

**Agfa Division**  
**OMNI KNOWLEDGE DATABASE**  
**FIELD SERVICE BULLETIN**  
**COMPANY CONFIDENTIAL**  
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**PRODUCT:** RAPILINE 17, 26, 26 OLP, 28, 28 OLP - LU049405 - FSB20  
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**DATE:** APRIL 27, 1994  
**SUBJECT:** NEW DEVELOPER TIME CALIBRATION PROCEDURE

In the past the procedure to calibrate the developer time required running individual sheets of material to determine the developer transport time and then to calibrate the motor control board. This calibration can now be performed using the service program mode.

**CALIBRATION PROCEDURE:**

**STEP 1. ENTER SERVICE PROGRAM**

- a. Turn off processor from the control panel.
- b. Depress the following keys in sequence: Auto, Dryer Saver, +, and Time. All three program leds should light up. If not repeat the key sequence again.
- c. To enter a three digit service code, use the program 1, 2, and 3 keys to enter the desired code. Once the code is entered the program leds will flash in sequence indicating the code selected.

**STEP 2. ADJUSTMENTS ON MOTOR CONTROL BOARD**

- a. Set ALL potentiometers on the motor control board to mid-position.
- b. Enter program 112 in service mode.
- c. The control panel should display the following line: LMB ACT60 PRE60. ACT = Actual time, feedback from motor encoder, PRE = Preset Dev time, set by the 15% and 85% keys.
- d. Adjust P204 D/A offset potentiometer on the motor control board until the actual value equals the preset value of 60 +/- 3 seconds.
- e. Depress the 15% key 4 times to decrease preset Dev.value to 20 seconds.
- f. Adjust P203 N Max until the actual value is 20 +/- 2 seconds.
- g. Depress the 15% key once more to set the preset Dev. value to 10 seconds, if the actual value does not equal 10 +/- 1, re -adjust P203 N Max potentiometer.
- h. Depress the 85% key 3 times to set the Dev. preset value to 40 seconds, if the actual value does not equal 40 +/- 2, re-adjust P204 D/A offset potentiometer.

- i. Check all speeds (10 - 60) using the 15% and 85% key to check preset values. All speeds should be within specifications previously mentioned in the steps above.
- j. When calibration is complete, depress the 50% key and then the on/off key to exit the service program.

**NOTE:** If the actual value on the control panel fluctuates randomly. Then check the following: The motor encoder may not be properly aligned, the motor brushes may need replacing, the motor may have a bad winding, or there could be a bind in one of the racks.