

United States of America  
Department of Transportation -- Federal Aviation Administration

# Supplemental Type Certificate

Number ST02435AK

*This certificate issued to*

Alaska Air Fuel  
P. O. Box 360  
Palmer, AK 99645

*certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 04 of the Civil Air Regulations*

*Original Product – Type Certificate Number:* A-762

*Make:* The Boeing Company

*Model:* C54E-DC

*Description of Type Design Change:* Installation of four Boeing bulk liquid tanks in accordance with Alaska Air Fuels document number AAF099-ICA, Revision A, dated June 9, 2014, or later FAA approved revision.

*Limitations and Conditions:*

- 1) You cannot use descriptive data about this design change to duplicate other products. This approval is limited to only the installation made in The Boeing Company (McDonnell Douglas Corporation) Model C54E-DC, Serial Number 10547. This Supplemental Type Certificate (STC) does not permit manufacturing of parts for multiple installations.
- 2) This approval is for the carriage of non-hazardous materials only. Some areas that may need to be addressed for the carriage of hazardous materials are:
  1. Fire detection and suppression
  2. Leakage detection and collection for proper disposal
  3. Lightning protection of the vents

If hazardous materials are to be carried in the tanks, an additional approval in accordance with Title 49 CFR section 175.310 is required.

- 3) For Instructions for Continued Airworthiness, refer to Alaska Air Fuels document AAF099-ICA, Revision A, dated June 9, 2014, or later FAA accepted revision.
- 4) When the bulk liquid tanks are installed operations must be in accordance with Aircraft Flight Manual Supplement AAF099-AFMS, dated June 20, 2014, or later FAA approved revision.

*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 31, 2013.

*Date reissued:*

*Date of issuance:* June 20, 2014

*Date amended:*



*By direction of the Administrator*

(Signature)

August A. Asay  
Manager, Anchorage Aircraft Certification Office

(Title)