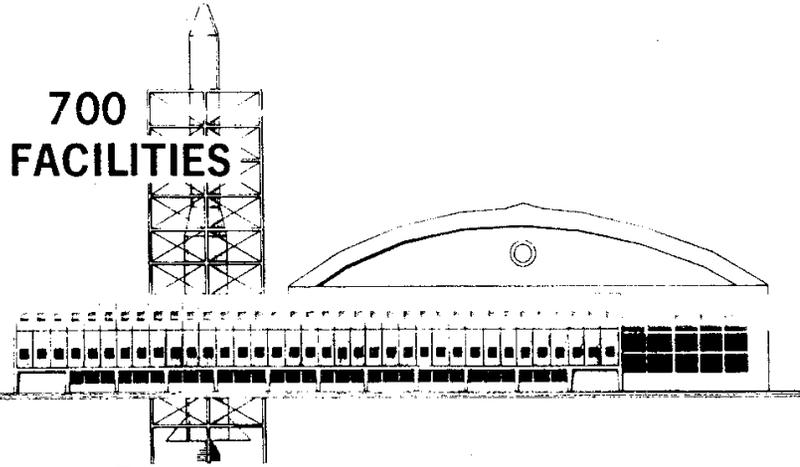


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August 1994



**700  
FACILITIES**

SPECIAL PRODUCTS

ULTRA VAN PROPOSAL

**MCDONNELL DOUGLAS ASTRONAUTICS COMPANY  
WEST**

3000 Ocean Park Boulevard, Santa Monica, California 90406 (213) 399-9311



## MDAC-W FACILITIES

## INTRODUCTION

Mr. Dave Peterson, Inventor-Designer of a Recreational Vehicle called the "Ultra Van" is looking for a manufacturer to build this Motor Home.

This vehicle is of 100% Aircraft Monocoque Fuselage Design using no steel framework like others in this field. The vehicle is 22 ft. in length, 8 ft. wide, 8 ft. high, and weighs, complete, only 3,000 lbs. This relative light weight helps the Ultra Van in obtaining 17 to 18 M/P/G, whereas its competitors' weights range from 9,000 lbs. to 15,000 lbs., in 18 ft. to 26 ft. lengths, and obtains from 6 to 10 M/P/G.

The Sales Appeal fits into a "slot" in this market that is unique and no other can approach it in comfort, eye appeal, and economy of operation. Approximately 250 of these Motor Homes have been manufactured and have realized great success among owners and a desire by dealers to represent and sell.

The present vehicle has a Corvair engine and drive train and with the production curtailment of the Corvair car by General Motors, it is necessary to install another power plant.

The Inventor/Designer has now installed an Oldsmobile Toronado Front Wheel Engine Transmission Differential into the rear as a superior replacement to the Corvair power plant.

The following proposal is directed toward the possibility that McDonnell Douglas Company consider producing the product as it is of aircraft-type construction which we could apply our experience and methods and still be most competitive to the other "monster" size and weight vehicle now on market.

Coordinated With:

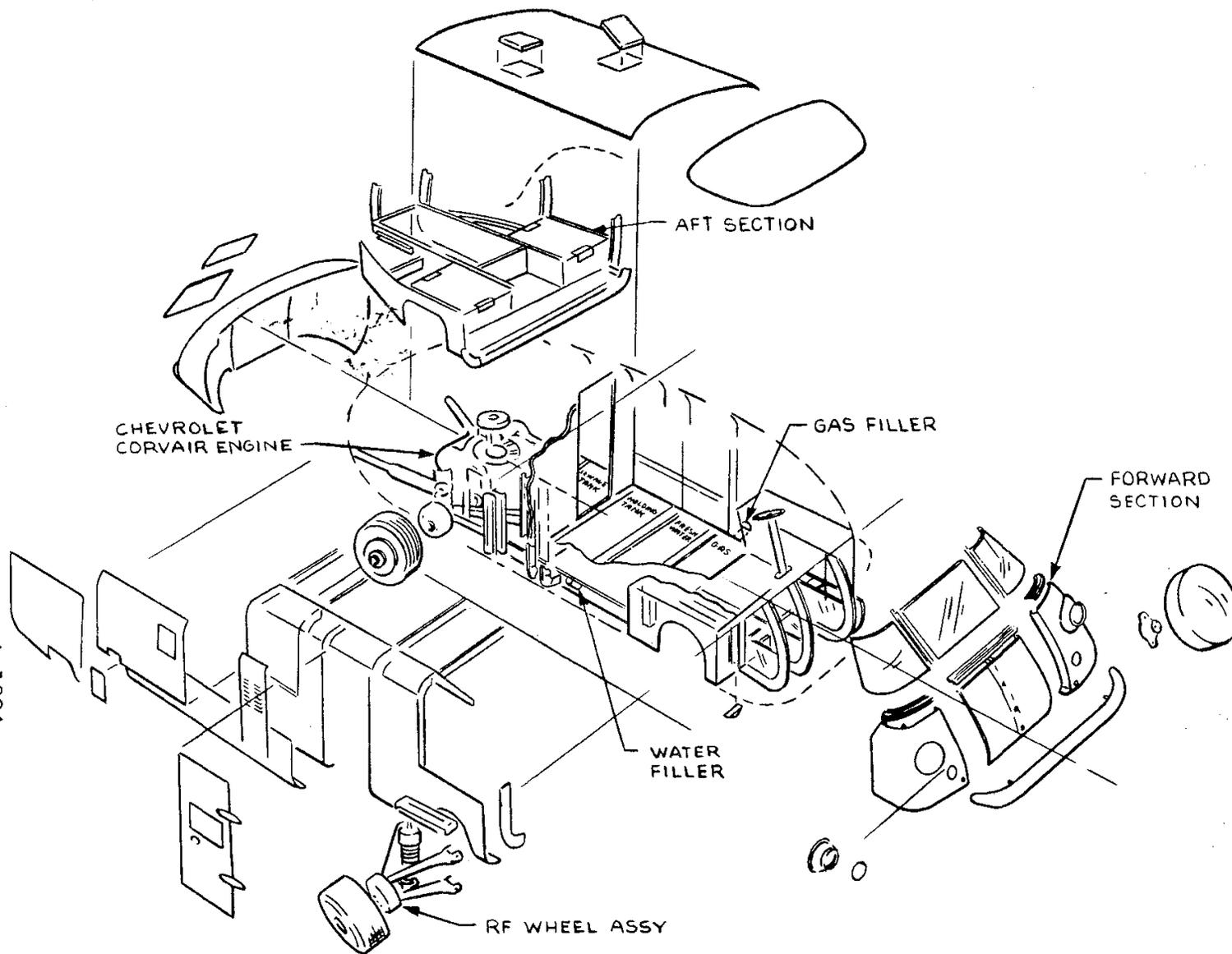
Ultra Van

Designer-Inventor:

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Prepared By:

Art Ahman - T. E. Mechem  
A-400            A-700  
X3308            X3501



PRELIMINARY ULTRA VAN SKETCH EXPLODED VIEW