

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

*Number* SA337GL-D

*This certificate, issued to* Garrett Aviation Services  
2 North Airport Drive  
Capital Airport  
Springfield, IL 62707

*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 03 of the Civil Air Regulations.* See Type Certificate Data Sheet 2A4 for complete certification basis.

*Original Product — Type Certificate Number:* 2A4  
*Make:* Twin Commander Aircraft Corporation  
*Model:* 680T, 680V, 680W, 681

*Description of Type Design Change:*

Installation of AiResearch TPE 331-1-151D engines in accordance with AiResearch Aviation Company drawing list report no 5, dated May 23, 1980, no revision, or later FAA approved revision.

*Limitations and Conditions:*

This approval should not be incorporated in any aircraft of these specific models on which other approved modifications are incorporated, unless it is determined that the interrelationship between this change and any of those previously incorporated approved modifications will not introduce any adverse effect upon the airworthiness of the aircraft. (See page 3 for additional limitations and conditions.)

*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:* February 4, 1980

*Date issued:* December 4, 1986; June 30, 1994

*Date of issuance:* May 23, 1980

*Date amended:* August 27, 1980; October 29, 1980



*By direction of the Administrator*  
*Gregory M. Byrnes*  
Gregory M. Byrnes (Signature) Facility Manager  
Garrett Aviation Services  
FAA DAS 1 GL, Springfield, IL 62707  
(Title)

*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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 (Continuation Sheet)

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2. FAA approved AiResearch Aviation Company Flight Manual Supplement dated May 23, 1980 for the Model 681, and October 29, 1980 for Models 680T, 680V and 680W, is required for this installation.
3. Aircraft specifications are the same as listed in the Type Certificate Data Sheet 2A4, except as noted.

Engine Limitations

<u>Condition</u>	<u>Shaft H.P.</u>	<u>RPM</u>	<u>EGT</u>	<u>Time</u>
All	-	2100 (105%)	-	10 seconds
Takeoff	575	2000 (100%)	576°	5 minutes
Max Cont.	500	2000 - 1920 (100 - 96%)	546°	No Limit

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