

KENNIS G. BLACKMAN
FAA APPROVED AIRPLANE FLIGHT MANUAL SUPPLEMENT
FOR
CESSNA MODELS 152 AND A152
FAA APPROVED AIRPLANE FLIGHT MANUAL

The information in this document is FAA approved material which, together with the appropriate basic CAA/FAA Approved Airplane Flight Manual, is applicable and must be carried in the basic manual when the airplane is modified by the installation of a Sensenich 72CK-S6-D-52, -54, or -56 propeller on the Lycoming O-235-L2C engines in accordance with STC SA100BNW.

The information in this document supersedes the basic manual only where covered in the items contained herein. For limitations, procedures, and performance not contained in this Supplement, consult the manual proper.

I. LIMITATIONS:

Engine and Engine Limits: Lycoming O-235-L2C or O-235-L2C(M) (STC SE792NW)
Rated RPM: 2700 (115 Hp) (-L2C) or
2800 (125 Hp) (-L2C(M))
FOR ALL OPERATIONS (SEE PLACARDS)

Propeller and Propeller Limits: Sensenich 72CK-S6-D-52, -54, or -56
Diameter: 72" maximum; 70" minimum

STATIC RPM

PROPELLER	MAXIMUM RPM		MINIMUM RPM	
	(-L2C)	(-L2C(M))	(-L2C)	(-L2C(M))
72CK-S6-D-52	2325	2350	2125	2175
72CK-S6-D-54	2300	2325	2100	2150
72CK-S6-D-56	2275	2300	2075	2125

C.G. Range: Same as Type Certificate Data Sheet 3A19.

Placards: Place these placards in full view of the pilot:

1. With the O-235-L2C engine installed:

MAXIMUM CONTINUOUS OPERATION
2700 RPM

2. With the O-235-L2C(M) engine installed:

MAXIMUM CONTINUOUS OPERATION
2800 RPM

(C-152) (A-152)

- 3.

AIRSPEED LIMITS
Vc: 111 KIAS
Vne: 149 KIAS

or

AIRSPEED LIMITS
Vc: 125 KIAS
Vne: 172 KIAS

FAA APPROVED: February 10, 1981
AMENDED DATE: March 24, 1981
AMENDED DATE: January 21, 1983

KENNIS G. BLACKMAN
FAA APPROVED AIRPLANE FLIGHT MANUAL SUPPLEMENT
FOR
CESSNA MODELS 152 AND A152
FAA APPROVED AIRPLANE FLIGHT MANUAL

II. PROCEDURES

No change.

III. PERFORMANCE

Performance with the above engine and propeller combination installed is equal to or better than the data in the FAA Approved Airplane Flight Manual.

FAA APPROVED:



Aircraft
Engineer in Charge, M-100S

DATE: February 10, 1981

AMENDED DATE: March 24, 1981

AMENDED DATE: January 21, 1983