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## Mike's Trucking Service

### 1.0 Executive Summary

Mike's Trucking Service (Mike's Trucking) is a Dallas, Texas-based trucking company whose mission is to become one of the largest trucking companies servicing the United States. The company's strategy is to consolidate its excellent customer and client service by making timely deliveries, hiring the best drivers, and having a competitive pricing structure. Mike's Trucking plans to acquire the best equipment for the job.

Mike's Trucking will focus mainly on the food industry companies in the United States. However, in the future the company plans to diversify into other industries. In addition, the company will provide its services to the following companies: supply companies, lumberyards, and many other potential companies that use hauling for their cargo.

Companies with whom we compete are Dynasty, Venture, Ace, and ACME. We have a competitive advantage, however, because of our reputation in the industry and competitive pricing of services.

The company is seeking financing in the amount of $\$ 125,000$ for the purpose of financing the acquisition of trucks, equipment, and funding operating expenses. Projected revenues for 2000 to 2002 are $\$ 100,000, \$ 150,000$, and $\$ 200,000$, respectively.

### 1.1 Mission

The mission of Mike's Trucking is to be the leading trucking company servicing the United States.

### 2.0 The Company

Mike's Trucking Service is a Texas LLC, with principal offices located in Dallas, Texas. Mike Smith, president and CEO, is the majority owner. He has been in the trucking business for 15 years.

## Mike's Trucking Service

### 2.1 Company History

Mike's Trucking has been in business for one year. We have maintained financial stability during its first year of operation due to the extensive industry experience of our management team.

Table: Past Performance

| Past Performance |  |  |  |
| :---: | :---: | :---: | :---: |
|  | 1997 | 1998 | 1999 |
| Sales | \$0 | \$0 | \$60,000 |
| Gross Margin | \$0 | \$0 | \$42,000 |
| Gross Margin \% | 0.00\% | 0.00\% | 70.00\% |
| Operating Expenses | \$0 | \$0 | \$18,000 |
| Collection Period (Days) | 0 | 0 | 37 |
| Inventory Turnover | 0.00 | 0.00 | 0.00 |
| Balance Sheet |  |  |  |
| Short-term Assets | 1997 | 1998 | 1999 |
| Cash | \$0 | \$0 | \$500 |
| Accounts Receivable | \$0 | \$0 | \$10,000 |
| Inventory | \$0 | \$0 | \$5,000 |
| Other Short-term Assets | \$0 | \$0 | \$0 |
| Total Short-term Assets | \$0 | \$0 | \$15,500 |
| Long-term Assets |  |  |  |
| Capital Assets | \$0 | \$0 | \$40,000 |
| Accumulated Depreciation | \$0 | \$0 | \$4,000 |
| Total Long-term Assets | \$0 | \$0 | \$36,000 |
| Total Assets | \$0 | \$0 | \$51,500 |
| Capital and Liabilities |  |  |  |
|  | 1997 | 1998 | 1999 |
| Accounts Payable | \$0 | \$0 | \$3,500 |
| Current Borrowing | \$0 | \$0 | \$20,000 |
| Other Short-term Liabilities | \$0 | \$0 | \$500 |
| Subtotal Short-term Liabilities | \$0 | \$0 | \$24,000 |
| Long-term Liabilities | \$0 | \$0 | \$25,000 |
| Total Liabilities | \$0 | \$0 | \$49,000 |
| Paid-in Capital | \$0 | \$0 | \$0 |
| Retained Earnings | \$0 | \$0 | \$2,500 |
| Earnings | \$0 | \$0 | \$0 |
| Total Capital | \$0 | \$0 | \$2,500 |
| Total Capital and Liabilities | \$0 | \$0 | \$51,500 |
| Other Inputs | 1997 | 1998 | 1999 |
| Payment Days | 0 | 0 | 30 |
| Sales on Credit | \$0 | \$0 | \$50,000 |
| Receivables Turnover | 0.00 | 0.00 | 5.00 |

## Past Performance



### 3.0 Services

The trucking industry provides transportation services for persons or companies looking to haul heavy things. Mike's Trucking enables someone to lease a truck, of any size, for any project that needs hauling. We will provide this service to the whole of the Dallas area, and hope to expand from this base area within the first five years of operation.

This service is provided on two bases: for-hire and private carriers. Of these two segments, Mike's Trucking will concentrate on the for-hire carriers, and, more specifically, the truckload (TL) and less-than-truckload (LTL) segments. The services offered, and the markets being targeted, are discussed throughout the following section.

### 4.0 Market Analysis Summary

Mike's Trucking has an opportunity to entrench its competitive position in the regional transportation market by selectively focusing its target market on the food industry. The company has already had experience in servicing such clients and it believes that there is a growing demand for reliable transportation solutions in this customer segment.

## Mike's Trucking Service

### 4.1 Market Segmentation

There are several potential customer segments that we will provide our transportation services to. Major customer segments include the food industry, PC and semiconductor manufacturers, and retailers. The chart and table below outline the current market size and growth estimates for these customer segments in Texas.

Large established companies in the afore-mentioned segments (especially in the food industry) have their own truck fleets, while smaller players outsource the transportation function. The latter vary in the scale of their operations, but have a steady demand for reliable transportation solutions. We will actively solicit such customers.

## Market Analysis (Pie)



Table: Market Analysis

| Market Analysis | Growth | 2000 | 2001 | 2002 | 2003 | 2004 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Potential Customers | $3 \%$ | 3,000 | 3,090 | 3,183 | 3,278 | 3,376 |
| Food Industry | $5 \%$ | 1,500 | 1,575 | 1,654 | $3.00 \%$ |  |
| Computer Industry | $2 \%$ | 1,500 | 1,530 | 1,561 | 1,597 | 1,824 |
| Retail Industry | $2 \%$ | 500 | 510 | $5.01 \%$ |  |  |
| Other | $3.17 \%$ | 6,500 | 6,705 | 6,918 | 1,624 | $2.01 \%$ |
| Total |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

### 4.2 Target Market Segment Strategy

Mike's Trucking will focus its marketing budget on a selected industry niche. A narrow-served market focus will help strengthen the company's reputation of a reliable transportation services provider and will generate favorable referrals.

The major customer segment the company is focusing on is the food industry. Companies in this segment have varying needs, and Mike's Trucking has already gained valuable experience serving such customers. The company management believes that by increasing its truck fleet it can capture additional clients and provide better service to existing clients.

### 4.3 Service Business Analysis

## Market Description Industry: Trucking, except local

Establishments that are primarily engaged in furnishing "over-the-road" trucking services or trucking and storage services for freight generally weighing more than 100 pounds. Such operations are principally outside a single municipality, group of contiguous municipalities, or municipality and its suburban areas.

## Market Size Statistics

| Estimated number of U.S. establishments | 48,117 |
| :--- | :--- |
| Number of people employed in this industry | 812,712 |
| Total annual sales in this industry | $\$ 139$ million |
| Average employees per establishment | 17 |
| Average sales per establishment | $\$ 3.6$ million |

Standard \& Poor's estimates that the U.S. commercial freight transportation market had aggregate revenues of $\$ 436$ billion in 1998. In other words, five cents of every dollar of U.S. gross domestic product that year was spent on transportation.

## Industry trends

While a driver shortage continues to plague the TL sector, the LTL carriers have adapted to changing market conditions in order to capitalize on growth opportunities. Intermodal shippers also stand to benefit from market trends. And the evolution of electronic commerce stands to intensify competition among all carriers.

## Truckers Dominate Freight Market

Based on value of service, trucking (excluding warehousing and logistics) accounted for 79\%, or some $\$ 344$ billion, of U.S. commercial freight revenues in 1998, but only $45 \%$ of total ton miles. This is because products transported by truck tend to be lightweight, manufactured goods that move short distances, rather than the heavy, long haul, bulk commodities that travel by rail and barge.

Motor carriers specialize in higher-value freight that moves 750 miles or less and for which delivery is required within three days. Some $36 \%$ of truck freight (measured by shipping cost) never crosses state lines. Examples of this type of freight are food and consumer staples delivered locally, and manufactured goods shipped between commercial establishments or delivered to consumers or retail outlets.

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Truckers have the largest share of the freight market. Unlike railroads, pipelines, or water carriers, they don't face geographic limits caused by physical constraints, and can offer door-to-door service. They also pay relatively little to use the nation's highway system. Railroads, by contrast, must build, maintain, and police their rights-of-way.

The trucking industry consists of two broad segments: private and for hire. In turn, for-hire truckers fall into two broad categories: truckload and less-than-truckload carriers.

### 4.3.1 Business Participants

## Trucking

With some $\$ 344$ billion in 1998 revenues, the trucking (or motor carrier) business claimed $79 \%$ of the U.S. commercial freight transportation market. This total was divided among two sectors: private carriage and for hire.

Figure 2. Commercial Freight Distribution

| Transportation | Billion $\$$ | \% of Total |
| :--- | :---: | :---: |
| Trucking, Total | $\$ 344$ | $63.6 \%$ |
| Private, Interstate | $\$ 115$ | $21.3 \%$ |
| Private, Local | $\$ 85$ | $15.7 \%$ |
| Truckload | $\$ 65$ | $12.0 \%$ |
| Local For-Hire | $\$ 40$ | $7.4 \%$ |
| LTL, National | $\$ 9$ | $1.7 \%$ |
| LTL, Regional | $\$ 11$ | $2.0 \%$ |
| Package/Express (ground) | $\$ 19$ | $3.5 \%$ |
| Railroad | $\$ 36$ | $6.7 \%$ |
| Pipeline (oil and gas) | $\$ 26$ | $4.8 \%$ |
| Air Freight, Package Domestic | $\$ 17$ | $3.1 \%$ |
| Air Freight, Heavy Domestic | $\$ 6$ | $1.1 \%$ |
| Water (Great Lakes/rivers) | $\$ 7$ | $1.3 \%$ |
| Transportation Total* | $\$ 436$ | $80.6 \%$ |
| Logistics Administration | $\$ 35$ | $6.5 \%$ |
| Distribution Total | $\mathbf{\$ 1 0 5}$ | $\mathbf{1 9 . 4 \%}$ |
| Total* | $\mathbf{\$ 5 4 1}$ | $\mathbf{1 0 0 . 0 \%}$ |

*Excluding \$ 5 billion in international cargo.
Sources: Standard \& Poor's, Data Resources, Inc., and Cass Information Systems.

## Private carriers

Although private carriers comprise the largest component of the motor-carrier industry, financial information isn't available for them. However, the industry is estimated to provide services valued at some $\$ 200$ billion annually (or $58 \%$ of motor carrier revenues in 1998).

The American Trucking Association (ATA) estimates that there are more than three million trucks operated by private fleets transporting 3.5 billion tons of freight annually.

## For-hire carriers

The for-hire category generated $\$ 144$ billion in 1998, or $42 \%$ of the industry total. Of that

## Mike's Trucking Service

$\$ 144$ billion, some $\$ 105$ billion ( $73 \%$ of the sector's business) came from truckload shipments, and $\$ 39$ billion ( $27 \%$ ) was from less-than-truckload and package/express delivery.

- Truckload (TL). The national for-hire truckload segment had total revenues of $\$ 65$ billion in 1998. The TL sector has historically been mostly privately owned, with the exception of the top ten publicly-owned companies (For this reason, we focused on the LTL sector in this survey). Schneider National Carriers was the largest TL operator, with revenues of $\$ 2.8$ billion in 1998, followed by J.B. Hunt Transport Services ( $\$ 1.8$ billion), and the Landstar family of truckload-carriers ( $\$ 1.3$ billion). Of the 50,000 truck load carriers, perhaps 95\% had annual revenues of less than $\$ 1$ million.
- Less-than-truckload (LTL). The ATA estimates that the less-than-truckload market garnered $\$ 20$ billion in 1998. Of this amount, the fast-growing regional segment accounted for slightly more than the national market.

The largest national LTL carrier was Roadway Express Inc., with $\$ 2.32$ billion in LTL revenues in 1998; the company's total revenue of $\$ 2.55$ billion includes TL freight. Yellow Freight System (a unit of Yellow Corporation) was close behind, with $\$ 2.25$ billion (out of $\$ 2.46$ billion total). Consolidated Freightways Corporation was third, with $\$ 1.95$ billion in LTL revenues.

In the regional LTL market, Con-Way Transportation (a unit of CNF Transportation Inc.) was the largest player, with $\$ 1.5$ billion in LTL revenue in 1998. Second place belonged to US Freightways, whose family of five carriers generated some 41.4 billion in LTL revenue. American Freightways Corporation was third, with $\$ 928$ million in less-than-truckload revenues.

### 4.3.2 Competition and Buying Patterns

Although there are major players in each of the commercial carrier market segments, the market remains highly fragmented. According to the Dallas Yellow Pages, there are numerous companies providing different kinds of the trucking services. Major competitors for Mike's Trucking are those companies who have comparable truck fleets and are also targeting the food industry.

Market research shows that customers in the food industry are price sensitive, and they value on-time deliveries, special handling capabilities, and less-than-truckload orders. Customer referrals and carrier's reputation are believed to strongly influence the buying decision.

### 4.3.3 Risks

The company recognizes that it is subject to both market and industry risks. The two primary risks to the company are:

- Industry concentration risk. The company is mainly focused on food industry businesses in the United States. This position is favorable since the industry is fairly stable. Any slow down in the food production would have negative repercussions for Mike's Trucking. To mitigate this risk, the company is looking at diversifying its trucking business to include other industries as well.
- Operational risk. Mike's Trucking recognizes the fact that there is an inherent risk in transporting cargo. Any damage to cargo may undermine the profitable of the company. To reduce this risk, the company maintains all necessary insurance.


### 5.0 Strategy

The strategy of Mike's Trucking is to consolidate its good customer and client service by making timely deliveries, hiring the best drivers and having a competitive pricing structure. The company's goal in the next year is to become an independently-run business entity without having any contracted services. We would like to fully manage our trucking operation, from hiring drivers to sourcing business. The company's goal within the next five years is to operate a full-service trucking business with a fleet of trucks, "hot-shot" trucks, and minifloat loads. Mike's Trucking would like to be in a position to handle any job available at this stage.

Key components of our initial strategy can be summarized as follows:

- Expand fleet of trucks. The company is currently working to expand on its existing fleet of trucks. This will enable us to increase the number of customers we are able to serve.
- Establish independent status.The company is currently operating under fee sharing, but is working to become independent and manage its own operations, from sourcing to daily management.
- Establish a complete trucking business. The company is currently working toward becoming a complete trucking business with a fleet of trucks which includes long-haul trucks. The management of the company has identified a good customer base which it can tap into once all the necessary equipment has been acquired. This will enable the company to service areas outside its current domain and increase profit levels.


### 5.1 Value Propositions

Mike's Trucking offers the following advantages to customers.

- Quality Service. We provide our customers with courteous, prompt, and dependable service. The company has a reputation for timely deliveries and the best drivers in the industry, and intends to build upon that.
- Competitive rates. We will provide competitive rates for our customers because we have low cost inputs.
- Package handling. By maintaining dependable and safe equipment, we will ensure that there is no damage to customer's cargo.


### 5.2 Competitive Edge

Our major competitive advantage is the vast industry experience and solid reputation of its owner, Mike Smith. His company is also well known among its clients for going that extra mile in the customer-service department.

### 5.3 Marketing Strategy

We markets our services as solutions to the many companies requiring cargo to be transported promptly and efficiently. The company's future marketing plans will be nationwide, emphasizing haulage capabilities for any cargo. The overall marketing plan for services is based on the following fundamentals:

- The segment of the market(s) planned to reach.
- Distribution channels planned to reach market segments: television, radio, sales associates, and mailings.
- Share of the market expected to capture over a fixed period of time.


### 5.3.1 Pricing

At the time of this writing, Mike's Trucking has a lease arrangement with various companies. The company's pricing is based on miles per thousands of pounds of cargo transported. We will be able charge competitive rates, as we have minimal overhead compared to our competition. The table below sketches out the pricing structure; for a key to this table please see asterisks at the bottom of the page.

Figure 3. The company's pricing structure.

|  | 0-1500 lbs. FAK* | $\begin{gathered} \text { 1501-6000 lbs. } \\ \text { FAK* } \end{gathered}$ | $\begin{gathered} \text { 6001-16000 lbs. } \\ \text { FAK* } \end{gathered}$ | $\begin{aligned} & \text { 16001-30000 } \\ & \text { lbs. FAK* } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: |
|  | Hot Shot** | Stakebed** | Minifloat** | Single Axle** |
| Mileage: |  |  |  |  |
| 10 | \$50 | \$90 | \$115 | \$196 |
| 20 | \$50 | \$90 | \$137 | \$210 |
| 30 | \$50 | \$90 | \$155 | \$228 |
| 40 | \$52 | \$90 | \$175 | \$247 |
| 50 | \$65 | \$94 | \$195 | \$275 |
| 60 | \$77 | \$105 | \$200 | \$300 |
| 70 | \$90 | \$115 | \$220 | \$356 |
| 80 | \$104 | \$124 | \$240 | \$375 |
| 90 | \$116 | \$140 | \$255 | \$409 |
| 100 | \$130 | \$155 | \$270 | \$438 |
| 110 | \$140 | \$170 | \$290 | \$477 |
| 120 | \$157 | \$185 | \$305 | \$500 |
| 130 | \$170 | \$200 | \$316 | \$526 |
| 140 | \$183 | \$215 | \$335 | \$530 |
| 150 | \$195 | \$230 | \$350 | \$540 |
| 160 | \$210 | \$249 | \$385 | \$558 |
| 170 | \$220 | \$264 | \$400 | \$575 |
| 180 | \$235 | \$279 | \$420 | \$595 |
| 190 | \$250 | \$295 | \$450 | \$615 |
| 200 | \$260 | \$305 | \$480 | \$630 |
| 210 | \$275 | \$325 | \$505 | \$645 |
| 220 | \$288 | \$341 | \$530 | \$660 |
| 230 | \$300 | \$357 | \$555 | \$685 |
| 240 | \$313 | \$372 | \$580 | \$700 |
| 250 | \$325 | \$385 | \$600 | \$710 |
| 260 | \$340 | \$400 | \$615 | \$720 |

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| 270 | $\$ 355$ | $\$ 419$ | $\$ 630$ | $\$ 730$ |
| :--- | :--- | :--- | :--- | :--- |
| 280 | $\$ 367$ | $\$ 434$ | $\$ 645$ | $\$ 745$ |
|  | * FAK $=$ Freight of all kinds. |  |  |  |
| $\quad * *$ Types of trucks. |  |  |  |  |

### 5.3.2 Marketing Plan

Market Responsibilities. Mike's Trucking is committed to an extensive promotional campaign. To accomplish initial sales goals, the company will require an extremely effective promotional campaign to accomplish two primary objectives:

1. Attract quality sales/service personnel with a desire to be successful.
2. Attract customers that will consistently look to Mike's Trucking for their hauling needs.

Promotion. In addition to standard advertisement practices, Mike's Trucking will gain considerable recognition through these additional promotional mediums:

- Press releases sent to radio stations, newspapers, and magazines.
- Radio advertising on secondary stations.
- We plan to advertise nationally, in magazines and newspapers, on television and radio, and on billboards.

Incentives. As an extra incentive for customers and potential customers to remember the name, Mike's Trucking plans to distribute coffee mugs, T-shirts, pens, and other advertising specialties with the company logo.

Brochures. The objective of a brochure is to portray the company's goals and products as an attractive functionality. Mike's Trucking will develop three brochures: one to be used to promote sales, one to announce the product in a new market, and the third to recruit sales associates.

### 5.4 Sales Strategy

The company will base its sales strategy on increasing the sales from its existing customers, and also to target new businesses. For the latter purpose, we will employ a part-time sales representative.

A customer survey has shown that currently Mike's Trucking is losing sales from its existing clients because the company cannot provide certain types of services. The customers have also shown interest in giving more business to Mike's Trucking once the company increases its truck fleet to handle special orders. Once the new trucks are purchased, we will notify our clientele of the new services and pitch our services to the new businesses. We will further continue our policy of only accepting jobs which can be delivered with high customer satisfaction. Orders that require outsourcing will be gradually eliminated so that we can provide total quality control over the services we render.

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Sales Monthly (Planned)


Table: Sales Forecast (Planned)

| Sales Forecast |  |  |  |
| :--- | ---: | ---: | ---: |
| Sales | 2000 | 2001 | 2002 |
| Trucking Services | $\$ 100,000$ | $\$ 250,000$ | $\$ 400,000$ |
| Other | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Total Sales | $\$ 100,000$ | $\$ 250,000$ | $\$ 400,000$ |
|  |  |  |  |
| Direct Cost of Sales | 2000 | 2001 | 2002 |
| Trucking Services | $\$ 20,000$ | $\$ 50,000$ | $\$ 80,000$ |
| Other | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Subtotal Direct Cost of Sales | $\$ 20,000$ | $\$ 50,000$ | $\$ 80,000$ |

## Mike's Trucking Service

### 6.0 Management Summary

The company's management is minimal in order to reduce the overhead. Mike Smith, the company owner and president, makes all executive decisions. At the moment, he also generates most of the sales leads. Joan Rose works as an executive secretary who answers phone inquiries and maintains the customer database. A part-time sales representative will be hired to solicit new business once the company acquires new trucks. In the years 2001-2002, the administrative staff is planned to increase in order to handle the higher sales volume. In the future, a sales manager will be hired to allow Mr. Smith more time to dedicate himself to company management.

Table: Personnel (Planned)

| Personnel Plan |  |  |  |
| :--- | ---: | ---: | ---: |
|  | 2000 | 2001 | 2002 |
| Mike Smith | $\$ 18,000$ | $\$ 20,000$ | $\$ 30,000$ |
| Joan Rose | $\$ 12,000$ | $\$ 15,000$ | $\$ 20,000$ |
| Other | $\$ 0$ | $\$ 15,000$ | $\$ 40,000$ |
| Total Payroll | $\$ 30,000$ | $\$ 50,000$ | $\$ 90,000$ |
|  |  |  |  |
| Total People | 2 | 3 | 4 |
| Payroll Burden | $\$ 4,500$ | $\$ 7,500$ | $\$ 13,500$ |
| Total Payroll Expenditures | $\$ 34,500$ | $\$ 57,500$ | $\$ 103,500$ |

### 6.1 Organization

The company's management philosophy is based on responsibility and mutual respect. Mike's Trucking maintains an environment that stimulates productivity and emphasizes respect for customers and fellow employees. The company structure is linear, which lends the staff responsibilities and decision-making power.

### 6.2 Officers and Key Employees

The management of Mike's Trucking is highly experienced and qualified. Mike Smith, president and CEO, has been involved in the trucking industry for 15 years. He is well respected by the trucking professionals with whom he has worked. All administrative functions are performed by Joan Rose, who has worked with Mr. Smith for the last seven years. She posesses extraordinary customer service and database management skills.

## Mike's Trucking Service

### 7.0 Finance

## Funding Requirements and Uses

The company is raising $\$ 125,000$ for the purpose of financing equipment purchases to meet a growing demand for its services. The company management has reason to believe that an increased truck fleet wil assist the company in its effort to widen its market offering and increase sales.

### 7.1 Significant Assumptions

The following table highlights the important general assumptions of Mike's Trucking. Interest rates, tax rates, and personnel burden are based on conservative assumptions.

Table: General Assumptions
General Assumptions

Short-term Interest Rate \% Long-term Interest Rate \% Tax Rate \%
Expenses in Cash \%
Sales on Credit \%
Personnel Burden \%

| 2000 | 2001 | 2002 |
| ---: | ---: | ---: |
| $10.00 \%$ | $10.00 \%$ | $10.00 \%$ |
| $10.00 \%$ | $10.00 \%$ | $10.00 \%$ |
| $25.00 \%$ | $25.00 \%$ | $25.00 \%$ |
| $10.00 \%$ | $10.00 \%$ | $10.00 \%$ |
| $20.00 \%$ | $20.00 \%$ | $20.00 \%$ |
| $15.00 \%$ | $15.00 \%$ | $15.00 \%$ |

## Mike's Trucking Service

### 7.2 Break-even Analysis

The break-even chart and table below indicate that 22 runs per month are necessary for the company to make enough to cover monthly expenses.

## Break-even Analysis



Break-even point $=$ where line intersects with 0

Table: Break-even Analysis

| Break-even Analysis: |  |
| :--- | ---: |
| Monthly Units Break-even | 22 |
| Monthly Sales Break-even | $\$ 4,375$ |
| Assumptions: |  |
| Average Per-Unit Revenue | $\$ 200.00$ |
| Average Per-Unit Variable Cost | $\$ 40.00$ |
| Estimated Monthly Fixed Cost | $\$ 3,500$ |

## Mike's Trucking Service

### 7.3 Income Statements - Projected

The table below summarizes our projected income statement for the first three years of plan implementation, fiscal years 2000, 2001, and 2002. As with the other tables, the Profit and Loss table is projected to be quite conservative. The detailed monthly projection can be found in the appendices.

Table: Profit and Loss (Planned)

| Pro Forma Profit and Loss |  |  |  |
| :---: | :---: | :---: | :---: |
|  | 2000 | 2001 | 2002 |
| Sales | \$100,000 | \$250,000 | \$400,000 |
| Direct Cost of Sales | \$20,000 | \$50,000 | \$80,000 |
| Other | \$0 | \$0 | \$0 |
| Total Cost of Sales | \$20,000 | \$50,000 | \$80,000 |
| Gross Margin | \$80,000 | \$200,000 | \$320,000 |
| Gross Margin \% | 80.00\% | 80.00\% | 80.00\% |
| Operating Expenses: |  |  |  |
| Advertising/Promotion | \$1,200 | \$3,000 | \$5,000 |
| Travel | \$3,600 | \$5,000 | \$7,000 |
| Sales commission | \$1,800 | \$4,000 | \$5,000 |
| Miscellaneous | \$480 | \$1,000 | \$1,500 |
| Payroll Expense | \$30,000 | \$50,000 | \$90,000 |
| Payroll Burden | \$4,500 | \$7,500 | \$13,500 |
| Depreciation | \$4,800 | \$5,000 | \$5,500 |
| Depreciation | \$0 | \$0 | \$0 |
| Fuel \& Maintenance | \$6,000 | \$12,000 | \$20,000 |
| Utilities | \$2,400 | \$3,000 | \$3,500 |
| Insurance | \$4,800 | \$5,000 | \$6,000 |
| Contract/Consultants | \$0 | \$0 | \$0 |
| Total Operating Expenses | \$59,580 | \$95,500 | \$157,000 |
| Profit Before Interest and Taxes | \$20,420 | \$104,500 | \$163,000 |
| Interest Expense Short-term | \$1,805 | \$1,290 | \$690 |
| Interest Expense Long-term | \$10,413 | \$13,470 | \$12,670 |
| Taxes Incurred | \$2,050 | \$22,435 | \$37,410 |
| Extraordinary Items | \$0 | \$0 | \$0 |
| Net Profit | \$6,151 | \$67,305 | \$112,230 |
| Net Profit/Sales | 6.15\% | 26.92\% | 28.06\% |

## Mike's Trucking Service

### 7.4 Projected Cash Flow

The projected cash flow is presented in the chart and table below. The long-term loan in the amount of $\$ 125,000$ is expected to be received in May, 2000, which is reflected in the increase of the long-term borrowing row for that month. The company is planning to purchase two trucks (one in June and one in August) in the first year of plan implementation, 2000; corresponding transactions are reflected in the capital expenditure rows. Monthly repayments on the $\$ 125,000$ loan will be made in the amount of $\$ 1,500$.

The monthly cash flow is presented in the illustration, with one bar representing cash flow per month, and the other the monthly balance. The annual cash flow can be found in the table below, and are in monthly detail in the appendices.

Cash (Planned)


## Mike's Trucking Service

Table: Cash Flow (Planned)

| Pro Forma Cash Flow | 2000 | 2001 | 2002 |
| :--- | ---: | ---: | ---: |
| Cash Received |  |  |  |
| Cash from Operations: | $\$ 80,000$ | $\$ 200,000$ | $\$ 320,000$ |
| Cash Sales | $\$ 27,067$ | $\$ 45,600$ | $\$ 75,600$ |
| From Receivables | $\$ 107,067$ | $\$ 245,600$ | $\$ 395,600$ |
| Subtotal Cash from Operations |  |  |  |
|  |  |  |  |
| Additional Cash Received | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Extraordinary Items | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Sales Tax, VAT, HST/GST Received | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| New Current Borrowing | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| New Other Liabilities (interest-free) | $\$ 125,000$ | $\$ 0$ | $\$ 0$ |
| New Long-term Liabilities | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Sales of other Short-term Assets | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Sales of Long-term Assets | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| New Investment Received | $\$ 232,067$ | $\$ 245,600$ | $\$ 395,600$ |
| Subtotal Cash Received |  |  |  |
| Expenditures | 2000 | 2001 | 2002 |
| Expenditures from Operations: | $\$ 17,955$ | $\$ 12,020$ | $\$ 17,877$ |
| Cash Spent on Costs and Expenses | $\$ 34,500$ | $\$ 57,500$ | $\$ 103,500$ |
| Wages, Salaries, Payroll Taxes, etc. | $\$ 160,380$ | $\$ 109,734$ | $\$ 159,355$ |
| Payment of Accounts Payable | $\$ 212,835$ | $\$ 179,253$ | $\$ 280,732$ |
| Subtotal Spent on Operations |  |  |  |
|  |  | $\$ 0$ | $\$ 0$ |
| Additional Cash Spent | $\$ 3,600$ | $\$ 7,000$ | $\$ 5,000$ |
| Sales Tax, VAT, HST/GST Paid Out | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Principal Repayment of Current Borrowing | $\$ 11,300$ | $\$ 8,000$ | $\$ 8,000$ |
| Other Liabilities Principal Repayment | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Long-term Liabilities Principal Repayment | $\$ 125,000$ | $\$ 0$ | $\$ 0$ |
| Purchase Other Short-term Assets | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Purchase Long-term Assets | $\$ 125,000$ | $\$ 0$ | $\$ 0$ |
| Dividends | $\$ 227,735$ | $\$ 194,253$ | $\$ 293,732$ |
| Adjustment for Assets Purchased on Credit | $\$ 4,332$ | $\$ 51,347$ | $\$ 101,868$ |
| Subtotal Cash Spent | $\$ 4,832$ | $\$ 56,178$ | $\$ 158,046$ |
| Net Cash Flow |  |  |  |

## Mike's Trucking Service

### 7.5 Balance Sheets - Projected

The table below shows Mike's Trucking balance sheets for 2000-2002.

Table: Balance Sheet (Planned)
Pro Forma Balance Sheet

| Assets |  |  |  |
| :--- | ---: | ---: | ---: |
| Short-term Assets | 2000 | 2001 | 2002 |
| Cash | $\$ 4,832$ | $\$ 56,178$ | $\$ 158,046$ |
| Accounts Receivable | $\$ 2,933$ | $\$ 7,333$ | $\$ 11,733$ |
| Other Short-term Assets | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Total Short-term Assets | $\$ 7,765$ | $\$ 63,512$ | $\$ 169,780$ |
| Long-term Assets |  |  |  |
| Long-term Assets | $\$ 165,000$ | $\$ 165,000$ | $\$ 165,000$ |
| Accumulated Depreciation | $\$ 8,800$ | $\$ 13,800$ | $\$ 19,300$ |
| Total Long-term Assets | $\$ 156,200$ | $\$ 151,200$ | $\$ 145,700$ |
| Total Assets | $\$ 163,965$ | $\$ 214,712$ | $\$ 315,480$ |
|  |  |  |  |
| Liabilities and Capital | 2000 |  |  |
|  | $\$ 4,714$ | $\$ 3,156$ | $\$ 4,693$ |
| Accounts Payable | $\$ 16,400$ | $\$ 9,400$ | $\$ 4,400$ |
| Current Borrowing | $\$ 500$ | $\$ 500$ | $\$ 500$ |
| Other Short-term Liabilities | $\$ 21,614$ | $\$ 13,056$ | $\$ 9,593$ |
| Subtotal Short-term Liabilities |  |  |  |
|  | $\$ 138,700$ | $\$ 130,700$ | $\$ 122,700$ |
| Long-term Liabilities | $\$ 160,314$ | $\$ 143,756$ | $\$ 132,293$ |
| Total Liabilities |  |  |  |
|  | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Paid-in Capital | $(\$ 2,500)$ | $\$ 3,651$ | $\$ 70,956$ |
| Retained Earnings | $\$ 6,151$ | $\$ 67,305$ | $\$ 112,230$ |
| Earnings | $\$ 3,651$ | $\$ 70,956$ | $\$ 183,186$ |
| Total Capital | $\$ 163,965$ | $\$ 214,712$ | $\$ 315,480$ |
| Total Liabilities and Capital | $\$ 3,651$ | $\$ 70,956$ | $\$ 183,186$ |
| Net Worth |  |  |  |

### 7.6 Business Ratios

The following table includes Industry Profile statistics for the trucking industry, as determined by the Standard Industry Classification (SIC) Index. The SIC Code for this plan is 4213, and the SIC Description is Trucking except local. These statistics show a comparison of industry standards and key ratios for this plan.

Mike's Trucking Service

Table: Ratios (Planned)

| Ratio Analysis |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2000 | 2001 | 2002 | Industry Profile |
| Sales Growth | 66.67\% | 150.00\% | 60.00\% | 5.60\% |
| Percent of Total Assets |  |  |  |  |
| Accounts Receivable | 1.79\% | 3.42\% | 3.72\% | 19.70\% |
| Inventory | 0.00\% | 0.00\% | 0.00\% | 1.00\% |
| Other Short-term Assets | 0.00\% | 0.00\% | 0.00\% | 22.30\% |
| Total Short-term Assets | 4.74\% | 29.58\% | 53.82\% | 43.00\% |
| Long-term Assets | 95.26\% | 70.42\% | 46.18\% | 57.00\% |
| Total Assets | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Other Short-term Liabilities | 0.30\% | 0.23\% | 0.16\% | 30.80\% |
| Subtotal Short-term Liabilities | 13.18\% | 6.08\% | 3.04\% | 25.80\% |
| Long-term Liabilities | 84.59\% | 60.87\% | 38.89\% | 27.00\% |
| Total Liabilities | 97.77\% | 66.95\% | 41.93\% | 52.80\% |
| Net Worth | 2.23\% | 33.05\% | 58.07\% | 47.20\% |
| Percent of Sales |  |  |  |  |
| Sales | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Gross Margin | 80.00\% | 80.00\% | 80.00\% | 100.00\% |
| Selling, General \& Administrative Expenses | 73.85\% | 53.08\% | 51.94\% | 82.10\% |
| Advertising Expenses | 1.20\% | 1.20\% | 1.25\% | 0.20\% |
| Profit Before Interest and Taxes | 20.42\% | 41.80\% | 40.75\% | 1.10\% |
| Main Ratios |  |  |  |  |
| Current | 0.36 | 4.86 | 17.70 | 1.32 |
| Quick | 0.36 | 4.86 | 17.70 | 1.07 |
| Total Debt to Total Assets | 97.77\% | 66.95\% | 41.93\% | 57.80\% |
| Pre-tax Return on Net Worth | 893.89\% | 168.08\% | 96.27\% | 2.50\% |
| Pre-tax Return on Assets | 19.91\% | 55.54\% | 55.90\% | 6.00\% |
| Business Vitality Profile | 2000 | 2001 | 2002 | Industry |
| Sales per Employee | \$50,000 | \$83,333 | \$100,000 | \$0 |
| Survival Rate |  |  |  | 0.00\% |
| Additional Ratios | 2000 | 2001 | 2002 |  |
| Net Profit Margin | 6.15\% | 26.92\% | 28.06\% | n.a |
| Return on Equity | 168.47\% | 94.85\% | 61.27\% | n.a |
| Activity Ratios |  |  |  |  |
| Accounts Receivable Turnover | 6.82 | 6.82 | 6.82 | n.a |
| Collection Days | 118 | 37 | 43 | n.a |
| Inventory Turnover | 0.00 | 0.00 | 0.00 | n.a |
| Accounts Payable Turnover | 34.28 | 34.28 | 34.28 | n.a |
| Total Asset Turnover | 0.61 | 1.16 | 1.27 | n.a |
| Debt Ratios |  |  |  |  |
| Debt to Net Worth | 43.91 | 2.03 | 0.72 | n.a |
| Short-term Liab, to Liab. | 0.13 | 0.09 | 0.07 | n.a |
| Liquidity Ratios |  |  |  |  |
| Net Working Capital | $(\$ 13,849)$ | \$50,456 | \$160,186 | n.a |
| Interest Coverage | 1.67 | 7.08 | 12.20 | n.a |
| Additional Ratios |  |  |  |  |
| Assets to Sales | 1.64 | 0.86 | 0.79 | n.a |
| Current Debt/Total Assets | 13\% | 6\% | 3\% | n.a |
| Acid Test | 0.22 | 4.30 | 16.47 | n.a |
| Sales/Net Worth | 27.39 | 3.52 | 2.18 | n.a |
| Dividend Payout | \$0 | 0.00 | 0.00 | n.a |

## Appendix

## Appendix Table: Sales Forecast (Planned)

| Sales Forecast |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sales | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Trucking Services | \$6,000 | \$6,000 | \$7,000 | \$7,000 | \$8,000 | \$8,000 | \$9,000 | \$9,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 |
| Other | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Sales | \$6,000 | \$6,000 | \$7,000 | \$7,000 | \$8,000 | \$8,000 | \$9,000 | \$9,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 |
| Direct Cost of Sales | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Trucking Services | \$1,200 | \$1,200 | \$1,400 | \$1,400 | \$1,600 | \$1,600 | \$1,800 | \$1,800 | \$2,000 | \$2,000 | \$2,000 | \$2,000 |
| Other | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Subtotal Direct Cost of Sales | \$1,200 | \$1,200 | \$1,400 | \$1,400 | \$1,600 | \$1,600 | \$1,800 | \$1,800 | \$2,000 | \$2,000 | \$2,000 | \$2,000 |

## Appendix

## Appendix Table: Personnel (Planned)

| Personnel Plan |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Mike Smith | \$1,500 | \$1,500 | \$1,500 | \$1,500 | \$1,500 | \$1,500 | \$1,500 | \$1,500 | \$1,500 | \$1,500 | \$1,500 | \$1,500 |
| Joan Rose | \$1,000 | \$1,000 | \$1,000 | \$1,000 | \$1,000 | \$1,000 | \$1,000 | \$1,000 | \$1,000 | \$1,000 | \$1,000 | \$1,000 |
| Other | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Payroll | \$2,500 | \$2,500 | \$2,500 | \$2,500 | \$2,500 | \$2,500 | \$2,500 | \$2,500 | \$2,500 | \$2,500 | \$2,500 | \$2,500 |
| Total People | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Payroll Burden | \$375 | \$375 | \$375 | \$375 | \$375 | \$375 | \$375 | \$375 | \$375 | \$375 | \$375 | \$375 |
| Total Payroll Expenditures | \$2,875 | \$2,875 | \$2,875 | \$2,875 | \$2,875 | \$2,875 | \$2,875 | \$2,875 | \$2,875 | \$2,875 | \$2,875 | \$2,875 |

## Appendix

## Appendix Table: General Assumptions

| General Assumptions |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Shor-term Interest Rate \% | 10.00\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% |
| Long-term Interest Rate \% | 10.00\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% |
| Tax Rate \% | 25.00\% | 25.00\% | 25.00\% | 25.00\% | 25.00\% | 25.00\% | 25.00\% | 25.00\% | 25.00\% | 25.00\% | 25.00\% | 25.00\% |
| Expenses in Cash\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% | 10.00\% |
| Sales on Credit \% | 20.00\% | 20.00\% | 20.00\% | 20.00\% | 20.00\% | 20.00\% | 20.00\% | 20.00\% | 20.00\% | 20.00\% | 20.00\% | 20.00\% |
| Personnel Burden \% | 15.00\% | 15.00\% | 15.00\% | 15.00\% | 15.00\% | 15.00\% | 15.00\% | 15.00\% | 15.00\% | 15.00\% | 15.00\% | 15.00\% |

Appendix

## Appendix Table: Profit and Loss (Planned)

Pro Forma Profit and Loss
Sales
Direct Cost of Sales
Other
Total Cost of Sales
Gross Margin
Gross Margin \%
Operating Expenses:
Advertising/Promotion
Travel
Sales commission
Miscellaneous
Payroll Expense
Payroll Burden
Depreciation
Depreciation
Fuel \& Maintenance
Utilities
Insurance
Contract/Consultants
Total Operating Expenses
Profit Before Interest and Taxes
Interest Expense Short-term
Interest Expense Long-term
Taxes Incurred
Extraordinary Items
Net Profit
Net Profit/Sales

Appendix

## Appendix Table: Cash Flow (Planned)

| Pro Forma Cash Flow |  | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cash Received |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cash from Operations: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cash Sales |  | \$4,800 | \$4,800 | \$5,600 | \$5,600 | \$6,400 | \$6,400 | \$7,200 | \$7,200 | \$8,000 | \$8,000 | \$8,000 | \$8,000 |
| From Receivables |  | \$6,667 | \$2,862 | \$2,311 | \$1,307 | \$1,400 | \$1,507 | \$1,600 | \$1,707 | \$1,800 | \$1,907 | \$2,000 | \$2,000 |
| Subtotal Cash from Operations |  | \$11,467 | \$7,662 | \$7,911 | \$6,907 | \$7,800 | \$7,907 | \$8,800 | \$8,907 | \$9,800 | \$9,907 | \$10,000 | \$10,000 |
| Additional Cash Received |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Extraordinary Items |  | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Sales Tax, VAT, HST/GST Received | 0.00\% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Current Borrowing |  | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Other Liabilities (interest-free) |  | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Long-term Liabilities |  | \$0 | \$0 | \$0 | \$0 | \$125,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Sales of other Short-term Assets |  | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Sales of Long-term Assets |  | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| New Investment Received |  | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Subtotal Cash Received |  | \$11,467 | \$7,662 | \$7,911 | \$6,907 | \$132,800 | \$7,907 | \$8,800 | \$8,907 | \$9,800 | \$9,907 | \$10,000 | \$10,000 |
| Expenditures |  | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Expenditures from Operations: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cash Spent on Costs and Expenses |  | \$313 | \$312 | \$352 | \$352 | \$470 | \$6,469 | \$7,007 | \$506 | \$545 | \$544 | \$543 | \$542 |
| Wages, Salaries, Payroll Taxes, etc. |  | \$2,875 | \$2,875 | \$2,875 | \$2,875 | \$2,875 | \$2,875 | \$2,875 | \$2,875 | \$2,875 | \$2,875 | \$2,875 | \$2,875 |
| Payment of Accounts Payable |  | \$3,594 | \$2,814 | \$2,823 | \$3,168 | \$3,201 | \$6,027 | \$58,379 | \$61,117 | \$4,568 | \$4,906 | \$4,896 | \$4,886 |
| Subtotal Spent on Operations |  | \$6,781 | \$6,001 | \$6,050 | \$6,395 | \$6,546 | \$15,370 | \$68,261 | \$64,498 | \$7,989 | \$8,325 | \$8,314 | \$8,303 |
| Additional Cash Spent |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sales Tax, VAT, HST/GST Paid Out |  | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Principal Repayment of Current Borrowing |  | \$300 | \$300 | \$300 | \$300 | \$300 | \$300 | \$300 | \$300 | \$300 | \$300 | \$300 | \$300 |
| Other Liabilities Principal Repayment |  | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Long-term Liabilities Principal Repayment |  | \$200 | \$200 | \$200 | \$200 | \$0 | \$1,500 | \$1,500 | \$1,500 | \$1,500 | \$1,500 | \$1,500 | \$1,500 |
| Purchase Other Short-term Assets |  | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Purchase Long-term Assets |  | \$0 | \$0 | \$0 | \$0 | \$0 | \$60,000 | \$65,000 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Dividends |  | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Adjustment for Assets Purchased on Credit |  | \$0 | \$0 | \$0 | \$0 | \$0 | $(\$ 60,000)$ | $(\$ 65,000)$ | \$0 | \$0 | \$0 | \$0 | \$0 |
| Subtotal Cash Spent |  | \$7,281 | \$6,501 | \$6,550 | \$6,895 | \$6,846 | \$17,170 | \$70,061 | \$66,298 | \$9,789 | \$10,125 | \$10,114 | \$10,103 |
| Net Cash Flow |  | \$4,185 | \$1,161 | \$1,361 | \$11 | \$125,954 | $(\$ 9,264)$ | $(\$ 61,261)$ | $(\$ 57,391)$ | \$11 | (\$219) | (\$114) | (\$103) |
| Cash Balance |  | \$4,685 | \$5,846 | \$7,207 | \$7,218 | \$133,172 | \$123,909 | \$62,647 | \$5,256 | \$5,268 | \$5,049 | \$4,935 | \$4,832 |

## Appendix Table: Balance Sheet (Planned)

Pro Forma Balance Sheet

| Assets |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Shor-term Assets | Starting Balances | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Cash | \$500 | \$4,685 | \$5,846 | \$7,207 | \$7,218 | \$133,172 | \$123,909 | \$62,647 | \$5,256 | \$5,268 | \$5,049 | \$4,935 | \$4,832 |
| Accounts Receivable | \$10,000 | \$4,533 | \$2,871 | \$1,960 | \$2,053 | \$2,253 | \$2,347 | \$2,547 | \$2,640 | \$2,840 | \$2,933 | \$2,933 | \$2,933 |
| Other Short-term Assets | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Short-term Assets | \$10,500 | \$9,219 | \$8,717 | \$9,167 | \$9,271 | \$135,426 | \$126,255 | \$65,194 | \$7,896 | \$8,108 | \$7,982 | \$7,868 | \$7,765 |
| Long-term Assets |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Long-term Assets | \$40,000 | \$40,000 | \$40,000 | \$40,000 | \$40,000 | \$40,000 | \$100,000 | \$165,000 | \$165,000 | \$165,000 | \$165,000 | \$165,000 | \$165,000 |
| Accumulated Depreciation | \$4,000 | \$4,400 | \$4,800 | \$5,200 | \$5,600 | \$6,000 | \$6,400 | \$6,800 | \$7,200 | \$7,600 | \$8,000 | \$8,400 | \$8,800 |
| Total Long-term Assets | \$36,000 | \$35,600 | \$35,200 | \$34,800 | \$34,400 | \$34,000 | \$93,600 | \$158,200 | \$157,800 | \$157,400 | \$157,000 | \$156,600 | \$156,200 |
| Total Assets | \$46,500 | \$44,819 | \$43,917 | \$43,967 | \$43,671 | \$169,426 | \$219,855 | \$223,394 | \$165,696 | \$165,508 | \$164,982 | \$164,468 | \$163,965 |
| Liabilities and Capital |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Accounts Payable | \$3,500 | \$2,720 | \$2,718 | \$3,063 | \$3,060 | \$4,086 | \$56,276 | \$60,965 | \$4,405 | \$4,743 | \$4,733 | \$4,724 | \$4,714 |
| Current Borrowing | \$20,000 | \$19,700 | \$19,400 | \$19,100 | \$18,800 | \$18,500 | \$18,200 | \$17,900 | \$17,600 | \$17,300 | \$17,000 | \$16,700 | \$16,400 |
| Other Short-term Liabilities | \$500 | \$500 | \$500 | \$500 | \$500 | \$500 | \$500 | \$500 | \$500 | \$500 | \$500 | \$500 | \$500 |
| Subtotal Short-term Liabilities | \$24,000 | \$22,920 | \$22,618 | \$22,663 | \$22,360 | \$23,086 | \$74,976 | \$79,365 | \$22,505 | \$22,543 | \$22,233 | \$21,924 | \$21,614 |
| Long-term Liabilities | \$25,000 | \$24,800 | \$24,600 | \$24,400 | \$24,200 | \$149,200 | \$147,700 | \$146,200 | \$144,700 | \$143,200 | \$141,700 | \$140,200 | \$138,700 |
| Total Liabilities | \$49,000 | \$47,720 | \$47,218 | \$47,063 | \$46,560 | \$172,286 | \$222,676 | \$225,565 | \$167,205 | \$165,743 | \$163,933 | \$162,124 | \$160,314 |
| Paid-in Capital | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Retained Earnings | $(\$ 2,500)$ | (\$2,500) | $(\$ 2,500)$ | $(\$ 2,500)$ | $(\$ 2,500)$ | $(\$ 2,500)$ | $(\$ 2,500)$ | $(\$ 2,500)$ | $(\$ 2,500)$ | $(\$ 2,500)$ | $(\$ 2,500)$ | (\$2,500) | $(\$ 2,500)$ |
| Earnings | \$0 | (\$402) | (\$801) | (\$596) | (\$389) | (\$361) | (\$321) | \$329 | \$991 | \$2,264 | \$3,549 | \$4,844 | \$6,151 |
| Total Capital | $(\$ 2,500)$ | $(\$ 2,902)$ | $(\$ 3,301)$ | $(\$ 3,096)$ | $(\$ 2,889)$ | $(\$ 2,861)$ | $(\$ 2,821)$ | $(\$ 2,171)$ | $(\$ 1,509)$ | (\$236) | \$1,049 | \$2,344 | \$3,651 |
| Total Liabilities and Capital | \$46,500 | \$44,819 | \$43,917 | \$43,967 | \$43,671 | \$169,426 | \$219,855 | \$223,394 | \$165,696 | \$165,508 | \$164,982 | \$164,468 | \$163,965 |
| Net Worth | $(\$ 2,500)$ | $(\$ 2,902)$ | $(\$ 3,301)$ | $(\$ 3,096)$ | $(\$ 2,889)$ | $(\$ 2,861)$ | $(\$ 2,821)$ | $(\$ 2,171)$ | $(\$ 1,509)$ | (\$236) | \$1,049 | \$2,344 | \$3,651 |

