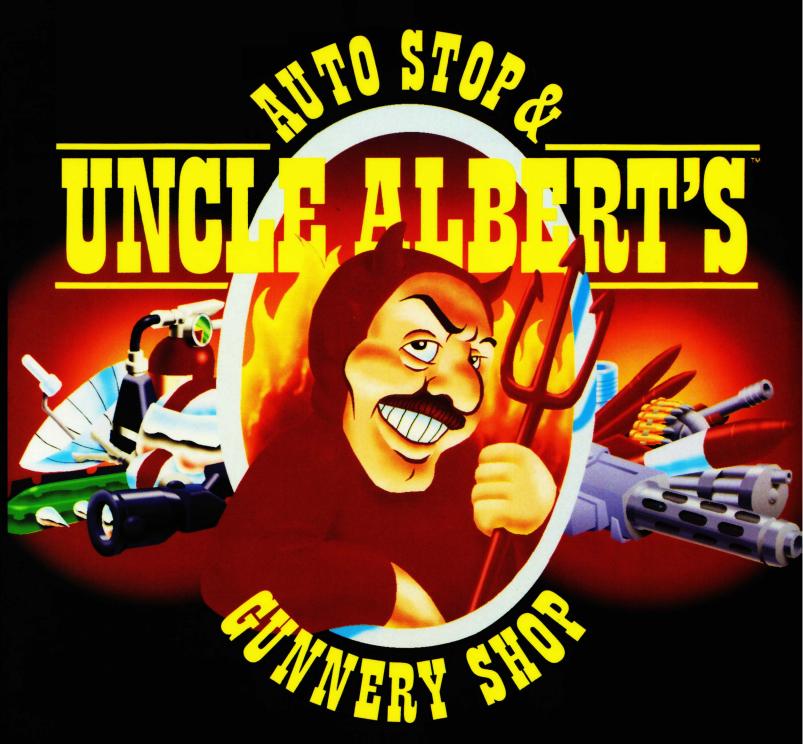
a CAR WARS supplement



CATALOG FROM HELL

STEVE JACKSON GAMES

HOT DEALS!

A complete listing of *every* weapon, ammo type and accessory available to the *Car Wars*, *Car Wars Tanks* or *Aeroduel* duellist, all under one cover? Impossible!

WRONG-O, CAMPERS!

Your old Uncle Al is back with a vengeance! This is the ultimate Uncle Al's, with the most up-to-the minute versions of hundreds of state of the art weapons and accessories — all at rock bottom prices!

Everything from the Car Wars
Compendium 2nd Edition, everything from
Boat Wars, everything from Aeroduel,
everything from Car Wars Tanks! Plus
loads of neat stuff from the earlier Uncle
Al's Catalogs and recent issues of ADQ!

But Wait — THERE'S MORE!!

- ♦ The Uncle Al Story!
- ♦ Uncle Al's Home Shopping Club!
- Al's Gals!
- ♦ Uncle Schmalbert!
- New, advanced jumping rules for Car Wars!

You can't afford to pass up this catalog! Your survival on the roads of the 2040s depends on knowing what's out there — and having the best, most modern equipment on your own vehicle!



Drive offensively . . . with Uncle Al, the Duellist's Pal!

Compiled by Craig Sheeley
Edited by Jeff Koke, Chris McCubbin and Ken Scott
Cover by Kyle Miller
Illustrated by Bruce Ink and Michael Scott





STEVE JACKSON GAMES

UNCLE ALBERT'S™

catalog from Hell



Compiled by Craig Sheeley

Edited by Jeff Koke,
Chris McCubbin and Ken Scott
Cover by Kyle Miller
Illustrated by Bruce Ink
and Michael Scott
Additional Illustrations by
Guy Burchak, Denis Loubet,
Kyle Miller, Kim Strombo
and Charlie Wiedman

Game Design by Chad Irby and Steve Jackson
Loyd Blankenship, Managing Editor
Carl Anderson, Production Manager
Interior Design and Typography
by Monica Stephens
Layout by Monica Stephens and Jeff Koke
Production by Carl Anderson and Manuel Garcia
Ruth Thompson, Staff Artist
Kerry Havas, Print Buyer

Playtesting and Useful Comments: Christopher Burke, Ben Ellinger, Todd MacDermid, Scott Mercer, Brian Morrison, Alex Rhodes and David N. Searle

Design Credits: Kurt Aldinger, Chris Allen, Aaron Allston, Dimitri Ashling, Jeff Baker, Stephen Beeman, Dan Bell, Jim Berry, Clark Breslin, Andrew Buttery, Douglas Carey, Nicholas A. Carter, Doug Chin, Jake Collins, Mark Cook, Scot Cook, Robert Critelli, Jim Davie, Chris Davis, Reed Decker, Dirck DeLint, Peter Dosik, Andy Egan, Mike Emrick, Shawn Evans, Jeffrey Field, John M. Ford, Lonnie Foster, Jim Gould, Tom Greer, Pete Hallenberg, Scott Haring, Paul Harralson, Randy Harrington, Sam Hatcher, Robert Hayden, Kenneth Heilfron, Russell Heller, Trent Hill, Benjamin Hollister, Max Hutchinson, Garrett L. Ide, Piper Jackson, Steve Jackson, Timothy D. Jacques, Robert Jellinghaus, Ken R. Jessup, Stefan Jones, N. Kaahaaina, Steve Katz, Robert Kelk, Richard Kipp, Ken Koop, Tom Krymkowski, David Ladyman, Dave Lange, William E. Lewis, Jr., Michael A. Lichon, Mark Limburg, Gareth Lowe, Lee Lytle, Chip Martin, Joe Mauloni, Norman McMullen, Scott Mercer, Andrew Metzger, Robert A. Mican, Scott Miller, Ray Morriss, Charles S. Mote, Jr., Emanuel Moutsos, John Nowak, Ryan Noyer, J. Nunes, Mike O'Shea, Charles Oines, David Plunkett, Steven James Poor, Luke Porter, Phil Radley, Alan Raisanen, Shane Ralston, Tim Ray, Peter Reed, Timothy James Riess, River City ADA, Jeff Roberts, Pat Rogers, John H. Romero, Jr., Joe Rudynski, Norman Ruge, Ronnie Ruggiero, Norman Rule, Peter Schauer, Paul A. Schrieber, Ken Scott, David N. Searle, Craig Sheeley, Neal Singletary, Warren Spector, Nicholas Spratt, Garrett Stanfield, Kevin Stein, Kent Suarez, Chris Tucker, Kohta Ueno, Allen Varney, Donald Viner, Jeff Wilder, David A. Wilson, Thomas A. Wright

Car Wars, AADA, Autoduel, Uncle Albert's and the all-seeing pyramid are registered trademarks, and the AADA logo is a trademark, of Steve Jackson Games Incorporated. All names of other products published by Steve Jackson Games Incorporated are registered trademarks or trademarks of Steve Jackson Games Incorporated, or used under license.

Uncle Al's Catalog From Hell is copyright © 1992 by Steve Jackson Games Incorporated. All rights reserved. Printed in the U.S.A.

ISBN 1-55634-220-9

1 2 3 4 5 6 7 8 9 10

STEVE JACKSON GAMES

CONTENTS

Other Dropped Weapons37

WELCOME TO UNCLE AL'S	Flaming Oil Ammo37	Automatic Target Acquisition Device 6
2041 CATALOG!4	Glow-in-the-Dark Paint37	Autopilot 6
How It All Started -	High-Temperature Ammo37	Bollix
	Hot Smoke38	Bulk Ammo Boxes
The "Uncle Albert" Story4	Ice Ammo38	Bumper Trigger 6
Recent Developments 5	Sand Ammo	Camouflage Netting
New! New! New! 6	Proximity Fuses38	Car-Top Carrier6
Using This Catalog6		Compact Television
The Uncle Al's Guarantee 8	ACCESSORIES 39	Computer Gunner/Autopilot Software
Be a Good Duellist! 8	Offense	Computer Gunner
	Blow-Through Concealment39	Computer Navigator
WEAPONS9	Body Blades	Convertible Hardtop
Autocannons9	Bomb Racks	Cycle Windshell
Bombs	Brushcutter41	Deadman Switch/Sensor
Bomb Modifications	Bumper Spikes41	
Dropped/Sprayed Gases12	Cupolas41	Drag Chute
Dropped Liquids 14	Cyberlink41	Encoded Remote Ignition System 7
Dropped Solids	Cycle Blades42	Extended Cab
Dropped Weapon Projectors 16	Cycle Turret Sidecar42	Extra Driver Controls
Flamethrowers		Fake Passengers
Gauss Guns	Dual-Weapon Magazine	Galley
Grenade Launchers	External Weapon Pods43	Hang Gliders 7
Lasers	Extra Magazines44	Hazard Detector
Machine Guns	Laser Battery44	Heavy-Duty Brakes
Miscellaneous	Laser-Guidance Link44	Heavy-Duty Transmission
	Link45	Identification Friend or Foe 7
Missiles	Magazine Switch45	Infrared Sighting System
Recoilless Rifles	Pintle Mount45	Jettison Joining 7
Rockets23	Ramplate46	Kamibombs
Tank Guns	Retractable Brushcutter46	Laser Communications Array
Torpedoes	Rocket EWP46	Long-Distance Radio
AMMUNITION27	Rocket Magazine	Long-Range Radar
	Rocket Platform47	Motion Compensator
Slug Throwers27	Rotary Magazine47	No-Paint Windshield
Anti-Personnel Ammo 27	Smart Link47	
Armor-Piercing Fin-Stabilized Discarding	Sponson Weapon Mounts48	Nuclear/Biological/Chemical Shielding
Sabot (APFSDS) Warheads 27	Targeting Computers48	Overdrive
Beehive Rounds		Passenger Accommodations
Depleted Uranium Ammo 28	Turrets49 Universal Turrets, Cupolas,	Pickup Racks
Explosive Rounds		Portable Earth Station
High Velocity Grenades 29	Rocket Platforms50	Portable Shop
High-Density Ammo29	Vehicular Computer50	Radar
High-Explosive Anti-Tank (HEAT)	Weapon Concealment50	Radio Detonator
Warheads	Defense 51	Ramps
High-Explosive Squash-Head (HESH)	Armored Beer Refrigerator51	Remote-Control Guidance System 8
Warheads29	Armored Wheel Hubs52	Rocket Boosters
Incendiary Ammo29	Cargo Safes52	Searchlight8
Paint Pellet Ammunition 30	Cellular Ammunition Storage Magazine 52	Semi-Trailer Emergency Plate 8
Tracer Ammo30	Component Armor53	Side Door
	Dischargers	Silencer/Flash Suppressor
Rockets and Missiles30	Ejection Seat54	Snow Tires
Armor-Piercing Rockets30	Fake Weapons55	Solar Panel
Chaff Rockets31	Fake Wheelguards and Armored Hubs 55	Sound Enhancement
Foam Rocket	Fire Extinguishers56	Sound System
Homing Anti-Radar Missiles32	Fire-Retardant Insulators56	Spoilers and Airdams
Incendiary Rockets32	Heavy-Duty Shock Absorbers	Stealth
Probe Rocket Warheads32	Laser-Reactive Web57	Sunroof
RL Flare Rounds	Radar Detector57	Surge Protector
Smoke Rockets	Radar Jammer57	Tinted Windows
Stealth Missiles	Retractable Wheelguards57	Tinted Windows
Tear Gas Rockets		Tire Chains
Unguided Missile Launcher Rockets 33	Roll Cage57	Tow Bar
Mines and Dropped Solids34	Safety Seat	Vehicular Camera
Anti-Pedestrian Mines	StealthKote™ Shield58	Weapon Timer
Beacon Mines	Wheelguards59	Windjammer
Chemical Mines	Power Plant and	Turret Tables9
Explosive Spikes	Gas Engine Accessories 59	MILITARY PAINTMENT
	Power Plant Accessories59	MILITARY EQUIPMENT 9
Fake Mines	Gas Engine Accessories60	Vehicle Accessories
Floating Mines	Miscellaneous Accessories 61	Anti-Air Ladar
Incendiary Tire Spikes	Active Suspension	Anti-Air Radar 9
Napalm Mines35	Ammo Ejection System61	Anti-Aircraft Mounts
Spider Mines	Amphibious Modifications61	ANDICE
Two-Dimensional Explosive (TDX)	Anti-Theft System62	Auto-Stabilizer
Mines36	Antilock Braking System63	Auxiliary Fuel Tanks
Other Dropped Weapons 37	AILIIULA DIANIIK SYSTEIII	

Bulldozer Blade95	Boat Top125	Tongues and Hitches	
Coaxial Mount	Deck125	Oversized Vehicles	
Crane96	Depth Finder126	Ten-Wheelers	166
Directional Communicators 97	External Keel126	Carriers	167
Extendable Turrets97	Foxer127	The Big Rigs	
Flash Suppressor	Half Top127	Trailers	168
Hedgerow Cutter97	Hydrofoils127	Buses and RVs	160
	Jet Drive		
Image Enhancement		Combat	
Infrared Shielding	Life Raft128	Boats	
Light Amplification98	Oars	Boat Types	
Long Barreled Weapons99	Propeller Noise Reduction System 129	Power Plant Table	
Military Radar99	Sea Anchor	Boat Power Factors Table	. 171
Military Radar Jammer99	Sonar	Propeller Table	. 171
Military Radio100	Twin Hull130	Aquabikes	177
Military Nuclear/Biological/Chemical	Underwater Turrets130	Hovercraft	
(NBC) Shielding100	Waterproofed Weapons130	Power Plants	
Minesweeper	Weighted Keel		
Open Mount		Hovercraft Power Factors Table	
	Hovercraft	Skirt Table	
Periscope	Turbofans	Fixed-Wing Planes	175
Propeller (AFV)	Vertical Stabilizer131	Body Types	
Radio Jammer	PERSONAL WEAPONS AND	Wings	. 176
Ramplate (AFV)		Propellers	
Rangefinder103	EQUIPMENT 132	Power Plants	. 178
Recoil Spade104	Wegpons 132	Plant Accessories	
Remote Sensors 104	Blades	Jet Engines	
Ring Mount	Flamethrowers	Jet Accessories	
Rocket-Assisted Artillery Rounds 105	Grenades		
Smoke Projectors		Aircraft Fuel	
	Lasers	Weapons	
Snorkel Kit	Longarms	Other Exterior Equipment	
Sonic Sensors	Pistols137	Dischargers	. 181
Telescopic Optics	Rockets	Turrets	. 181
Thermograph106	Equipment	Helicopters	
Thumper 107	Body Armor	Construction	
Tread Skirts	Alternate Encumbrance Rules	Power Plants	
Vehicle Decoys			
Water-Proofing	Weights	Weapons	. 104
Water Treads/Wheels	UNCLE SCHMALBERT'S	Grasshoppers	
Weapon Stabilizer		Airships	
	SHOWROOM 144	Body Types	. 183
Artillery Equipment	The Origin of Uncle Schmalbert's 144	Power Plants	. 184
Infantry Equipment109	Adrenalzine145	Helium versus Hydrogen	
Equipment Weight111	Black Hole Dropper	Weapons	. 185
AIDED ATT ACCTCODITE 443	Dr. Deathwish's Patented Armor	Other Fliers	184
AIRCRAFT ACCESSORIES 112	Remover146	Autogyros	
All Aircraft			
Aircraft Radio112	Edible Body Armor146	Carplanes	
Bomb Bay112	Existential Blue Crayon Gun	Hoverplanes	
Bomb Rack	Grilled Cheese Sandwich147	Balloons	. 186
Dive Brakes	Nuclear Power Plant147	Gliders	. 187
Drop Tanks	Nuclear Truck Power Plant148	Rocket Packs	. 188
	Photon Torpedoes	Tanks	189
Gee Suit	Radiation Suit149	Tracked Vehicles	
5-Space EWPs	Rule Benders (IMPROVED!)149	Body Size	180
Improved Controls		Tanks	190
Improved Tail Assembly114	Rules-Lawyer-in-a-Box149	Armored Personnel Carriers	100
Maneuver Foils114	VEHICLE DESIGN RULES 155	Armored Core	190
Personal Parachute115	Cars	Armored Cars	190
Pontoons	Body Types155	Self-Propelled (SP) Artillery	190
Radar Altimeter	, ,,	Manufacturing Costs	191
Radar Identification	Armor Types155	Turrets	191
Radar-Proof Armor and StealthKote™ 116	Modifications156	Engines	192
Refueling Drogue	Chassis156	Armor	. 193
	Suspension	Passengers and Crew	195
Refueling Probe	Power Plants	Weapons and Mountings	195
Retractable Landing Gear 118	Gas Engines157	Amphibious AFVs	105
Search Radar118	Tires	Halftracks	105
Terrain-Following Radar118	Weapons159	ndiludeks	100
Vehicular Parachutes119		Auxiliary Vehicles	190
Winch119	The Human Element	Maintenance and Repair	196
Wing-Tip Mounts	Computing Acceleration and	Artillery	196
	Top Speed159	Explanation of Weapons Terms	197
Helicopters120	Placing Weapons and Armor160	Artillery Accessories	197
Airships122	Repair and Salvage160	Ammunition Types	197
Gliders123	Cycles and Trikes 161	Nuclear Weapons	100
DA 45 4 110 1101/FD 45 4 5 5	Cycles161	MULICUI VVCUPUIS	100
BOAT AND HOVERCRAFT		Using Tac-Nukes	177
ACCESSORIES AND	Trikes	WEAPON TABLE2	00
	Racing Cars		
MODIFICATIONS 124	Body Types162	INDEX 2	.06
All Water Vehicles124	Car Trailers	IIII III	
Bilge Pump124	Body Types163		

WELCOME TO UNCLE AL'S 2041 CATALOG!

Uncle Al's Auto Stop and Gunnery Shop proudly presents the most complete, up-to-date, state-of-the-art compendium of duellist's gear in the world! From time-honored and tested equipment to the cutting edge of modern technology, Uncle Al, the Duellist's Pal, has it all.



How It All Started — The "Uncle Albert" Story

Albert Stoliczynyski and his brother Edgar opened the doors of the original Uncle Albert's Auto Stop in Boston, way back in 2005. In the days before autoduelling, the Auto Stop catered to drivers of all sorts, boasting North America's largest selection of automotive accessories from the world's finest manufacturers. Albert ran the business while Edgar worked in a machine shop and, in his spare time, indulged one of his passions, automotive tinkering. Edgar didn't join

the business full-time until 2009, by which time Albert had expanded to 27 retail outlets across the Northeast and had a booming distribution business as well.

With the advent of autoduelling in the 2020s, Albert was to realize his destiny. With a team of dedicated automotive and weapons engineers under Edgar's direction, Albert used his marketing flair to start an autoduelling accessory business — the Auto Stop and Gunnery Shop. The first one opened in

Boston in 2027, and was an immediate success. By 2031, Albert and Edgar had converted 14 of their Auto Stop locations into Gunnery Shops. That same year, Albert and Edgar dropped their auto parts line to devote themselves full-time to autoduelling accessories.

Today, Uncle Albert products are available from over 3,000 independent dealers in the United States, Canada, Quebec, Texas, Oklahoma and Louisiana. There are 45 showrooms coast-to-coast where duellists can see the latest technological advances. And, last but not least, there is the Uncle Albert Corporate Headquarters and Proving Grounds, located outside Boston. Corporate HQ is the hub of a multi-million-dollar mail-order business (Elmay address "UNCALBERT"), the home of Uncle Albert's corporate offices, and the center of Research, Development and Testing for all new products. Guided tours of this facility are offered Monday through Friday, 9:30 a.m. to 5:00 p.m. (There is a strict no-weapons security policy. Closed on all banking holidays.)

Recent Developments

The Uncle Albert's empire didn't stop there. In 2037, Uncle Al turned lemons into lemonade by buying the rights to the fictional character "Uncle Schmalbert" (created by satirical cartoonist Steve Peters) and developing the concept into the popular Uncle Schmal's Garage childrens' show, which spun off into a syndicated cartoon series (one of the top ten cartoons on the 2039 worldwide ratings). In 2038, Uncle Al truly diversified with sponsorship of UBN's high-rated Al's Gals. Just to prove that all salesmen are frustrated actors, Albert even made cameo appearances in several episodes, and starred as the Voice of Al in the holo-movie Fast Cars and Fast Women.

In 2039, Uncle Al and his brother Edgar had already been in instructional and advertising micros for years (Edgar's *Top Ten Road Repairs* has been on the "Top 20 Micro-Rentals" list since its release in 2033). So Uncle Al took the next logical step with *Al's Gals*

by releasing the immensely popular microgame Al's Gals Against the World (in both maleand female-role versions). That success spurred development of more micros, including the long-awaited mystery Save Uncle Al!, with its promise of \$100,000 in credit at Uncle Al's to the winner.



New! New! New!

And now, after the latest Interstate
Transport and Delivery report rates
premium delivery services at a 90%+
completion rate, Uncle Al unveils his
entrance into the home-shopping market
worldwide . . . Uncle Al's Overnight
Shopper — "When you absolutely have
to have that grenade launcher
overnight!" Uncle Al has determined
that since he can't be the first, he'll be
the best. He'll guarantee overnight
delivery for anything in his line, or you
get it for half price!

And, finally, Uncle Al and Weltbanc have conspired to start Uncle Al's Shopping Club, offering a credit card good for services anywhere in the world! Need ammo, equipment, guns? Shotguns in Singapore, grenades in Germany, capacitors in Cairo? Uncle Al can provide, via air delivery! Simply use an overseas phone exchange (or uplink by satellite) to make your order, and Uncle Al will have your purchase winging its way to you as fast as humanly possible. (Shipping and handling extra.)



Using This Catalog

The 2041 Uncle Al's Complete **Equipment Catalog** is divided into the following sections: Ammo, Weapons, Offensive Equipment, Defensive Equipment, Miscellaneous Equipment, Boat Equipment, Aircraft Equipment, Personal Equipment, Military Surplus and the complete line from that fictional nemesis of good taste, Uncle Schmalbert. When ordering, simply give the page number of the catalog and the description of the item. The salesperson will be happy to specify name-brand parts if desired; otherwise, the best part available for the price will be provided (selection backed by Uncle Al's guarantee; see below). Be prepared to pay more for most name-brand parts.

Used Parts — Uncle Al's also stocks used parts in good condition at reduced prices (typically 20% off the list price). These parts are guaranteed to work (see

Uncle Al's Guarantee, below) unless otherwise noted on the part and in all advertising. Uncle Al takes no responsibility for original manufacturer defects or damage due to wear (common when dealing with mil-spec parts from military surplus).

Warning! Warning! Warning!

Items marked ⊗ cannot be used in AADA-sanctioned tournament combat, including the annual World Championships and any preliminaries.

Items marked ● are military items.

They carry all the above AADA prohibitions; additionally, the use, possession or acquisition of these items by unauthorized personnel may be punishable by law, or result in other extreme sanctions in many areas.

Ordering from Uncle Al's Overnight Shopper

Stay tuned to the Shopper's local channel (Channel 5 on Lasersat 2 and 4, for satellite receivers). When the item you want is on display and sale, call ALSHOPPER on the Global Phone Net (or from any phone in the North American continent) and place your order. It's a good deal — items on sale have their prices slashed up to 40%! All orders shipped C.O.D. unless prepaid by ELMONEY transfer (possible at any bank) or by major credit card — or by Uncle Al's Shopping Club card!

Uncle Al's Shopping Club

Joining the Uncle Al's Shopping Club is simple. If you're a long-time customer, you already belong! Just contact your local Uncle Al's location to register and have your Shopper's Club credit card generated. ("Long-time shopper" is a customer who has purchased at least \$25,000 in equipment from Uncle Al's over any time period.) Or join the club for a nominal fee of \$1,000 (\$500 of which is automatically applied as credit toward your purchases!).

To order from Uncle Al's Shopping Club, call ALCLUB on the Global Phone Net and place your order. Interest on your Shopping Club credit card is a low, low 25% APR, so you can afford to shop Uncle Al's anywhere in the world and still beat out the local competition!

Shipping Costs and Times

Shipping costs are determined by delivery point and time interval. For normal delivery (two to four weeks) to any Uncle Al's franchise, there is no shipping and handling cost. For



overnight delivery to any Uncle Al's, add 20% to the unit base cost. Add an extra 5% to unit base cost for C.O.D.

For delivery to other locations in the United States, the Free Oil States, Canada and Mexico, expect a three- to six-week delay and add 10% shipping and handling to the unit base cost. Overnight

delivery adds 30% to the unit base cost, and C.O.D. adds 10% to the unit base cost in any case.

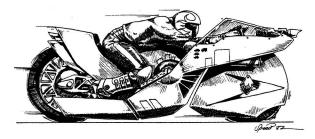
For overseas delivery, add 15% to the unit base cost and expect a four- to eight-week shipping delay. For same-week delivery (generally two to three days), add 50% to the unit base cost. C.O.D. is not available for overseas shipments.

The Uncle Al's Auto Stop and Gunnery Shop Guarantee

"Uncle Al" Albert Stoliczynyski hereby guarantees that all parts and accessories ordered from any UncAlCo enterprise will be delivered intact and installed in good working order (if any UncAlCo enterprise is engaged to install the part), and promises to replace any defective part with a working replacement of equal or greater value.



Furthermore, Albert Stoliczynyski guarantees that all parts sold by any UncAlCo enterprise conform to minimum AADA specifications unless otherwise marked and/or advertised. ("I'm not gonna sell a surplus tank gun as 'new,' campers!")



Be a Good Duellist!

"Uncle Albert" Stoliczynyski encourages all duellists and other customers to respect local anti-duelling and firearms ordinances, and can accept no responsibility for illegal use of equipment acquired through any UncAlCo enterprise. Availability of the items in this catalog may vary in regions with weapon control laws.

WEAPONS

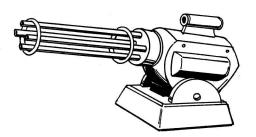
Ah, everyone's favorite section: weapons, weapons! Uncle Al's maintains a proud tradition of having every known vehicular weapon in stock — and if it's not in stock, we can get it, usually overnight!

Autocannon (AC) – To hit 6, 3d damage, \$6,500, 500 lbs., 4 DP, 3 spaces; 10 shots (\$75 and 10 lbs. each); loaded cost \$7,250, loaded weight 600 lbs.; loaded magazine costs \$800 and weighs 115 lbs. Burst effect. May use HD, incendiary and DPU ammo; area effect instead of burst effect.

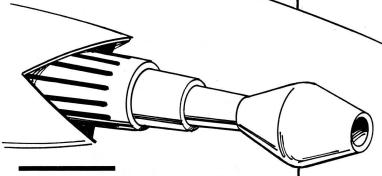


Autocannons

When ships turned light, small and fast, so did the cannons used to fight them. The autocannon has long been the choice of fighting men looking for a weapon to destroy fast-moving targets, and its usefulness extends into the 21st century.



● Gatling Cannon (GC) – To hit 6, 5d damage, \$7,000, 750 lbs., 5 DP, 5 spaces; 10 shots (\$45 and 15 lbs. each); loaded cost \$7,450, loaded weight 900 lbs.; loaded magazine costs \$500 and weighs 165 lbs. 2" burst effect. Can use HD, incendiary and DPU ammo; area effect instead of burst effect. Can only be mounted on oversized vehicles (to F or B) or aircraft and AFVs; firing a GC from an oversized vehicle is a D2 hazard.



Bombs

As soon as aircraft were invented, people starting thinking of ways to drop explosives from them. In a remarkably short time, a bewildering array of dropped munitions were

invented, ranging from simple containers of explosives to cluster bombs and dropped-weapon dispersal packets. As of 2041, a bomb is one of the most versatile weapons available to the flier.

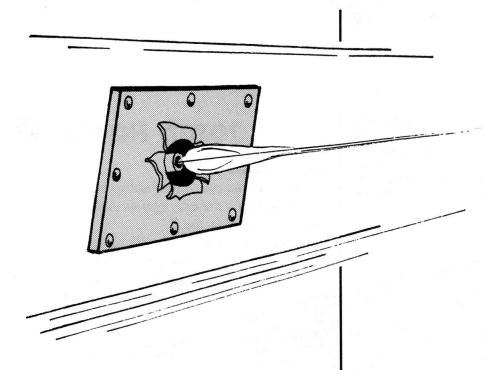
"The autocannon is like the buffalo. It is heavy, big, slow to move and slow to anger. When it attacks, it kills, mowing down its enemy with brute force. It is not a weapon for counting coup."

- Comanche Chief Eaglefeather (Double Ace)

ACCESSORIES

Uncle Al's carries everything you could want in your vehicle, and more. Warning: Some of these items are quite legal to carry and use, but banned in AADA events. These weapons are marked with a \otimes .

Offense



Blow-Through Concealment - \$100, 10 lbs., no space. This special armor patch covers one weapon's firing port, concealing it from view. When the weapon is first fired, the patch is instantly blown away by a small explosive charge. The patch must be replaced to conceal the , weapon again; this is an Easy job for a mechanic. Blow-through patches need not match the vehicle's armor type.

Body Blades

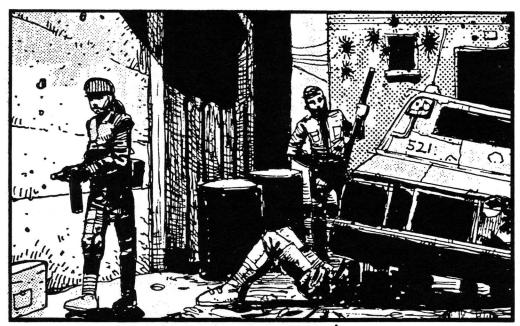
Blow-Through Concealment

When you don't want to advertise what you've got, but you can't afford the weight, space and unmasking time to make your guns fully retractable, try Uncle Al's patented Peek-A-BooTM blow-through patches.

"Losin' the blades was one thing I missed when I graduated from cycles to cars. Thanks, Unc, for bringin' back the thrill of runnin' down peds and slicin' 'em into bloody messes!"

- "Mad Mac" MacDonald, Arkansas

Body Blades – Cost and weight equal to 3 points of plastic armor for the vehicle. They need not match armor type. These are like cycle blades, adding two points to collision damage versus



Large plant, it would have a top speed of $240 \times 3,200 / (3,200 + 5,500) = 88.275$, which rounds down to 87.5.

Placing Weapons and Armor

Now that you've chosen all your components and determined that your car has enough power to accelerate satisfactorily, you can fill out the vehicle diagram.

Weapon location restriction: No more than $\frac{1}{3}$ of the total spaces in a vehicle can be devoted to weapons that fire from any one side (round down). Motorcycles and sidecars are exempt from this restriction.

Dropped weapons and gas streamers can be *corner* mounted. Only two spaces' worth of dropped weapons can be corner mounted on any corner of a car or hovercraft, and up to four spaces' worth may be mounted on any corner of an oversized vehicle. Helicopters, boats, trikes and cycles cannot have corner-mounted weapons.

The vehicle diagram is used to keep track of ammunition expenditure and damage. Also located on the vehicle diagram are the Speed Track and the Handling Track (see *CWC II*, Chapter 2).

Repair and Salvage

In a continuing campaign, damaged vehicles will need repair. Damage to armor can be repaired at \$50 per hit (multiplied by the armor's cost modifier – e.g., fireproof

armor costs twice as much) – or the vehicle's entire armor can be replaced for its original cost plus 10%. A component that has taken only 1 hit can be repaired for 10% of its original price; 2 hits: 30%; 3 hits: 50%; and so on. It's cheaper to replace a badly damaged power plant (for instance) than to fix it.

Body armor cannot be repaired. Medical care for injured characters is free. (You're insured.)

The prices above are for parts and labor. If you do the work yourself, cut 1/3 off the repair costs.

Many repair shops will let you do your own work in their bays – for \$50 an hour.

A vehicle or component may be sold for salvage. Salvage value is (*original cost* minus *repair cost*). Damaged parts may be bought for this value, or sold for half this value. If you stop on the road to strip a wreck, you can easily get tires, extra magazines, unfired ammunition, hand weapons, and cargo. Other components can be salvaged, but it takes time and requires the Mechanic skill (see *CWC II*, pp. 40-41). A burned wreck is worthless.

Modifying Vehicles

New weapons and accessories can be added to an existing vehicle between duels, as long as weight and space limits are observed. Old components may be saved or sold. Add 10% to the cost of any parts that vary from a car's original design – retrofitting is expensive.

Exceptions: New tires can be added at their regular cost, and chassis and suspension cannot be changed from their original design.

If any cost or weight calculations using the above instructions result in fractions of dollars or pounds, round to the nearest whole number.



SHOP AT UNCLE AL'S

Have you been hunting for that hard-to-find weapon? Are you frustrated because that bargain bomb rack wasn't such a bargain after all? Do you need the perfect gift for your mate, girlfriend or gunner?

Well, friend, your troubles are over!

Now it's easier than ever to get the highquality, low-cost weapons, armor and accessories you need. Whether it's for your car, truck, boat or plane, you'll find what you want in one of our 1,500+ locations in the U.S., Canada, Quebec and the Free Oil States. And more franchises are going up every day!

BUT THAT'S NOT ALL!

If we don't have the item you need in stock, we'll order it for you, and we'll get it quick – usually overnight! Uncle AI, the Duellists' PalTM, wants you to be satisfied.

Do you need military surplus? - NO PROBLEM!

Do you crave incendiary ammo? - NO PROBLEM!

Are you jealous because your neighbor has a tank gun, and you don't? - NO PROBLEM!

There's never a problem at Uncle Al's Auto Stop and Gunnery Shop™.

So don't delay - drive, fly or float down to your neighborhood Uncle Al's today.



"We love Uncle Al!"

-Al's Gals

Most major credit cards accepted. Certain restrictions apply. Prices may vary at independently-owned franchises. Check with local law enforcement concerning restricted weapons and accessories. UncAlCo's merchandise is designed for legal autoduelling, and the company claims no responsibility for the illegal or improper use of such items. Use only as directed. Read the manual before operating. Not intended for use by children under the age of 8. We reserve the right to refuse service to anyone. Items not in stock may be replaced with items of equal or greater value. We recommend consultation with a physician before beginning any duelling program. WARNING: Duelling may be hazardous to your health. Void where prohibited. All rights reserved.

INDEX

For your convenience in ordering, Uncle Albert provides this handy index.

A

AA Mounts, 109. AADA banned items, 6, 92. Acceleration on long ramps, 154. Acceleration, AFV, 193; aircraft, 178; car, 159; helicopter, 182; hovercraft, 174; racing car, 163. Accessories, 39-91; aircraft, 175; jet aircraft, 180. Active Suspension, 61. Adrenalzine, 145. Afterburner, 180. AFVs, 189, 191; maintenance, 196; passengers and crew, 195; repair, 196 Air-to-Air Missile, 21. Aircraft accessories, 112-123, 175. Aircraft fuel, 180. Aircraft Radio, 112. Airdams, 87. Airplane turret table, 91. Airships, 122, 183; envelope size, 185. Alternate Encumbrance Rules, 111, 143. Altitude loss, 151. Ammo Clips, 139. Ammo Ejection System, 61. Ammunition, 27-38. Amphibious AFVs, 195. Amphibious Modifications, 61. ANDICE, 94. Anti-Air Ladar, 92. Anti-Air Radar, 92. Anti-Aircraft Mounts, 93. Anti-Armor Bombs, 10. Anti-Homing Torpedo Launcher, 26. Anti-Pedestrian Mines, 34. Anti-Personnel Ammo, 27. Anti-Power Plant Rocket, 23. Anti-Tank Gun, 24, 171. Anti-Theft System, 62. Anti-Toxin Kit, 14, 139. Anti-Vehicular Rifle, 136. Antilock Braking System, 63. APCs, 189-191. Aquabikes, 172; jumping, 154. Armor, AFV, 193; big trailer, 169; car, 155; carrier, 167; helicopter, 182; tractor, 168. Armor placement, 160. Armor-Piercing Fin-Stabilized Discarding Sabot Warheads, 27. Armor-Piercing Rockets, 30. Armor Remover, 146. Armored Battle Vest, 139. Armored Beer Refrigerator, 51. Armored cars, 190-191. Armored Minifridge, 52. Armored personnel carriers, 190. Armored Wheel Hubs, 52. Artillery, 196-198; accessories, 197; ammunition types, 197-198;

Artillery Rangefinder, 109. Artillery skill, 109. Assault Ramp, 81. Assault Rifle, 136. Auto-Grenade Launcher, 17. Auto-Stabilizer, 94. Autocannon, 9. Autogyros, 185-186. Autoloader, 109. **Automatic Target Acquisition** Device, 63. Autopilot, 63. Autopilot Software, 67. Auxiliary Fuel Tanks, 94. Auxiliary vehicles, 196. Axes, 133.

В Backpack, 139. Balloons, 186-187. Barrage Cables, 187. Base mpg, 157; aircraft, 179. Baskets, 187. "Battlefield Taxis," 190. Battle Vest, 139. Bayonets, 133. Bazooka, 138. Beacon Mines, 35. Beehive Rounds, 28. Big rigs, 167. Bilge Pump, 124. Binoculars, 109. Black Hole Dropper, 145. Blades, 132. Blast Cannon, 22. Blended Body Armor, 139. Blow-Through Concealment, 39. Blue-Green Laser, 19. Blueprinting, 60. Boat jumping, 154. Boat Top, 125. Boats, 170; accessories, 124-131. Body Armor, 139. Body Blades, 39. Body types, aircraft, 175-176; airship, 183; bus and RV, 169; car, 155; helicopter, 182; jet fighter, 176; microplane, 176; tanks, 189; trailer, 163. Bollix, 64. Bomb Bay, 112. Bomb Modifications, 10. Bomb Racks, 40, 113. Bombs, 9-10. "Bouncing Betty" Mines, 110. Bowie Knives, 133. Brushcutter, 41. Bulk Ammo Boxes, 65. Bulldozer Blade, 95. Bumper Spikes, 41. Bumper Trigger, 65.

Burst area, 197.

170.

Buses, 169; personnel, 169; combat,

Cabs, 166. Camouflage Netting, 65. Cannon Missile Launcher, 21. Car-Top Carrier, 66. Carburetor, 60. Cargo Safes, 52. Cargo, 159, 167. Carplanes, 186. Carriers, 167. Cars, 155-160; modifications, 156; trailers, 163. Catapult, 123. Cellular Ammunition Storage Magazine, 52. Chaff Discharger, 54. Chaff Dispenser, 14. Chaff Rockets, 31. Chainsaws, 133. Chassis, car, 156; six-wheeled, 156; tractor, 168. Chemical Mines, 35. Claymore Mines, 110. Cloud Bomb, 12. Cluster Bombs, 10. Coaxial Counter-Rotating Blade System, 120. Coaxial Mount, 95. Communications Laser, 76. Communications Target, 76. Compact Television, 66. Component Armor, 53. Composite Metal/Plastic Armor, 156. Computer Gunner, 67. Computer Navigator, 68. Concussion Grenades, 134. Construction, helicopter, 181. Contact Wire, 141. Convertible Hardtop, 68. Corner-mounted weapons, 159. Counterbattery Computer, 109. Crane, 96. Crater Bombs, 10. Cupolas, 41, 50. Cyberlink, 41. Cycle Blades, 42. Cycle Turret Sidecar, 42. Cycle Wheelguards, 59. Cycle Windshell, 69. Cycles, 161-162.

D

Deadman Sensor, 69. Deadman Switch, 69. Deck, 125. Defensive Accessories, 51. Delay-Fuse Bombs, 10. Depleted Uranium Ammo, 28. Depth Charge, 15. Depth Finder, 126. Derringer, 137. Directional Communicators, 97. Dischargers, 53; aircraft, 181. Dive Brakes, 113. Double-Barreled Shotgun, 136. Drag Chute, 69. Drop Tanks, 113. Drop-Spike Plate, 15. Dropped Liquids, 14. Dropped Solids, 14, 34. Dropped Weapon Projectors, 16. Dropped Weapons, 37. Dropped/Sprayed Gasses, 12. Dual-level flatbeds, 168.

Dual-Weapon Magazine, 43. Ducted Cowlings, 178. Duelling Gas Tanks, 158. Duellist's Shades, 140. Dump trailer, 168. Dumper, 164.

E

Edible Body Armor, 146. Ejection Seat, 54. Ejectors, 114. Encoded Remote Ignition System, 70. Engine efficiency, 157. Engines, AFV, 192. EWPs, 180. Existential Blue Crayon Gun, 147. Explosive Grenades, 134, 171. Explosive Hitches, 165. Explosive Rounds, 28. Explosive Spikes, 35. Extendable Turrets, 97. Extended Ammo Clips, 139. Extended Cab, 71. External Keel, 126. External Weapon Pods, 43; 5-Space, 114. Extra Driver Controls, 71. Extra Magazines, 44. Extra Power Cells, 59. Extra Rotor Blades, 120. Extra Wing, 177.

Fake Armored Hubs, 55. Fake Cycle Blades, 42. Fake Discharger, 54. Fake Drop-Spike Plate, 15. Fake Grenades, 134. Fake Mines, 35. Fake Passengers, 72. Fake Ramplate, 46. Fake Turret, 49. Fake Weapons, 55. Fake Wheelguards, 55. Falling, 150. Field Carriage, 109. Fire Extinguishers, 56. Fire-Retardant Insulators, 56. Fireproof Armor, 155. Fireproof Suit, 140. Fireproofing tires, 159. Fixed-wing planes, 175-181. Flak Jacket, 140. Flame Cloud Discharger, 54. Flame Cloud Ejector, 12. Flame Cloud Gas Streamer, 13. Flamethrowers, 16-17. Flaming Oil, 172; Ammo, 37; Discharger, 54; Grenades, 134. Flaming Oil Jet, 14. Flash Grenades, 135. Flash Suppressor, 97. Flatbeds, 168. Flechette Grenades, 54, 135. Flechette Gun, 20. Floating Mines, 35. Flush Solar Panel, 85. Flying Wings, 177. Foam Discharger, 54. Foam Grenades, 135. Foam Rockets, 31. Folding Stock, 140. Forward-Swept Wings, 177. Four-Space Turret, 49. Foxer, 127.

equipment, 109; weapon crew,

197.

Free flight, 187. Fuel efficiency, 179. Fuel, 158.

Galley, 72. Gas Bombs, 11. Gas Cylinder, 122. Gas engines, accessories, 59-60; AFV, 192-193; aircraft, 178-179; car, 157; hovercraft, 174; range, 157; ten-wheeler, 166. Gas Mask, 140. Gas Streamer, 13. Gas tanks, 158. Gas-Cells, 187. Gatling Cannon, 9. Gauss Gun, 17; Pistol, 137; Rifle, 136. Gee Suit. 113. Gliders, 123, 187; powered, 188. GLOC, 113. Glow-in-the-Dark Paint, 37. Grasshoppers, 182. Grenade Launcher, 17-18, 134; new rules, 17. Grenades, 133-134. Grilled Cheese Sandwich, 146. Gunshield, 109. Gyroslugger, 138; Ammo, 138.

H Half Top, 127. Halftracks, 195. Hand-Held Flare Launcher, 140. Handling Class, 57, 163, 174. Hang Gliders, 55, 72. HARMs, 32. Hatchet, 133. Hazard Detector, 73, 140. HEAT Warheads, 29. Heavy AV Rifle, 136. Heavy Bazooka, 110. Heavy-Duty Brakes, 73. Heavy-Duty Chaff Dispenser, 14. Heavy-Duty Flame Cloud Ejector, 13. Heavy-Duty Flamethrower, 17. Heavy-Duty Flaming Oil Jet, 14. Heavy-Duty Ice Dropper, 14. Heavy-Duty Oil Jet, 14. Heavy-Duty Paint Spray, 13. Heavy-Duty Shock Absorbers, 56. Heavy-Duty Smokescreen. Heavy-Duty Tires, 158. Heavy-Duty Toxin Gas, 14. Heavy-Duty Transmission, 73. Heavy-Duty Winch, 119. Heavy Laser, 18. Heavy LAW, 110. Heavy lift wings, 176. Heavy Limpet Mine, 141. Heavy Machine Gun, 19. Heavy Mine Dropper, 15. Heavy Missile Launcher, 21. Heavy Pistol, 137. Heavy Recoilless Rifle, 22. Heavy Rocket, 23. Heavy Torpedo, 26. Heavy Vulcan Machine Gun, 20. Heavy X-Ray Laser, 19. Hedgerow Cutter, 97. Helicopters, 120, 181. Helium, 185. HESH Warheads, 29. Hi-Res Telescopic Sight, 110.

High Temperature Ammo, 37.

High-Density Ammo, 29. High-Explosive Anti-Tank Warheads, High-Explosive Squash-Head Warheads, 29. High-Speed Compressor Pack, 122. High-Speed Missile, 21. High-Velocity Grenades, 29. High-Velocity Torpedoes, 26. Hollow-Point Ammo, 140. Homing Anti-Radar Missiles, 32. Homing Torpedo, 26. Hot Smoke, 14, 38. Hot Smoke Discharger, 54. Hovercraft, 173; accessories, 131; fans, 174; types, 173. Hoverplanes, 186. Human element, 159. Hydrofoils, 127. Hydrogen, 185.

Ice Ammo, 38.

Ice Discharger, 54.

Ice Dropper, 14, 172.

Identification Friend or Foe, 74. IFF, 74. IFF Sender, 140. IFVs, 189. Image Enhancement, 98. Impact Armor, 140. Impact Fuse Grenades, 135. Improved Body Armor, 140. Improved Controls, 114. Improved items, 46, 80, 89, 149. Improved Supercharger Capacitors, Improved Tail Assembly, 114. Incendiary Ammo, 29. Incendiary Rockets, 32. Incendiary Tire Spikes, 35. Infantry equipment, 109. Infantry Machine Gun, 110. Infantry Vulcan Machine Gun, 110. Infrared Goggles, 140. Infrared Laser, 19. Infrared Shielding, 98; Suit, 110. Infrared Sighting System, 74. Integrated Systems Helmet, 110. IR-Guided Missile, 21.

Jet Drives, 128, 171. Jet engines, 179. Jet fighter turret table, 91. Jet frames, 175. Jettison Joining, 75. Jump Jets, 83, 154. Jumping and Falling Rules, 150-154. Jumping, 152. Junk Dropper, 15.

K

Kamibombs, 75. Kingpins, 169. Knife, 133.

Laminate armor, 193-194. Landing gear, 180. Landing hazard, 152. Landing (falling vehicle), effects of, 152; partial, 153; uneven, 153. Large-bore projectile weapons, 197. Large Drop-Spike Plate, 15. Lasers, 18, 135. Laser Battery, 44. Laser Communications Array, 76. Laser-Guidance Link, 44. Laser-Guided Bombs, 11. Laser-Guided Missile, 21. Laser-Guided Torpedo, 26. Laser LAW, 135. Laser-Reactive Web, 57. Laser-Reflective Armor, 155. Laser Rifle, 135. Laser Targeting Scope, 141. Laser VLAW, 135. Laserproof armor, 194. LAW, 138. LCA Computer, 76. Life Jacket, 141. Life Raft, 128. Lift fans, 174. Light Amplification, 98. Light Flamethrower, 16. Light Intensifier Goggles, 141. Light Laser, 18. Light Machine Gun, 19. Light Pistol, 137. Light Rocket, 23. Limpet Mine, 141. Link. 45. Long Barreled Weapons, 99, 197. Long-Distance Radio, 76. Long-Range Missile, 21. Long-Range Radar, 77. Longarms, 136.

M

Machete, 133. Machine Gun, 19. Machine Pistol, 137. Magazine Switch, 45. Magnetic Cannon, 17. Man-Portable Radar, 110. Man-Portable Rocket Launcher, 138. Man-Portable Thermograph, 110. Maneuver Foils, 114. Medikit, 141. Medium Laser, 18. Medium Rocket, 23. Metal Armor, 156. Micromissile Launcher, 23. Microplane Harness, 122. Microplanes, 122, 180; turret table, 91. Military Body Armor, 111. Military equipment, 92-111; weight, 111. Military Flamethrower, 17. Military items warning, 6. Military NBC Shielding, 100. Military Radar Jammer, 99. Military Radar, 99. Military Radio, 100. Military Targeting Laser, 19, 109. Mine Flinger, 16. Minedropper, 15, 172. Mines, 34. Minesweeper, 101. Mini-Mechanic, 141. Mini Rocket, 23. Mini-Safe, 52. Mini-Torpedo, 25. Miscellaneous accessories, 61. Miscellaneous weapons, 20. Missile Launcher, 20. Missiles, 20, 30.

Mortars, 109. Motion Compensator, 77. Multi-Fire Rocket Pod, 23. Multibarrel Carburetor, 60.

Napalm Bombs, 11. Napalm Mines, 35. NBC Shielding, 14, 78. NBC Suit, 14, 111. Needle Gun, 136. Needle Pistol, 137. New items, 17, 26, 48, 52, 71, 77, 80, 85, 97, 116, 121, 126, 129, 149. New weapon rules, 132. Nitrous Oxide, 60. No-Paint Windshield, 78. Non-rigid body, 183. Nuclear Power Plant, 147. Nuclear Truck Power Plant, 148. Nuclear weapons, 199. Nuclear/Biological/Chemical Shielding, 78. Nuclear/Biological/Chemical Suit,

Oars, 129. Off-Road Suspension, 180. Off-Road Tires, 158, 180. Offensive accessories, 39. Oil Discharger, 54. Oil Jet, 14, 172. Oil/Paint Gun, 16. One-Space Turret, 49. Open Mount, 101; AFV, 195. Overdrive, 78. Oversized vehicles, 165.

Paint Discharger, 54. Paint Grenades, 135. Paint Pellet Ammo, 30. Paint Spray, 13. Paint Weapons, 172. Parachute, 55; Personal, 115. Parachute Bombs, 12. Passenger Accommodations, 79. Pedestrian Dischargers, 141. Penetration Bombs, 12. People, 159. Periscope, 102. Personal weapons and equipment, 132-143. Photon Torpedoes, 148. Pickup Racks, 79. Pintle Mount, 45. Pistols, 137. Plasticore Tires, 158. Plastique Explosive, 141. Platinum Catalysts, 60. Plungers, 141. Pod armor, 43. Point-Defense Grenades, 54, 194. Pontoons, 115. Pop-Up Missile, 22. Pop-Up Turret, 49. Portable Camera, 141. Portable Earth Station, 80. Portable Field Radio, 141. Portable Fire Extinguisher, 141. Portable Flamethrowers, 133. Portable Medikit, 141. Portable Micromissile Launcher, 138. Portable Searchlight, 142. Portable Shop, 80. Power factors, aircraft, 178; boat, 171: hovercraft, 174. Power plant accessories, 59; aircraft, 178. Power plant ranges, 157. Power plants, AFV, 192; aircraft, 175, 178; airship, 184; boat, 170-171; car, 157; cycle, 161; helicopter, 182; hovercraft, 174; ten-wheeler, 166; tractor, 168. Power units, 157. Probe Rocket Warheads, 32. Prop Armor, 123. Propeller Noise Reduction System, Propellers, 102; aircraft, 175, 177-178; boat, 171. Proximity Fuses, 38. Pulse Laser, 19. Puncture-Resistant Tires, 158.

Quick-release hitches, 165.

Racing cars, 162. Racing Slick Tires, 158. Radar, 80. Radar Altimeter, 116. Radar Detector, 57. Radar-Guided Missile, 20. Radar Identification, 116. Radar Jammer, 57. Radar Missile Guidance, 22. Radar-Proof Armor, 116-117, 156. Radar-Shielded Equipment, 111. Radial Tires, 158. Radiation Suit, 149. Radio-Detonated Bombs, 12. Radio Detonator, 81. Radio Guided Missile, 22. Radio Jammer, 102. Ramplate, 46; AFV, 103. Ramps, 81, 152. Range, AFV, 193; airship, 184. Rangefinder, 103. Rapid-Fire Tank Gun, 24. Reactive armor, 194. Recoil Spade, 104. Recoilless Rifle, 22. Reefer, 164, 167. Refueling Drogue, 117. Refueling Probe, 117. Reloadable LAWs, 111. Remote Sensors, 104. Remote-Control Guidance System, 81. Repair, 160. Replica Spear, 133. Replica Sword, 133. Retractable Brushcutter, 46. Retractable Landing Gear, 118. Retractable Wheelguards, 57. Reversed trikes, 162. Rifle, 136. Rifle-Launched Grenade, 134. Ring Mount, 104. Riot Shield, 142. RL Flare Rounds, 33. Rocket-Assisted Artillery Rounds, 105. Rocket Boosters, 82-83. Rocket EWP, 46.

Rocket Magazine, 47. Rocket packs, 188. Rocket Platforms, 47, 50. Rockets, 23, 30, 137, 197. ROF, 197. Roll Cage, 57. Rotary Magazine, 47. Rotation in flight, 151. Rotor Armor, 121. Rotor Camera, 121. Rotor DP, 181; autogyros, 186. Rule Benders, 149. Rules-Lawyer-in-a-Box, 149. RVs, 169; combat, 170; personnel, 169.

Safety Seat, 58. Salvage, 160. Sand Ammo, 38. Sand Discharger, 54. Scatter Table, 11. Scatterpack Bombs, 12. Scuba Gear, 142. Sea Anchor, 129. Search Radar, 118. Searchlight, 83. Self-propelled artillery, 190. Semi-rigid body, 183. Semi-Trailer Emergency Plate, 84. Shaped Plastique, 141. Short-Sword, 133. Shotgun, 136. Shots/Space, 197. Side Door, 84. Silencer/Flash Suppressor, 85; personal, 142. Single-Weapon Computer, 48-49. Skid Stretchers, 121. Skirts, 175. Sloped armor, 156, 194. Slug Throwers, 27. Smart Link, 47. Smoke Discharger, 54. Smoke Grenades, 135. Smoke Projectors, 105. Smoke Rockets, 33. Smoke Weapons, 172. Smokescreen, 13. Snorkel Kit, 105. Snow Tires, 85. Solar Panels, 85; Airship, 123. Solid Tires, 158. Sonar, 129. Sonar proximity fuse, 15. Sonic Sensors, 106, 111. Sound Enhancement, 86. Sound System, 86. Spaces, aircraft, 176; helicopter, 181. Spear 1000 Minedropper, 15. Speargun, 142. Spider Mines, 36. Spike Gun, 16. Spiked Armor, 140. Spikedropper, 15, 172. Spoilers, 87. Sponson Turrets, 48. Sponson Weapon Mounts, 48. Standard Tires, 158. Standard Torpedo, 25. Starshell Launcher, 20. Stealth, 87. Stealth Missiles, 33. StealthKoteTM, 116-117; Shield, 58.

Steelbelting, 158.

Stinger SAM, 138. STOL Wings, 177. Streamlining, 156. Stun Gun, 137. Submachine Gun, 137. Sunroof, 88. Super Rocket, 23. Supercharger, 60. Superconductors, 60. Surface-to-Air Missile, 20. Surge Protector, 88. Suspension, 157; cycle, 161. Swept Wings, 177. Swim Fins, 142.

Tank Guns, 24-25. Tank hunters, 191. Tank personnel carriers, 189. Tank trailer, 168. Tanker, 164. Tanks, 189-196; manufacturing costs, 191. Targeting Computers, 48. Targeting Laser, 19. TDX Mines, 36. Tear Gas Discharger, 54. Tear Gas Grenades, 135. Tear Gas Rockets, 33. Teleguided Bombs, 12. Teleguided Missile, 22. Telescopic Optics, 106. Telescopic Sights, 111. Ten-wheelers, 166. Terrain-Following Radar, 118. Tether, 187. Thermite Grenades, 135. Thermograph, 106. Three-Space Turret, 49. Thumper, 107. Tilt fans, 174. Tilt-Rotor, 178. Tinted Goggles, 142. Tinted Windows, 88. Tire Chains, 89. Tires, aircraft, 175; big trailer, 169; car 158; cycle, 161; ten-wheeler, 166; tractor, 168; trailer, 164. Tongue DP, 163. Tool Kit, 142. Top speed, AFV, 193; aircraft, 178; airship, 184; car, 159; helicopter, 182; hovercraft, 174; jet aircraft, 179. Torpedoes, 25. Tow Bar, 89. Tow Cable, 123. Toxin Gas, 13. Tracer Ammo, 30. Tracked vehicles, 189. Tractors, 167; personnel, 168. Trailers, 168; chassis strength, 164; hitches, 164; personnel, 169; tongues, 164; types, 164; weapon restrictions, 169. Tread Skirts, 107. Trikes, 161; construction, 161. Tripod Gunshield, 142. Tripod Missile Launcher, 111. Tripod Weapons, 142. Truck Turbo, 166. Tubular Headers, 60. Turbocharger, 60. Turbofans, 131. Turrets, 49; tables, 91; tank, 191-192.

Twin Hull, 130. Twin Laser, 19. Two-Dimensional Explosive Mines, Two-Space Turret, 49.

"Uncle Albert" story, The, 4. Uncle Al's Guarantee, 8. Uncle Al's Shopping Club, 6, 7. Uncle Schmalbert's Showroom, 144. Underbarrel Grenade Launcher, 134. Underbarrel Gyroslugger, 138. Underwater Turrets, 130. Unguided Missile Launcher Rockets, 33. Universal Turrets, 50.

Variable-Fire Rocket Pod, 24. Variable-pitch turbocharger, 60. Variable Wings, 177. Vectored Thrust, 180. Vehicle Decoys, 107. Vehicle design rules, 155-199. Vehicle heights, 154. Vehicle modification, 160. Vehicular Camera, 89. Vehicular Computer, 50. Vehicular Parachutes, 119. Vehicular Shotgun, 20. Vertical Stabilizer, 131; Improved, 131. VLAW, 138. Vulcan Machine Gun, 20.

Walkie-Talkie, 142. Water Sled, 142. Water Treads, 108. Water-Proofing, 108. Waterproofed Weapons, 130. Weapon Concealment, 50-51. Weapon location restriction, 160. Weapon placement, 160; cycle, 161. Weapon Stabilizer, 108. Weapon Table, 200-204. Weapon Timer, 90. Weapon Wings, 121. Weapons, 9-26; AFV, 195; aircraft, 175, 180; airship, 185; big trailer, 169; boat, 171; bus and RV, 169; carrier, 167; helicopter, 182; hovercraft, 175; ten-wheeler, 166; tractor, 168; trailer, 165. Weighted Keel, 131. Wheel position, 150. Wheel Ramps, 81. Wheelguards, 59. White Phosphorus Grenades, 135. Winch, 119. Windjammer, 90. Wing modifications, 176. Wing-Tip Mounts, 120. Wings, 176. Wire-Guided Missile, 20. Wire-Guided Torpedo, 26.

X

X-Ray Laser, 19.

Zero-Space Turret, 49.

Rocket Launcher, 23.

NO PROBLEM.

Warehouse 23 sells high-quality game adventures and supplements in print and PDF formats.

- Free downloadable adventures for *GURPS*, *In Nomine*, and *Traveller*!
- Fun gaming accessories shot glasses, shirts, specialty six-siders, and more!
- PDFs from Atlas Games, Amarillo Design Bureau, Pelgrane Press, Goodman Games, and many others – plus gems from the up-and-comers.
- Original material for *Transhuman Space* and new *GURPS* supplements from Kenneth Hite, Phil Masters, David Pulver, Sean Punch, and William Stoddard!
- Fully searchable files of *GURPS Fourth Edition* supplements.
- Digital editions of out-of-print classics, from *Orcslayer* and the complete run of *ADQ* to *GURPS China* and *GURPS Ice Age*.
- Buy board games and roleplaying PDFs in the same order! Download digital purchases again whenever you need to.



STEVE JACKSON GAMES warehouse23.com