

Student Name: _____ N# _____ Date: _____

This hands-on assessment requires that each student successfully demonstrates each of these tasks to the instructor's satisfaction. There is no grade for this assessment.

Prior to taking this assessment, the student must pass (minimum of 80%) the Knowledge and Application Assessment.

The student cannot proceed to the HOA for the next module without completing this HOA.

Check	#	Skills Task
_____	1.	Identify all hardware on the AB CompactLogix hardware simulator.
_____	2.	Identify and explain all communication ports on the CompactLogix processor.
_____	3.	Configure an RS-232 driver in RSLinx and explain the info in RSWho
_____	4.	Create a new project in RSLogix5000, by configuring the I/O, and creating the alias tags in the Controller Tags settings.
_____	5.	Create a 4 rung program in a new project with the relay and timer instructions.
_____	6.	Download the project into the CompactLogix controller.
_____	7.	Explain to the instructor how the program operates.
_____	8.	Create an Ethernet driver in RSLinx, and communicate to the CompatLogix processor with the program panel.

Student Procedure:

1. Create a new project, configure I/O, create the following program.

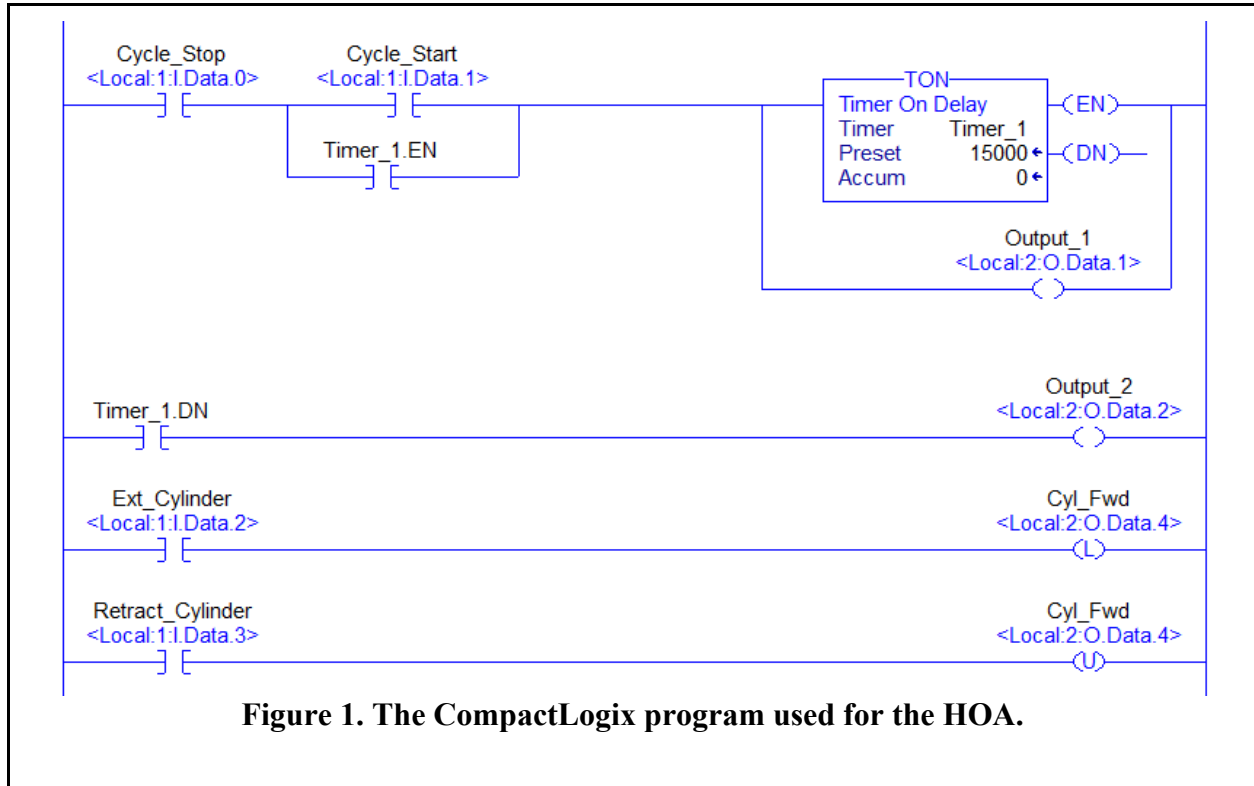


Figure 1. The CompactLogix program used for the HOA.

2. Load the project into the processor, then go online. Make sure you understand how the program works and how to access the data.
3. Have the instructor come over and answer their questions on the project.

DOL DISCLAIMER:

This product was funded by a grant awarded by the U.S. Department of Labor’s Employment and Training Administration. The product was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership.



This work is licensed under a [Creative Commons Attribution 4.0 International License](https://creativecommons.org/licenses/by/4.0/).