ESTIMATED PERFORMANCE GUIDELINES

The following performance guidelines are based on test conditions outlined under "A/C System Operational Check for Evans Midway and High Performance Systems". Variables such as engine speed, condenser airflow, sun load, blower motor speed, and chassis voltage will all affect A/C system performance.

Air Temperature (F) Entering A/C Unit	Inlet - Outlet Air Temperature Differential**	
FRESH OR RECIRCULATED	**LOW HUMIDITY**	**HIGH HUMIDITY**
50	5-10	5-10
60	10-20	10-15
70	20-25	15-20
80	25-30	20-25
90	25-35	20-30
100	30-35	25-30
110	35-40	30-35

** The outlet louver closest to the A/C unit usually discharges the coldest air. The warmest inlet air temperature (fresh or recirculated) should also be used for the Differential calculation.

A/C System Operating Pressures

Ambient Air Temp (F) Entering Condenser	Suction Pressure (PSIG) @ Evaporator Outlet	Discharge Pressure (PSIG) @ Compressor Outlet
50	5-15	75-125
60	5-15	100-150
70	10-20	125-175
80	10-20	150-225
90	15-25	175-250
100	15-25	200-275
110	15-30	225-325