| High: | 16.2 |
| :---: | :---: |
| Low: | 11.8 |

SAFETY
1 Raised 51217 TECHNCAL 3 Loweed 2323 BETA .95 (1.00 Makere)
18-Month Target Price Range Low-High Midpoint (\% to Mid) \$79-\$165 \$122 (20\%)
 $\begin{array}{rlrl} & & \begin{array}{l}\text { shares }\end{array} & 100 \\ \text { traded } & 50 \\ \text { Has (000)418410027657003631805 }\end{array}$ undertook its initial public offering on August 19, 2004, selling approximately 19.6 million shares of its Class A Common stock for $\$ 85$ a share. Of the total shares, the company sold 14.1 million, and selling stockholders sold 5.5 million. The lead underwriters of the offering were Morgan Stanley and Credit Suisse First Boston.
CAPITAL STRUCTURE as of 9/30/22
Total Debt $\$ 14653$ mill. Due in 5 Yrs. $\$ 4819$ mill.
LT Debt $\$ 14653$ mill. LT Interest $\$ 346$ mill.
(5\% of Cap'l)
Leases, Uncapitalized: Annual rentals $\$ 2539$ mill. No Defined Benefit Pension Plan Pfd Stock None

Common Stock 12,943,000,000 shares ( $5,973,000,000$ Class A shares, $884,000,000$ Class $B$ shares, and 6,086,000,000 Class C shares) C D as of $10 / 18 / 22$

MARKET CAP: $\$ 1.3$ trillion (Large Cap)

| CURRENT POSITION | 2020 | 2021 | $9 / 30 / 22$ |
| :--- | :--- | :--- | :--- |

Cash Asset Cash Assets
Receivables Inventory Other Current Assets Accts Payable Debt Due Other
Current Liab.

136694139649116259 $30930 \quad 39304 \quad 34697$
$\qquad$ $5589 \quad 6036 \quad 6303$
$51245 \quad 58218 \quad 59676$
$\frac{51245}{56834} 64254$
65979

| ANNUAL RATES | Past | Past | Est'd '19-'21 |
| :--- | :--- | :--- | :--- |
| of change (per sh) | 10 Yrs. | 5 Yrs. | to '25-'27 | $\begin{array}{llll}\text { Revenues } & 20.5 \% & 21.5 \% & 16.5 \%\end{array}$ $\begin{array}{llll}\text { "Cash Flow" } & 20.0 \% & 25.0 \% & 18.0 \% \\ \text { Earnings } & 19.5 \% & 25.5 \% & 18.5 \%\end{array}$ Earnings Book Value | $20.0 \%$ | $25.0 \%$ | $18.0 \%$ |
| :---: | :---: | :---: |
| $19.5 \%$ | $25.5 \%$ | $18.5 \%$ |
| - | Nil |  |

$16.5 \% \quad 13.5 \% \quad 23.5 \%$
Cal- $\quad$ QUARTERLY REVENUES (\$ mill.) $\quad$ Full

| $\begin{array}{c}\text { Cal- } \\ \text { endar }\end{array}$ | $\begin{array}{c}\text { QUARTERLY REVENUES (\$ mill.) } \\ \text { Mar. } 31\end{array}$ | $\begin{array}{c}\text { Full } \\ \text { Yun. } 30 \text { Sep. } 30 \\ \text { Yec. } 31\end{array}$ |
| :---: | :---: | :---: | :---: |


| 2019 | 36339 | 38944 | 40499 | 46075 | 161857 |
| :--- | :--- | :--- | :--- | :--- | :--- |


| 2021 | 41159 | 38297 | 46173 | 56898 | 182527 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 55314 | 61880 | 65118 | 75325 | 257637 |  |
|  | 68011 | 69685 | 6902 | 76512 | 283300 | | 2022 | 68011 | 69685 | 69092 | 76512 | 283300 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 2023 | 73000 | 73000 | 75000 | 85000 | 306000 | | Cal- |
| :---: |
| endar |


| Cal-endar | EARNINGS PER SHARE |  |  |  | Full Year |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mar. 31 | Jun. 30 | ep. 30 | Dec. 31 |  |
| 2019 | . 60 | . 71 | . 51 | . 76 | 2.58 |
| 2020 | . 49 | . 51 | . 82 | 1.11 | 2.93 |
| 2021 | 1.32 | 1.36 | 1.40 | 1.53 | 5.61 |
| 2022 | 1.23 | 1.21 | 1.06 | 1.20 | 4.70 |
| 2023 | 1.20 | 1.25 | 1.35 | 1.45 | 5.25 |


| $\begin{array}{c}\text { Cal- } \\ \text { endar }\end{array}$ | $\begin{array}{c}\text { QUARTERLY DIVIDENDS PAID } \\ \text { Mar. } 31\end{array}$ | $\begin{array}{c}\text { Fun. } 30 \\ \text { Yull }\end{array}$ |
| :---: | :---: | :---: | :---: | :---: |

2019
2020 NO CASH DIVIDENDS
2021 BEING PAID
2021
2023

| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | © VALUE LINE PUB. LLC | 25-27 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3.81 | 4.45 | 4.85 | 5.46 | 6.53 | 7.98 | 9.84 | 11.76 | 13.52 | 19.46 | 21.80 | 23.20 | Revenues per sh | 37.55 |
| . 97 | 1.12 | 1.31 | 1.45 | 1.79 | 2.29 | 2.95 | 3.41 | 3.94 | 6.61 | 5.70 | 6.30 | "Cash Flow" per sh | 12.50 |
| . 81 | . 90 | 1.04 | 1.14 | 1.39 | 1.80 | 2.33 | 2.58 | 2.93 | 5.61 | 4.70 | 5.25 | Earnings per sh A | 10.20 |
|  |  |  |  |  |  |  |  |  |  |  | Nil | Div'ds Decl'd per sh | Nil |
| . 25 | . 55 | . 81 | . 72 | . 74 | . 95 | 1.81 | 1.71 | 1.65 | 1.86 | 2.10 | 2.10 | Cap'I Spending per sh | 2.20 |
| 5.44 | 6.50 | 7.68 | 8.75 | 10.06 | 10.97 | 12.77 | 14.63 | 16.48 | 19.00 | 19.60 | 18.90 | Book Value per sh | 59.25 |
| 13187 | 13440 | 13612 | 13747 | 13826 | 13896 | 13911 | 13767 | 13504 | 13242 | 13000 | 13200 | Common Shs Outst'g | 13200 |
| 19.8 | 24.6 | 27.0 | 26.3 | 26.7 | 25.6 | 23.8 | 23.1 | 25.2 | 22.3 | 24.5 |  | Avg Ann'I P/E Ratio | 25.0 |
| 1.26 | 1.38 | 1.42 | 1.32 | 1.40 | 1.29 | 1.29 | 1.23 | 1.29 | 1.20 | 1.45 |  | Relative P/E Ratio | 1.40 |
|  |  |  |  |  |  |  | .- |  |  | .- |  | Avg Ann'I Div'd Yield | Nil |
| 50175 | 59825 | 66001 | 74989 | 90272 | 110855 | 136819 | 161857 | 182527 | 257637 | 283300 | 306000 | Revenues (\$mill) | 495635 |
| 29.4\% | 28.0\% | 30.9\% | 31.3\% | 32.2\% | 31.0\% | 29.0\% | 29.0\% | 29.7\% | 35.0\% | 37.0\% | 32.0\% | Operating Margin | 38.0\% |
| 1988.0 | 2781.0 | 3523.0 | 4132.0 | 5267.0 | 6103.0 | 8164.0 | 10856 | 12905 | 11555 | 13000 | 14000 | Depreciation (\$mill) | 17000 |
| 10788 | 12214 | 14306 | 15826 | 19478 | 25705 | 32814 | 36025 | 40269 | 76033 | 61100 | 69300 | Net Profit (\$mill) | 148320 |
| 19.4\% | 15.7\% | 18.9\% | 16.8\% | 19.3\% | 12.1\% | 11.3\% | 12.8\% | 16.2\% | 16.2\% | 13.0\% | 14.0\% | Income Tax Rate | 14.0\% |
| 21.5\% | 20.4\% | 21.7\% | 21.1\% | 21.6\% | 23.2\% | 24.0\% | 22.3\% | 22.1\% | 29.5\% | 22.0\% | 22.5\% | Net Profit Margin | 29.9\% |
| 46117 | 56978 | 63880 | 70804 | 88652 | 100125 | 101056 | 107357 | 117462 | 123889 | 111000 | 115000 | Working Cap'I (\$mill) | 336420 |
| 2988.0 | 2236.0 | 3228.0 | 1995.0 | 3935.0 | 3969.0 | 4012.0 | 4554.0 | 13932 | 14817 | 15000 | 15250 | Long-Term Debt (\$mill) | 16000 |
| 71715 | 87309 | 104500 | 120331 | 139036 | 152502 | 177628 | 201442 | 222544 | 251635 | 255000 | 250000 | Shr. Equity (\$mill) | 781985 |
| 14.4\% | 13.7\% | 13.3\% | 13.0\% | 13.7\% | 16.5\% | 18.1\% | 17.5\% | 17.1\% | 28.6\% | 22.5\% | 26.0\% | Return on Total Cap'l | 18.5\% |
| 15.0\% | 14.0\% | 13.7\% | 13.2\% | 14.0\% | 16.9\% | 18.5\% | 17.9\% | 18.1\% | 30.2\% | 24.0\% | 27.5\% | Return on Shr. Equity | 19.0\% |
| 15.0\% | 14.0\% | 13.7\% | 13.2\% | 14.0\% | 16.9\% | 18.5\% | 17.9\% | 18.1\% | 30.2\% | 24.0\% | 27.5\% | Retained to Com Eq | 19.0\% |
|  |  | .- |  |  | -- | -- | - | -- |  |  | Nil | All Div'ds to Net Prof | Nil |

BUSINESS: Alphabet Inc. is the successor and parent holding company of Google Inc., which operates the world's leading Internet search engine. The company derives revenues primarily through delivering targeted advertising. Revenues are also derived from the licensing of search technology and solutions to enterprises. Revenues in 2021: United States, 46\%; International, $54 \%$.
Alphabet Inc. will likely report mixed results for the fourth quarter. Year over year, revenues are expected to increase slightly (about $2 \%$ ) to $\$ 76.5$ billion and earnings ought to drop from $\$ 1.53$ per share to $\$ 1.20$ per share. Google Search and Google Cloud will probably make significant contributions to fourth quarter performance, as they did in the third quarter. We expect both of these segments to feature more Artificial Intelligence (AI). On point, Google Cloud is launching four AI powered tools specifically designed to assist retailers with inventory management and the personalized shopping experience on ecommerce websites. Google Search has much of its attention on OpenAI's launch of ChatGPT (Chat Generative Pre-trained Transformer).
ChatGPT is lighting a fire under the feet of Alphabet. The chatbot technology employed by ChatGPT has the potential to rival and replace current search engines like Google. With Google's prominent position as a search engine, we anticipate a solid response from Google. Google already has chatbot technology called LaMDA, but it is not widely available. It remains to be

Has 186,779 employees. Off. \& dir. own less than $1 \%$ of Class A common stock, $52.6 \%$ of Class B; The Vanguard Group, 3.1\%; BlackRock, $2.7 \%$ of Class A (4/22 Proxy). CEO \& Dir.: Sundar Pichai. Co-founder \& Dir.: Larry Page. Co-founder \& Dir.: Sergey Brin. Inc.: Del.. Addr.: 1600 Amphitheatre Parkway, Mountain View, CA 94043. Telephone: 650-253-0000. Internet: www.google.com.
seen if this will be integrated into search or other apps, but it is clear that ChatGPT poses a long-term threat to Google search.
Effects from cost cutting should be reflected in 2023 earnings, as the company has plans to eliminate roughly 12,000 jobs. We wouldn't be surprised if GOOG makes a shift from the layoffs, reallocating resources to business areas that support its advancement in AI. Other measures to reduce cost include the cancellation of the tech giant's next generation Pixelbook laptop, and permanently closing the cloud gaming service Stadia.
These high-quality shares offer broad appeal. The stock possesses our highest rank for Safety (1), and it is also credited with strong scores for Stock Price Stability ( 90 out of 100 ) and Price Growth Persistence (100). GOOG also receives our top grade for Financial Strength (A++). The equity holds above-average capital appreciation potential for the pull to 2025-2027. Moreover, our Timeliness Ranking System has Alphabet pegged to outpace the broader market averages in the year ahead.
Kathleen Uckert
February 3, 2023

