

APPLICATION

# PERSONNEL CARRIER

MODEL NO.

## A-64 SERIES

DRAWING NO.

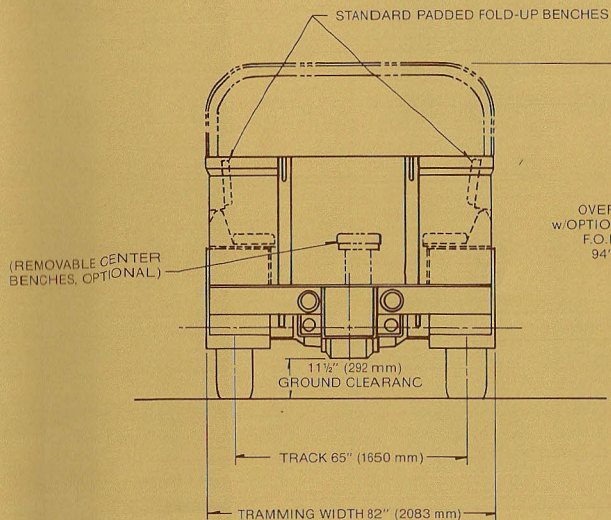
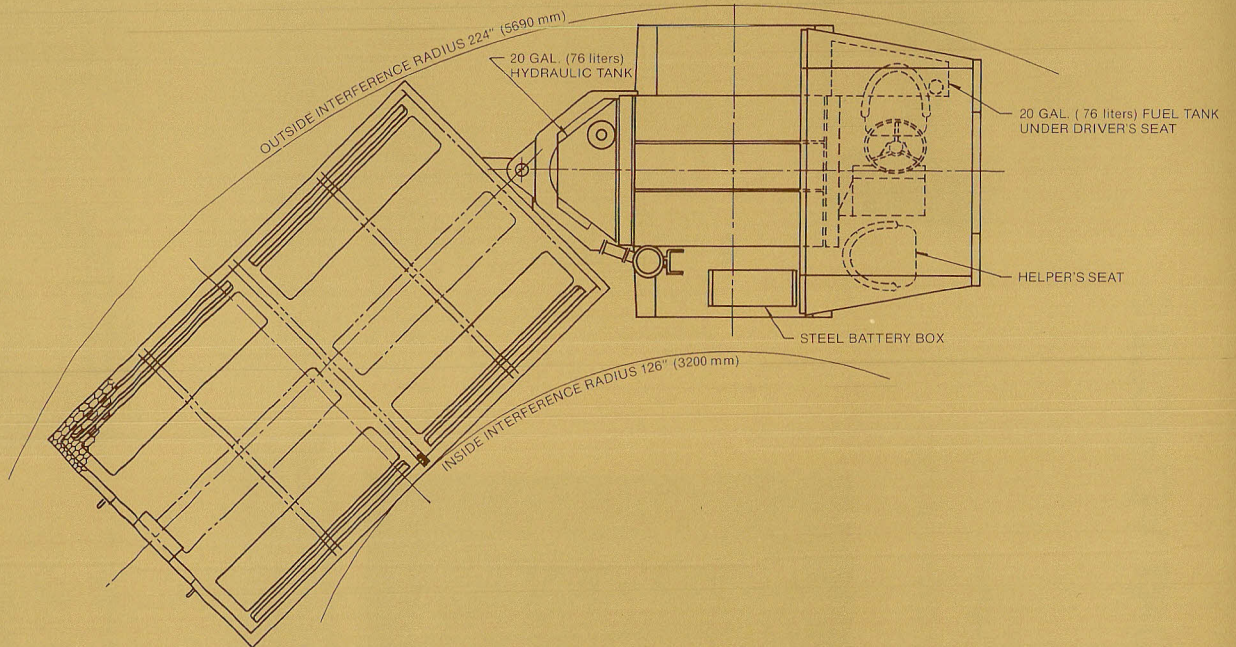
## AD-1487



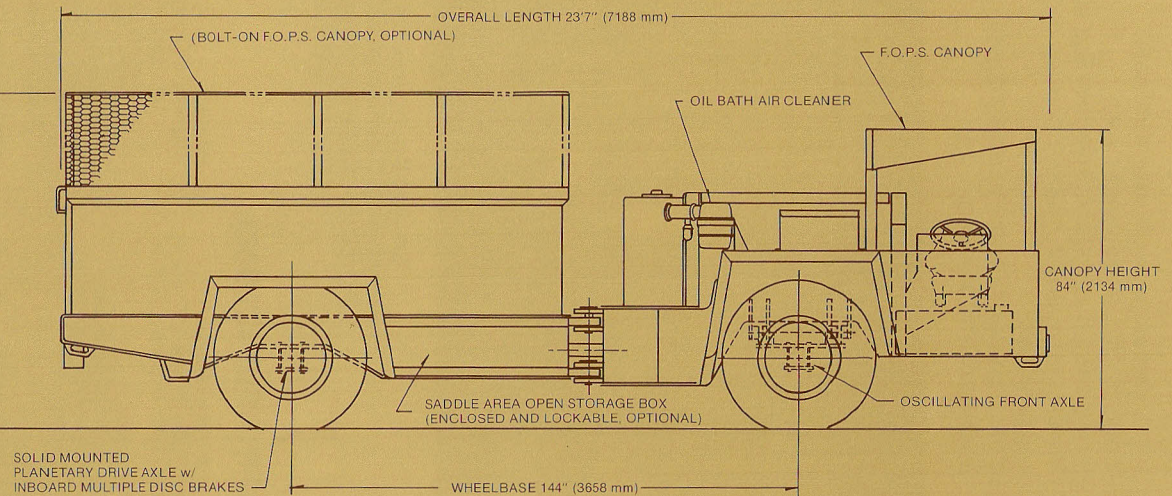
BANGOR, MICHIGAN, U.S.A.

NOTES:

1. EMPTY VEHICLE WEIGHT 17,800 LBS. (8074 kg)
2. STANDARD CAPACITY 16 PASSENGERS  
OPTIONAL CAPACITY 24 PASSENGERS

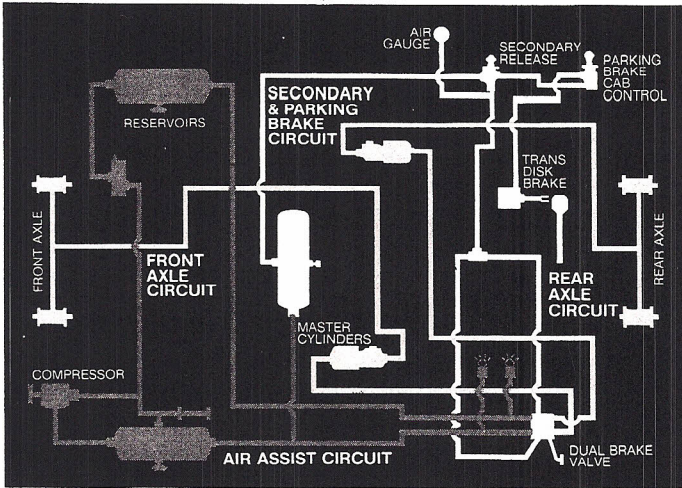
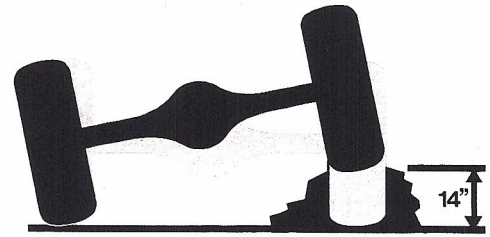


OVERALL HEIGHT w/OPTIONAL PASSENGER F.O.P.S. CANOPY 94" (2388 mm)

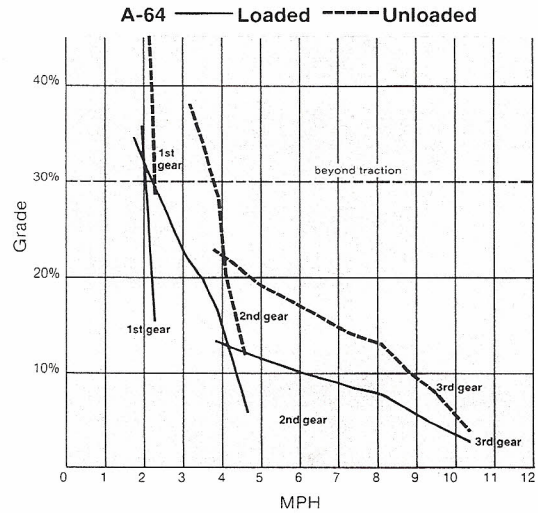


# PRODUCTION SUPPORT VEHICLES

- Dual independent, air over hydraulic
- Separate circuitry for each axle
- Spring set, air released driveline disc brake
- Driveline disc automatically applies through air pressure loss
- Dash mounted control to apply driveline disc for use as secondary and parking brake



\* Gradeability figures are based on sea level operation at maximum governed engine speed, 3% rolling resistance, 80% driveline efficiency, 21,500 lbs. GVW, and 10.00 x 20 tires.



## SPECIFICATIONS

### FLUID CAPACITIES

Fuel Tank: 27 gals. (103 liters)  
Hydraulic: 15½ gals. (59 liters)

### DRIVELINES

Rockwell 72N Series with  
Rockwell Roll-Ball Center  
Driveline

### ENGINE

Deutz F6L-912W  
82 h.p. @ 2300 rpm  
Oil Bath Air Cleaner  
M.S.H.A. Certified Ventilation  
Req: 7500 CFM. (212 cu.m./min.)

### TRANSMISSION

Clark 18000 Series Powershift  
Three Speed, Full Reversing

### AXLES

Ford Internal Planetary Drive  
Front: Oscillating Cradle  
Mounted (±10°)  
Rear: Rigid Mounted  
Load Rating: 5 Tons

### TIRES

Size: 10.00 x 20 — 14 P.R.  
Tread: Hard Rock

Available Locally From:

### BRAKES

System: Dual Independent Air  
Over Hydraulic  
Type: Inboard Wet Disc  
Braking Area: 448 in.<sup>2</sup> (948 mm<sup>2</sup>)  
Parking Brake:  
System — Spring Set, Air  
Release  
Type — Driveline Disc

### STEERING SYSTEM

Type: Full Hydraulic Power  
Frame Articulation:  
90° (45° each side of center)  
Cylinders: Two Double Acting  
Pump: Gear Type  
Control: Steering Wheel  
Actuation: Orbital Valve

### ELECTRICAL SYSTEM

Alternator: 12V, 42 Amp  
Battery: 12V, 180 Amp Hr.  
Sealed Beam Lights: 12V,  
4 — 2 each end  
Starter: 12V Electric  
Battery Isolation Switch

### INSTRUMENTATION

Tachometer/Hourmeter  
Engine Oil Pressure Gauge  
Engine Temperature Gauge  
Ammeter  
Fuel Level Gauge  
Air Pressure Gauge  
Low Air Pressure Brake Warning  
Light  
Preheat Indicator

### OPERATOR'S COMPARTMENT

Bi-Directional Adjustable  
Operator's Seat  
Wrap Around Driver and  
Passenger Protection

### GENERAL OPTIONS

Exhaust Conditioners  
Ten Ton Load Rating  
F.O.P.S. Canopy  
R.O.P.S. Canopy Certified  
To SAE 1040/CSA BG52  
Fully Hydraulic Brakes  
Dry Type Air Cleaners  
Deutz Altitude Compensation  
Kit (Turbocharger)

### GENERAL OPTIONS, (continued)

Fire Suppression System  
Torsion Bar Operator Seat  
Helper Seat  
Accumulator Type  
Emergency Steering  
Fire Resistant Fluid  
Capability  
Automatic Shutdown System  
Air Powered Hydraulics

See Price List For Additional Options

### ENGINE OPTIONS

Caterpillar 3304 PCNA (100 h.p.)

### TIRE OPTIONS

15.5 x 20 — 20 P.R.  
10.00 x 20 Radials  
12.00 x 20 — 16 P.R.

Specifications subject to change  
without notice.



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