

United States of America  
Department of Transportation — Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SH4507NM

*This certificate, issued to* Los Angeles County Sheriff's Department, Aero Bureau

*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 6\* of the Civil Air*

*Regulations. \*Certification basis is set forth in T.C. Data Sheet 1H11, Rev. 16.*

*Original Product — Type Certificate Number:* 1H11

*Make:* Sikorsky

*Model:* S-58BT, S-58DT, S-58ET, S-58FT, S-58HT, S-58JT

*Description of Type Design Change:*

Approval for takeoffs and landings up to and including 12,000 feet density altitude is authorized in accordance with L.A. County Sheriff's Department, Aero Bureau, FAA Approved Rotorcraft Flight Manual, Supplement No. 1, dated September 20, 1988, or later FAA approved revision.

*Limitations and Conditions:* Limited to the PT6T-3 and -6 engine installations only (Configuration II) for the models listed above. This approval should not be extended to other aircraft of these models on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft. This determination should include consideration of significant changes in weight distribution such as an increase in the fixed disposable weight of the aircraft. *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:* March 24, 1988

*Date reissued:*

*Date of issuance:* September 22, 1988

*Date amended:*



*By direction of the Administrator*

*Fredrick Lee*  
(Signature)  
Manager, Los Angeles 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.

United States of America  
Department of Transportation—Federal Aviation Administration  
**Supplemental Type Certificate**  
(Continuation Sheet)

*Number*

SH4507NM

LIMITATIONS AND CONDITIONS: (continued)

fuselage.

The Limitations and Conditions of Type Certification 1H11 apply except as outlined below:

FLIGHT LIMITATIONS:

1. Figure 1 must be used to determine the maximum allowable gross weight for takeoff and landing above 6500 feet density altitude.
2. The maximum density altitude for takeoff and landing is 12,000 feet.
3. Maintain a minimum of 93% NR during takeoff and landing above 8000 feet density altitude.
4. Takeoff and landings above 8000 feet density altitude approved with the Pratt and Whitney PT6T-3 and PT6T-6 engines installed only. (Refer to appropriate limitations and performance information.)

---

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

United States of America  
Department of Transportation—Federal Aviation Administration  
**Supplemental Type Certificate**  
(Continuation Sheet)

Number SH4507NM

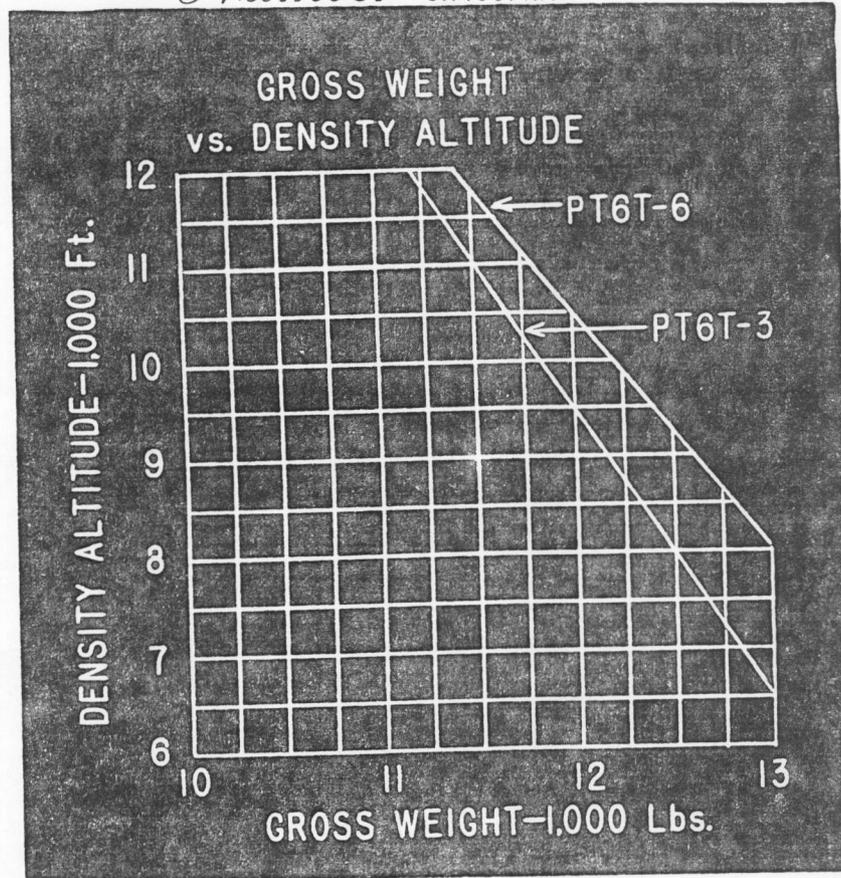


FIGURE 1

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