

MEL

BEECHCRAFT
BONANZA A36

POH/AFM SECTION VI
WT & BAL/EQUIPMENT

BASIC EMPTY WEIGHT AND BALANCE - AS DELIVERED

SERIAL NO.: E-2801

DATE: 5-25-93

PREPARED BY: L. VAN SIKE

WHEEL AXLE CENTERLINE: NOSE MAIN
EXTENDED STRUT 1.8 96.0
COMPRESSED STRUT 3.1 97.0

JACK POINT LOCATION
FORWARD 93.1
AFT 271.0

REACTIONS WHEEL	SCALE READING	TARE	NET WEIGHT	ARM	MOMENT
LEFT MAIN	996	0	996	-	-
RIGHT MAIN	999	0	999	-	-
SUB TOTAL	1995	0	1995	96.4	197318
NOSE	432	0	432	2.0	864
TOTAL (AS WEIGHED)	2427	0	2427	-	19.182
ADDITIONS AND SUBTRACTIONS TO AS WEIGHED CONDITIONS					
LESS: ENGINE OIL			-26	-	378
UNDRAINABLE FUEL			-2	-	152
SEAT COVERS (6)			-6	-	682
EMPTY WEIGHT			2393	80.2	191970
ENGINE OIL			26	-	378
UNUSABLE FUEL			36	79.0	844
BASIC EMPTY WEIGHT - ACTUAL			2455	79.5	195192

Put with
Owners manual
fly



SHIP FIVE

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SAMPLE LOADING - AS DELIVERED
 (LOADED TO MAXIMUM PAYLOAD WITH FULL FUEL)

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ITEM	WEIGHT	MOM/100	C.G.	PERTINENT LIMITS
BASIC EMPTY CONDITION (BEW)	2455	1952	79.5	** 2565 LB.
FRONT SEAT OCCUPANTS	340	256		
3RD & 4TH SEAT OCCUPANTS	340	377		
5TH & 6TH SEAT OCCUPANTS	84	128		
SUBTOTAL	3219	2713	84.3	87.7 IN.
BAGGAGE - AFT COMPT	0	0		70 LB.
SUB TOTAL (ZERO FUEL)	3219	2713	84.3	87.7 IN.
FUEL LOADING	444	333		
SUB TOTAL (RAMP CONDITION)	3663	3046	83.2	3663 LB.
*LESS FUEL START, TAXI & TAKE OFF	-13	-10		
SUB TOTAL (TAKE-OFF)	3650	3036	83.2	
LESS FUEL TO DESTINATION	-348	-261		
LANDING CONDITION	3302	2775	84.1	

* FUEL FOR START, TAXI AND TAKE-OFF IS NORMALLY 13 LBS. AT AN AVERAGE MOM/100 OF 10.

** LIMITATION ON THE 5TH AND 6TH SEATS COMBINED OCCUPANT WEIGHT WHEN THE BEW EXCEEDS 2565 LB. - SEE LIMITATIONS SECTION II, PAGE 2-22.

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- NOTES: 1. The "Item No", when shown, is used in reference to the FAA Aircraft Specification No. 3A15.
2. An "*" indicates that an Airplane Flight Manual Supplement is required.

ITEM NO	EQUIPMENT DESCRIPTION	WEIGHT	ARM
11 (e)	Governor - Woodward D210680 or	3	0
(g)	McCaughey C290D3-X/T23	3	0
20	Propeller - McCaughey Constant Speed 3-Bladed	63	-9
(a)	McCaughey D3A32C409 HUB with 82NDB-2 Blades	5	-9
(b)	McCaughey D5259 or D5541 Spinner		
102 (d)	HARTZELL PHC-C3/F-1RF/F8068 7/23/10 Oil Radiator - Modine 1E1774D (TCM 635996)	8	26
103	Induction Air Cleaner	1	0
115 (f)	Pressure Pump - Airborne 212CW	2	31
117 (i)	Fuel Pumps - Boost, Dukes 4613-00-3 or -5	3	74
(j)	Engine Driven, TCM 643535-1	2	29
118 (b)	Starter TCM 646275	15	29
119 (a)	Starter Solenoid - Cutler-Hammer 6041H190	Negl.	-
201 (k)	Main Wheel-Brake Assembly (2ea) Cleveland 6.00-6, No. 20-69 Wheel Assembly No. 40-83B Brake Assembly No. 30-54A	19	97
202 (f)	Main Wheel Tire (2ea) 6-ply Rating Tire With Tube 7.00-6	24	97
205 (f)	Nose Wheel Assembly Cleveland 5.00-5 No. 40-77E	3	2
206 (a)	Nose Wheel Tire 4-ply Rating Tire With Tube 5.00-5	7	2
309 (e)	Alternator - 100 Amp TCM 646491 or 646844	19	1
310 (a)	Battery - 24 Volt 17 Amp-Hr	25	38
311 (a)	Landing Light (2ea) - General Electric 4596	2	-1
312 (b)	Voltage Regulator - Beech 36-380096	1	40

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315 (c)	Anti-Collision Light, Top Whelen 01-0790081-00	1	246
403 (bj)	Pilot's Operating Handbook and FAA Approved Airplane Flight Manual - Beech 36-590002-37	-	-
601 (b)	Stall Warning Indicator Installation Safe-Flight Beech Drawing 58-361013	Negl.	-
602 (c)	Heated Pitot Head Installation Beech Drawing 35-361159	1	74
609 (a)	Emergency Static Air Source Beech Drawing 35-324428	Negl.	-
613 (o)	Optional Seating - Club Arrangement Third And Fourth Aft Facing Seats Fifth And Sixth Forward Facing Seats	52 32	106 155
* 620 (a)	Standby Generator POH/AFM Supplement - Beech 36-590006-21	1	35
* 621	Standby Instrument Air Pressure System POH/AFM Supplement - Beech 36-590006-23		
	Emergency Locator Transmitter		228
SPECIAL EQUIPMENT :			
	Cabin Fresh Air Blower	5	203
	Executive Table	9	135
	Cabin Fire Extinguisher	3	106
	True Airspeed Indicator	1	57
	Three-Light Strobe System	9	151
	Courtesy And Step Lights With Timer	1	100
	Map Light - Control Wheel	1	67
* 6	Bendix/King KFC-150 Flight Control System (STC SA1574CE-D; AFMS 006-0416-01, Rev 1, Dated 4-5-84 2-Axis System	34	133

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Bendix/King KX-165-25 Comm/Nav/GS System		
Transceiver And Rack	6	53
KI-525A Indicator	4	56
58-380112 Antenna - Comm	1	134
Coax Cable - Antenna	1	85
58-380114 Antenna - Nav	1	277
Coax Cable - Antenna	1	168
Speaker	1	88
Microphone And Headset	1	70
Wiring, Plugs, Etc.	2	50
Bendix/King KX-165-24 Comm/Nav System		
Transceiver And Rack	5	53
KI-202 Nav Indicator	1	56
36-380090 Antenna - Comm	1	174
Coax Cable - Antenna	1	110
Wiring, Plugs, Etc.	1	50
Bendix/King KN-63 DME System		
Transceiver And Rack	3	199
KDI-572 Indicator	1	54
Aft Avionics Shelf	3	199
100-384129 Antenna	1	114
Coax Cable - Antenna	1	160
Wiring, Plugs, Etc.	4	100
Bendix/King KMA-24 Audio Panel/Marker Beacon		
Audio Panel/Receiver	2	55
101-384179 Marker Beacon Antenna	1	197
Coax Cable - Antenna	1	120
Wiring, Plugs, Etc.	1	50
Bendix/King KR-87 ADF System		
Receiver And Rack	3	53
KI-227 Indicator	1	57
KA-44B Loop/Sense Antenna	3	159
Coax Cable - Antenna	1	100
Wiring, Plugs, Etc.	1	50
Bendix/King Transponder System		
KT-70 Mode S Transponder	4	55
100-384129 Antenna	1	93
Antenna Coax, Wiring, Plugs, Etc.	1	50
Miscellaneous		
Bendix/King KEA-130A Encoding Altimeter	2	55
Avionics Master Switch	1	45

updated equipment list

GARMIN 430

