

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

Number SA917EA

This certificate issued to
Honeywell International Inc.
550 Route 55
Urbana, OH 43078

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 3/23 of the Civil Air / Federal Aviation Regulations.

Original Product--Type Certificate Number: See Attached Eligibility List

Make: No. 34-1002, Revision D,

Model: Dated April 27, 1977

Description of Type Design Change:

Installation of "Grimes Manufacturing Company Aviation White Anticollision Strobe Light Systems Two Light or Three Light Series 555 for Wing Tips and Tail P/N 03-0555-()" in accordance with Grimes Manufacturing Company Instruction Sheets P/N 30-0555-(), Revision D, dated April 27, 1977, or later FAA approved revision.

Limitations and Conditions:

- 1) The Aviation White Anticollision Light Systems P/N 30-0555-() listed in the aforementioned Instruction Sheets meet the requirements of FAR 23 as follows:
 - a. 23.1397 (c), 23.1401 (c), (d), (e), effective August 11, 1971,
 - b. 23.1401 (f) in effect on August 10, 1971.

(See STC Continuation Sheet 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: February 21, 1972

Date reissued: May 5, 1988, November 5, 1991, June 4, 2007

Date of issuance: May 30, 1972

Date amended: July 23, 1973, November 30, 1977



By direction of the Administrator

(Signature)

Charles L. Smalley
Manager, Systems and Flight Test Branch
Chicago Aircraft Certification Office

(Title)

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(Continuation Sheet)

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Date Reissued: June 4, 2007

Limitations and Conditions: Cont.

2. To complete the approval of these lights as anticollision light systems, the installations on individual aircraft must be checked to show compliance with FAR 23.1401 (b) (Field of Coverage). The Instruction Sheets contain an acceptable method for checking the adequacy of coverage when using two lights (wing tips) or three lights (wing tips and tail lights).

NOTE: Field of coverage requirements must be met after masking (if any) is installed.

3. The following placard must be mounted in front and in plain view of the pilot and in reasonably close proximity to the strobe light switch:

“CAUTION: TURN OFF STROBE LIGHT WHEN TAXIING NEAR OTHER AIRCRAFT OR WHEN FLYING IN FOG OR CLOUDS. STANDARD POSITION LIGHTS MUST BE USED FOR ALL NIGHT OPERATIONS.”

4. This approval should not be extended to other aircraft of these models on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of those aircraft. This determination should include a night flight check as specified in AC 43.13-2 Chapter 4, Paragraph 42a.

5. NOTE: At this time, aircraft whose application for type certificate was made before April 1, 1957 may, but need not comply with the field of coverage requirements of FAR 23.1401 (b). These aircraft must comply with the requirements that the lights will not be detrimental to the flight crew's vision or detract from the conspicuity of the position lights (i.e., does not physically obstruct the field of coverage of the position lights).

6. 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.

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