SH-46 Test 1 on Compressor 4.
SH-46 Test 2 on Compressor 4.
\[ \text{\( kW_{\text{ave}} = 13.58\ kW \)} \]

\[ \text{\( dB_{\text{avg}} = 97.2\ dB \)} \]

\[ \text{\( \%RH = 36.6\% \)} \]

\[ \text{\( Q_{\text{scfm}} = 59.7\ ft^3/m \)} \]

\[ \text{\( \dot{m} = 0.0339\ kg/s \)} \]

\[ \text{\( T_{\text{oil}} = 72.9^\circ\text{C} \)} \]

\[ \text{\( T_{\text{valve}} = 56.0^\circ\text{C} \)} \]

\[ \text{\( T_{\text{exit,air}} = 31.4^\circ\text{C} \)} \]

\[ \text{\( T_{\text{amb}} = 25.9^\circ\text{C} \)} \]

\[ \text{\( P_{\text{air,\text{out}}} = 79.20\ \text{psig} \)} \]

\[ \text{\( P_{\text{atm}} = 14.40\ \text{psig} \)} \]

**SH-46 Test 3 on Compressor 4-without temperature regulation.**
SH-46 Test 4 on Compressor 4—without temperature regulation.