



Beechcraft Barron BE-55, N555ET

s/n TC-137

Weight and Balance Data

(For Reference Use Only)

Max Weights

MAX TAKEOFF WEIGHT	4880
MAX LANDING WEIGHT	4880
MAX BAGGAGE WEIGHTS	
Forward	270
5 th Seat Area	270
AFT	120

Fuel Capacity

Main (Usable)	37 gal
AUX (Usable)	31 gal

<u>N555ET</u>	<u>Weight</u>	<u>Arm</u>	<u>Moment/100</u>
Basic Empty Weight	3387.8	76.38	2587.6
Useful Load	1492.2		
Payload (Full Fuel)	676.2		

Section VI
Wt and Bal/Equip List

BEECHCRAFT Baron 55, A55
Serial TC-1 thru TC-501

WEIGHT AND BALANCE LOADING FORM

BARON _____ **DATE** _____

SERIAL NO. _____ **REG NO.** **NXXX**

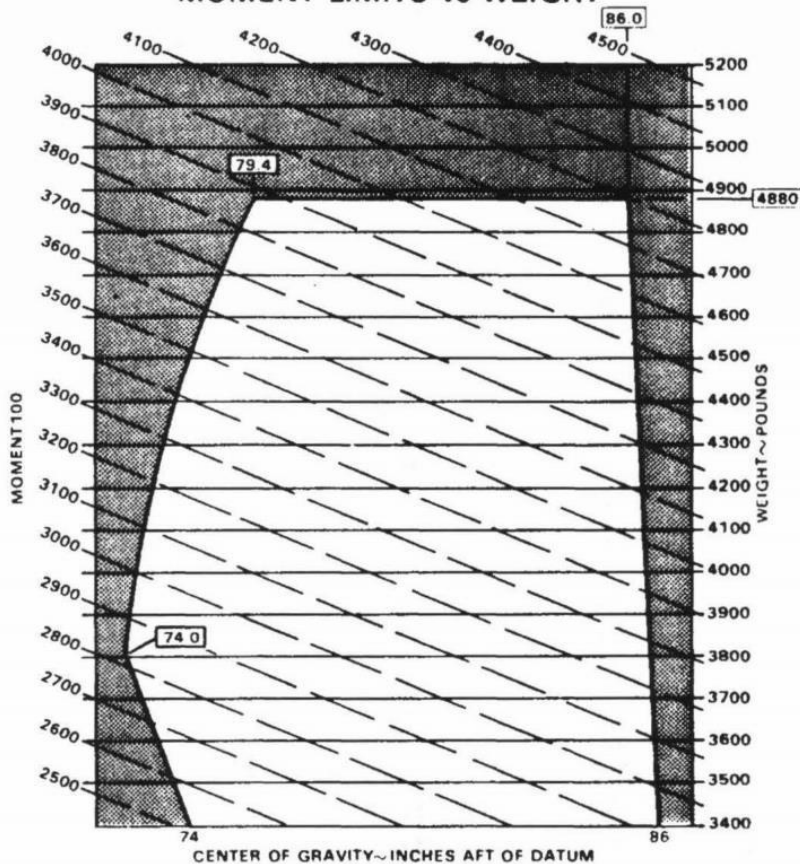
ITEM	WEIGHT	MOM/100
1. BASIC EMPTY CONDITION		
2. FRONT SEAT OCCUPANTS		
3. 3rd and 4th SEAT OCCUPANTS		
4. 5th and 6th SEAT OCCUPANTS		
5. NOSE BAGGAGE		
6. REAR BAGGAGE		
7. AFT BAGGAGE		
8. CARGO		
9. SUB TOTAL ZERO FUEL CONDITION		
10. FUEL - MAIN (GAL) FUEL - AUX (GAL)		
11. SUB TOTAL RAMP CONDITION		
12. *LESS FUEL FOR START, TAXI, AND TAKE-OFF		
13. SUB TOTAL TAKE-OFF CONDITION		
14. LESS FUEL - MAIN (GAL)		
15. SUB TOTAL		
16. LESS FUEL - AUX (GAL)		
17. SUB TOTAL		
18. LESS FUEL - MAIN (GAL)		
19. LANDING CONDITION		

*Fuel for start, taxi and take-off is normally 21 lbs at an average mom/100 of 16.

Section VI
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Baron 55 and A55
MOMENT LIMITS vs WEIGHT



ENVELOPE BASED ON THE FOLLOWING WEIGHT AND
CENTER OF GRAVITY LIMIT DATA (LANDING GEAR DOWN)

WEIGHT CONDITION	FORWARD CG LIMIT	AFT CG LIMIT
4880 LB (MAX TAKE-OFF OR LANDING)	79.4	86.0
3800 LB or LESS	74.0	86.0