

# Beechcraft

## WEIGHT AND BALANCE LOADING FORM

MODEL 58P SERIAL NO. TJ-292 REG. NO. N3678G DATE 6-6-80

| ITEM                                         | MAXIMUM<br>FUEL LOADING |         |  | MAXIMUM<br>PASSENGER LOADING |         |
|----------------------------------------------|-------------------------|---------|--|------------------------------|---------|
|                                              | WEIGHT                  | MOM/100 |  | WEIGHT                       | MOM/100 |
| BASIC EMPTY CONDITION                        | 4415                    | 3324    |  | 4415                         | 3324    |
| FRONT SEAT OCCUPANTS                         | 340                     | 256     |  | 340                          | 256     |
| 3rd & 4th SEAT OCCUPANTS                     | -                       | -       |  | 340                          | 378     |
| 5th & 6th SEAT OCCUPANTS                     | -                       | -       |  | 340                          | 517     |
| BAGGAGE - Nose                               | -                       | -       |  | -                            | -       |
| BAGGAGE - Aft                                | 13                      | 23      |  | 120                          | 216     |
| CARGO                                        | -                       | -       |  | -                            | -       |
| SUB TOTAL ZERO FUEL<br>CONDITION (5700# Max) | 4768                    | 3603    |  | 5555                         | 4691    |
| FUEL LOADING (190/114<br>Gal)                | 1140                    | 953     |  | 685                          | 560     |
| SUB TOTAL<br>RAMP CONDITION                  | 5908                    | 4556    |  | 6240                         | 5251    |
| *LESS FUEL FOR START,<br>TAXI, AND TAKE-OFF  | -40                     | -33     |  | -40                          | -33     |
| SUB TOTAL<br>TAKE-OFF CONDITION              | 5868                    | 4523    |  | 6200                         | 5218    |
| LESS FUEL TO (163/88<br>DESTINATION Gal)     | -980                    | -828    |  | -525                         | -435    |
| LANDING CONDITION                            | 4888                    | 3695    |  | 5675                         | 4783    |

\*Fuel for start, taxi and take-off is normally 40 lbs. at an average mom/100 of 33.

# Beechcraft BARON®

## AIRCRAFT BASIC EMPTY WEIGHT AND BALANCE

DATE 6-6-80 AIRCRAFT SERIAL NO. TJ-292

MODEL 58P REGISTRATION NO. N3678G

STRUT POSITION - NOSE MAIN  
 EXTENDED -11.6 96.0  
 COMPRESSED -9.8 97.0

PREPARED BY: J. Q. Davis

JACK POINT LOCATION  
 FORWARD 83.1  
 AFT 271.0

| REACTION<br><del>WHEEL</del> - JACK POINTS | SCALE<br>READING | TARE | NET WEIGHT | ARM   | MOMENT |
|--------------------------------------------|------------------|------|------------|-------|--------|
| LEFT MAIN                                  | 2424             | 96   | 2328       | -     |        |
| RIGHT MAIN                                 | 2268             | 96   | 2172       | -     |        |
| SUB TOTAL                                  | 4692             | 192  | 4500       | 83.1  | 373950 |
| <del>NOSE OR</del> TAIL                    | 161              | 335  | -174       | 271.0 | -47154 |
| TOTAL (AS WEIGHED)                         | 4853             | 527  | 4326       |       | 326796 |

SPACE BELOW PROVIDED FOR ADDITIONS AND SUBTRACTIONS TO AS WEIGHED CONDITION

|                           |      |      |        |
|---------------------------|------|------|--------|
| Add:                      |      |      |        |
| E.L.T.                    | 4    | 225  | 900    |
| EMPTY WEIGHT              | 4330 | 75.7 | 327696 |
| ENGINE OIL                | 49   | 37.0 | 1813   |
| UNUSABLE FUEL             | 36   | 79.0 | 2844   |
| BASIC EMPTY WEIGHT Actual | 4415 | 75.3 | 332353 |