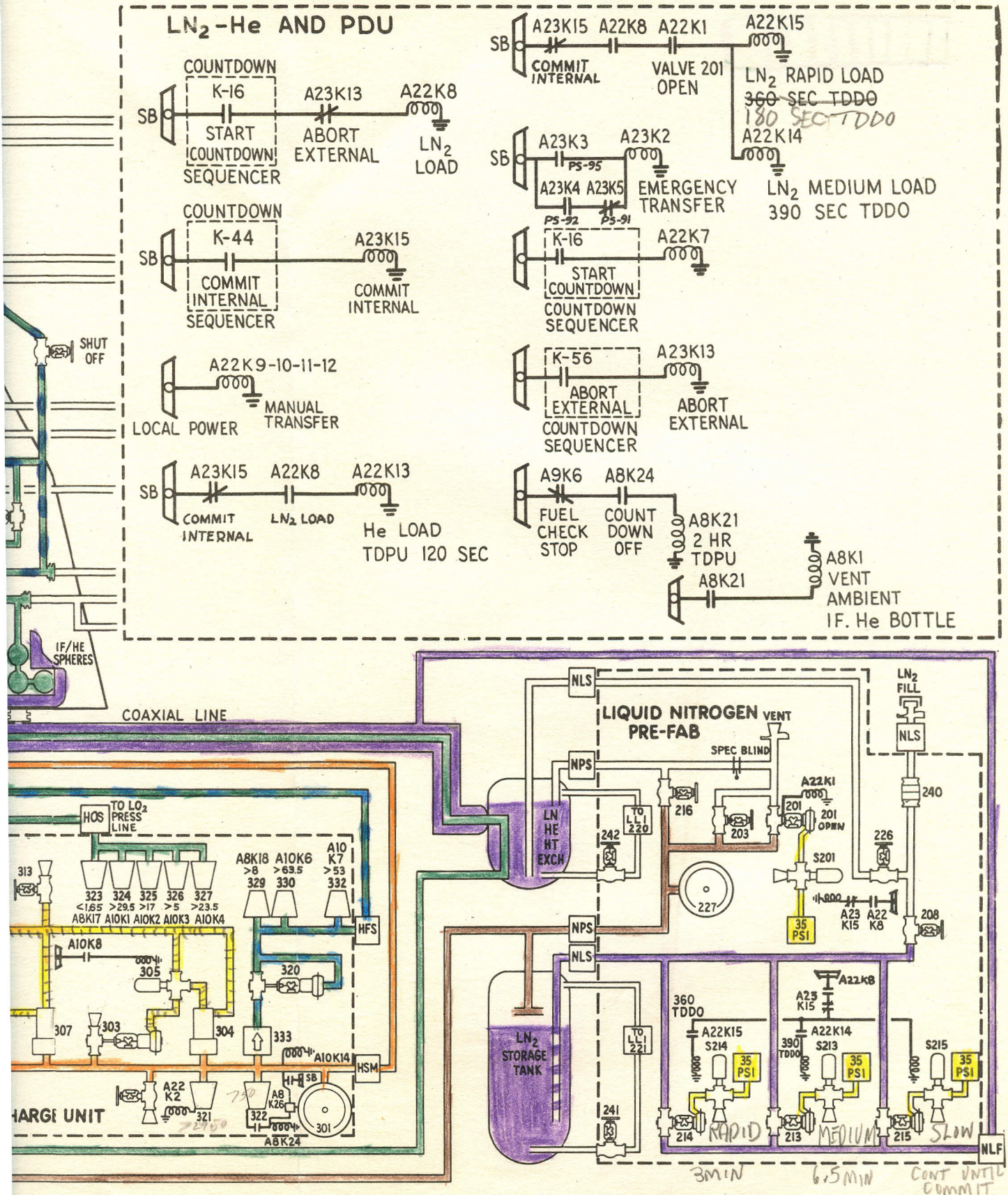
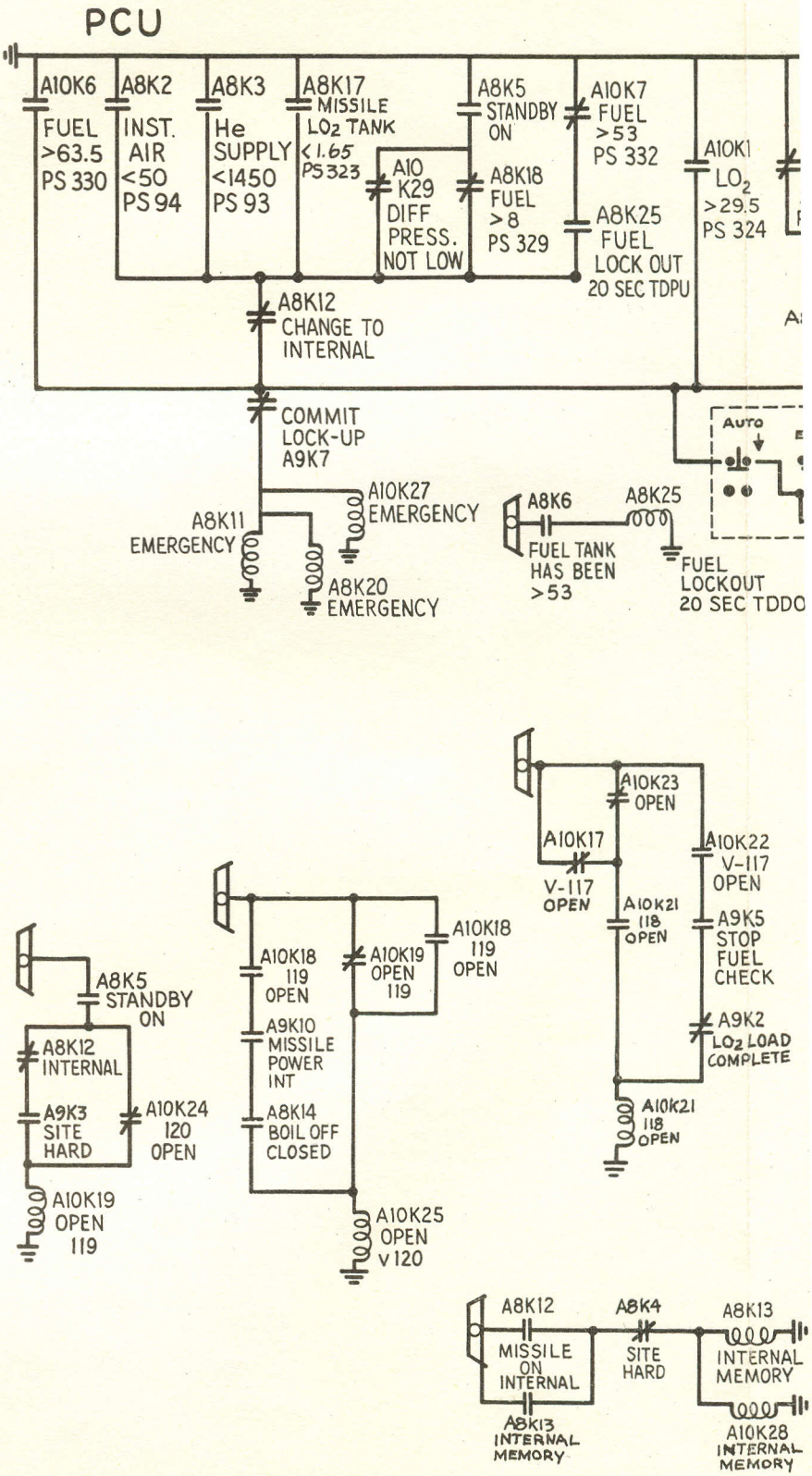


Figure 1 LN2/HE Transfer System (Silo)



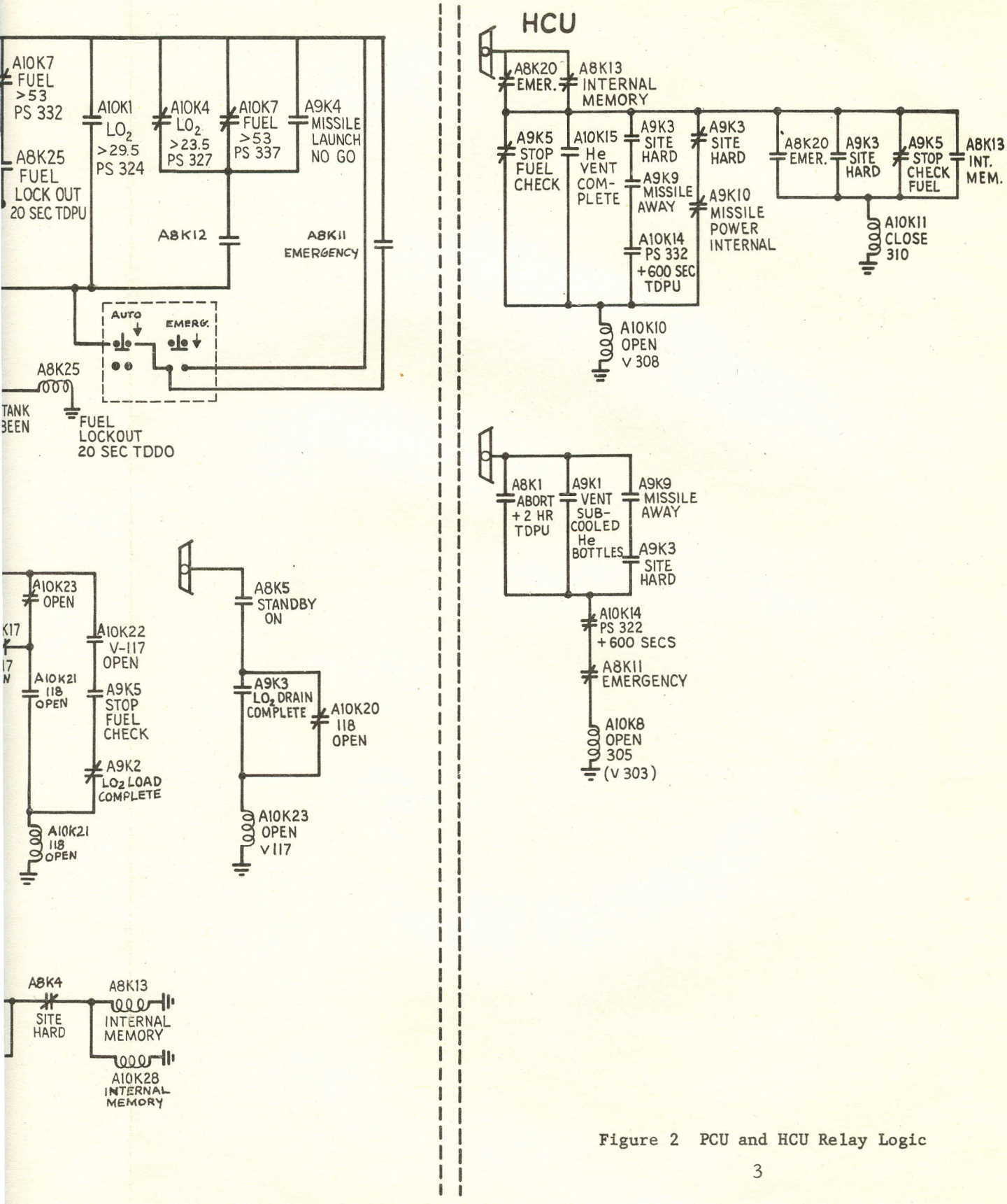


Figure 2 PCU and HCU Relay Logic