

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>	6.129 mils at 16° 0.160 in/sec at 16°	4.943 mils at 328° 0.129 in/sec at 328°
<u>Initial Unbalance</u>	61.124 gm-in	96.462 gm-in
<u>Final Vibration</u>	0.459 mils at 126° 0.012 in/sec at 126°	0.411 mils at 99° 0.011 in/sec at 99°
<u>Correction Weights</u>	6.792 grams at 9.00 in	13.780 grams at 7.00 in

Overall Tolerance	8.882gm-in	8.882gm-in
ISO 1940 G2.5		
17.763gm-in		
Final Unbalance	3.522gm-in	7.346gm-in

BASIN (BEAR FLAG)

18 X 23 LEFT HAND

4 BLADE DQ NI-BRAL

1 1/4" BORE #5 CUP