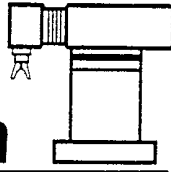


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Jewett Automation

Engineering and Design Services Robotic and Automation Systems

To: Wes Sanderson, Philip Morris, Inc.
Bill Keen, Philip Morris
Lane Kelly, Jewett Automation
Rob Scott, Jewett Automation
Richard Reich, Jewett Automation
Edwin Cutright, Jewett Automation
David Brown, Dallas Electrical

From: Eric A. Lewis

Date: January 18, 1993

Subject: Progress report/Expense update, Autosplice System

Machine assembly is complete. Initial manual tests of the web knife and the splicing cylinder have been performed and at this point are operating properly.

The electrical wiring has slipped until January 18. It is anticipated that the wiring effort will take two days. After completion of the wiring the machine will be sent to the Jewett Annex to begin the debug process.

Due to end of year accounting Jewett Automation costs are current up to Jan. 10, Dallas Electrical costs are current up to Jan. 17.

Costs to Date: Engineering.....	\$20,305.50
Fabrication.....	\$11,699.57
Purchased Items.....	\$18,023.21
Dallas Electrical.....	<u>\$7,912.59</u>
Total.....	\$57,940.87

Regards,

Eric A. Lewis
Project Engineer

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