

Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number SA01057SE

This certificate, issued to

**Cub Crafters, Inc.
1918 South 16th Avenue
Yakima, WA 98903-1212**

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.

Original Product—Type Certificate Number: 1A2
Make: Piper/Cub Crafters
Model: PA-18 "150"

Description of the Type Design Change: Install IFR Panel instruments, primary/alternate static system, and heated pitot tube in accordance with the Equipment List below. This installation applies to one aircraft only, Serial Number 9930CC, current registration N117RB. The Sandel Avionics SN3308 Navigation Display shall be maintained in accordance with Sandel Document No. 90106-IM, Revision G(2), dated April 3, 2001, Section 6, Instructions for Continued Airworthiness, or later Federal Aviation Administration accepted revision. (Bulb replacement interval of 225 hours or 1 year, whichever comes first). Title 14 Code of Federal Regulations part 43 is considered adequate for the remainder of the installation.

Limitations and Conditions: The Garmin 530 GPS installed in this aircraft was functionally ground and flight tested per AC 20-138 and meets the requirements for VFR, and IFR enroute and non-precision approaches. Data pertaining to this modification are considered inadequate for duplication in other aircraft. A copy of this certificate, FAA approved Airplane Flight Manual Supplements N117RB-01, -02, and -03, all Revision -, shall be maintained as part of the permanent records of the modified aircraft.

(See Continuation Sheet Page 3)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: September 21, 2001 *Date reissued:* January 26, 2012
Date of issuance: February 26, 2002 *Date amended:*



By direction of the Administrator

(Signature)

Acting Manager, Seattle Aircraft Certification Office
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.
This certificate may be transferred in accordance with FAR 21.47.

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Supplemental Type Certificate

(Continuation Sheet)

Number SA01057SE

Cub Crafters, Inc.*Issued:* February 26, 2002*Reissued:* January 26, 2012*Amended:*

Limitations and Conditions continued: This supplemental type certificate approves the following combination of equipment:

PART NO.	MANUFACTURER	DESCRIPTION
GNS-530	Garmin	GPS/COM/NAV Unit
3308	Sandel	HIS/MFD
WX-500	BF Goodrich	Stormscope
SL-30	Apollo	Nov Com
4305-150	Mid Continent	Remote Directional Gyro
MD 200-306	Mid Continent	CDI
5000B-37	Mid Continent	Attitude Gyro
FD01-301-1	Humphrey	Flux Gate
PMA 7000 MS	PS Engineering	Audio Panel
PCD 7100 R	PS Engineering	CD Player
FP5-L	Electronics Int'l	Fuel flow gauge
R-1	Electronics Int'l	Tach
ASC-5A	Electronics Int'l	Clock
UBG-16	Electronics Int'l	Engine Analyzer
AV-17	Electronics Int'l	Audio Annunciator
MUX-8	Electronics Int'l	Data Recorder
OPT-1	Electronics Int'l	Oil Pressure/Oil temp Gauge
A5812-12	Aero	Heated Pitot
1210	Precise Flight	Pulselite System
S1990	Soderberg	Cockpit Light
(3) CW 2014	Nulite	Instrument light wedge
CW 2014	Nulite	Instrument light wedge
CW 2014AA	Nulite	Instrument light wedge
CAV-160	Saf-Air	Alt. Static Switch
76579	Hobbs	PSI Switch
85094-12	Hobbs	Hour meter
C117RBP-01	Cub Crafters	Static Port
VR-371	Electrodelta	Voltage regulator
PG2A-12V	Pegasus	Compass
15080	Aerosonic	2" Altimeter
16-210-160	UMA	2" Airspeed
8-204-10	UMA	2" VSI
CI-102	Comant	Marker Beacon Antenna
CI-1159C	Comant	VOR/LOC Antenna
C11125	Comant	Diplexer
(2) 2TC2-10	Klixow	Pull Type Breaker
(10) 2TC2-5	Klixow	Pull Type Breaker
(3) 2TC2-3	Klixow	Pull Type Breaker
(2) 2TC2-2	Klixow	Pull Type Breaker
(2) 2TC2-1	Klixow	Pull Type Breaker

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