| | R(E) | L(W) | S | N | | FF | | |
|---|---|---|---|---|---|---|---|---|
| #2-1 | | | | | K = .078 | 80~ | 12/02/74 | CMcD |
| .2 | .019 | .017 | .017 | .006 | | | | |
| .5 | .044 | .042 | .043 | .016 | | | | |
| 1.0 | .092 | .087 | .088 | .032 | | | | |
| #2-1 | | | | | K = .078 | 78~ | 12/10/74 | CMcD |
| 2nd time .2 | .017 | .019 | .008 | .006 | | | | |
| .5 | .045 | .048 | .023 | .013 | original K of top was .060 | | | |
| 1.0 | .092 | .092 | .060 | .026 | | | | |
| #3-3 | | | | | K = .075 | 88~ | 11/19/74 | CMcD |
| .2 | .030 | .027 | .008 | .007 | was .080 | | | |
| .5 | .073 | .070 | .022 | .022 | | | | |
| 1.0 | .146 | .142 | .045 | .047 | | | | |
| | .144 | | .046 | | bowl patch ? | | | |
| #11-2 Graphite | | | | | K = .101 | | 11/15/74 | BW |
| .2 | .026 | .028 | .010 | .012 | old | | | |
| .5 | .065 | .066 | .027 | .027 | | | | |
| 1.0 | .129 | .130 | .058 | .059 | | | | |
| | .129 | | .058 | | | | | |
| | | 2.22 | | | | | | |
| | | L/K 1.27 | | | tested w/bowl patch on | | | |
| #11-2 | | | | | K = .097 | | 11/19/74 | CMcD |
| 2nd time .2 | .022 | .024 | .010 | .008 | was .101 | | | |
| .5 | .060 | .060 | .024 | .020 | | | | |
| 1.0 | .130 | .123 | .049 | .041 | | | | |
| | .127 | | .045 | | bowl patch off | | | |
| #11-2 | | | | | K = .102 | | 11/20/74 | CMcD |
| 3rd time .2 | .027 | .025 | .010 | .008 | no strings | | | |
| .5 | .063 | .062 | .026 | .021 | | | | |
| 1.0 | .126 | .126 | .054 | .043 | | | | |
| | .126 | | .048 | | bowl patch off | | | |
| #11-3 Beefed up shelf to make #11-3 | | | | | K = .092 | 100~ | 11/26/74 | CMcD |
| .2 | .024 | .025 | .008 | .011 | | 92~ 11-4 thru 6 | | |
| .5 | .060 | .062 | .022 | .029 | | 88~ 11-7 | | |
| 1.0 | .123 | .124 | .050 | .058 | | | | |
| | .124 | | .054 | | | | | |
| #11-8 | | | | | K = .124 | 84~ | 12/02/74 | CMcD |
| .2 | .031 | .027 | .015 | .015 | | 87.4~ | 1/20/75 | |
| .5 | .071 | .070 | .034 | .034 | | | | |
| 1.0 | .149 | .142 | .066 | .068 | | | | |

| | R(E) | L(W) | S | N | | FF | | |
|---|---|---|---|---|---|---|---|---|
| #12-2 | | | | | K = .045 new | | 11/20/74 | CM[illegible]D |
| .2 | .021 | .020 | .008 | .006 | strings tight | | | |
| .5 | .052 | .049 | .020 | .014 | | | | |
| 1.0 | .108 | .101 | .040 | .029 | | | | |
| | .105 | | .035 | | patch on | | | |
| #12-3 | Braces carved down to make -3 | | | | K = .054 | 103~ | | |
| #12-4 | Braces carved further to make -4 | | | | K = .058 | | 11/21/74 | CMcD |
| .2 | .024 | .023 | .012 | .007 | | | | |
| .5 | .060 | .056 | .032 | .015 | | | | |
| 1.0 | .121 | .114 | .061 | .031 | | | | |
| | .118 | | .046 | | | | | |
| #14-1 | | | | | K = .089 loose | | 11/21/74 | CMcD |
| .2 | .030 | .032 | .009 | .009 | | | | |
| .5 | .076 | .079 | .024 | .023 | | | | |
| 1.0 | .152 | .159 | .051 | .043 | | | | |
| | .155 | | .047 | | patch on | | | |
| #14-2 | | | | | K = .058 tight | | 11/25/74 | CMcD |
| .2 | .025 | .024 | .008 | .007 | | | | |
| .5 | .061 | .062 | .022 | .020 | | | | |
| 1.0 | .121 | .129 | .045 | .040 | | | | |
| | .125 | | .043 | | patch on | | | |
| #14-3 | Outboard fan and cross brace carved down | | | | K = .066 | | 11/25/74 | CMcD |
| .2 | .027 | .030 | .007 | .008 | incr .008 no strings | | | |
| .5 | .070 | .074 | .018 | .020 | | | | |
| 1.0 | .141 | .153 | .042 | .041 | | | | |
| | .147 | | .042 | | | | | |
| #14-4 | Outboard fans rebuilt to make #14-4 | | | | K = .057 tight | 93~ | 11/26/74 | CMcD |
| .2 | .024 | .022 | .007 | .008 | | | | |
| .5 | .058 | .060 | .022 | .021 | | | | |
| 1.0 | .117 | .120 | .048 | .043 | | | | |
| | .119 | | .046 | | | | | |
| #14-5 | | | | | K = .080 | 82~ | 12/02/74 | CMcD |
| .2 | .026 | .024 | .011 | .015 | | 91~ | | |
| .5 | .063 | .064 | .027 | .039 | | 90.2~ | 1/20/75 | |
| 1.0 | .124 | .129 | .061 | .080 | | | | |
| #15 | | | | | K = .071 | 82~ | 12/10/74 | CM[illegible]D |
| .2 | .018 | .018 | .011 | .005 | original K | 83.4~ | 1/20/75 | |
| .5 | .047 | .047 | .029 | .012 | of top was | | | |
| 1.0 | .094 | .095 | .055 | .026 | .066 | | | |

| | R(E) | L(W) | S | N | | FF | | |
|---|---|---|---|---|---|---|---|---|
| #16-8 | After removing leather edging (which dampened the sound) and continuing the routing of the edge above the sound holes ..... | | | | K = .080 | | 1/9/75 | CMcD |
| | .25 | .022 | .020 | .008 | .005 | 10#wt. | | |
| | .50 | .056 | .053 | .020 | .012 | .040 x 2 | | |
| | 1.0 | .111 | .109 | .041 | .024 | strings tight | | |
| #17 | Note first use of 1/4-pound weight ..... | | | | K = .074 | | 1/15/75 | CMcD |
| | .25 | .025 | .025 | .010 | .006 | 10#wt. | 82.4~ | 1/20/75 |
| | .50 | .049 | .048 | .020 | .013 | .037 x 2 | | |
| | 1.0 | .101 | .097 | .040 | .026 | no strings patch on | | |
| G-17-1 | Acoustic recheck – noticed shallow bowl ..... | | | | K = .076 | | 4/28/75 | CMcD |
| | .25 | .025 | .022 | .009 | .006 | strings tight | 83~ | |
| | .50 | .048 | .046 | .018 | .012 | patch on | | |
| | 1.0 | .098 | .095 | .040 | .024 | | | |
| #18-5 | ..... | | | | K = .070 | | 3/1/75 | |
| | .25 | .024 | .022 | .011 | .007 | | | |
| | .50 | .046 | .044 | .026 | .015 | | 76~ | 2/14/75 |
| | 1.0 | .093 | .091 | .056 | .031 | | | |
| G-19-6 | Acoustic/electric, no shims – recheck – noticed fingerboard almost touching top – no shims – stardust top ..... | | | | K = .063 | | 4/28/75 | CMcD |
| | .25 | .025 | .023 | .010 | .007 | strings tight | 85~ | |
| | .50 | .048 | .045 | .020 | .014 | patch on | | |
| | 1.0 | .098 | .093 | .041 | .032 | | | |
| GN-20-2 | Acoustic/electric, 7 shims – classical w/steel strings 90° top – top 150 grams – bridge 16.8 grams – bracing 52.1 grams –– original K=.078 4/21/75 fingerboard standard and glued down to the top ..... | | | | K = .076 | | 4/28/75 | CMcD |
| | .25 | .022 | .022 | .016 | .012 | strings tight | 80~ | |
| | .50 | .044 | .044 | .032 | .024 | patch on | | |
| | 1.0 | .090 | .088 | .067 | .050 | | | |
| G-21-2 | Acoustic/electric, 1 shim top PPG-16 – 60° top<br>There is no K of the top only top 157.1 grams<br>Original K by L. Pickett = .062 bridge 16.6 grams<br>Fingerboard standard – bracing 51.8 grams<br>relieved from 16th fret..... | | | | K = .082 | | 4/28/75 | CMcD |
| | .25 | .030 | .030 | .014 | .010 | strings tight | | |
| | .50 | .059 | .060 | .029 | .021 | patch on | | |
| | 1.0 | .119 | .127 | .058 | .044 | | | |

45-116 EYE-EASE
45-416 20/20 BUFF
NATIONAL

# GRAPHITE GUITARS

SUMMARY 11-28-74

E @ 82.4 ~

| | TOP ALONE | WITH BRIDGE | TITE | LOOSE | RL/SN | FUND. FREQ. | | |
|---|---|---|---|---|---|---|---|---|
| #1 1 PLY 90° .045" FLAT | .51 | .23 | | | | | | |
| #1-1 HOLES AT TOP | | | 084 | 090 | | | | TIN PAN |
| #1-2 | | | 090 | 094 | | -C | 67 ~ | VERY BASSEY THUDDY |
| #2 1 PLY 45° 045" FLAT | .60 | .34 | | | | | | |
| #2-1 INTER SPACED 5 HEAVY, 4 LITE FANS HOLES AT TOP HEAVY SHELF | | | 075 | 076 | .089/060 | E- | 80 ~ | BIG BASS MED. MID RANGE POWER BUT EXCELLENT CLARITY. TRIODE BRIGHT & CLEAR - GLENN'S CHOICE 8-74 SOME TIN PAN ON B, C, E's (SLIGHT) OVERALL THE BEST 11-29-74 dk |
| #3 1 PLY 45° 045" FLAT | .63 | .42 | | | | | | |
| #3-1 VERY LARGE CENTER BEAM | | | 035 | 031 | | | | STIFF HARSH NG |
| 3-2 REPLACED WITH WIDE FANS | | | | | | | | TAPE SHOWN: STIFF NG |
| 3-3 GROUND OFF OUTSIDE FANS | | | 080 | | .144/046 | | | TAPE 11-27-74 BEST CONFIGURATION |
| MAJOR CROSSBEAN IS BELOW HOLES | | | | | | | | |
| HEAVY SHELF | | | | | | | | |
| #11 CONTOURED 9/3/74 | .46 | .13 | | | | | | |
| 1 PLY 45° .048" | | .36 | | | | | | |
| CLEF HOLES, 5 FANS | | | | | | | | |
| WEAK SHELF | | | | | | | | |
| LONG FINGER BD. | | | | | | | | |
| SOFT BOWL MAT. | | | | | | | | |
| #11-1 | | | 080 | | | | | GOOD MID. LACKING BASS & TREBLE |
| #11-2 CUT DOWN FANS | | | .101 | | .126/048 | | | FAIR BUT LACKING E STRING OUTPUT |
| #11-3 ADDED GLASS TO SHELF | | | .094 | | .124/054 | G+ | 100 ~ | LACKING POWER TREBLE, ALSO BASS |
| | | | | | | | | TAPE #50 11-27-74 |
| #11-4 STRIP OFF SHELF BINDER | | | | | | F# | 92 ~ | TAPE #54 " |
| #11-5 FANS SCALLOPED 1" BACK | | | | | | | 92 ~ NO CHANGE | TAPE #55 " |
| 11-6 GROUND OFF FNGERBD. OVERHANG | | | | | | | 92 ~ SLIGHT RR. | " #56 " |
| #11-7 " FANS TO 1/8" - 3/16" | | | | | | | | #57 |
| #11-8 " OUTER RIM TO MINIMUM | | | | | | F# | 88 ~ | |
| | | | | | | E | 84 ~ | TAPE #58 DUE TO VERY THIN FANS TIN PAN |
| | | | | | | | | NOT AS CLEAR ANYWHERE AS 2-1 NOT OF POWER |
| | | | | | | | | LIKE 2 EITHER. BUT BIG CHANGE FROM 11-2 |

| | | | TOP | WITH BRIDGE | TITE | LOOSE | RL/SN | FUND FREQ. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| #12 CONTOURER | | | .81 | .21 | | | | | | | |
| THIN .035" | | | | | | | | | | | |
| 1 PLY 45° | | | | | | | | | | | |
| WIDE NECK, CLEF | | | | | | | | | | | |
| WOOD RIM. | | | | | | | | | | | |
| #12-1 5 FANS | | | | | .160 | 169 | 105/.035 | | | | |
| #12-2 5 FANS 1/4" X 3/8" | | | | | .045 | | | | | | |
| #12-3 FANS CARVED DOWN Δ | | | | | .054 | | .118/.046 | A6 | 103 | | |

{ VERY THIN PLINKY BIG HIGH G VERT THIN E+E FAIRLY GUTSY SOUND BUT NO MID.
TAPE #53 11-22-74 HIGH TRIODE LIKE 4-4
NOT NEARLY AS BRILLIANT AS 2-1
BASS + MID LIKE THE A6 THE GUTSY E NO.

| | | TOP | WITH BRIDGE | TITE | LOOSE | RL/SN | FUND FREQ | | |
|---|---|---|---|---|---|---|---|---|---|
| #14 | CONTOURED<br>1 PLY 0° HOLES MAIN BOUT<br>#2 CONFG. FANS<br>THIN WEAK SHELF | | | | | | | | |
| #14-1 | TRYING TO REMOVE HOLE COVER - BRACES & BRIDGE FAILED | | | | .075 | .155/.047 | | | SOUND TERRIBLE |
| #14-2 | REGLUED | | | | .089 | .125/.043 | | | SOUND STILL TERRIBLE, THIN, NO SUSTAIN NO BASS NO POWER |
| #14-3 | MOVED TO 2-2.6" DIA HOLES<br>BIG BEAM AT HOLES<br>RIM REINFORCED 3 LAYERS GLASS | | | | .058 | .147/.042<br>.119/.046 | F# | 93~ | SOUND MUCH IMPROVED BUT STILL INADEQUATE CLARITY ON HIGH TRIADE GOOD BUT NOT AS CLEAR AS 2-1 |
| #14-4 | SCALLOPED FANS NEAR BEAM<br>CUT DOWN OUTER FANS<br>CUT DOWN MAIN CROSS BEAM TO ½" | | | | | | | | MIDDLE TRIDE LACKS BRIGHTNESS OF 2-1<br>BASS AND POWER JUST NOT THERE |
| 14-5 | GROUND RIM DOWN TO MIN. | | | | .080 | | E<br>G# | 82~<br>91~ | BIG IMPROVEMENT BETTER ON BRIGHTS THAN 11-8 BUT LESS THAN 2-1<br>X BASS ALSO INBETWEEN THE TWO.<br>SUSTAIN LESS THAN 2-1 NOTICEABLY<br>THIS HAS BEEN SINCE THE OUTSET ON 14<br>BASS LESS THAN 11-8 |
| 15-1 | FLAT TOP 45° 1PLY .066 | | | | .071 | .094/.040 | E | 82~ | VERY BRIGHT FULL BASS EXCELLENT SUSTAIN |

45-116 EYE-EASE
45-416 20/20 BUFF
NATIONAL

| | | AL | SN | K LOOSE | K TITE | FUND FREQ |
|---|---|---|---|---|---|---|
| MASTER #1 | #49 PREVIOUSLY | .110 | .030 | | .061 | 104 ~ |
| | | | | | .087 | 98 ~ |
| MASTER #2 | #50-2 | .194 | .045 | | .104 | 89 ~ |
| MASTER #3 | 52-44 | .125 | .028 | | .078 | 97 ~ |
| FORMED SPRUCE | 51-2 | .195 | .058 | | .083 | 89 ~ |
| BIG BOWL | 48 | .165 | .035 | | 082 | 73 ~ |
| | 48-2-3 | .120 | .035 | | 086 | 79 ~ |
| #39-1 | | .091 | .060 | | .057 | 88 ~ ? |
| #47-1 | | .100 | .070 | | .076 | 82 |
| GRAPHITE | | | | | | |
| #2-1 | | .089 | 060* | 076 | 075 | 80 ~ |
| #3-3 | | .144 | .046 | | .075 | 89 ~ |
| #11-3 | | .124 | .048 | .092 | | ~ 95 ~ |
| #11-8 | | .145 | .067 | .124 | | 84 |
| #12-4 | | .118 | .046 | .058 | | 106 ~ |
| #14-3 | | .147 | .042 | 066 | | |
| #14-4 | | .119 | .046 | 05* | 057 | 92 ~ |
| #14-5 | | .126 | .070 | .080 | | 82 |
| | | | | | | 91 |
| #15-1 | | .094 | 045* | | .071 | 82 |

* SEE DETAIL SHEET FWD. AVERAGING NOT FAIR