

GMC ASTRO & AERO ASTRO

WITH ADVANCED AERODYNAMIC TECHNOLOGY



TOUGH QUALITY TRUCKS WITH VALUE SINCE 1902

GM



Shown with available equipment.

GMC AERO ASTRO

ADVANCED AERODYNAMIC TECHNOLOGY



Aero Astro with "tag top" trailer



Aero Astro with transfer trailer



Aero Astro with livestock trailer



Aero Astro with furniture trailer



Aero Astro with van trailer

CONTROL OPERATING COSTS!

Truck drivers, operators, owners, accountants, engineers and government sound the cry to "control operating costs"—some for different reasons than others, but it generally comes down to the bottom line . . . profit or loss.

The GMC Aero Astro option was designed to help control operating costs by reducing air drag when pulling high-volume trailers at highway speeds. At 55 MPH approximately 70% of the engine's horsepower is utilized to overcome air resistance.

The GMC Aero Astro embodies the most advanced aerodynamics technology from General Motors research facilities.

To move the air over and also to the sides of a large frontal area trailer requires a wide, long dragfoiler that is adaptable to different trailer heights. The Aero-Astro Dragfoiler is seven feet wide and eight feet long to move the air at highway speeds up and over and to the sides of large frontal area trailers. The accordion-fold adjustable urethane sides permit raising or lowering to accommodate different trailer heights and different types of trailers. The Dragfoiler can be completely lowered when operating "Bobtail". To help permit a smooth continuity of air flow along the sides of the cab, between the cab and trailer and along the trailer sides, large fiberglass foiler panels are utilized.

A new front end cab and bumper design with air dam is utilized to help smooth the flow of air up and also to the sides.

The smooth aerodynamically styled grille with large intake capacity provides ample cooling capacity and directs most surplus air along the smooth contours of the front and sides to the rear. To complement this advanced styling, new rectangular headlamps have been incorporated.

The new aluminum bumper has urethane end caps and a urethane air dam to reduce air turbulence in front of the vehicle.

To further reduce air drag, a urethane cab skirt is also available.

The total Aero Astro advanced aerodynamic technology package is available in solid White with a Black chassis and Silver steel disc wheels. Black bandits mask is available. See Pages 6 through 24 for additional information on components and equipment.

To complement the Astro and Aero Astro efficiency we included this impressive list of fuel-efficient components as standard.

1. 6V-92TA high-torque diesel engine
2. 8-blade fluid drive fan
3. 7-speed Spicer SST-1372A transmission
4. 3.70 to 1 rear axle ratio
5. Steel-belted radial tires
6. Aluminum cab
7. Steel-disc wheels
8. Fiberglass doors weigh less than steel

For complete details on the Aero Astro aerodynamic system, please see your GMC dealer.



EASY TO MAINTAIN

GMC designers and engineers recognize how important it is to keep trucks running and earning, because downtime costs money—more now than ever before. They worked hard to make Astro fast to service and easy to maintain. To help control required maintenance intervals, here are some of the things they've done:

CIRCUIT BREAKERS

To help improve electrical system reliability, we provided individual circuit breakers in all circuits, including headlamps. These individual circuit breakers work in conjunction with the instrument-panel-mounted master circuit breaker to help protect the system against overloads.

BACK-OF-CAB BATTERY BOX

The back-of-cab battery box is high-strength, lightweight, and corrosion-resistant polyethylene—securely mounted to the frame on rubber cushions. Frees up space on frame rails for extra fuel tanks when required. High-power Delco 1110 Series batteries are standard. Batteries are maintenance-free type—never need refilling. New standard battery box is located under the cab and accessible for service. Incorporates a new built-in low step.

CAB LOCKS

A double cab lock system—mechanical and hydraulic—holds the cab in the down position. Extreme rearward position of the cab locks helps reduce cab pitch for a comfortable ride. Rear cab mounts on sleeper

models and cab tilt mechanism are new, lightweight designs.

CAB TILT CYLINDER

Hydraulic tilt cylinder operates by hand pump to tilt the cab.

HYDRAULIC PUMP FOR TILTING

One man can easily tilt the cab using the hydraulic pump mounted on the frame. There are no systems to disconnect—simply unlock the cab and tilt. A two-way control valve is used.

DELCOTRON GENERATOR

Astro's big Delcotron generator has a built-in solid-state voltage regulator. 75-amp. version is standard. 90-amp. model is available.



Circuit breakers



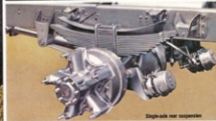
70 amp. master circuit breaker



Delcotron generator



Hydraulic pump with suitable equipment



Single-axle rear suspension

GMC ASTRO

NEW AIR JUNCTION MANIFOLD

New aluminum manifold air junction is located in the cab floor for ease of service. It eliminates copper plumbing and utilizes "push-in" installation of nylon tubing.

RUGGED DOOR DESIGN

Astro doors are fiberglass reinforced plastic—lightweight, corrosion resistant and tough. Doors are hung on strong stainless steel piano hinges. Also included are tough locks and latches and reliable tape drive window regulators.

NEW INSTRUMENTS

New 2-inch instruments have a high contrast readout with Black background and White numerals or letters. Instruments can be serviced from the front by removing the individual panels.

FRONT ACCESS DOOR

Front access door allows fast checking and servicing of coolant and oil levels. The radiator sight glass permits quick coolant checks.

AVAILABLE DISC BRAKES

Front and rear disc brakes are available as a Special Equipment Order. Ask your GMC dealer for details.

SINGLE-AXLE MODELS

The standard single rear axle is an Eaton 23121 single-speed rated at 23,000 lbs. Single-axle models feature a new Vari-Rate suspension system that automatically adjusts to load conditions. New suspension is lighter in weight. Provides support for load when needed and a soft ride when empty. Standard radius leaf helps control driving

and braking loads. Auxiliary rear springs are available.

NEW GM SUSPENSION FOR TANDEMS

Standard rear suspension features impressive riding characteristics and light weight. This 34,000-lb.-capacity suspension utilizes separate taper-leaf springs for each wheel. The forward and rearward pair of springs are connected by equalizing beams which permit interaxle articulation. Each axle has standard torque rod to help control driving and braking forces. Available with 40,000-lb. capacity. A full range of Reyco or Hendrickson suspensions is also available. Capacities range from 34,000 to 44,000-lbs., depending on the model. Standard tandem rear axle is the 34,000 lb. Rockwell SL 100.



Back view battery box with Freedom batteries



Coolant



Coil spring



Rear axle



Wiring block



Service instruments is easy



Front



Large rear drum brakes



Available 100 disc brakes



New GM 34,000 lb. tandem leaf suspension

AVAILABLE ACCESSORIES FOR



There is a selection of equipment available to improve efficiency, enhance the appearance of the Astro and add to driving convenience. Some of the items available are shown above. These include:

- Aero Astro package consisting of the Dragfoiler, side foil panels, recessed running lights, new wraparound grille, rectangular headlamps, bumper with urethane end caps and air dam.
- Cab skirt with stainless steel stirrup steps. Serrated foot holes provide a footing when climbing into the cab.
- A selection of roof-mounted air horns is available. Snowshields can be added.
- Ammeter and full complement of gauges are available. Space is provided on the driver's console for installation.
- Polished-aluminum disc wheels look great on an Astro. They're available for front and rear axles.
- Aluminum fuel tanks save weight and look great, too. Select single or dual tanks with capacities ranging up to 300 gallons. Fuel tank dress-up package includes chrome straps and caps.
- A full-width, chrome-plated steel bumper is available in place of the standard aluminum bumper with urethane end caps. (Not avail-

able with Aero Astro package.)

- Perlux and CIBIE auxiliary road lamps are available. Both types mount below the front bumper.

- Mudflaps mount on hangers behind rear axle, carry GMC logo.
- Windshield exterior sunshade is a driver convenience as well as a dress-up feature. Fiberglass sunshade is painted body color.
- Other available Astro equipment is shown:

AIR CONDITIONING

Air conditioning is integrated with heating system for convenient temperature control. Multiple air outlets help provide year-round comfort. Cycling clutch on air conditioning compressor helps save horsepower. Separate air conditioning is available for the sleeper compartment with separate controls.

RADIOS

A complete selection of radios is available including AM, AM/FM, AM/FM Stereo and AM/FM stereo with 8-track tape player. Units are mounted in a convenient overhead module within easy reach of driver and passenger.

MIRRORS

The wide selection of available mirrors includes West Coast types with clearance lights, heated mirror heads or with separate adjustable plain and convex sections.

CHROMED LUBERFINER

In addition to its practical function, a chromed Luberfiner oil filter adds to the custom look of an Astro.

BRIGHT EXHAUST

Single and dual vertical exhaust systems with chromed heat guards are available for the Astro. Chromed exhaust pipes are also available.

REAR QUARTER FENDERS

Mount in front of rear drive axle. Helps keep road debris off-of-cab. Shown in dealer installation.

POWER WINDOWS

Power windows are available for either or both windows with controls at driver win-

COMFORT AND CONVENIENCE



down. Shown is control for passenger window.

CHROMED SHIFT LEVER

A chromed shift lever adds to the classy good looks of the Astro's interior. Available with many manual transmissions.

MARKER LAMPS

West-Coast-style roof marker lamps add to the customized look of the Astro.

Ask your GMC dealer about additional equipment and accessories available for the Astro.

A WORD ABOUT ASSEMBLY, COMPONENTS AND OPTIONAL EQUIPMENT IN THESE GMC PRODUCTS

The GMC Heavy Duty Truck Series TD-9500 Astro described in this brochure is assembled at facilities of General Motors Corporation operated by the Truck & Bus Manufacturing Division. This vehicle incorporates thousands of different components produced by various divisions of General Motors and by various suppliers to General

Motors. From time to time during the manufacturing process, it may be necessary, in order to meet public demand for particular vehicles or equipment, or to meet federally mandated emissions, safety and fuel economy requirements, or for other reasons, to produce GMC products with different components or differently sourced components than initially scheduled. All such components have been approved for use in GMC products and will provide the quality performance associated with the GMC name.

With respect to extra-cost optional equipment, make certain you specify the type of equipment you desire on your vehicle when ordering it from your dealer. Some options may be unavailable when your truck is built. Your dealer receives advice regarding the current availability of options. You may ask the dealer for this information. GM also requests the dealer to advise you if an option you ordered is unavailable. We suggest that you verify that your truck includes the optional equipment you ordered, or if there are changes that they are acceptable to you.

ASTRO GLIDER



GMC COLOR

Want your new Astro to stand out in a crowd? Choose a special available customized paint treatment from GMC. Here are just 15 of over 95 factory-applied color schemes available. Choose from a wide range of special color combinations in single- and two-tone

If you have serviceable powertrain components suitable for a Heavy Duty COE, why not install them in a GMC Astro Glider? There are many advantages.

With an Astro Glider, you'll have an updated, upgraded truck with the advanced design features and shining good looks of a brand new GMC. The cost should be substantially less than that of a totally new truck, and it's likely you can have it on the road in less time that it would take to complete an extensive repair or rebuild job.

Astro Glider Kits are available in 55" BBC nonsleeper or 87" BBC sleeper versions. Each kit includes a completely trimmed cab painted in your choice of standard colors and mounted on a bolted, high-performance steel frame.

The basic Astro cab is constructed of lightweight aluminum panels welded and riveted to aluminum headers and rails for torsional strength. Doors are tough, fiberglass-reinforced plastic hung on strong piano hinges.

Visibility in the Astro is impressive. Glass area is one of the largest to be found in a truck of this type. Special attention was given to provide insulation in roof, sidewalls and floor to help control temperature and dampen noise for driver comfort.

A tilt steering column and 22" steering wheel are standard. Standard instrumentation includes speedometer, odometer, tachometer with hour meter, fuel level, coolant temperature, oil pressure, dual air pressure, brake application pressure and voltmeter. Warning buzzer and lights are included for low air, oil, and coolant level and excessive coolant temperature.

Available Astro sleeper compartments provide 85" of sleeping length... plenty of room to stretch out and relax after long hours at the wheel. Sleeper compartments are fully insulated top, side and bottom for complete comfort. Compartment walls are trimmed in pleated vinyl. Sleeper is equipped with separate heater and available air conditioning controls.

Standard Astro Glider equipment includes a 12,000-lb. front axle with oil lubricated wheel seals. S-cam air brakes and Saginaw manual steering gear. The cab is wired and plumbed to expedite your conversion. Most equipment available on complete Astros can be ordered on Glider models.

See your GMC dealer for complete details on Astro Gliders.



PSC with Yellow
87 tone



PSC with Red
34 tone



PGI with Silver
14 tone



PGI with Brown
82 tone

CAN HELP YOU SELL

combinations with decal striping as well as great-looking two-tone and tritone paint schemes. Your GMC dealer will be glad to show you the complete selection of Astro paint treatments.



P50 with Silver
14 Tritone



P50 with Blue
25 Tritone



P50 with Red
34 Tritone



P50 with Brown
82 Tritone



P50 with Yellow
87 Tritone



P50 with Silver
14 Tritone



P50 with Blue
25 Tritone



P50 with Red
34 Tritone



Aero Astro in White with available Black bandits mask and other available equipment.