

AERONCA C-3 AIRPLANE

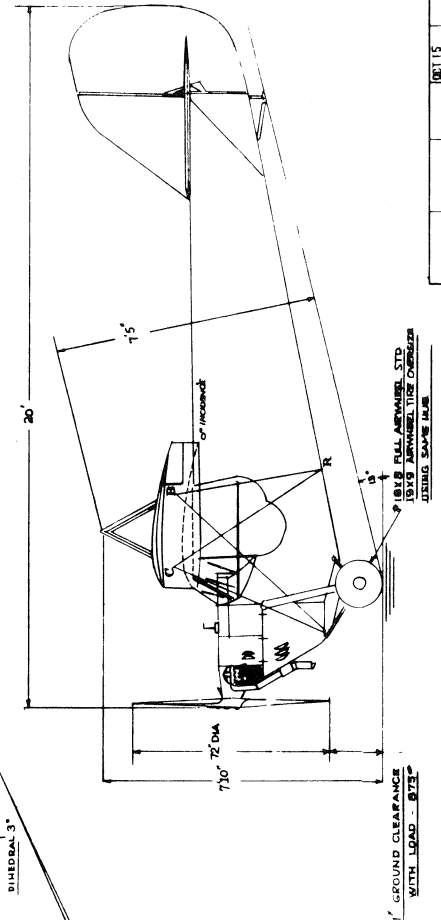
SPAN - 36'-0"
 LENGTH - 36'-0"
 HEIGHT - 7'-4"
 SCALE - 3/32" = 1'-0"

GROSS WT. 875#
 EMPTY WT. 470#
 WING AREA 142.80

Part No	ASSEMBLY	Qty
5014	FUSELAGE ASSEMBLY	1
5015	WING ASSEMBLY L H	1
5015	WING ASSEMBLY R H	1
5015-20	AILERON L H	1
5015-21	AILERON R H	1
5080	CABANE INSTALLATION	1
5014-103	WIRE STR LINE TC	2
5014-108	" " " " TB	2
5014-107	" " " " FC	2
5014-105	" " " " FB	2
5014-110	" " " " RC	2
5014-115	" " " " RB	2
5027	EMPENNAGE INSTALLATION	1
5023	ENGINE INSTALLATION	1
5490	COML & FIREWALL INST	1
5341H	LVG PLATE-CABANE STR	1
5342H	FITTING-STATION	1
5004	LANDING GEAR	1
16'x8'	WHEEL TIRE & TUBE ASSM	2
5014-100	PROPELLER (HARTZELL)	1
5032	COVER-ELEVATOR HBN	1
5158-6	SCREWS-ROD BRASS	4
5096	BRACE-FLYING WIRE	2
5014-105	CLEVIS PINS	24
5030-22	PIN-COTTER	2
231	EXHAUST PIPE	1
237	STOVE-AID HEATER	1
5867	WINDSHIELD	1
5877	AILERON GAP COVER PLATE	2

36'0"

50"



11' GROUND CLEARANCE WITH LOAD - 875#

8 1/2" BALL ARMATURE STD 1010 AIRMATERIAL TIE DOWNER USING SAME MAKE

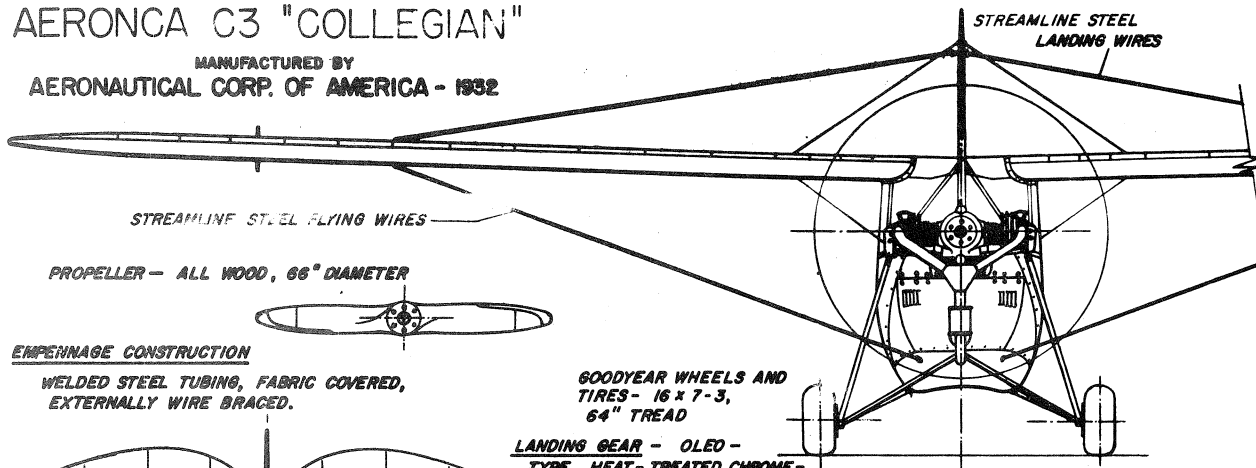
AERONCA INC.

AERONCA - C3

MATERIAL	HEAT TREAT	FINISH	DATE BY	APPROVED	NO.	REVISIONS
AERONAUTICAL CORP OF AMERICA			10-15-30			5003
CHECKED BY: J. E. PLACE						
DRAWN BY: J. E. PLACE						
CINCINNATI, OHIO, U. S. A. 911 907						

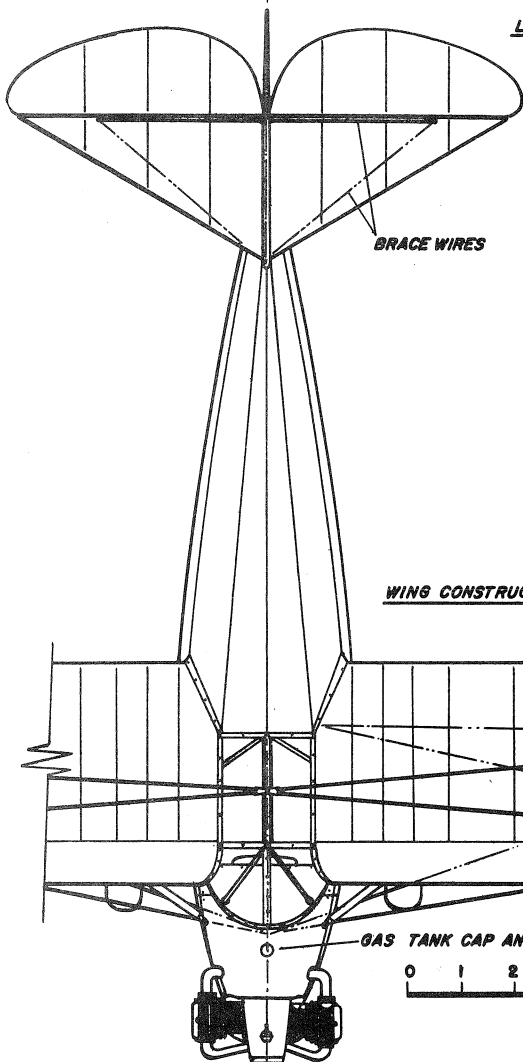
AERONCA C3 "COLLEGIAN"

MANUFACTURED BY
AERONAUTICAL CORP. OF AMERICA - 1932



EMPERNAGE CONSTRUCTION

WELDED STEEL TUBING, FABRIC COVERED, EXTERNALLY WIRE BRACED.



SPECIFICATIONS

WINGSPAN	—	36'
CHORD	—	50"
LENGTH	—	20'
HEIGHT	—	7' 10"
WING AREA	—	142.2 SQ. FT.
EMPTY WEIGHT	—	461 LBS.
GROSS WEIGHT	—	875 LBS.
USEFUL LOAD	—	414 LBS.
WING LOADING	—	6.15 LBS.
POWER LOADING	—	25 LBS.
FUEL CONSUMPTION	—	2.5 GPH.
OIL CONSUMPTION	—	.25 PT./HR.

PERFORMANCE

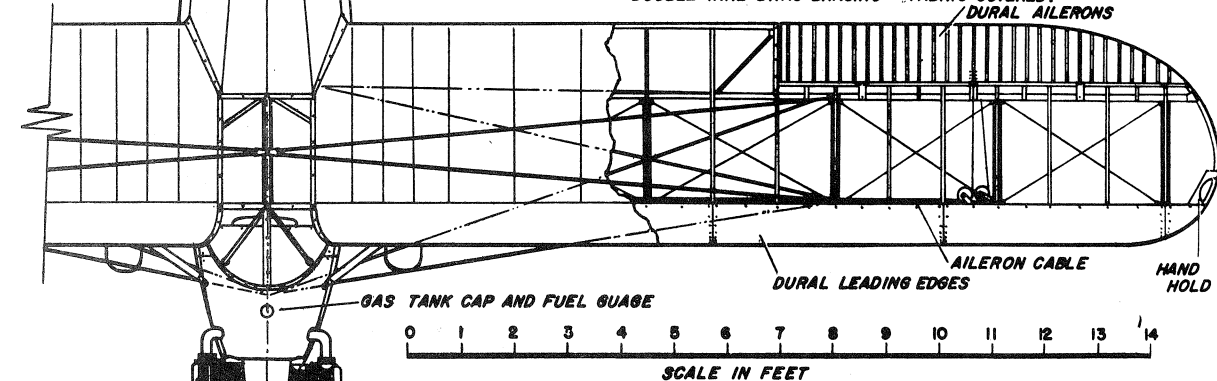
(ALL FIGURES AT GROSS WEIGHT)

TOP SPEED	—	85 MPH.
CRUISING SPEED	—	70 MPH.
LANDING SPEED	—	35 MPH.
RATE OF CLIMB	—	450'/MIN.
GLIDE RATIO	—	10:1
SERVICE CEILING	—	12,000'
ABSOLUTE CEILING	—	16,000'
CRUISING RANGE	—	200 MI.

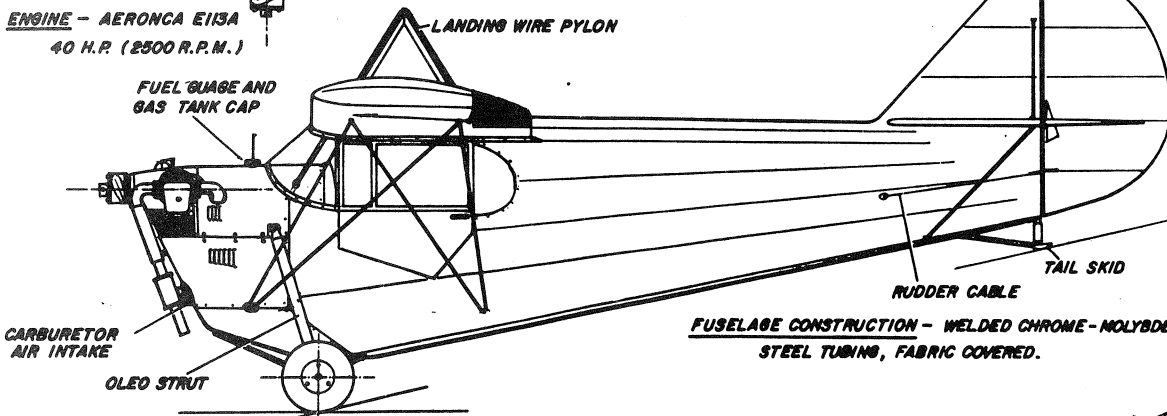
GAA APPROVED TYPE
CERTIFICATE NO 396

WING CONSTRUCTION

SPRUCE SPARS - "CLARK Y" SPRUCE RIBS, SOLID SPRUCE OR BASS COMPRESSION RIBS, DURAL LEADING AND TRAILING EDGES, DOUBLE WIRE DRAG BRACING - FABRIC COVERED.



ENGINE - AERONCA E113A
40 H.P. (2800 R.P.M.)



FUSelage CONSTRUCTION - WELDED CHROME-MOLYBDENUM STEEL TUBING, FABRIC COVERED.