

DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

A-761  
Revision 14  
BELLANCA  
(Trytek)  
(Aeronca)  
11AC  
S11AC  
11BC  
S11B6

12 April 1971

AIRCRAFT SPECIFICATION NO. A-761

Type Certificate Holder

Bellanca Aircraft Corp.  
Box 624 Municipal Airport  
Alexandria, Minnesota 56308

I - Model 11AC, 2 PCIM, Approved September 28, 1945  
(See Section III for conversion to model 11BC)

Engine	Continental A-65-8
Fuel	73 minimum octane aviation gasoline
Engine Limits	For all operations, 2300 r.p.m. (65 hp.)
Airspeed Limits (CAS)	Level flight or climb 95 m.p.h. (83 knots) Glide or dive 128 m.p.h. (111 knots)
Propeller Limits (For fixed pitch wood propeller)	Static r.p.m. at maximum permissible throttle setting: Not over 2300, not under 1990 No additional tolerance permitted Diameter: Not over 72 in., not under 70 in.
C.G. Range	(+12.4) to (+22.0) (Rear limit may be (+23.2) provided intentional spins are prohibited).
Empty Weight C.G. Range	(+12.9) to (+19.6) with standard fuel tank only (+12.9) to (+15.2) with Item 104 installed When empty weight C.G. falls within these ranges, it is unnecessary to check the critical forward and aft C.G. positions. Ranges are not valid for arrangements other than indicated
Maximum Weight	1250 lb.
No. of Seats	2 (adjustable from +21.5 to +25.5)
Maximum Baggage	70 lb. (+48.5). Placard required on instrument panel: "INTENTIONAL SPINNING PROHIBITED WHEN BAGGAGE IS CARRIED."
Fuel Capacity	15 gal. (- 6)
Oil Capacity	1 gal. (-32)
Control Surface Movements	Elevator 26° Up 24.5° Down Elevator trim tab 23° Up 31° Down Ailerons 28° Up 18° Down Rudder 28° Right 28° Left
Serial Nos. Eligible	11AC-1 and up
Required Equipment	In addition to the pertinent required basic equipment specified in CAR 4a, the following items of equipment must be installed: 1, 101, 102, 201, 202

### Weight Balance Change

Hinman Aviation		<b>Make</b>	Aeronca
1524 240th St		<b>Model</b>	11AC
Webster City, Iowa		<b>S/N</b>	11AC-1213
	50595	<b>Reg. #</b>	N9576E
515-832-4366		<b>W/O</b>	

**EQUIPMENT CHANGE - WEIGHT & BALANCE**

Items: (Description / P/N / S/N)	Weight Pounds	Arm Inches	Moments Inch/Pounds
<b>Previous Aircraft Empty Weight:</b>	814	16.75	13644.4
Removed America King AK-450 S/n 4503507 ELT	-4	46	-184
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
<b>Totals</b>	810		13460.4

(User records the weight & balance info from his current records.)

A. Old Empty Weight	814	Pounds	
B. Old Empty CG	16.75	Inches	
C. Old Empty Weight CG Moment	13644.4	Inch/Pounds	
D. Max Gross Weight	1250	Pounds	
E. Old Useful Load	435	Pounds	

(The new values are automatically calculated and the results shown below.)

A. New Empty Weight	810	Pounds	
B. New Empty CG	16.617778	Inches	
C. New Empty Weight CG Moment	13460.4	Inch/Pounds	
D. Max Gross Weight	1250	Pounds	
E. New Useful Load	440	Pounds	

This new weight & balance information supersedes all previous weight and balance data.  
 For aircraft loading, see instructions in Weight & Balance Section of Aircraft Flight Manual.

FAA Form 337 Completed? N  
 Equipment List Amended? N

\_\_\_\_\_  
 Authorized Signature

6/4/2020    481062097    A&P  
 \_\_\_\_\_  
 Date                      Cert#                      Title

Notes:  
 Tempary W&B Until new ELT is installed