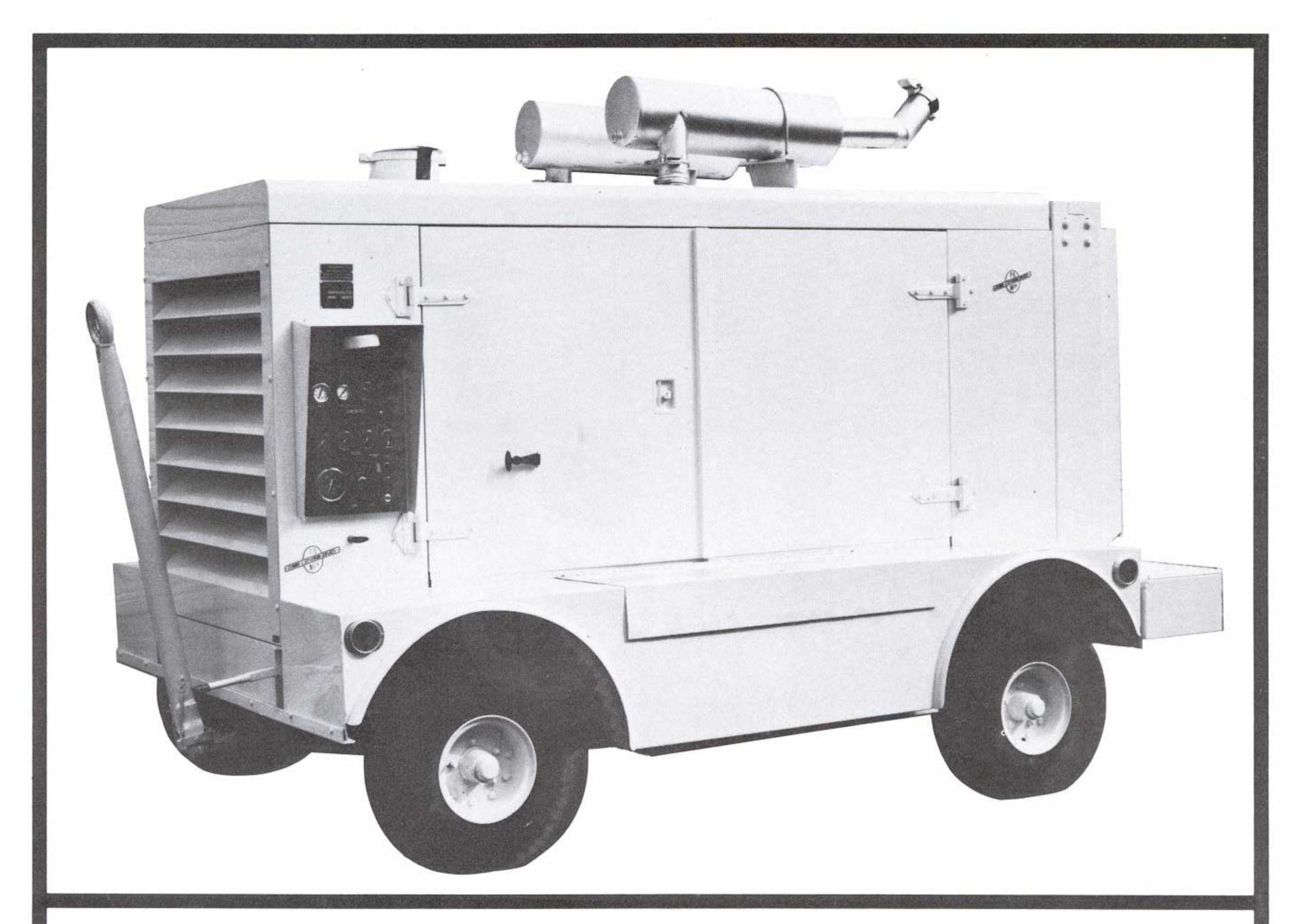
# AIRCRAFT AIR START SYSTEMS





Stewart & Stevenson Services, Inc. manufactures a wide range of aircraft ground support equipment including trailer mounted, truck mounted, or self-propelled Diesel powered air start systems.

The unit pictured is the standard trailer mounted unit designed for 120 ppm to 135 ppm duty with an eight (8) hour full load running time.

Stewart & Stevenson also manufactures aircraft tug/tow vehicles, and 400 cycle ground power systems.

# **Specifications**

## ENGINE:

Manufacturer Detroit Diesel Type Full Diesel, Series V-71 Number of Cylinders Eight (8) Bore 4-1/4 Inches Stroke 5 Inches Displacement (Effective) 1136 Cubic Inches Speed (Rated) 1900 RPM Compression Ratio 19 to 1 Firing Order 1L-3R-3L-4R-4L-2R-2L-1R Number of Main Bearings Five (5) Governor Woodward (Hydraulic) 24 Volt Electrical System

### SAFETY SHUTDOWNS

Engine Overspeed

Engine High Water Temperature

Engine Low Oil Pressure

Compressor Air Discharge

Over Temp

2500 RPM

212 Degrees F

10 PSI

460 Degrees F

### AIR COMPRESSOR:

**PSIG** 

Manufacturer

Model

Output at 60 Degrees F:

14.7 PSIA

Lbs. of Air/Minute

Atlas-Copco
ZA-4

135

40 Max.