

# Wilmington Propeller Service, Inc.

## Balance Report

Report ID: 1609610501103

Job Order:

Date: April 6, 2016

Operator: LUIS

Designed Operating Speed: 1200RPM

Shop Balancing Speed: 500RPM

Piece Weight: 50lb

	<u>Near Plane</u>	<u>Far Plane</u>
<u>Initial Vibration</u>	1.939 mils at 101° 0.051 in/sec at 101°	2.707 mils at 94° 0.071 in/sec at 94°
<u>Initial Unbalance</u>	20.091 gm-in	46.021 gm-in
<u>Final Vibration</u>	0.560 mils at 174° 0.015 in/sec at 174°	0.473 mils at 221° 0.012 in/sec at 221°
<u>Correction Weights</u>	2.232 grams at 9.00 in	6.574 grams at 7.00 in

<b>Overall Tolerance</b>	8.882gm-in	8.882gm-in
ISO 1940 G2.5		
17.763gm-in		
<b>Final Unbalance</b>	2.982gm-in	6.576gm-in

BASIN (BEAR FLAG)

18 X 23 RIGHT HAND

4 BLADE DQ NI-BRAL

1 1/4" BORE #5 CUP