



INTERNATIONAL  
AUTOMATED  
SYSTEMS



**ALUMMC**

Aviation Light Utility Mobile  
Maintenance Cart



## ALUMMC

### Features:

#### Engine Specifications

Make ..... 3TNV70  
 Type ..... Diesel  
 Displacement ..... 854 cc  
 Cylinders ..... 3  
 Oil Filter ..... Spin On Filter  
 Air Cleaner ..... Dual Element, Replaceable  
 Cooling ..... Liquid

#### Drive Train

Type ..... Continuously Variable Transmission  
 (CVT) with Clutch Enclosure  
 Gear Ranges ..... Forward HI and LO - Neutral - Reverse  
 Travel Speeds:  
 Forward HI ..... 40 km/h (25 mph)  
 Forward LO ..... 11.3 km/h (7 mph)  
 Reverse ..... 16.1 km/h (10 mph)

#### Electrical System

Type ..... 12 Volt  
 Battery Size ..... 480 Cold Cranking Amps @ -18° C (0° F)  
 Alternator ..... 55 Amp

#### Fuel System

Fuel Filter ..... Replaceable Element  
 Fuel ..... Diesel

#### Fluid Capacities

Fuel Tank ..... 26.5 L (7.0 gal)  
 Crankcase (with filter) ..... 1.7 L (1.8 qt)  
 4WD Front Differential ..... 0.59 L (19.6 oz)  
 Transaxle ..... 3.8 L (4.0 qt)  
 Cooling System (including recovery tank) ..... 5.0 L (5.2 qt)  
 Brake ..... 237 ML (8 oz)

#### Steering and Brakes

Steering ..... Rack and Pinion  
 Brakes ..... Hydraulic Disc

#### Tires

NOTE: Tire load conditions are not to exceed Gross Vehicle Weight Rating (GVWR).

#### Front and Rear Tires

Maxxis Bighorn 2.0 ..... 26x10-12  
 Load Capacity ..... 427 kg (1041 lb.)  
 Inflation Pressure ..... 165 kPa (24 psi)

#### Dimensions

Width (overall) ..... 1575 mm (62 in.)  
 Length (with bumper) ..... 3048 mm (120 in.)  
 Height ..... 1911 mm (75.0 in.)  
 Ground Clearance ..... 279 mm (11.0 in.)

#### Hitch

Front ..... Standard 2 in Receiver  
 Rear ..... Standard 2 in Receiver

#### Cargo Bed

Material ..... Aluminum  
 Width (overall) ..... 1422 mm (56 in.)  
 Length (with lift/tie down provisions) ..... 1194 mm (47 in.)  
 Height ..... 102 mm (4.0 in.)  
 Weight (Bed, cargo tie downs, lift/tie down provision) ..... 75 kg (165 lbs)

#### Weights and Capacities

Weight (Empty vehicle with full fluids) ..... 936 kg (2063 lb.)  
 Gross Vehicle Weight Rating (GVWR) ..... 1517 kg (3344 lb.)  
 Payload Capacity ..... 635 kg (1400 lb.)  
 Cargo Bed Capacity (Not to exceed GVWR) ..... 454 kg (1000 lb.)  
 Towing Capacity (Not to exceed GVWR) ..... 907 kg (2000 lb.)

#### Recommended Lubricants

Engine Oil ..... Amsoil SAE SW-30 Synthetic Motor Oil  
 Grease ..... Multi-Purpose HD Lithium Complex Grease  
 Transmission Oil (Transaxle) ..... Amsoil SAE 5W-30  
 Synthetic Tractor Hydraulic Transmission Oil  
 Transmission Oil (4WD Front Differential) ..... Amsoil SAE  
 5W-30 Synthetic Tractor Hydraulic Transmission Oil

The ALUMMC is a Program of Record with the Army PM AGSE.  
 NSN 1740-01-632-9476

(Tested to meet or exceed MIL-STD209K. Configured with MIL-STD209K cargo tie downs and lift and tie down provisions.)

Warranty 24 months or 2,000 hours

4325 Pheasant Ridge Drive, STE 603  
 Blaine, MN 55449  
 T: 763.717.9066  
 F: 763.717.9068  
 ias@iasmn.com  
 www.iasmn.com

CAGE Code: 0B3A9 DUNS: 175362375

For additional information please contact Mitch Fincher at:  
 919-744-7355 or mitch@iasmn.com

