

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number SA5826NM

This Certificate issued to Horizon Instruments, Inc.
600 S. Jefferson St., Unit C
Placentia, CA 92870

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations, including Title 14 CFR part 23, Amendment 23-41

Original Product Type Certificate Number: 3A17

Make: Cessna

Model: P172D, R172K, 172RG, 175, 175A, 175B, 175C

Description of Type Design Change: Installation of an Engine Electronic Tachometer, Horizon Model P-1000, P/N P100056- (Applicability Table on continuation sheet) in Cessna 172 series aircraft, in accordance with Horizon Instruments, Inc. Master Drawing List No. P100056, Rev. N/C, dated March 12, 1992, or later FAA approved revision.

Horizon Airplane Flight Manual Supplement No. 1, Rev. N/C, August 12, 1992, or later approved revision is required.

Limitations and Conditions: The installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft. The approval of this modification applies to the above-noted airplane model series only. A copy of this STC must be included in the permanent records of the modified aircraft. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

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: April 8, 1991

Date reissued: January 14, 2002
November 18, 2005

Date of issuance: August 28, 1992

Date amended:



By direction of the Administrator

(Signature)

Manager, Propulsion Branch
Los Angeles Aircraft Certification Office

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

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Applicability Table

Aircraft Model	Year	Horizon Tachometer Part Number
P172D	1963	P100056-149
R172K	1977 - 1981	P100056-164
172RG	1980 - 1985	P100056-176
175	1958 - 1959	P100056-186
175A	1960	P100056-186
175B	1961	P100056-186
172C	1962	P100056-186

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