

APPLICATIONS

July, 1997 volume 4

SIC CODE 458

AVGAS, AVIATION FUELING

The aviation industry continues to grow and expand. From the smallest airstrip to the largest international airport, all planes require fuel. This can range from fueling a 2-seater Cessna with an FM approved 210A HAND PUMP to refueling a Boeing 777.

With the strainers, filter-separators, meters and long pipe hose lengths required, you will often encounter relatively high working pressures. It is not unusual to find a requirement of 60-125 PSI. Aviation fuels typically contain very light (high vapor pressures) additives that require special attention when applying

our pump equipment. The intake conditions of the system MUST be carefully reviewed to insure the suction pressure does not result in cavitation. If in question, contact the Blackmer Application Specialists.

Blackmer models X, GX, MLX, or HLX will provide the long life and excellent service our customers have come to expect from Blackmer. With flow ranges from 5 to 2,000 GPM, loading trucks for transfer to tank farms, off-loading the trucks and transferring fuel to the airport's hydrant system are all typical applications for Blackmer pumps. With extremely low maintenance

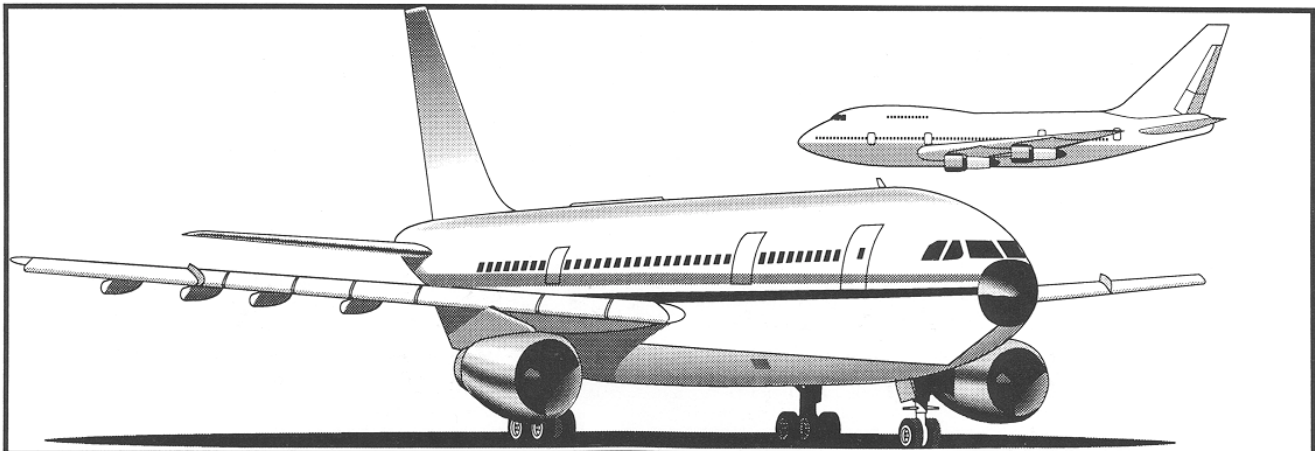
requirements we are preferred by many original equipment manufacturers who design cabinet or skid-mounted packages.

Competition

- Gear pumps
- Lobe pumps
- Centrifugal pumps

Glossary

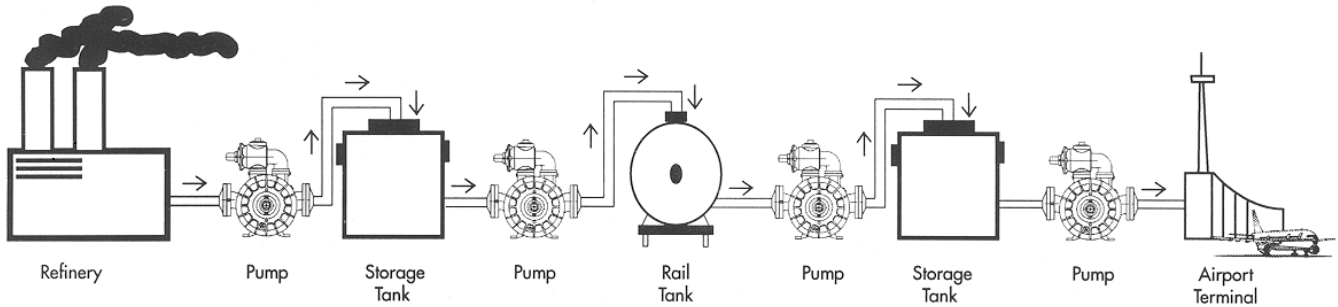
- **VAPOR PRESSURE** - the pressure, relative to atmosphere (14.7 psi) at which a product will turn to vapor.
- **HYDRANT** - the piping system around an air terminal used to provide fuel for aircraft.



CHECKLIST

1. SUCTION CONDITIONS
 - A. Life
 - B. Valves, elbow, pipe friction loss, strainers
2. FLOW RATE REQUIRED
3. DUTY CYCLE

AVIATION



SIC CODES



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