

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

Number SA02443AK

This certificate issued to Aero Twin, Inc.
2403 Merrill Field Drive
Anchorage, AK 99501

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 23 of the Civil Air Regulations

Original Product - Type Certificate Number: A00007SE

Make: Quest

Model: Kodiak 100

Description of Type Design Change:

Fabrication and installation of Aero Twin, Inc., Rudder Gust Lock Kit No. QK-4111 on Quest Kodiak 100 aircraft in accordance with Aero Twin, Inc., Master Data List No. QK-4111-MDL, Original Issue, dated January 30, 2015, or later FAA approved revision.

Limitations and Conditions:

1. The compatibility of this design change with previously approved modifications must be determined by the installer.
2. 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.
3. Instructions for Continued Airworthiness, Aero Twin, Inc. document number QK-4111-ICA, Original Issue, dated March 17, 2014, or later FAA accepted revision is a required part of this modification.
4. Airplane Flight Manual Supplement (AFMS), Aero Twin Doc. No. QK-4111-AFMS, Original Issue, dated January 30, 2015, or later FAA approved revision is a required part of this modification.

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: April 4, 2014
Date of issuance: January 30, 2015

Date reissued:
Date amended:



By direction of the Administrator

August A. Asay
(Signature)

August A. Asay
Manager, Anchorage Aircraft Certification Office

(Title)

Aero Twin, Inc
2403 Merrill Field Dr
Anchorage, AK 99501
(907)274-6166

Quest Kodiak 100
QK-4111 Rudder Gust Lock
Airplane Flight Manual Supplement
QK-4111-AFMS

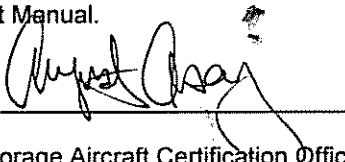
FAA-APPROVED
Airplane Flight Manual Supplement
for
Quest Kodiak 100 Aircraft
Equipped with
Rudder Gust Lock P/N QK-4111

Doc. No. QK-4111-AFMS

This airplane flight manual supplement must be made available to the pilot when operating Quest Kodiak 100 aircraft equipped with rudder gust lock QK-4111 per STC SA02443AK. This manual supplements Quest Aircraft Company Pilot's Operating Handbook and FAA Approved Airplane Flight Manual for the Kodiak 100, which must also be made available to the pilot.

The information contained herein supplements or supersedes the information of the basic Pilot's Operating Handbook and FAA Approved Flight Manual only in those areas listed herein. For limitations, procedures, and performance information not contained in this Supplement, consult the basic Pilot's Operating Handbook and FAA Approved Flight Manual.

FAA-Approved: _____



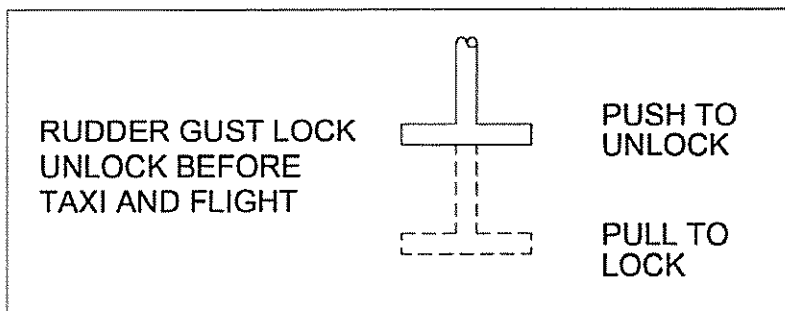
Manager, Anchorage Aircraft Certification Office
Federal Aviation Administration
Anchorage, Alaska

Date: IAN 30 2015

Section 1. GENERAL: Unchanged

Section 2. LIMITATIONS:

PLACARDS: On the left side of the tailcone, affixed halfway up and near the front of the tailcone:



On either side of the nose gear fairing, above the towbar attachment points:

UNLOCK RUDDER AT
REAR OF PLANE
BEFORE TOWING,
TAXI OR FLIGHT

Section 3. EMERGENCY PROCEDURES:

Unchanged

Section 4. NORMAL PROCEDURES:

PREFLIGHT INSPECTION (EMPENNAGE section):

Rudder Lock – Unlock by pushing up on handle on bottom side of tailcone.

BEFORE STARTING ENGINE: Elevator control FULL UP to trip fail-safe rudder lock release. Then return elevator control to FULL DOWN and release.

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event that the engagement of the of the rudder gust lock still goes completely unnoticed and the pilot commences a takeoff run with the rudder and steering inoperative, initiation of the rotation to take off will deflect the elevator upward sufficiently to disengage the rudder gust lock.

Section 8. AIRPLANE HANDLING, SERVICE AND MAINTENANCE:

GROUND HANDLING AND TOWING:

!CAUTION!

Remove any external rudder locks before towing.

Disengage Aero Twin's Rudder Gust Lock at the bottom side of the tailcone before towing, starting the engine, or moving the airplane on the ground in any manner.

GROUND HANDLING, PARKING:

Engage Aero Twin's Rudder Gust Lock at the bottom side of the tailcone.

Section 9. SUPPLEMENTS:

This supplement is added to the basic Pilot's Operating Handbook and FAA Approved Airplane Flight Manual.

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