

Department of Transportation — Federal Aviation Administration  
**Supplemental Type Certificate**

T81RM-DS

printed in  
 STC Book

*Number* SA42RM

*This certificate, issued to* Frontier Airlines  
 8250 Smith Road  
 Denver, Colorado 80207

*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 4b of the* CAR

*Regulations.*

*Original Product — Type Certificate Number:* 6A6  
*Make:* Convair  
*Model:* 340/440 (CV-580)

*Description of Type Design Change:* Installation of two Sperry GH-14 primary gyro horizon instruments, rearrangement of the captain's and flight officer's instrument panels, and installation of single King KDM-705A DME system with dual indicators in accordance with Frontier Airlines Top Drawing 331-411478 Revision C.

*Limitations and Conditions:* This approval should not be extended to other aircraft of this model on which 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 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:* September 20, 1974

*Date reissued:* January 20, 1975

*Date of issuance:* January 15, 1975

*Date amended:*



*By direction of the Administrator*

*Mark E. Baldwin*  
 (Signature)

MARK E. BALDWIN, Chief  
 Engineering and Manufacturing Branch, ARM-210

(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.*