

Supplemental Type Certificate

Number ST02537LA

This Certificate issued to Coulson Aviation (USA) Inc.
655 South Rock Blvd.
Reno, Nevada 89502

*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 * of the * Regulations.*

*Original Product Type Certificate Number: **

*Make: **

*Model: **

* See attached FAA approved Model List (AML) No. ST02537LA for list of approved airplane models and applicable airworthiness regulations

Description of Type Design Change: Installation of below the floor retardant tank on Coulson Aviation (USA) Inc. EC-130Q and Lockheed 382G models in accordance with the Master Data List noted in AML ST02537LA.

Limitations and Conditions: This STC provides installation provisions only, it does not allow the holder to operate any system installed by this STC. The lower tank drop doors must be mechanically locked in accordance with door lock assembly drawing A-CAL-1508 to prevent accidental opening. The approval of this change applies to the models listed on FAA approved AML ST02537LA only. This installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this change and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft.

(Limitations and conditions continued on page 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: September 22, 2014

Date reissued:

Date of issuance: June 12, 2015

Date amended:

By direction of the Administrator



(Signature)

Manager, Airframe Branch
Los Angeles Aircraft Certification Office

(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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United States Of America
Department of Transportation - Federal Aviation Administration
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Limitations and Conditions (continued): The approval of this modification applies to the above noted airplane model series only. 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.

Certification Basis:

Coulson Aviation (USA) Inc. model EC-130Q

Based on Title 14 Code of Federal Regulations sections 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Coulson Aviation (USA) Inc. model EC-130Q aircraft with the Coulson Aviation (USA) Inc. RADS Lower Tank Provisions STC is as follows:

- a. The type certification basis for parts **not changed or not affected** by the change is shown on TCDS T00019LA.
- b. The type certification basis for parts **changed or affected** by the change since the referenced date of application, September 22, 2014, is based upon part 25 as amended by Amendment 25-138. The certification basis for this modification was determined to be:

Regulations at the latest amendment level 25 – 0 through 25 – 138

14 CFR: 21.20, 25.21, 25.25, 25.29, 25.301 - 25.307, 25.561, 25.571, 25.601 – 25.613, 25.625, 25.787, 25.789, 25.841, 25.843, 25.1301, 25.1309, 25.1353, 25.1438, 25.1529

Regulations at an intermediate amendment

14 CFR 25.571 Amendment 25-54

Lockheed model 382G

Based on Title 14 Code of Federal Regulations sections 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Lockheed model 382G aircraft with the Coulson Aviation (USA) Inc. RADS Lower Tank Provisions STC is as follows:

- a. The type certification basis for parts **not changed or not affected** by the change is shown on TCDS A1SO.
- b. The type certification basis for parts **changed or affected** by the change since the referenced date of application, September 22, 2014, is based upon part 25 as amended by Amendment 25-138. The certification basis for this modification was determined to be:

Regulations at the latest amendment level 25 – 0 through 25 – 138

14 CFR: 21.20, 25.21, 25.25, 25.29, 25.301 - 25.307, 25.561, 25.571, 25.601 – 25.613, 25.625, 25.787, 25.789, 25.841, 25.843, 25.1301, 25.1309, 25.1353, 25.1438, 25.1529

Regulations at an intermediate amendment

14 CFR 25.571 Amendment 25-54

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