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**B U S I N E S S P L A N**  
**P R E P A R A T I O N**

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## **BUSINESS PLAN PREPARATION**

### **Author and Qualifications**

Mr. Pat Ayers of Public Petroleum Limited requested that this business plan be written. Mr. Ayers wanted an independent, investigative report of high integrity for the production of the car.

Mr. Ronald Terry Constant has been involved in proposing several large, new programs for the Fort Worth Police Department, U.S. Air Force and private companies.

### **Education**

#### **Master of Divinity**

May, 1981, Southwestern Baptist Theological Seminary

#### **Bachelor of Arts - Highest Honors**

May, 1974, University of Texas at Arlington

Psychology - Major; Criminal Justice - Minor

### **Career Experience**

#### **Director of Chaplains**

Fort Worth Police Department

350 W. Belknap Street

Fort Worth, Texas 76102

Appointed as Police Officer 1969

Promoted to Sergeant 1976

Appointed as Director of Chaplains 1977

#### **Chaplain, Captain**

United States Air Force Reserves

Wing Staff Chaplain

301st Tactical Fighter Wing

Carswell AFB, Texas 76128

February, 1983 to present

#### **Board of Directors**

Charter Hospital of City View

4900 Overton Ridge Road

Fort Worth, Texas 76132

July, 1986 to present

Fort Worth Police Benevolent Association

350 W. Belknap St. Fort Worth, Texas 76102

March, 1980 to present

Fort Worth Police Officers Association  
1401 Ballinger Street Fort Worth, Texas 76102  
March, 1977 to present

Tarrant County Mental Health Association  
804 West 7th Street Fort Worth, Texas 76102  
January, 1981 to December, 1983

Tarrant Baptist Association  
4520 James Avenue Fort Worth, Texas 76115  
January, 1979 to 1986

Fort Worth Center for Ex-Offenders  
756 8th Avenue Fort Worth, Texas 76104  
January, 1977 to December, 1977

#### **Programmer**

Proficient programmer in the MS-DOS environment using C, Pascal, assembly, Basic, dBase III Plus, and Clipper.

#### **Comments**

While on the Fort Worth Police Department Mr. Constant prepared many investigative reports, directed several large, new projects, and was hand selected to start an esoteric, in-house management consultant team.

#### **Publications**

Survivor's Benefits Handbook, FWPOA, July, 1988

Scripture Scribe and More, Omega, January, 1988

Scripture Scribe, Omega, August, 1987

"Not So Obvious Police Stress", Law & Order, July, 1984.

"'Color' Writer II Disk", 80 U.S. Journal, July, 1983.

"Basicmon: A Monitor in Basic", 80 U.S. Journal, February, 1983.

"The Color Scripsit Word Processor", Color Computer News, April, 1982.

"A Chaplain Program", Texas State Police Journal, April, 1979.

#### **Computer programs**

##### **Marketed Nationally**

Scripture Scribe 2.0, Omega, January, 1988

Scripture Scribe 1.0, Omega, August, 1987

Directory Save/Get, Chromassette, December, 1982.

Master Catalog, Chromassette, December, 1982.

### Custom Programming

301 TFW, U.S. Air Force Reserves, Tarrant Baptist Association, Fort Worth Police Officers Association, City of Fort Worth, Texas, State of Texas, National software firms, Several local companies and individuals

### Terms of Engagement and Relationship to Company

The report was prepared as a preliminary business plan with an investigative background. Mr. Constant has no investments in the company.

### Investigation Conducted

The following sources were used in gathering information for the preparation of this business plan. The following were interviewed. The people in the U.S. Department of Commerce were personally interviewed in Washington, D.C. by Mr. Constant

Carl C. Clark, Department of Commerce, Washington, D.C.

Margaret Matta, Department of Commerce, Washington, D.C.

Elliott C. Small, Technology Commercialization Center, Washington, D.C.

Ed Ramirez, Dallas, Texas

Phil Palmer Jr., Attorney for Amectran and California Electric Car Company

See attached list for further resources.

### Summary Impressions

The electric car will be a major means of transportation by the end of the century. The time and the technology are ready for the electric automobile. The car developed by Amectran is a full automobile with range being the only compromise. There are several features in the car which are ahead of standard cars. The Exar-1 is far ahead of any other electric car in the world that is production ready or that is close to being fully developed.

The Exar-1 has proven itself in government tests, personal tests, and consumer appeal. The community which first produces this car will lead the world in the mass production of the electric car. That community will lead and set the trends and ideas for the electric into the next century. The introduction of the Exar-1 will have a major impact on pollution, street safety, and use of petroleum.

## Manufacturers of Electric Vehicle Related Products

**AM General Corporation**  
32500 Van Born Road  
Wayne, Michigan 48184  
USA

**Accumulatorenfabrik**  
Sonnenschein GmbH  
Thiergarten  
D-6470 Buedingen/Hessen  
GERMANY

**Accumulatorenfabriken**  
Wilhelm Hagen AG  
Thomastr. 27/28  
477 Soest  
GERMANY

**Accumulatorenwerk Hoppecke**  
Carl Zoellner & Sohn  
Barbarossaplatz 2  
D-5000 Koln 1  
WEST GERMANY

**Amback Industries Incorporated**  
American Bosch Electrical  
Products Div.  
P.O. Box 2228  
Columbus, Miss. 39701  
USA

**American-Lincoln, Div. of the Scott & Fetzer Co.**  
1100 Haskins Rd.  
Bowling Green, Ohio 43402  
USA

**Daimler-Benz AG**  
Postfach 202  
7 Stuttgart 60  
GERMANY

**Dana Corporation**  
Spicer Clutch Division  
P.O. Box 191  
Auburn, Indiana 46706  
USA

**John Deere Company**  
Moline, Illinois 61265  
USA

**Die Mesh Corporation**  
629 Fifth Avenue  
Pelham, New York 10803  
USA

**ESB Incorporated**  
5 Penn Center Plaza  
Philadelphia, Pa. 19103  
USA

**EVA/Chloride Corp.**  
9100 Bank Street  
Cleveland, Ohio 44125  
USA

**E-Z-GO**  
P.O. Box 388  
Augusta, Georgia 30903  
USA

**Eagle-Picher Industries, Inc.**  
P.O. Box 47  
Joplin, Missouri 64801  
USA

**Eaton Corporation**  
11000 Roosevelt Blvd.  
Philadelphia, Pa. 19115  
USA

**AMIGO Inc.**  
6693 Dixie Highway  
Bridgeport, Michigan 48722  
USA

**Anker Batterier a.s.**  
P.O. Box 25  
3191 Horten  
NORWAY

**Applied Motors, Inc.**  
P.O. Box 106  
Rockford, Ill. 61105  
USA

**Asser Transportmiddelen Fabriek B.V.**  
Dr. A. F. Philipsweg 13  
Assen  
NETHERLANDS

**B & Z Electric Car**  
3346 Olive Avenue  
Signal Hill, Calif.  
USA

**Batronic Truck Corp.**  
Third & Walnut Sts.  
Boyertown, Pa. 19512  
USA

**Bendix Corp., Automotive Control Systems Group**  
401 Bendix Drive  
South Bend, Indiana 46624  
USA

**Fabbrica Accumulatori Uranio SpA**  
Corso Milano 88  
37100 Verona  
ITALY

**Fabbrica Italiana Magneti Marelli SpA.**  
20099 Setso S. Giovanni  
Milano  
ITALY

**Fabrica Espanola Magnetos, S.A.**  
Spartado 35005  
Madrid-17  
SPAIN

**FIAT**  
Corso Marconi 10  
Turin  
ITALY

**GES mbH**  
Tersteegenstrasse 77  
4 Dusseldorf 30  
GERMANY

**The Garrett Corporation,**  
9851 Sepulveda Blvd.,  
Los Angeles, Calif. 90009  
USA

**General Electric Co.**  
2000 Taylor St.  
Fort Wayne, Ind. 46804  
USA

**General Electric Company**  
1501 Roanoke Blvd.  
Salem, Va. 24153  
USA

**Globe-Union, Inc.**  
5757 N. Greenbay Ave.  
Milwaukee, Wisc. 53201  
USA

**Berix Electric AB**  
Box 3015  
S-462 03 Vanersborg  
SWEDEN

**Big Joe Manufacturing Co.**  
7225 N. Kostner Ave.  
Chicago, Ill. 60646  
USA

**The Boeing Co. —Vertol Div.**  
P.O. Box 16858  
Philadelphia, Pa. 19142  
USA

**Robert Bosch Corporation**  
2800 South 25th Ave.  
Broadview, Illinois 60153  
USA

**Brubaker Group**  
10315 W. Pico Blvd.  
Los Angeles, California 90064  
USA

**Centron Systems, Inc.**  
4501 Maryland  
St. Louis, Mo. 63108  
USA

**Chloride Group Limited**  
52 Grosvenor Gardens  
London SW1W 0AU  
ENGLAND

**Hyster Company**  
P.O. Box 2902  
Portland, Oregon 97208  
USA

**INACEL**  
Cornelio Saavedra 2720-Munro  
Byebis Auresm  
ARGENTINA

**Japan Storage Battery Co. Ltd.**  
Kisshoin, Minami-ku  
Kyoto  
JAPAN

**Jet Industries, Inc.**  
4201 South Congress  
Austin, Texas 78745  
USA

**Johns-Manville Sales Corp.**  
P.O. Box 5108  
Denver, Colorado 80217  
USA

**Kady-Kart Incorporated**  
20 Wilbraham Road  
Palmer, Massachusetts 01069  
USA

**Kalamazoo Manufacturing Co.**  
1827 Reed Street  
Kalamazoo, Michigan 49001  
USA

**Kaylor Energy Products**  
1918 Menatto Ave.  
Menlo Park, California 94025  
USA

**King Engineering**  
5436 Topsfield Lane  
Clay, New York 13041  
USA

**Chloride, Inc.**  
P.O. Box 24598  
Tampa, Florida 33623  
USA

**Chloride Industrial Batteries**  
P.O. Box 15060  
Kansas City, Kansas 66115  
USA

**Chloride Industrial Batteries Ltd.**  
10 Snitterton Road  
Matlock, Derbyshire DE4 3L7  
ENGLAND

**Clark Equipment Co.—Industrial Truck Div.**  
24th & Lafayette Sts.  
Battle Creek, Mich. 49016  
USA

**Corbin-Gentry, Inc.**  
40 Maple Street  
Somersville, Connecticut 06072  
USA

**Coventry Climax Ltd.**  
Widdington Rd.  
Coventry CV1 4DX  
ENGLAND

**Cushman-Outboard Marine Corp.**  
P.O. Box 82409  
Lincoln, Neb. 68501  
USA

**Oldham & Son Ltd.**  
Denton  
Manchester M34 3AT  
ENGLAND

**Palmer Industries**  
P.O. Box 707, Union Station  
Endicott, New York 13760  
USA

**Pargo, Inc.**  
P.O. Box 5544  
Charlotte, North Carolina 28225  
USA

**Pedal Power Div.**  
**General Engines, Inc.**  
591 Mantua Blvd.  
Sewell, New Jersey  
USA

**Progetti Gestioni Ecologiche SpA**  
30099 S. Pietro Di Stra.  
Venezia  
ITALY

**Rockwell International**  
Atomics Int'l. Div.  
8900 DeSoto Avenue  
Canoga Park, Calif. 91304  
USA

**Gianni Rogliatti**  
Cas Post 116  
Turin  
ITALY

**S.A. Accumulateurs TUDOR**  
5981 Florival  
Archennes  
BELGIUM

**SAEM**  
via Mentana 16  
Monza (Milano)  
ITALY

**ElecTraction**  
Heybridge Basin  
Maldon, Essex  
ENGLAND

**Electric Auto Corporation**  
2237 Elliott Avenue  
Troy, Michigan 48084  
USA

**Electric Fuel Propulsion Corp.**  
Robbins Executive Park East  
2191 Elliott Avenue  
Troy, Michigan 48084  
USA

**Electric Passenger Cars, Inc.**  
5127 Galt Way  
San Diego, California 92117  
USA

**Electric Vehicle Associates, Inc.**  
9100 Bank St.  
Cleveland, Ohio 44125  
USA

**Electric Corporation**  
P.O. Box 698  
Norwalk, Connecticut 06852  
USA

**Energy Development Associates**  
1100 W. Whitcomb Ave.  
Madison Heights, Michigan 48071  
USA

**Exxon Enterprises**  
P.O. Box 45  
Linden, New Jersey 07036  
USA

**Stewart Warner Corporation**  
South Wind Division  
1514 Drover Street  
Indianapolis, Indiana 46221  
USA

**Texas Instruments, Inc.**  
34 Forest Street  
Attleboro, Massachusetts 02703  
USA

**Toyo-Kogyo Co. Ltd.**  
3-1, Shinchu, Fuchu-cho  
Aki-Gun, Hiroshima  
JAPAN

**Toyota Motor Sales Company, Inc.**  
No. 3, 2-Chome Kudan, Chiyoda-Ku  
Tokyo  
JAPAN

**Gottfried Hagen AG**  
Roishoverstrasse 95-101  
5000 Cologne 91  
WEST GERMANY

**Gould, Inc.**  
30 Gould Center  
Rolling Meadows, Illinois 60008  
USA

**Gulf & Western Industries, Inc.**  
1 Gulf & Western Plaza  
New York, N.Y. 10023  
USA

**HB Electrical Mfg. Co., Inc.**  
P.O. Box 1466  
Mansfield, Ohio 44901  
USA

**HB Switchgear (Contactors) Ltd.**  
Ipswich Road  
Cardiff CF3 7XP, Wales  
UNITED KINGDOM

**Harbilt Electric Vehicles Ltd.**  
Rockingham Road  
Market Harborough  
Leicestershire LE16 7PU  
ENGLAND

**Huber Engineering Co.**  
P.O. Box 17  
Galva, Illinois 61434  
USA

**Hunter Manufacturing Co.**  
30525 Aurora Road  
Cleveland (Solon), Ohio 44139  
USA

**Transitron**  
745 Fort Street  
Honolulu, Hawaii 96813  
USA

**Triad Services, Inc.**  
10611 Haggerty Street  
Dearborn, Michigan 48126  
USA

**Trojan Battery Co.**  
9440 Ann St.  
Santa Fe Springs, Calif. 90670  
USA

**University of South Florida**  
College of Engineering  
Fowler Avenue  
Tampa, Florida 33620  
USA

**Lansing Bagnall, Ltd.**  
Kingsclere Road  
Basingstoke, Hampshire RG21 2XJ  
ENGLAND

**Lucas Industries Limited**  
Great King Street  
Birmingham B19 2XF  
ENGLAND

**McKee Engineering Corporation**  
411 West Colfax Street  
Palatine, Illinois 60067  
USA

**Marathon Electric Vehicles Ltd.**  
8305 Le Creusot St.  
Montreal H1P 2A2, Quebec  
CANADA

**Mawdsley's Ltd.**  
Dursley  
Gloucestershire GL11 5AE  
ENGLAND

**Melex U.S.A., Inc.**  
1201 Front St., Suite 210  
Raleigh, North Carolina 27609  
USA

**Newton Aids Ltd.**  
2-A Conway Street  
London W4P 5HE  
ENGLAND

**Nissan Motor Co. Ltd.**  
1, Natsushima-cho  
Yokosuka  
JAPAN

**VARTA Batterie AG**  
Am Leineufer 51, Postfach 210540  
D-3000 Hannover 21  
GERMANY

**VARTA Batteries Ltd.**  
Industrial Division  
5000 Francios Cusson  
Lachine  
Quebec H8T 1B3  
CANADA

**Volkswagen Werk AG**  
Abteilungsleiter Forschung 6  
318 Wolfsburg  
GERMANY

W. & E. Vehicles  
Harlescott  
Shrewbury SY1 3AE  
ENGLAND

**S.A.F.T. (Societe des Accumulateurs  
Fixes et de Traction)**  
119 Avenue de President Wilson  
Levallois-Perret 92300  
FRANCE

**SGL Batteries Manufacturing Co.**  
14650 Dequindre  
Detroit, Michigan 48212  
USA

**Sebring-Vanguard, Inc.**  
Sebring Industrial Park  
Sebring, Fla. 33870  
USA

**Smith's Electric Vehicles Limited**  
P.O. Box No. 6, Marquisway,  
Team Valley Trading Estate  
Gateshead, County Durham NE8 1YT  
ENGLAND

**Sociedad Espanola del Acumulador  
Tudor, S.A.**  
Gaztambide, 49  
Madrid, 15  
SPAIN

**SOVEL S.A.**  
164 Rue Leon Blum  
69608 Villeurbanne  
FRANCE

**Spykstaal B.V.**  
P.O. Box 9  
Spijkenisse  
NETHERLANDS

**C.H. Waterman Industries**  
White Pond Road  
Athol, Massachusetts 01331  
USA

**White Materials Handling**  
130 Ninth Avenue South  
Hopkins, Minn. 55343  
USA

**Yardney Electric Corporation**  
82 Mechanic Street  
Pawcatuck, Connecticut 02891  
USA

**Yuasa Battery Co., Ltd.**  
Josai-cho, Takatsuki  
Osaka  
JAPAN