

Date: 12-01-04
The C.A. Lawton Co.
Pattern Division
Weekly Report – Coil C1
Contract Number: SUB# S-04341-F REV 5

Administration:

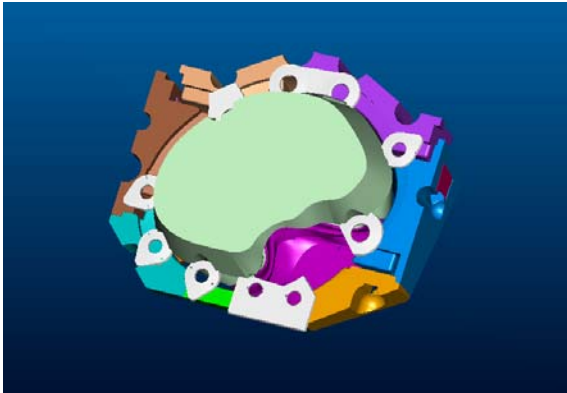
Lawton is happy to report that we are on the home stretch for completing the wood tooling for Coil C. A team meeting is scheduled on Thursday, December 2, 2004 to discuss the details of Coil C and we will be developing our action plans for Coil A and Coil B.

Representatives from Metaltek visited Lawton on November 29, 2004. During their visit, the tooling was evaluated. Lawton is addressing their minor concerns during this final week.

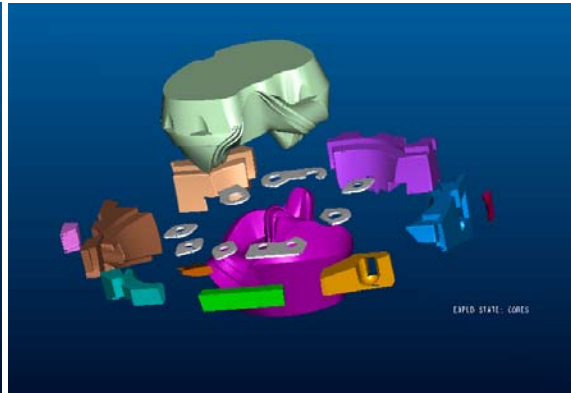
Logistics: A carrier has been booked for Monday, December 6, 2004. This will be a straight through shipment and is scheduled to arrive at Metaltek on Tuesday, December 7, 2004.

Technical:

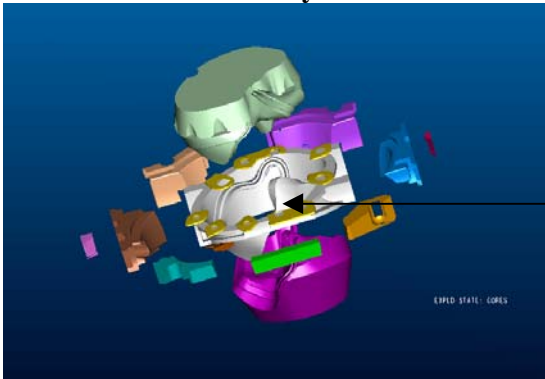
Don is happy to report that he has completed the Coil C modeling. Don started the preliminary work (adding the machine stock and creating the parting line of the center core) for Coil A. If time permits, he anticipates that he can start the modeling for Coil B until the foundry has completed their review of the Coil A solidification model.



Assembly view Coil C

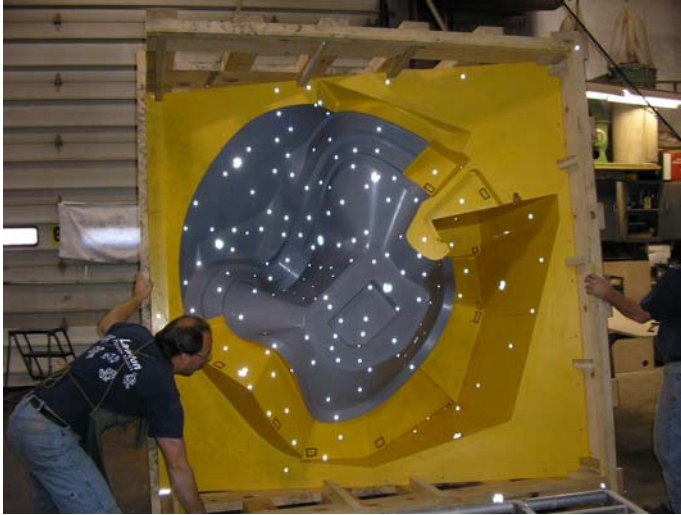


Exploded View Coil C



Exploded view with the Casting

Construction is in the final stage. Machining for the last pieces are underway and expected to be completed today. We will be completing the polodial shim box and boards, scribing chills, labeling pieces, adding trunnions, and finalizing the material handing issues.



The dots shown in the picture are the retro-reflective targets that are feeding the data points in the digitizing process.

Quality Assurance:

Dan Brzezinski from DCMA visited Lawton on Monday, November 29, 2004. Dan reviewed the inspection process, tooling lists, calibration methods and major machinery specifications.

Pulling the data points for digitizing started on Friday November 26, 2004. The components are sequenced so the nesting parts are digitized first. Scan Co. set up a web site where the data will be stored <http://www.3dscanco.com/lawton/Phase1.htm>. The web site will be populated as the data is generated. ScanCo has committed to meet our deadline.

Greg Stock will be contacting Peter Djordjevich for disposition on how to proceed with shipping. We expect to have the quality assurance data on Monday December 6, 2005. Our understanding that EIO/PPPL requires 48 hours to provide the shipping release. If so, it seems this likely will postpone the shipment until December 8, 2004.