DEPARTMENT OF CONTERCE CIVIL AERONAUTICS ADMINISTRATION WASHINGTON E-205-4
CONTINENTAL

A-65-1
A-65-3
A-65-6, -6J
A-65-7
A-65-8 (0-170-3), -8J, -8F, -8FJ
A-65-9 (0-170-5), -9J, -9F, -9FJ
A-65-12, -12J, -12F, -12FJ
A-65-14, -14J, -14F, -14FJ
May 1, 1946

## AIRCRAPT ENGINE SPECIFICATION

Engines of models described herein conforming with this specification and approved data on file with the Civil Aeronautics Administration are rated as airworthy for use in certificated aircraft in accordance with pertinent aircraft specifications.

Hanu facturer	Continental Note	rs Corporation, Musk	egon, Michigan		in the		
Nodel A-65	<b>-1</b>	-5, -6	-7	-8, -9	-12	-14	
Type	AHOA					Carl Sea	
Ratings				100000000000000000000000000000000000000	TO SPECIAL A		
Max., except take-off							
hp, rpm, at sea leve				1977 04:140	Library		
pressure altitude	65-2860-8.L.	65-2300-8.L.					
Take-off ho, rpm,				the transfer of the same and	ou have reed a	29 10.00	
at full throttle	65-2350	65-2300			AND TUBER	75-2675	
Fiel (Minimum octane							
aviation gasoline)	(20 10 10 10 10 10 10 10 10 10 10 10 10 10	學學是一個學學學系是自然	grande 🖭 🖭 🖰	the sales of a tollowing the	DelBloke Indian eta	80	
Bore and stroke, in.	3.875 x 5.626	學好。1975年,學科學問題的研究的	CONTRACTOR LABORATOR	nitte - Lancia and This - elitable	to distally based	A Appellate	
Displacement, cu. in.	171						
Compression ratio .	6.5,1				Tertacht.		
Weight (dry), lbs. (80	e NOTE 3) 163	178, 176	163	173, 176	171	170	
C.G. location					The state of the s		
Ped. of mounting fac		6.2	6.8	6.2	at store of		
Below prop. shaft, i		1.5	1.2	1.6	Add Add and		
Propeller shaft, (See							
flanged type) SAE No.				• •			
Carburetor (See HOTE 2							
for injectors)	Stromberg MA-SSAl or NA-SSB		where the same is	and the strength of the strength of the			
	buretor with 1-1/4 in. vent			A Transfer Carl Control Transfer Control Control Control			
	or Marvel MA-3-PA carbureto	r with				电 在严肃中的	
A family of the second	1-7/82 in. venturi	A Table Control of the Control	Parameter Parameter				
lgnition	Single	Dual	Single	Dual		和法理制度制造业特	
	Scintilla SF-4L or	Scintilla SF-4R					
	Eisemann AM-4 magneto	or Eisemenn AM-4			AM-4 magnetos, or Case		
		magnetos	AM-4 magnetos	4-CAMA magnetos with			
				pulse coupling (250	retard)		
Ignition timing, oBTC	80	Right 50	\$0	Right 50			
		Left 80		Left 80			
Spark pluge	BG-4B2, 8; 417, 8						
	Champion LM-318; M-31A;	Keyer K			AT BATTLE	a market	
	M-26; G-26, 8, 628	the second second					
	Auto-Lite 18A-1						
Dil sump, capacity (qt		Participation and American Company					
Exhaust port	Πp		DOWEL				
		1,2,3,5,6	1,8,6,6	1,2,3,4,5,7,8		1,2,5,5,	
NOTES	1,8,5,6	1,2,0,0,0	1,0,0,0	7,2,0,2,0,1,0	-10101010	CONTRACTOR OF THE PARTY OF THE	

"- -" indicates "same as preceding model."

Certification basis Production basis Type Certificate No. 205 Production Certificate No. 7

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NOTE 1. Haximum permissible cylinder head, barrel and oil inlet temperatures, 550°P, 550°P and 220°P, respectively

NOTE 2. The following additional models of A-65 series engines are also eligible:

MOTS 5. Engine serial Hos. lower than 340795 incorporate a modified crankcase not suitable for use with rubber shock mountings and a modified engine mount-deduct 5 lbs. from engine dry weight above. With Eisemann Magnetos, deduct 5 lbs. from engine dry weight above. With Case magnetos deduct 2 lbs. from engine dry weight above.

MOTE 4. Military models 0-170-5 and 0-170-5 are identical to models A-65-8 and A-65-9 respectively. When these engines are installed in certificated aircraft, the designation A-65-8 or A-65-9 and T.C. No. 205 should be included on the engine nameplate.

23/62

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