WESTWIND AVIATION, INC.
PHOENIX, ARIZONA
FAA APPROVED R/S WIWR604K

06-24-1996

AIRCRAFT WEIGHT AND BALANCE SUPPLEMENT

AIRCRAFT DATA:
- MAKE -------- Beech
- MODEL ------- A-36
- SERIAL NO. -- E-262
- REG. NO. ---- N124DH

PREVIOUS W&B DATA:
- WEIGHT -------- 2205.7
- ARM ----------- 77.6
- MOMENT -------- 171116

EQUIPMENT REMOVED	WEIGHT	ARM	MOMENT
King KN65 DME RT	7	180	-1260
King KI265 DME indicator	1	54	-54

EQUIPMENT INSTALLED	WEIGHT	ARM	MOMENT
King KN64 DME	2.6	52	135.2

NEW WEIGHT AND BALANCE DATA:

- WEIGHT -------- 2200.30
- ARM ----------- 77.23
- MOMENT -------- 169937.20

AUTHORIZED SIGNATURE

NOTE -- THE PREVIOUS W&B DATA HAS BEEN SUPPLIED BY THE AIRCRAFT OWNER/OPERATOR. ITS CORRECTNESS HAS NOT BEEN VERIFIED BY THIS FACILITY.

-1-72	WT & BAL BROUGHT FWD FROM				2176.1	77.72	169132
-1-72		X	UNUSABLE FUEL	9-79-711	2167		168421
-1-72	X		UNUSABLE FUEL	36@79=2844	2203	77.74	171265
12-27-73	X		INSTALLED NARCO ELT-10 LOG ENTRY	3.5@227 = 794.5	2206.5	77.98	172059.5
1-24-75	X		Franz Oil Filter	5 @ 37 = 185	2211.5	77.89	172244.5
1-5-80	X		KW 30001 Walker Air Oil Separator	3 @ 29 = 87	2214.5	77.82	172331.5
1-9-81		X	FRANZ Oil Filter	5@37 = 185	2209.5	77.91	172146.5
1-17-86	X	X	Rec'd King KT-76R Transponder, Installed KT-76A		2205.8	77.61	171183.7
5/3/95	X	X	ENGINE + PROP STC, WALKER SEP, SHROUD		2205.65	77.58	171116.0
1/24/96	X	X	KN65 OUT, KN64 IN		2200.3	77.23	169937.2

INSTRUCTIONS FOR PROPER LOADING

It is the responsibility of the airplane owner and pilot to insure that the airplane is properly loaded. At the time of delivery, Beech Aircraft Corporation provides the necessary weight and balance data for the pilot or owner to compute individual loadings with minimum effort. All subsequent changes in weight and balance are the responsibility of the airplane owner.

The FAA Certificated Weight and Moment of the Airplane at the time of delivery is shown on the previous Aircraft Empty Weight and Balance Form. FAA approved Useful Load Weights and Moments of useful load items which may be loaded into the Airplane are shown on the Useful Load Weights and Moments Tables. Moment is the weight of an item multiplied by its arm (horizontal distance from the Reference Datum to the Center of Gravity of the item). The FAA approved Gross Weight Moments are shown as the shaded area on the Gross Weight Moment Limits Graph. The bordering lines of this shaded area represent the forward and aft center of Gravity flight limits. All Moments are divided as noted by either 1000 (last three digits dropped) or 100 (last two digits dropped) to simplify computations.

COMPUTING PROCEDURE

1. Record the FAA Certificated Weight and Moment from the Aircraft Empty Weight and Balance Form (or from the latest FAA Repair and Alteration Form 337 if the airplane has been altered and the latest information has not been entered on the Aircraft Empty Weight and Balance Form). The moment must be divided by 1000 or 100 to correspond to Useful Load Moments.

2. Record the weight and corresponding moment of each useful load item to be carried. These values are found on the Useful Load Weights and Moments Tables.

3. Total the weight column and moment column. The total weight must not exceed the maximum allowable gross weight for take-off, and the total moment must be within the shaded area shown on the Gross Weight Moment Limits Graph.

The airplane must be loaded properly throughout the flight; therefore the loading must be checked for fuel usage.

4. Record the weights and corresponding moments of fuel in the incremental sequence in which it will be used. Refer to the Procedures Section of the Flight Manual for possible fuel usage sequence restrictions.

EXAMPLE

Item	Weight	Mom. 100
FAA Certificated Weight	2154	1662
Oil 12 Qts.	23	3
Anti-Icer Fluid (Gal.)	--	--
Pilot	170	128
Copilot	170	128
Passenger Center (2)	340	377
Passenger Aft (2)	260	390
Passenger	--	--
Baggage or Cargo	--	--
Baggage - Secured to back of front seat	3	3
Fuel 80 Gal.	480	360
Total at Take-Off	3600	3051
Use Fuel 60 Gal.	-360	-270
Sub-Total		
Sub-Total		
Sub-Total		
Total at Landing	3240	2781

5. Subtract in steps, sub-totaling each step, the incremental weight and moment from the take-off weight and moment. The total weight at landing must not exceed the allowable landing weight. The moment for each sub-total must be within the shaded area shown on the Gross Weight Moment Limits Graph. In each of the above cases, if the total moment is to the left of the shaded area, useful load items must be shifted aft or forward load items reduced. If the total moment is to the right of the shaded area, useful load items must be shifted forward or aft load items reduced. If the quantity or location of load items are changed, the calculations must be revised and the moments rechecked.

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MODEL A36 BONANZA

USEFUL LOAD WEIGHTS AND MOMENTS

OCCUPANTS

WEIGHT	FRONT SEATS	STANDARD SEATING		CLUB SEATING	
		CENTER SEATS	5TH & 6TH SEATS	CENTER SEATS AFT FACING	5TH & 6TH SEATS
	ARM 75	ARM 115	ARM 146	ARM 111	ARM 150
	MOMENT/100				
100	75	115	146	111	150
110	83	127	161	122	165
120	90	138	175	133	180
130	98	150	190	144	195
140	105	161	204	155	210
150	113	173	219	167	225
160	120	184	234	178	240
170	128	196	248	189	255
180	135	207	263	200	270
190	143	219	277	211	285
200	150	230	292	222	300

BAGGAGE

CARGO

WEIGHT	SECURED TO BACK OF FRONT SEATS	BEHIND CENTER SEATS	BEHIND AFT SEATS	FORWARD OF SPAR (CENTER SEATS REMOVED)	AFT OF SPAR (CENTER & AFT SEATS REMOVED)
	ARM 91	ARM 150	ARM 164	ARM 108	ARM 145
	MOMENT/100				
10	9	15	16	11	15
20	18	30	33	22	29
30	27	45	49	32	44
40	36	60	66	43	58
50	46	75	82	54	73
60	55	90	98	65	87
70	64	105	115	76	102
80	73	120	131	86	116
90	82	135	148	97	131
100	91	150	164	108	145
110		165		119	160
120		180		130	174
130		195		140	189
140		210		151	203
150		225		162	218
160		240		173	232
170		255		184	247
180		270		194	261
190		285		205	276
200		300		216	290
220		330			319
240		360			348
260		390			377
280		420			406
300		450			435
320		480			464
340		510			493
360		540			522
380		570			551
400		600			580

FUEL

LEADING EDGE TANKS ARM 75		
GALLONS	WEIGHT	MOM/100
5	30	23
10	60	45
15	90	68
20	120	90
25	150	113
30	180	135
35	210	158
40	240	180
45	270	203
49	294	221
55	330	248
60	360	270
65	390	293
70	420	315
75	450	338
80	480	360

74 444 333

OIL

ARM 15		
QUARTS	WEIGHT	MOM/100
12	23	3

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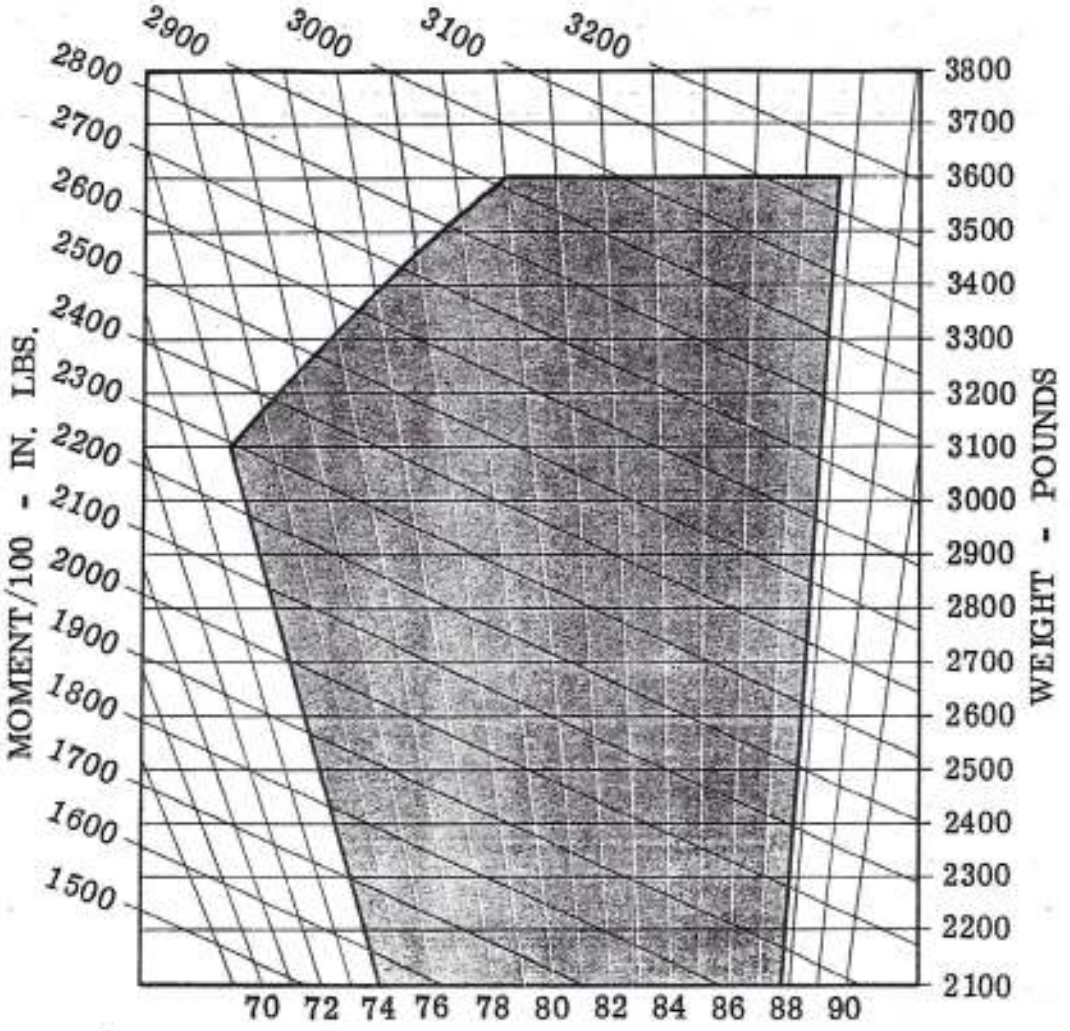
GROSS WEIGHT MOMENT LIMITS



Envelope Based On The Following Weight And Center Of Gravity Limit Data (Landing Gear Down)

Weight Condition	Forward C. G. Limit	Aft C. G. Limit
3600 Lb. (Max. Take-Off or Landing)	81.0	87.7
3100 Lb. or Less	74.0	87.7