FEDERAL AVIATION AGENCY	FORM APPROVED, BUDGET BUREAU NO. 04-R015
SUPPLEMENTAL TYPE CERTIFICATE	INSTRUCTIONS – SUBMIT IN TRIPLICATE TO LOCAL FAA FLIGHT STANDARDS INSPECTOR. COPY WILL BE RETURNED TO APPLICANT UPON ISSUANCE

1. NAME AND ADDRESS OF APPLICANT

Vern Barker
2860 E. Wardlow Road
Long Beach, California 90807

2. SUPPLEMENTAL TYPE CERTIFICATE APPLIED FOR:

[X] AIRCRAFT [ ] ENGINE [ ] PROPELLER

ORIGINAL MODEL DESIGNATION

American P-51D (North American)

NEW MODEL DESIGNATION *(If desired)*

3. DESCRIPTION OF CHANGE Installation of Rolls Royce Packard V-1650-9A engine and Aero-products A542/H20-162-29M5 propeller in accordance with Vern Barker Instruction No.3 dated January 27, 1966.

Limitation of Applicability: The approval of this change in type design applies to the basic North American P-51D aircraft. This approval should not be extended to other specific aircraft of this model on which any previously approved modifications have been incorporated unless it is first determined that the relationship between this change and any previously incorporated modification will have no adverse effect on the airworthiness of these aircraft.

Operational Limitations: See reverse side.

Certification Basis: CAR Part 9 Limited Category

a. WILL DATA BE AVAILABLE FOR SALE OR RELEASE TO OTHER PERSONS? [X] YES [ ] NO

b. WILL PARTS BE MANUFACTURED FOR SALE *(Ref. CAR 1.55)*? [X] YES [ ] NO

5. SIGNATURE AND TITLE OF APPLICANT

Vern Barker
SIGNATURE

12-14-65
DATE OF APPLICATION

TITLE

6. To be Completed by FAA

NATURE AND LOCATION OF DATA Data consisting of the above noted installation instructions are filed at Aircraft Engineering Division, FAA Western Region, Los Angeles, Calif.

ORIGINAL TYPE CERTIFICATE NO.

L-11

SUPPLEMENTAL TYPE CERTIFICATE NO.

1 1182WE (SA1182WE)

DATE OF APPROVAL 3-22-66

FAA APPROVAL

Original signed by
Rocco L. Lopez
SIGNATURE

Charles R. Hawks, Chief
Aircraft Engineering Division

TITLE

* U.S. GOVERNMENT PRINTING OFFICE : 1959 O—509657 FORM FAA-2417 (5-59)

Operational Limitations: All ratings and limitations shown in Spec. L-11 (page 135, Aircraft Listing) for the V-1650-7 engine are applicable to the V-1650-9A engine.

The following limits are applicable to the A542B1/H20-162-29M5 propeller:

Diameter - 11 ft. 1 in. maximum and minimum.
No cut off for repairs permitted.
Pitch at 42 in. station - low 26.2°
high 61°