

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

*Number* **ST02121CH**

*This Certificate issued to*

Flight Test Aerospace, Inc.  
1224 Flight Line, Hangar 68  
Mojave, California 93501

*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 25\* of the Federal Aviation Regulations. See Type Certificate Data Sheet No. A10CE amended by Special Conditions No. 25-227-SC, dated February 21, 2003, Docket No. NM240 for complete certification basis.*

*Original Product Type Certificate Number:*

AA10CE

*Make:*

Learjet Inc.

*Model:*

24; 24; 24B; 24B-A; 24C; 24D; 24D-A; 24E; 24F; 24F-A;  
25; 25A; 25B; 25C; 25D; 23F

*Description of Type Design Change:* Certification for Reduced Vertical Separation Minimum (RVSM) operational capacity and installation of dual Honeywell AM-250 altimeters and Rosemount model 0856NA Pitot-Static Probes in accordance with Flight Test Associates, Inc. Master Drawing List No. FTA-LR-001002, Revision C, dated February 28, 2005, or later FAA approved revision.

*Limitations and Conditions:*

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. FAA Approved Airplane Flight Manual Supplement, Flight Test Associates Doc. No. FTA-LR-001021, Revision I/R approved March 23, 2005, or later FAA approved revision is required onboard models 24 and 25 aircraft.
3. FAA Approved Airplane Flight Manual Supplement, Flight Test Associates Doc. No. FTA-LR-001022, Revision I/R, approved March 23, 2005, or later FAA approved revision is required onboard modified Models 24 and 25 aircraft.
4. The aircraft must be maintained in accordance with Airworthiness Limitations contained in Flight Test Associates Document No. FTA-LR-001013, Revision I/R, Section, Airworthiness Limitations, FAA approved March 23, 2005

*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*

*Date of application:* August 11, 2004

*Date reissued:* March 30, 2005, April 11, 2016

*Date of issuance:* March 24, 2005

*Date amended:*

*Aviation Administration.*

*By direction of the Administrator*



(Signature)

Steve Bogucki  
Manager (Acting), Technical & Administrative  
Support Staff  
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.*

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

*Number* ST02121CH

*Limitations and Conditions:* (Continued from Page 1)

5. The installation is limited to Learjet models 24 and 25 aircraft equipped with a FA-110 (J.E.T.) autopilot.
6. The installation is limited to Learjet model 24 aircraft having one of the following installed Wings or Wing Modifications:
  - a. "Mark II" modification per STC SA232NW or SA253NW.
  - b. "Softflite I" installed by Aircraft Modification Kit (AMK) 83-04 *Handling Qualities Improvement for Aircraft Not Equipped with Reduced Approach Speed System* on in-service aircraft S/N 24-100 thru 24-328, except 24-218.
  - c. "Century III" factory installed introduction on S/N 24-329 thru 24-357 or factory installed Aircraft Accessory Kit (AAK) 76-04 *Reduced Approach Speed System Kit* on in-service aircraft S/N 24-100 thru 24-328.
  - d. "Softflite, Century III" installed by Aircraft Modification Kit (AMK) 83-05 *Installation of Wing Fences, Stall Strips, and Boundary Layer Energizers* on in-service aircraft S/N 24-100 thru 24-357 (S/N 24-100 thru 24-328 requires AAK 76-04 be *Boundary Layer Energizers* on in-service aircraft S/N 24-100 thru 24-357 (S/N 24-100 thru 24-328 requires AAK 76-04 be installed).
7. The installation is not valid for Learjet model 25F/F aircraft, serial numbers 25-337, 25-352, 25-361, and 25-370 thru 25-372, and is limited to Learjet model 25 aircraft having one of the following installed Wings or Wing Modifications:
  - a. "Mark II" modification per SSTC SA225NW.
  - b. "Softflite I" installed by Aircraft Modifications Kit (AMK) 83-04 *Handling Qualities Improvement for Aircraft Not Equipped with Reduced Approach Speed System*, on – in-service aircraft S/N 25-003 thru 25-205.
  - c. "Century III" factory installed in production on S/N 25-290 thru 25-369, excluding S/N 25-337, 25-352, and 25-361 or by Aircraft Accessory Kit (AAK) 79-10 or Aircraft Modification Kit (AMK) 83-05, both titled *Installation Wing Fences, Stall Strips, and Boundary Layer Energizers*, on in-service aircraft S/N 25-003 thru 25-289 (S/N 25-003 thru 25-205 requires AAK 76-04 be installed).
8. 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.

-END-

---

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