

# User Manual - Military Vehicle Database

## I. App Overview

The user interface is divided into two main sections:

- The top half displays and manages military vehicle data.
- The bottom half displays and manages manufacturer information.

Each section includes a table, input fields, and buttons to add, save, or remove entries.

The screenshot shows a macOS-style window titled "Military Vehicle Database". It is divided into two main sections. The top section, labeled "Vehicle Table:", contains a table with 6 columns: Name, Manufacturer, Cost, Year Introduced, Description, and an empty column. The table lists seven vehicles: M1Abrams, Bradley Fighting Vehicle, ACV, MaxxPro, Saratoga, Humvee NXT 360, and Joint Light Tactical Vehicle. Below the table are input fields for Name, Manufacturer, Cost, Year, and Description, followed by "Add Vehicle", "Save", and "Remove Vehicle" buttons. The bottom section, labeled "Company Table:", contains a table with 5 columns: Company, Location, Product/Service, Year Founded, and an empty column. The table lists six companies: General Dynamics Land Systems, BAE Systems, Navistar Defense, Detroit Arsenal, AM General, and Magna International. Below the table are input fields for Company, Location, Product/Service, and Founded, followed by "Add Company", "Save", and "Remove Company" buttons.

Name	Manufacturer	Cost	Year Introduced	Description	
M1Abrams	General Dynamics Land Systems	10.66	1980	Main battle tank	
Bradley Fighting Vehicle	BAE Systems	4.35	1981	Infantry fighting vehicle	
ACV	BAE Systems	5.2	2020	Amphibious combat vehicle	
MaxxPro	Navistar Defense	0.73	2007	Mine-resistant vehicle	
Saratoga	Navistar Defense	0.27	2011	Light armored truck	
Humvee NXT 360	AM General	0.29	2022	Modern tactical Humvee	
Joint Light Tactical Vehicle	AM General	0.4	2020	Next-gen utility vehicle	

Name:  Manufacturer:  Cost:  Year:  Description:

Company	Location	Product/Service	Year Founded	
General Dynamics Land Systems	Sterling Heights	Armored Combat Vehicles	1952	
BAE Systems	Sterling Heights	Combat Vehicles	1899	
Navistar Defense	Madison Heights	Military Trucks	1902	
Detroit Arsenal	Warren	Research & Development	1940	
AM General	Auburn Hills	Light Tactical Vehicles	1903	
Magna International	Troy	Defense Electronics	1957	

Company:  Location:  Product/Service:  Founded:

## II. Inputting Information – Add Button

Use the labeled text fields to enter details.

- Click “Add Vehicle” or “Add Company” to submit the entry to the respective table.

## III. Saving Your Information – Save Button

Changes are not automatically saved.

- Click the “Save” button for each section to write current entries to the text file.

#### IV. Removing Information – Remove Button

To delete an entry:

1. Select the desired row in the table.
2. Click the “Remove Vehicle” or “Remove Company” button.

#### V. Field Descriptions

##### Vehicles

Field	Description
Name	Common name of the vehicle
Manufacturer	Company that produces the vehicle
Cost	Estimated unit cost (in million USD)
Year Introduced	Year the vehicle entered service
Description	Brief role description or vehicle type

##### Companies

Field	Description
Company	Full name of the manufacturer or contractor
Location	City where the company has a major facility
Product/Service	Main product or service provided
Year Founded	Year the company was established

#### VI. Text File Tip!

The application uses two plain text files to store data between sessions:

- VehicleInfo.txt
- ManufacturerInfo.txt

The files can be edited manually, but each line must follow a comma-separated value (CSV) format, using the correct number of fields per line. Caution: Incorrect formatting may cause the application to not load properly.