

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate
Number ST01939LA

This certificate issued to Interad Limited, LLC
18321 Parkway
Melfa, VA 23410

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 25 of the Federal Aviation Regulations.

Original Product - Type Certificate Number: A28NM
Make: Airbus
Model: A319-133, and -115

Description of Type Design Change:

Installation of Rockwell Collins Tailwind 550 Direct TV system in accordance with BaySys Technologies Master Data List No. 8050-ED-1067, Revision L, dated November 20, 2006, or later FAA approved revisions.

FAA Approved Flight Manual Supplement, BaySys Technologies Document No. 8050-AFMS, Revision IR, dated November 20, 2006, or later FAA approved revision is required.

Limitations and Conditions:

1. This approval should not be incorporated on any certificated product of this model on which other approved modifications are incorporated, unless it is determined that the relationships between this change and any of those previously incorporated modifications will not introduce any adverse effect upon the airworthiness of the certificated product. A copy of this STC must be included in the permanent record of the aircraft. 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.

(See Continuation Sheet 2)

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, 2005

Date reissued: November 29, 2006, August 28, 2009,
June 1, 2011

Date of issuance: November 21, 2006

Date amended:



By direction of the Administrator

(Signature)

Michele Maurer
Acting Manager
New York 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.

Supplemental Type Certificate

(Continuation Sheet)

Number ST01939LA

Date of Reissuance: June 1, 2011

Limitations and Conditions (Continued):

2. Maximum Takeoff Weight and Maximum Landing Weight shall be reduced as follows:
 - Takeoff 350 lbs. (159 Kg)
 - Landing 410 lbs (186 Kg)

3. For airplane(s) modified by this STC, prior to the accumulation of 9,200 total flight cycles from the STC modification, the following structural areas must be inspected in accordance with a FAA approved Eddy Current Inspection procedures for cracks, and this inspection must be repeated at intervals not to exceed 6,200 flight cycles thereafter. If crack is found, it must be repaired before further flight with a method approved by the FAA.
 - a. The fuselage skin at all fastener holes, common to the radome adaptor to be inspected from the outside for crack(s),
 - b. The fuselage skin and the external doubler for the antenna mount, at all their attachment locations to be inspected from the inside for crack(s),
 - c. The fuselage skin, the tripler and the doubler for the pressure seal connectors, at all their attachment locations as well as the open hole, to be inspected from the inside for crack(s).

NOTES: Prior to this mandatory inspection, the radome for the Tailwind 550 antenna, the antenna, the antenna O-ring, and the pressure seal connectors must be removed. The required Eddy Current Inspection procedures must be developed by the STC holder and approved by the FAA. Inspection, more sensitive than Eddy Current Inspection may also be proposed for FAA approval. This limitation supersedes the section 9 of BaySys document No. 8050-AWLS, "Airworthiness Limitations Supplement", Revision A.

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