

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

*Number* SA8424SW-D

*This Certificate issued to* RAM Aircraft, Limited Partnership  
7505 Karl May Drive  
Waco, TX 76708

*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 3 of the Civil Air Regulations.*

*Original Product Type Certificate Number:* A7CE

*Make:* Cessna

*Model:* 414

*Description of Type Design Change:* Increase the maximum takeoff weight to 6765 lbs. and maximum landing weight to 6430 lbs. in accordance with RAM Aircraft, Limited Partnership, drawing no. 1546, Rev. B, dated August 17, 1992 or later FAA approved revision.

*Limitations and Conditions:* As part of this modification, Ram 335 Horsepower Engines must be installed in accordance with STC SA4379SW-D, Ram part number 1498-3 Intercooler Scoops must be installed in accordance with STC SA8054SW-D and Ram Vortex Generators must be installed

(See continuation sheet 3 of 3)

*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:* October 03, 1991

*Date reissued:* October 8, 2001; February 28, 2008;  
September 4, 2008

*Date of issuance:* September 14, 1992

*Date amended:*

*By direction of the Administrator*



ORIGINAL SIGNED BY TERRY BOWDEN

(Signature)

Terry L. Bowden  
DAS administrator DAS-700100-SW  
RAM Aircraft LP Waco, Texas

(Title)

United States Of America  
Department of Transportation - Federal Aviation Administration

**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* SA8424SW-D

Date of Issuance: September 14, 1992

Reissuance Date: September 4, 2008

*Limitations and Conditions* (Continued): In accordance with STC SA7984SW-D. FAA Approved Flight Manual Supplement Number FM1030, dated September 14, 1992 or later FAA approved revision is required. Compatibility of this modification with previously installed equipment must be determined by installer. 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.