1. Check service information for the specifications for radial and lateral runout.

Evaluation (Enter number from 4, 3, 2, 1) :\_\_\_\_\_\_\_\_\_

Meets ASE Task: A4 – F-10 – P-2

Time on Task:\_\_\_\_\_\_\_\_\_\_\_\_\_

Make/Model/Year:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

VIN:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Tire, Wheel, Axle, and Hub Runout**

Specification for radial runout = \_\_\_\_\_\_\_\_\_ (usually less than 0.060 inch).

Specification for lateral runout = \_\_\_\_\_\_\_\_\_ (usually less than 0.045 inch).

2. Using a runout gauge, rotate the tire and record the radial runout (roundness of the tires) and the lateral runout (side-to-side movement) of the tires.

Tire Radial Runout Lateral Runout

R.F. \_\_\_\_\_\_ \_\_\_\_\_\_\_

R.R. \_\_\_\_\_\_ \_\_\_\_\_\_\_

L.F. \_\_\_\_\_\_ \_\_\_\_\_\_\_

L.R. \_\_\_\_\_\_ \_\_\_\_\_\_\_

3. Using a dial indicator, measure the axle and hub runout.

Hub runout = \_\_\_\_\_\_\_\_ OK \_\_\_\_ NOT OK \_\_\_\_

Flange runout = \_\_\_\_\_\_\_\_ OK \_\_\_\_ NOT OK \_\_\_\_

4. Based on the measurements, what needed action is needed?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 