

UNITED STATES OF AMERICA  
DEPARTMENT OF TRANSPORTATION-FEDERAL AVIATION ADMINISTRATION  
**STANDARD AIRWORTHINESS CERTIFICATE**

|                                                   |                                                    |                                      |                              |
|---------------------------------------------------|----------------------------------------------------|--------------------------------------|------------------------------|
| 1 NATIONALITY AND<br>REGISTRATION MARKS<br>N114SS | 2 MANUFACTURER AND MODEL<br>Rockwell Commander 114 | 3 AIRCRAFT SERIAL<br>NUMBER<br>14291 | 4 CATEGORY<br>Normal/Utility |
|---------------------------------------------------|----------------------------------------------------|--------------------------------------|------------------------------|

5 AUTHORITY AND BASIS FOR ISSUANCE

This airworthiness certificate is issued pursuant to 49 U.S.C. § 44704 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein.

Exceptions

NONE

6 TERMS AND CONDITIONS

Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the FAA, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

|                                    |                                                                                                                           |                                  |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| DATE OF ISSUANCE<br>R - 05/14/2003 | FAA REPRESENTATIVE<br><br>Keith Ruconich | DESIGNATION NUMBER<br>NM FSDO 09 |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------|

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000 or imprisonment not exceeding 3 years or both.

THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS  
FAA Form 8100-2 (04-11) Supersedes Previous Edition



## DEPARTMENT OF TRANSPORTATION-FEDERAL AVIATION ADMINISTRATION

**STANDARD AIRWORTHINESS CERTIFICATE**

|                                          |                          |                             |            |
|------------------------------------------|--------------------------|-----------------------------|------------|
| 1c NATIONALITY AND<br>REGISTRATION MARKS | 2 MANUFACTURER AND MODEL | 3 AIRCRAFT SERIAL<br>NUMBER | 4 CATEGORY |
| N114SS                                   | Rockwell Commander 114   | 14291                       | Utility    |

## 5 AUTHORITY AND BASIS FOR ISSUANCE

This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein.

Exceptions

None

**SUPERSEDED**

## 6 TERMS AND CONDITIONS

Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

|                  |                        |                    |
|------------------|------------------------|--------------------|
| DATE OF ISSUANCE | FAA REPRESENTATIVE     | DESIGNATION NUMBER |
| May 14, 2003     | Catherine G. VanAssche | WP05               |

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.



**STANDARD AIRWORTHINESS CERTIFICATE**

|                                         |                          |                             |            |
|-----------------------------------------|--------------------------|-----------------------------|------------|
| 1 NATIONALITY AND<br>REGISTRATION MARKS | 2 MANUFACTURER AND MODEL | 3 AIRCRAFT SERIAL<br>NUMBER | 4 CATEGORY |
| N4971W                                  | Rockwell Commander 114   | 14291                       | Utility    |

## 5 AUTHORITY AND BASIS FOR ISSUANCE

This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein.

Exceptions

None

## 6 TERMS AND CONDITIONS

Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

|                  |                        |                    |
|------------------|------------------------|--------------------|
| DATE OF ISSUANCE | FAA REPRESENTATIVE     | DESIGNATION NUMBER |
| May 14, 2003     | Catherine G. VanAssche | WP05 LGB FSDO      |

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

1  
2  
3

**Ruconich, Keith (FAA)**

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**From:** Marvin Coolidge <marvin.coolidge@gmail.com>  
**Sent:** Thursday, May 12, 2016 2:57 PM  
**To:** Ruconich, Keith (FAA)  
**Subject:** Re: Commander N114SS

Current N number N114SS  
Commander 114  
S/N 14291

Sent from my iPhone

-----Original Message-----

**From:** Marvin Coolidge [mailto:marvin.coolidge@gmail.com]  
**Sent:** Thursday, May 12, 2016 2:18 PM  
**To:** Ruconich, Keith (FAA)  
**Subject:** Commander N114SS

Good after noon

I Marvin Coolidge (Airwerks LLC) Am requesting for a corrected (Standard Airworthiness Certificate) for (Category) to be listed as normal/utility both Airworthiness certificates (N114SS and N4971W) will be surrendered

Sent from my iPhone





US Department  
of Transportation  
Federal Aviation  
Administration

**MAJOR REPAIR AND ALTERATION**  
**(Airframe, Powerplant, Propeller, or Appliance)**

OMB No. 2120-0020  
Exp: 8/31/2014

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

|             |                                                                                                                                                   |                     |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1. Aircraft | Nationality and Registration Mark<br>N114SS                                                                                                       | Serial No.<br>14291 |
|             | Make<br>Rockwell Commander                                                                                                                        | Model<br>114        |
| 2. Owner    | Name (As shown on registration certificate)<br>Heritage Air LLC                                                                                   | Series              |
|             | Address (As shown on registration certificate)<br>Address 647NW Cornelius Pass Rd<br>City Hillsboro State OR<br>Zip 97124-9333 Country Washington |                     |

**3. For FAA Use Only**

| 4. Type                  |                                     | 5. Unit Identification |                       |                                |            |
|--------------------------|-------------------------------------|------------------------|-----------------------|--------------------------------|------------|
| Repair                   | Alteration                          | Unit                   | Make                  | Model                          | Serial No. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | AIRFRAME               | _____                 | (As described in Item 1 above) | _____      |
| <input type="checkbox"/> | <input type="checkbox"/>            | POWERPLANT             | _____                 | _____                          | _____      |
| <input type="checkbox"/> | <input type="checkbox"/>            | PROPELLER              | _____                 | _____                          | _____      |
| <input type="checkbox"/> | <input type="checkbox"/>            | APPLIANCE              | Type<br>_____         | _____                          | _____      |
|                          |                                     |                        | Manufacturer<br>_____ |                                |            |

**6. Conformity Statement**

|                                 |                      |                                                                           |                                       |
|---------------------------------|----------------------|---------------------------------------------------------------------------|---------------------------------------|
| A. Agency's Name and Address    |                      | B. Kind of Agency                                                         |                                       |
| Name<br>Aquila Aviation Pty Ltd | Address<br>_____     | <input type="checkbox"/> U. S. Certificated Mechanic                      | <input type="checkbox"/> Manufacturer |
| City<br>_____                   | State<br>NSW         | <input type="checkbox"/> Foreign Certificated Mechanic                    | C. Certificate No.                    |
| Zip<br>_____                    | Country<br>Australia | <input type="checkbox"/> Certificated Repair Station                      | No. 2377                              |
|                                 |                      | <input checked="" type="checkbox"/> Certificated Maintenance Organization |                                       |

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

|                                                                              |                                         |
|------------------------------------------------------------------------------|-----------------------------------------|
| Extended range fuel<br>per 14 CFR Part 43<br>App. B <input type="checkbox"/> | Signature/Date of Authorized Individual |
|------------------------------------------------------------------------------|-----------------------------------------|

**7. Approval for Return to Service**

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

|                                                  |                                 |                                         |                                                              |                                                         |
|--------------------------------------------------|---------------------------------|-----------------------------------------|--------------------------------------------------------------|---------------------------------------------------------|
| BY                                               | FAA Flt. Standards<br>Inspector | Manufacturer                            | Maintenance Organization                                     | Persons Approved by Canadian<br>Department of Transport |
|                                                  | FAA Designee                    | Repair Station                          | <input checked="" type="checkbox"/> Inspection Authorization | Other (Specify)                                         |
| Certificate or<br>Designation No.<br>AP2757107IA |                                 | Signature/Date of Authorized Individual |                                                              |                                                         |

## NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

### 8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N114SS

6/30/2013

Nationality and Registration Mark

Date

This 337 is to update aircraft records on file with FAA as no FAA Form 337 has been filed at time of installation due to aircraft being registered in Australia under the registration (VH-SQX). And not being done on conformity inspection when the aircraft was imported back into the United States.

Horton STOL Craft, Inc. STC SA2677CE Aliron and flap gap seals installed See (Airframe logbook #1 dated 12-Nov 01) for installation log entry:

Instructions for Continued Airworthiness:

None END.

☐ Additional Sheets Are Attached

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

*Number* SA2677CE

*This certificate, issued to* Horton STOL Craft, Inc.  
Wellington Municipal Airport  
Wellington, KS 67152

**FLAP AND AILERON S/N: R231**

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified herein meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations, as amended by 23-1 through 23-7.*

*Original Product — Type Certificate Number:* A12SO  
*Make:* Gulfstream  
*Model:* 112, 112B, 112TC, 112TCA, 114, 114A and 114B

*Description of Type Design Change:*  
Installation of aileron and flap gap seals per Horton STOL-Craft Drawing List #15 with an FAA approval date of August 18, 1994, or later.

*Limitations and Conditions:* This approval should not be extended to other specific airplanes 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 that airplane.

*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:* August 31, 1990 *Date received:*

*Date of issuance:* December 5, 1990 *Date amended:* August 18, 1994



*By direction of the Administrator*

Ronald K. Rathgeber  
Ronald K. Rathgeber, Actg Mgr Airframe  
Wichita 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.*

*This certificate may be transferred in accordance with FAR 21.37.*





US Department  
of Transportation  
Federal Aviation  
Administration

**MAJOR REPAIR AND ALTERATION**  
**(Airframe, Powerplant, Propeller, or Appliance)**

OMB No. 2120-0020  
Exp: 8/31/2014

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

|             |                                                                        |                            |                                                |                           |
|-------------|------------------------------------------------------------------------|----------------------------|------------------------------------------------|---------------------------|
| 1. Aircraft | Nationality and Registration Mark<br><b>N114SS</b>                     | Serial No.<br><b>14291</b> |                                                |                           |
|             | Make<br><b>Rockwell Commander</b>                                      | Model<br><b>114</b>        | Series                                         |                           |
| 2. Owner    | Name (As shown on registration certificate)<br><b>Heritage Air LLC</b> |                            | Address (As shown on registration certificate) |                           |
|             |                                                                        |                            | Address <b>647NW Cornelius Pass Rd</b>         |                           |
|             |                                                                        |                            | City <b>Hillsboro</b>                          | State <b>OR</b>           |
|             |                                                                        |                            | Zip <b>97124-9333</b>                          | Country <b>Washington</b> |

**3. For FAA Use Only**

| 4. Type                  |                                     | 5. Unit Identification |              |                                |            |
|--------------------------|-------------------------------------|------------------------|--------------|--------------------------------|------------|
| Repair                   | Alteration                          | Unit                   | Make         | Model                          | Serial No. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | AIRFRAME               |              | (As described in Item 1 above) |            |
| <input type="checkbox"/> | <input type="checkbox"/>            | POWERPLANT             |              |                                |            |
| <input type="checkbox"/> | <input type="checkbox"/>            | PROPELLER              |              |                                |            |
| <input type="checkbox"/> | <input type="checkbox"/>            | APPLIANCE              | Type         |                                |            |
|                          |                                     |                        | Manufacturer |                                |            |

**6. Conformity Statement**

|                                  |                          |                                                                           |                                       |
|----------------------------------|--------------------------|---------------------------------------------------------------------------|---------------------------------------|
| A. Agency's Name and Address     |                          | B. Kind of Agency                                                         |                                       |
| Name <b>HSJ Aviation Pty Ltd</b> |                          | <input type="checkbox"/> U. S. Certificated Mechanic                      | <input type="checkbox"/> Manufacturer |
| Address <b>512 Miles Street</b>  |                          | <input type="checkbox"/> Foreign Certificated Mechanic                    | C. Certificate No.                    |
| City <b>Bankstown</b>            | State <b>NSW</b>         | <input type="checkbox"/> Certificated Repair Station                      | <b>C518185</b>                        |
| Zip <b>2200</b>                  | Country <b>Australia</b> | <input checked="" type="checkbox"/> Certificated Maintenance Organization |                                       |

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

|                                                                        |                                         |
|------------------------------------------------------------------------|-----------------------------------------|
| Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/> | Signature/Date of Authorized Individual |
|------------------------------------------------------------------------|-----------------------------------------|

**7. Approval for Return to Service**

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

|    |                              |                |                                                              |                                                      |
|----|------------------------------|----------------|--------------------------------------------------------------|------------------------------------------------------|
| BY | FAA Flt. Standards Inspector | Manufacturer   | Maintenance Organization                                     | Persons Approved by Canadian Department of Transport |
|    | FAA Designee                 | Repair Station | <input checked="" type="checkbox"/> Inspection Authorization | Other (Specify)                                      |

|                                                      |                                                                               |
|------------------------------------------------------|-------------------------------------------------------------------------------|
| Certificate or Designation No.<br><b>AP27571071A</b> | Signature/Date of Authorized Individual<br><i>Mani Coakley</i> <b>6/20/13</b> |
|------------------------------------------------------|-------------------------------------------------------------------------------|

## NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

### 8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N114SS

6/30/2013

Nationality and Registration Mark

Date

This 337 is to update aircraft records on file with FAA as no FAA Form 337 has been filed at time of installation due to aircraft being registered in Australia under the registration (VH-SQX). And not being done on conformity inspection when the aircraft was imported back into the United States.

Propeller McCauley B3D34C419/82NHA-5 S/N980655 installed on aircraft as per Commander Premier Aircraft Corporation STC # SA7855SW As per McCauley Operators Manual MPC-11, Section II. See Propeller log book entry dated 29-4-98 and Aircraft log book #1 entry dated 29-4-98. And Checked for correct installation as per STC Installation Instructions dated 13 July 1990 Rev A.

Maintenance: Ongoing (ICA) Maintenance must be done in accordance with McCauley current published data.

☐ Additional Sheets Are Attached

United States Of America  
Department of Transportation - Federal Aviation Administration

# Supplemental Type Certificate

*Number* SA7855SW

*This Certificate issued to* Commander Premier Aircraft Corporation  
20 Stanford Drive  
Farmington, CT 06032

*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 23 of the Federal Aviation Regulations.*

*Original Product Type Certificate Number:* A12SQ  
*Make:* Commander  
*Model:* 114

*Description of Type Design Change:*

Installation of McCauley B3D32C419/82NHA-5 Propeller on Commander Model 114 airplane in accordance with Commander Aircraft Co., Installation Instructions dated July 13, 1990, Revision A dated August 22, 1990, or later FAA approved revision.

*Limitations and Conditions:*

FAA approved Commander Aircraft Co. Flight Manual Supplement dated August 23, 1990, must accompany this modification. The installer must determine whether this design change is compatible with previously approved modifications. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

*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 09, 1990

*Date reissued:* March 03, 2006

*Date of issuance:* August 23, 1990

*Date amended:* Amd. 1, September 10, 1990



*By direction of the Administrator*

*Michele M. Owsley*  
(Signature)

Michele M. Owsley, Manager  
Airplane Certification Office,  
Southwest Region

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 1 year, or both.

FAA Form 3110-2110-001 Page 1 of 1

This certificate may be transferred in accordance with FAR 21.47.





US Department  
of Transportation  
Federal Aviation  
Administration

**MAJOR REPAIR AND ALTERATION**  
**(Airframe, Powerplant, Propeller, or Appliance)**

OMB No. 2120-0020  
Exp: 8/31/2014

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

|             |                                                                        |                            |                                                |  |
|-------------|------------------------------------------------------------------------|----------------------------|------------------------------------------------|--|
| 1. Aircraft | Nationality and Registration Mark<br><b>N114SS</b>                     | Serial No.<br><b>14291</b> |                                                |  |
|             | Make<br><b>Rockwell Commander</b>                                      | Model<br><b>114</b>        | Series                                         |  |
| 2. Owner    | Name (As shown on registration certificate)<br><b>Heritage Air LLC</b> |                            | Address (As shown on registration certificate) |  |
|             | Address <b>647NW Cornelius Pass Rd</b>                                 |                            |                                                |  |
|             | City <b>Hillsboro</b> State <b>OR</b>                                  |                            |                                                |  |
|             | Zip <b>97124-9333</b> Country <b>Washington</b>                        |                            |                                                |  |

**3. For FAA Use Only**

| 4. Type                  |                                     | 5. Unit Identification |                 |                                |                    |
|--------------------------|-------------------------------------|------------------------|-----------------|--------------------------------|--------------------|
| Repair                   | Alteration                          | Unit                   | Make            | Model                          | Serial No.         |
| <input type="checkbox"/> | <input type="checkbox"/>            | AIRFRAME               | _____           | (As described in Item 1 above) | _____              |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | POWERPLANT             | <b>Lycoming</b> | <b>IO-540-T4B5D</b>            | <b>L-16518-48A</b> |
| <input type="checkbox"/> | <input type="checkbox"/>            | PROPELLER              |                 |                                |                    |
| <input type="checkbox"/> | <input type="checkbox"/>            | APPLIANCE              | Type            |                                |                    |
|                          |                                     |                        | Manufacturer    |                                |                    |

**6. Conformity Statement**

|                                     |  |                                                                           |                                       |
|-------------------------------------|--|---------------------------------------------------------------------------|---------------------------------------|
| A. Agency's Name and Address        |  | B. Kind of Agency                                                         |                                       |
| Name <b>Aquila Aviation Pty Ltd</b> |  | <input type="checkbox"/> U. S. Certificated Mechanic                      | <input type="checkbox"/> Manufacturer |
| Address _____                       |  | <input type="checkbox"/> Foreign Certificated Mechanic                    | C. Certificate No.                    |
| City _____ State <b>NSW</b>         |  | <input type="checkbox"/> Certificated Repair Station                      | <b>No. 2377</b>                       |
| Zip _____ Country <b>Australia</b>  |  | <input checked="" type="checkbox"/> Certificated Maintenance Organization |                                       |

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

|                                                                        |                                         |
|------------------------------------------------------------------------|-----------------------------------------|
| Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/> | Signature/Date of Authorized Individual |
|------------------------------------------------------------------------|-----------------------------------------|

**7. Approval for Return to Service**

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

|    |                              |                |                                                              |                                                      |
|----|------------------------------|----------------|--------------------------------------------------------------|------------------------------------------------------|
| BY | FAA Fit. Standards Inspector | Manufacturer   | Maintenance Organization                                     | Persons Approved by Canadian Department of Transport |
|    | FAA Designee                 | Repair Station | <input checked="" type="checkbox"/> Inspection Authorization | Other (Specify)                                      |

|                                                      |                                                                              |
|------------------------------------------------------|------------------------------------------------------------------------------|
| Certificate or Designation No.<br><b>AP2757107IA</b> | Signature/Date of Authorized Individual<br><i>[Signature]</i> <b>6/30/13</b> |
|------------------------------------------------------|------------------------------------------------------------------------------|

## NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

### 8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N114SS

6/30/2013

Nationality and Registration Mark

Date

This 337 is to update aircraft records on file with FAA as no FAA Form 337 has been filed at time of installation due to aircraft being registered in Australia under the registration (VH-SQX). And not being done on conformity inspection when the aircraft was imported back into the United States.

Camarillo Aircraft Service, STC SE00357DE Turbonormalizing system installed See (Engine logbook #1 entry dated 10 May 02) and (Airframe logbook #1 dated 10-May 02) for installation log entry:

#### Instructions for Continued Airworthiness:

Turbo-Flight Operations Manual Report 135-10 Revision none, dated March 12, 1998, or later FAA approved revision.

Periodic Inspection Chart (These procedures are in addition to the periodic inspection procedures in the Commander 114/114A service Manual.

Each 50 hours inspect (Cold & Hot air Hoses) (Engine Baffles) (Intake & Exhaust system) (Fuel injection system) (Turbocharger pressurized vent lines to discharge nozzles) (Turbocharger mounting brackets) (Heat Shields)

Each 100 hours inspect (Engine shock mounts) (Turbocharger) (All lines to turbocharger, waste gate, & controller) (Special inspection item #4)

Each 200 hours or 2 years whichever comes first (Cabin heat exchanger)

#### Special Inspection Items

(#1 General inspection every 50 hours. Refer to Engine section of commander 114/114A service manual for 100 hour inspection of exhaust)

(#2 Replace hoses at engine overhaul or after 5 years, whichever comes first.)

(#3 Overhaul at engine overhaul, Turbocharger, Waste gate & Controller)

(#4 Remove tailpipe and ducting, inspect turbine for coking, carbonization, oil deposits, and impeller for damage. Inspect compressor wheel for damage, rubbing on housing, and free rotation) END.

☐ Additional Sheets Are Attached

# CAMARILLO AIRCRAFT TURBONORMALIZING SYSTEM OPERATIONS AND MAINTENANCE MANUAL

**PERIODIC INSPECTION CHART** (These procedures are in addition to periodic inspection procedures in Commander 114/114A Service Manual.)

## ENGINE COMPARTMENT

|                                                             | EACH<br>50 hrs | EACH<br>100 hrs | EACH<br>200 hrs<br>or 2 years<br>whichever<br>comes first | Special<br>Inspection<br>Item |
|-------------------------------------------------------------|----------------|-----------------|-----------------------------------------------------------|-------------------------------|
| Cold & Hot Air Hoses                                        | X              |                 |                                                           |                               |
| Engine Baffles                                              | X              |                 |                                                           |                               |
| Intake & Exhaust Systems                                    | X              |                 |                                                           | 1                             |
| Cabin Heat Heat Exchanger                                   |                |                 | X                                                         |                               |
| Engine Shock Mounts                                         |                | X               |                                                           |                               |
| Fuel Injection System                                       | X              |                 |                                                           |                               |
| Turbocharger                                                |                | X               |                                                           | 3, 4                          |
| All lines to turbocharger, waste gate, & controller         |                | X               |                                                           | 2                             |
| Waste Gate & Controller                                     |                | X               |                                                           | 3                             |
| Turbocharger pressurized<br>vent lines to discharge nozzles | X              |                 |                                                           |                               |
| Turbocharger mounting<br>bracket                            | X              |                 |                                                           |                               |
| Heat Shields                                                | X              |                 |                                                           |                               |

## SPECIAL INSPECTION ITEMS

1. General inspection every 50 hours. Refer to Engine Section of Commander 114/114A Service Manual for 100 hour inspection of exhaust system.
2. Replace hoses at engine overhaul or after 5 years, whichever comes first.
3. Overhaul at engine overhaul.
4. Remove tailpipe and ducting, inspect turbine for coking, carbonization, oil deposits, and turbine impeller for damage. Inspect compressor wheel for damage, rubbing on housing, and free rotation.

1. The first part of the report is a general introduction to the subject of the study.

2. The second part of the report is a detailed description of the methods used in the study.

3. The third part of the report is a discussion of the results of the study.

4. The fourth part of the report is a conclusion and a list of references.

5. The fifth part of the report is a list of appendices.

6. The sixth part of the report is a list of figures and tables.

7. The seventh part of the report is a list of footnotes.

8. The eighth part of the report is a list of abbreviations.

9. The ninth part of the report is a list of symbols.

10. The tenth part of the report is a list of definitions.

11. The eleventh part of the report is a list of acknowledgments.

12. The twelfth part of the report is a list of references.

13. The thirteenth part of the report is a list of appendices.

14. The fourteenth part of the report is a list of figures and tables.

15. The fifteenth part of the report is a list of footnotes.

16. The sixteenth part of the report is a list of abbreviations.

17. The seventeenth part of the report is a list of symbols.

18. The eighteenth part of the report is a list of definitions.

United States Of America  
Department of Transportation - Federal Aviation Administration

# Supplemental Type Certificate

Number SE00357DE

This Certificate issued to Camarillo Aircraft Service  
375 Durley Avenue  
Camarillo, California 93010

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 13\* of the Federal Aviation Regulations. \*Certification basis is set forth in Type Certificate Data Sheet TCDS

Original Product Type Certificate Number : 1E4

Make : Textron Lycoming

Model : IO-540-T4A5D, IO-540-T4B5D

**Description of Type Design Change.** Modification to Textron Lycoming engine for the installation of a Turbonormalizing system in accordance with FAA approved Camarillo Aircraft Service Master Drawing List (MDL) CA540, Revision N/C dated June 24, 1999, or later FAA approved revision. See NOTE 1 for additional FAA approvals for this installation.

**Limitations and Conditions.** The installation should not be incorporated in any engine unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the engine. The approval of this modification applies to the above noted engine model series only. A copy of this STC must be included in the permanent records of the modified engine. 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 Page 3 for continuation.

*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 22, 1996

Date reissued : December 28, 1998

Date of issuance : October 14, 1998

Date amended : March 14, 2000



By direction of the Administrator

*[Signature]*  
(Signature)

Acting Manager, Propulsion 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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US Department  
of Transportation  
Federal Aviation  
Administration

**MAJOR REPAIR AND ALTERATION**  
**(Airframe, Powerplant, Propeller, or Appliance)**

OMB No. 2120-0020  
Exp: 8/31/2014

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

|             |                                                                 |                     |                                                |                    |
|-------------|-----------------------------------------------------------------|---------------------|------------------------------------------------|--------------------|
| 1. Aircraft | Nationality and Registration Mark<br>N114SS                     | Serial No.<br>14291 |                                                |                    |
|             | Make<br>Rockwell Commander                                      | Model<br>114        | Series                                         |                    |
| 2. Owner    | Name (As shown on registration certificate)<br>Heritage Air LLC |                     | Address (As shown on registration certificate) |                    |
|             |                                                                 |                     | Address 647NW Cornelius Pass Rd                |                    |
|             |                                                                 |                     | City Hillsboro                                 | State OR           |
|             |                                                                 |                     | Zip 97124-9333                                 | Country Washington |

**3. For FAA Use Only**

| 4. Type                  |                                     | 5. Unit Identification |              |                                |            |
|--------------------------|-------------------------------------|------------------------|--------------|--------------------------------|------------|
| Repair                   | Alteration                          | Unit                   | Make         | Model                          | Serial No. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | AIRFRAME               | _____        | (As described in Item 1 above) | _____      |
| <input type="checkbox"/> | <input type="checkbox"/>            | POWERPLANT             |              |                                |            |
| <input type="checkbox"/> | <input type="checkbox"/>            | PROPELLER              |              |                                |            |
| <input type="checkbox"/> | <input type="checkbox"/>            | APPLIANCE              | Type         |                                |            |
|                          |                                     |                        | Manufacturer |                                |            |

**6. Conformity Statement**

|                              |  |                                                                           |                                       |                                    |
|------------------------------|--|---------------------------------------------------------------------------|---------------------------------------|------------------------------------|
| A. Agency's Name and Address |  | B. Kind of Agency                                                         |                                       | C. Certificate No.<br><br>No. 2377 |
| Name Aquila Aviation Pty Ltd |  | <input type="checkbox"/> U. S. Certificated Mechanic                      | <input type="checkbox"/> Manufacturer |                                    |
| Address _____                |  | <input type="checkbox"/> Foreign Certificated Mechanic                    |                                       |                                    |
| City _____ State NSW         |  | <input type="checkbox"/> Certificated Repair Station                      |                                       |                                    |
| Zip _____ Country Australia  |  | <input checked="" type="checkbox"/> Certificated Maintenance Organization |                                       |                                    |

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

|                                                                        |                                         |
|------------------------------------------------------------------------|-----------------------------------------|
| Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/> | Signature/Date of Authorized Individual |
|------------------------------------------------------------------------|-----------------------------------------|

**7. Approval for Return to Service**

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

|    |                              |                |                                                              |                                                      |
|----|------------------------------|----------------|--------------------------------------------------------------|------------------------------------------------------|
| BY | FAA Fit. Standards Inspector | Manufacturer   | Maintenance Organization                                     | Persons Approved by Canadian Department of Transport |
|    | FAA Designee                 | Repair Station | <input checked="" type="checkbox"/> Inspection Authorization | Other (Specify)                                      |

|                                               |                                                                        |
|-----------------------------------------------|------------------------------------------------------------------------|
| Certificate or Designation No.<br>AP2757107IA | Signature/Date of Authorized Individual<br><i>Martin Walde</i> 6/30/13 |
|-----------------------------------------------|------------------------------------------------------------------------|

## NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

### 8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N114SS

6/30/2013

Nationality and Registration Mark

Date

This 337 is to update aircraft records on file with FAA as no FAA Form 337 has been filed at time of installation due to aircraft being registered in Australia under the registration (VH-SQX). And not being done on conformity inspection when the aircraft was imported back into the United States.

Camarillo Aircraft Service, STC SE003576DE Turbonormalizing system installed See (Engine logbook #1 entry dated 10 May 02) and (Airframe logbook #1 dated 10-May 02) for installation log entry:

#### Instructions for Continued Airworthiness:

Turbo-Flight Operations Manual Report 135-10 Revision none, dated March 12, 1998, or later FAA approved revision are also approved for this installation. And Camarillo Aircraft Service FAA Approved Pilot's Operating handbook and/or Airplane flight Manual Supplement AFMS-114-CAS, dated March 14, 2000, or later FAA approved revisions, for required placards.

Periodic Inspection Chart (These procedures are in addition to the periodic inspection procedures in the Commander 114/114A service Manual.

Each 100 hours inspect (Engine manifold pressure gage for correct marking as per STC (28.5 In Hg. Red line) END.

☐ Additional Sheets Are Attached

# Supplemental Type Certificate

*Number* SA00356DE

*This Certificate issued to* Camarillo Aircraft Service  
375 Durley Avenue  
Camarillo, California 93010

*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 23\* of the Federal Aviation Regulations. \*Certification basis is set forth in Type Certificate Data Sheet TCDS*

*Original Product Type Certificate Number:* A12SO

*Make:* Commander Aircraft Company

*Model:* 114, 114A

*Description of Type Design Change:* Installation of a modified Textron Lycoming engine equipped with a Turbonormalizing system in accordance with FAA approved Camarillo Aircraft Service Master Drawing List (MDL) CA540, Revision N/C dated June 24, 1999, or later FAA approved revision. Camarillo Aircraft Service FAA Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement AFMS-114-CAS, dated March 14, 2000, or later FAA approved revision, is required with this installation. See NOTE 4 for additional FAA approvals for this installation.

*Limitations and Conditions.* The installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft. The approval of this modification applies to the above noted airplane model series only. A copy of this STC must be included in the permanent records of the modified 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 Page 3 for continuation.

*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 22, 1996

*Date reissued:* December 28, 1998

*Date of issuance:* October 14, 1998

*Date amended:* March 14, 2000



*By direction of the Administrator*

*Steph Kell*  
(Signature)

Acting Manager, Propulsion 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.

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 3, 1862. It is a very long letter, and it contains a great deal of information about the state of the country at that time. The President talks about the war, the economy, and the government. He also talks about the people of the country and what they are doing. The letter is written in a very formal and official style, and it is very long and detailed.

2. The second part of the document is a report from the Secretary of the Treasury, dated January 3, 1862. It is a very long report, and it contains a great deal of information about the state of the country's finances at that time. The Secretary talks about the government's revenue, its expenses, and its debt. He also talks about the people's finances and what they are doing. The report is written in a very formal and official style, and it is very long and detailed.

3. The third part of the document is a report from the Secretary of the Interior, dated January 3, 1862. It is a very long report, and it contains a great deal of information about the state of the country's land and resources at that time. The Secretary talks about the government's land, its resources, and its people. He also talks about the people's land and resources, and what they are doing. The report is written in a very formal and official style, and it is very long and detailed.

4. The fourth part of the document is a report from the Secretary of the War, dated January 3, 1862. It is a very long report, and it contains a great deal of information about the state of the country's military at that time. The Secretary talks about the government's army, its navy, and its militia. He also talks about the people's military, and what they are doing. The report is written in a very formal and official style, and it is very long and detailed.

5. The fifth part of the document is a report from the Secretary of the Navy, dated January 3, 1862. It is a very long report, and it contains a great deal of information about the state of the country's navy at that time. The Secretary talks about the government's navy, its ships, and its people. He also talks about the people's navy, and what they are doing. The report is written in a very formal and official style, and it is very long and detailed.

6. The sixth part of the document is a report from the Secretary of the Army, dated January 3, 1862. It is a very long report, and it contains a great deal of information about the state of the country's army at that time. The Secretary talks about the government's army, its soldiers, and its people. He also talks about the people's army, and what they are doing. The report is written in a very formal and official style, and it is very long and detailed.

7. The seventh part of the document is a report from the Secretary of the Navy, dated January 3, 1862. It is a very long report, and it contains a great deal of information about the state of the country's navy at that time. The Secretary talks about the government's navy, its ships, and its people. He also talks about the people's navy, and what they are doing. The report is written in a very formal and official style, and it is very long and detailed.

8. The eighth part of the document is a report from the Secretary of the Army, dated January 3, 1862. It is a very long report, and it contains a great deal of information about the state of the country's army at that time. The Secretary talks about the government's army, its soldiers, and its people. He also talks about the people's army, and what they are doing. The report is written in a very formal and official style, and it is very long and detailed.

9. The ninth part of the document is a report from the Secretary of the Navy, dated January 3, 1862. It is a very long report, and it contains a great deal of information about the state of the country's navy at that time. The Secretary talks about the government's navy, its ships, and its people. He also talks about the people's navy, and what they are doing. The report is written in a very formal and official style, and it is very long and detailed.

10. The tenth part of the document is a report from the Secretary of the Army, dated January 3, 1862. It is a very long report, and it contains a great deal of information about the state of the country's army at that time. The Secretary talks about the government's army, its soldiers, and its people. He also talks about the people's army, and what they are doing. The report is written in a very formal and official style, and it is very long and detailed.

# Supplemental Type Certificate

(Continuation Sheet)

*Number* SA00356DE

**Limitations and Conditions (Continued):**

**NOTE 1:** Installation of STC SE00357DE is required with this modification.

**NOTE 2:** The following cockpit instrument must be marked accordingly:

Manifold pressure gage: 28.5 In Hg. (red line)

**NOTE 3:** Refer to Camarillo Aircraft Service FAA Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement AFMS-114-CAS, dated March 14, 2000, or later FAA approved revision, for required placards.

**NOTE 4:** Turbo-Flite 540 (Turbo 2000 Corp.) Master Drawing List No. TF540, Revision A, dated June 24, 1998, or later FAA approved revision; FAA Approved Airplane Flight Manual Supplement AFMS-114, Revision IR, dated October 14, 1998, or later FAA approved revision; and Instruction for Continued Airworthiness, Turbo-Flite Operations and Maintenance Manual Report 135-10, Revision none, dated March 12, 1998, or later FAA approved revision; are also approved for this installation.

- END -

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*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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1. The first part of the document is a letter from the President of the United States to the Congress, dated January 3, 1862.

2. The second part is a report from the Secretary of the Interior, dated January 10, 1862.

3. The third part is a report from the Secretary of the Treasury, dated January 10, 1862.

4. The fourth part is a report from the Secretary of the War, dated January 10, 1862.

5. The fifth part is a report from the Secretary of the Navy, dated January 10, 1862.

6. The sixth part is a report from the Secretary of the Army, dated January 10, 1862.

7. The seventh part is a report from the Secretary of the Department of the Interior, dated January 10, 1862.

8. The eighth part is a report from the Secretary of the Department of the Treasury, dated January 10, 1862.

9.



US Department  
of Transportation  
Federal Aviation  
Administration

**MAJOR REPAIR AND ALTERATION**  
**(Airframe, Powerplant, Propeller, or Appliance)**

OMB No. 2120-0020  
Exp: 8/31/2014

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

|             |                                                                        |                            |                                                |                              |
|-------------|------------------------------------------------------------------------|----------------------------|------------------------------------------------|------------------------------|
| 1. Aircraft | Nationality and Registration Mark<br><b>N114SS</b>                     | Serial No.<br><b>14291</b> |                                                |                              |
|             | Make<br><b>Rockwell Commander</b>                                      | Model<br><b>114</b>        | Series                                         |                              |
| 2. Owner    | Name (As shown on registration certificate)<br><b>Heritage Air LLC</b> |                            | Address (As shown on registration certificate) |                              |
|             |                                                                        |                            | Address <b>647NW Cornelius Pass Rd</b>         |                              |
|             |                                                                        |                            | City<br><b>Hillsboro</b>                       | State<br><b>OR</b>           |
|             |                                                                        |                            | Zip<br><b>97124-9333</b>                       | Country<br><b>Washington</b> |

**3. For FAA Use Only**

| 4. Type                  |                                     | 5. Unit Identification |              |                                |            |
|--------------------------|-------------------------------------|------------------------|--------------|--------------------------------|------------|
| Repair                   | Alteration                          | Unit                   | Make         | Model                          | Serial No. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | AIRFRAME               |              | (As described in Item 1 above) |            |
| <input type="checkbox"/> | <input type="checkbox"/>            | POWERPLANT             |              |                                |            |
| <input type="checkbox"/> | <input type="checkbox"/>            | PROPELLER              |              |                                |            |
| <input type="checkbox"/> | <input type="checkbox"/>            | APPLIANCE              | Type         |                                |            |
|                          |                                     |                        | Manufacturer |                                |            |

**6. Conformity Statement**

|                                        |  |                                                                           |                                       |
|----------------------------------------|--|---------------------------------------------------------------------------|---------------------------------------|
| A. Agency's Name and Address           |  | B. Kind of Agency                                                         |                                       |
| Name<br><b>Aquila Aviation Pty Ltd</b> |  | <input type="checkbox"/> U. S. Certificated Mechanic                      | <input type="checkbox"/> Manufacturer |
| Address                                |  | <input type="checkbox"/> Foreign Certificated Mechanic                    | C. Certificate No.                    |
| City<br><b>NSW</b>                     |  | <input type="checkbox"/> Certificated Repair Station                      | <b>No. 2377</b>                       |
| Zip<br><b>Australia</b>                |  | <input checked="" type="checkbox"/> Certificated Maintenance Organization |                                       |

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

|                                                                        |                                         |
|------------------------------------------------------------------------|-----------------------------------------|
| Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/> | Signature/Date of Authorized Individual |
|------------------------------------------------------------------------|-----------------------------------------|

**7. Approval for Return to Service**

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

|    |                              |                |                                                              |                                                      |
|----|------------------------------|----------------|--------------------------------------------------------------|------------------------------------------------------|
| BY | FAA Fit. Standards Inspector | Manufacturer   | Maintenance Organization                                     | Persons Approved by Canadian Department of Transport |
|    | FAA Designee                 | Repair Station | <input checked="" type="checkbox"/> Inspection Authorization | Other (Specify)                                      |

|                                                      |                                                                              |
|------------------------------------------------------|------------------------------------------------------------------------------|
| Certificate or Designation No.<br><b>AP2757107IA</b> | Signature/Date of Authorized Individual<br><i>[Signature]</i> <b>6/30/13</b> |
|------------------------------------------------------|------------------------------------------------------------------------------|

## NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

### 8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N114SS

6/30/2013

Nationality and Registration Mark

Date

This 337 is to update aircraft records on file with FAA as no FAA Form 337 has been filed at time of installation due to aircraft being registered in Australia under the registration (VH-SQX). And not being done on conformity inspection when the aircraft was imported back into the United States.

J.P. Instruments (Fuel flow transducer) STC # SA0043SE installed See (Airframe logbook #1 dated 12-Nov 01) for installation log entry:

#### Instructions for Continued Airworthiness:

Each 100 Hours inspect for mounting and general condition, No field adjustment or repair is authorized and unit must be returned to factor for service.

#### Limitations and conditions

This STC requires the installation of JPI fuel flow instrument via STC SA2586NM. END.

☐ Additional Sheets Are Attached

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

*Number* SA00432SE

*This certificate, issued to* J. P. Instruments  
P. O. Box 7033  
Huntington Beach, CA 92646

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified herein meets the airworthiness requirements of Part 21 of the Federal Aviation Regulations.*

*Original Product—Type Certificate Number:* \*See Attached Approved Model List (AML)  
*Make:* \*No. SA00432SE for list of approved Aircraft  
*Model:* \*Models and applicable Airworthiness regulations

*Description of the Type Design Change:* Fuel flow transducer installed in accordance with J. P. Instruments (JPI) Fuel Flow Installation Manual, Report #503, Revision B, dated March 14, 1997, and manufactured in accordance with JPI Drawing List, Report No. 500, Revision B, dated March 14, 1997.

*Note:* This STC requires the installation of JPI fuel flow instrument via STC SA2586NM.

*Limitations and Conditions:* Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft.

The STC holder will provide a written permission statement to each person it authorizes to use this certificate to alter the product.

*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:* January 3, 1997

*Date received:*

*Date of issuance:* May 2, 1997

*Date amended:*



*By direction of the Administrator*

*[Signature]*  
(Signature)  
Acting Manager, Seattle 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.*

*This certificate may be transferred in accordance with FAR 21.47.*

FAA Form 8110-2(10-88)

**Subject: Permission to use STC.**  
To Whom It May Concern:

J.P. Instruments holder of STC SA00423SE  
grants to the purchaser of the  
EDM-700 series (PN EGT-701)  
FUEL FLOW INSTALLATION  
permission to use the STC SA00423SE

Signed

*[Signature]*

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US Department  
of Transportation  
Federal Aviation  
Administration

**MAJOR REPAIR AND ALTERATION**  
**(Airframe, Powerplant, Propeller, or Appliance)**

OMB No. 2120-0020  
Exp: 8/31/2014

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

|             |                                                                        |                            |                                                                                          |                              |
|-------------|------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------|------------------------------|
| 1. Aircraft | Nationality and Registration Mark<br><b>N114SS</b>                     | Serial No.<br><b>14291</b> |                                                                                          |                              |
|             | Make<br><b>Rockwell Commander</b>                                      | Model<br><b>114</b>        | Series                                                                                   |                              |
| 2. Owner    | Name (As shown on registration certificate)<br><b>Heritage Air LLC</b> |                            | Address (As shown on registration certificate)<br>Address <b>647NW Cornelius Pass Rd</b> |                              |
|             |                                                                        |                            | City<br><b>Hillsboro</b>                                                                 | State<br><b>OR</b>           |
|             |                                                                        |                            | Zip<br><b>97124-9333</b>                                                                 | Country<br><b>Washington</b> |
|             |                                                                        |                            |                                                                                          |                              |

**3. For FAA Use Only**

| 4. Type                  |                                     | 5. Unit Identification |                 |                                |                    |
|--------------------------|-------------------------------------|------------------------|-----------------|--------------------------------|--------------------|
| Repair                   | Alteration                          | Unit                   | Make            | Model                          | Serial No.         |
| <input type="checkbox"/> | <input type="checkbox"/>            | AIRFRAME               | _____           | (As described in Item 1 above) | _____              |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | POWERPLANT             | <b>Lycoming</b> | <b>IO-540-T4B5D</b>            | <b>L-16518-48A</b> |
| <input type="checkbox"/> | <input type="checkbox"/>            | PROPELLER              |                 |                                |                    |
| <input type="checkbox"/> | <input type="checkbox"/>            | APPLIANCE              | Type            |                                |                    |
|                          |                                     |                        | Manufacturer    |                                |                    |

**6. Conformity Statement**

|                                        |  |                                                                           |                                       |
|----------------------------------------|--|---------------------------------------------------------------------------|---------------------------------------|
| A. Agency's Name and Address           |  | B. Kind of Agency                                                         |                                       |
| Name<br><b>Aquila Aviation Pty Ltd</b> |  | <input type="checkbox"/> U. S. Certificated Mechanic                      | <input type="checkbox"/> Manufacturer |
| Address                                |  | <input type="checkbox"/> Foreign Certificated Mechanic                    | C. Certificate No.                    |
| City<br>State <b>NSW</b>               |  | <input type="checkbox"/> Certificated Repair Station                      | <b>No. 2377</b>                       |
| Zip<br>Country <b>Australia</b>        |  | <input checked="" type="checkbox"/> Certificated Maintenance Organization |                                       |

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

|                                                                        |                                         |
|------------------------------------------------------------------------|-----------------------------------------|
| Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/> | Signature/Date of Authorized Individual |
|------------------------------------------------------------------------|-----------------------------------------|

**7. Approval for Return to Service**

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

|    |                              |                |                                                              |                                                      |
|----|------------------------------|----------------|--------------------------------------------------------------|------------------------------------------------------|
| BY | FAA Flt. Standards Inspector | Manufacturer   | Maintenance Organization                                     | Persons Approved by Canadian Department of Transport |
|    | FAA Designee                 | Repair Station | <input checked="" type="checkbox"/> Inspection Authorization |                                                      |

|                                                      |                                                                                       |
|------------------------------------------------------|---------------------------------------------------------------------------------------|
| Certificate or Designation No.<br><b>AP2757107IA</b> | Signature/Date of Authorized Individual<br><i>Martin</i> <i>Cooley</i> <b>6/30/13</b> |
|------------------------------------------------------|---------------------------------------------------------------------------------------|

## NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

### 8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N114SS

6/30/2013

Nationality and Registration Mark

Date

This 337 is to update aircraft records on file with FAA as no FAA Form 337 has been filed at time of installation due to aircraft being registered in Australia under the registration (VH-SQX). And not being done on conformity inspection when the aircraft was imported back into the United States.

General Aviation Modifications, Inc Engine Fuel Nozzles Installed See (Engine logbook #1 entry dated 10 May 02) for installation log entry:

6 Textron Lycoming fuel nozzles P/N LW18265 removed and 6 General Aviation Modifications, Inc. turboGAMIjector Were installed. Kit No GLT20 S/N 8026 STC No. SE09445SC per turboGAMIjector Installation Procedure, No IP-98-002, Rev D, dated August 11, 1998. No change in weight and ballance.

Instructions for Continued Airworthiness and Periodic Maintenance:

GAMI recommends removal and cleaning of the nozzles at normal intervals of 100-200 hours. Nozzels may be soaked in an appropriate solvent such as Gunk carburetor cleaner or Hoppe's #9 Gun Solvnt, followed by blowing off with an air nozzle. A small hole should be visually clear through the nozzle. Cation: Do not attempt to insert any drill, wire or other article into the nozzle in an attempt to clean the orifices. In the event that a nozzle becomes clogged and requires cleaning and recalibration, it may be returned to GAMI for immediate service. END.

☐ Additional Sheets Are Attached

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

*Number* SE09445SC

*This Certificate issued to* General Aviation Modifications, Inc.  
2800 Airport Road, Hangar A  
Ada Municipal Airport  
Ada, OK 74820

*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:* \* [See Attached FAA Approved Model List (AML) for a  
*Make:* for a list of approved models and applicable  
*Model:* airworthiness regulations]

*Description of Type Design Change:* Installation of fuel injector nozzles in accordance with General Aviation Modifications, Inc. "Drawing/Data Control List", Revision F, dated June 29, 1998, and "GAMIjector Installation Procedure for Lycoming Engines", IP-98-001, Revision B, dated March 13, 1998, or "turboGAMIjector Installation Procedure for Turbocharged Lycoming Engines", IP-98-002, Revision D, dated August 11, 1998, or later FAA approved revisions.

*Limitations and Conditions:* Compatibility of this design change with previously approved modifications must be determined by the installer. 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. This STC only applies to Textron Lycoming engine models listed on the FAA approved model list on the attached continued approved model list.

*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:* August 10, 1997

*Date reissued:*

*Date of issuance:* March 26, 1998

*Date amended:* August 23, 2001, Rev. 3



*By Direction of the Administrator*

(Signature)  
S. Frances Cox  
Manager, Special Certification Office  
Southwest Region

(Title)

1. The first part of the report discusses the general situation of the country and the progress of the work in the various departments. It also mentions the results of the recent elections and the state of the finances.

2. The second part of the report deals with the internal affairs of the country, including the administration of justice, the education system, and the state of the economy.

3. The third part of the report discusses the external relations of the country, including the relations with the neighboring states and the international community.

4. The fourth part of the report discusses the progress of the work in the various departments, including the Ministry of the Interior, the Ministry of Education, and the Ministry of Finance.

5. The fifth part of the report discusses the results of the recent elections and the state of the finances.

6. The sixth part of the report discusses the progress of the work in the various departments, including the Ministry of the Interior, the Ministry of Education, and the Ministry of Finance.

7. The seventh part of the report discusses the results of the recent elections and the state of the finances.

8. The eighth part of the report discusses the progress of the work in the various departments, including the Ministry of the Interior, the Ministry of Education, and the Ministry of Finance.

9. The ninth part of the report discusses the results of the recent elections and the state of the finances.

10. The tenth part of the report discusses the progress of the work in the various departments, including the Ministry of the Interior, the Ministry of Education, and the Ministry of Finance.

11. The eleventh part of the report discusses the results of the recent elections and the state of the finances.

12. The twelfth part of the report discusses the progress of the work in the various departments, including the Ministry of the Interior, the Ministry of Education, and the Ministry of Finance.

13. The thirteenth part of the report discusses the results of the recent elections and the state of the finances.

14. The fourteenth part of the report discusses the progress of the work in the various departments, including the Ministry of the Interior, the Ministry of Education, and the Ministry of Finance.

15. The fifteenth part of the report discusses the results of the recent elections and the state of the finances.



US Department  
of Transportation  
Federal Aviation  
Administration

**MAJOR REPAIR AND ALTERATION**  
**(Airframe, Powerplant, Propeller, or Appliance)**

OMB No. 2120-0020  
Exp: 8/31/2014

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

|             |                                                                 |                     |                                                |  |
|-------------|-----------------------------------------------------------------|---------------------|------------------------------------------------|--|
| 1. Aircraft | Nationality and Registration Mark<br>N114SS                     | Serial No.<br>14291 |                                                |  |
|             | Make<br>Rockwell Commander                                      | Model<br>114        | Series                                         |  |
| 2. Owner    | Name (As shown on registration certificate)<br>Heritage Air LLC |                     | Address (As shown on registration certificate) |  |
|             | Address 647NW Cornelius Pass Rd                                 |                     |                                                |  |
|             | City Hillsboro                                                  |                     | State OR                                       |  |
|             | Zip 97124-9333                                                  |                     | Country Washington                             |  |

**3. For FAA Use Only**

| 4. Type                  |                                     | 5. Unit Identification |              |                                |            |
|--------------------------|-------------------------------------|------------------------|--------------|--------------------------------|------------|
| Repair                   | Alteration                          | Unit                   | Make         | Model                          | Serial No. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | AIRFRAME               |              | (As described in Item 1 above) |            |
| <input type="checkbox"/> | <input type="checkbox"/>            | POWERPLANT             |              |                                |            |
| <input type="checkbox"/> | <input type="checkbox"/>            | PROPELLER              |              |                                |            |
| <input type="checkbox"/> | <input type="checkbox"/>            | APPLIANCE              | Type         |                                |            |
|                          |                                     |                        | Manufacturer |                                |            |

**6. Conformity Statement**

|                              |                   |                                                                        |                                       |
|------------------------------|-------------------|------------------------------------------------------------------------|---------------------------------------|
| A. Agency's Name and Address |                   | B. Kind of Agency                                                      |                                       |
| Name Aquila Aviation Pty Ltd |                   | <input type="checkbox"/> U. S. Certified Mechanic                      | <input type="checkbox"/> Manufacturer |
| Address                      |                   | <input type="checkbox"/> Foreign Certified Mechanic                    | C. Certificate No.                    |
| City                         | State NSW         | <input type="checkbox"/> Certified Repair Station                      | No. 2377                              |
| Zip                          | Country Australia | <input checked="" type="checkbox"/> Certified Maintenance Organization |                                       |

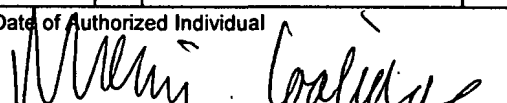
D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

|                                                                        |                                         |
|------------------------------------------------------------------------|-----------------------------------------|
| Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/> | Signature/Date of Authorized Individual |
|------------------------------------------------------------------------|-----------------------------------------|

**7. Approval for Return to Service**

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

|    |                              |                |                                                              |                                                      |
|----|------------------------------|----------------|--------------------------------------------------------------|------------------------------------------------------|
| BY | FAA Flt. Standards Inspector | Manufacturer   | Maintenance Organization                                     | Persons Approved by Canadian Department of Transport |
|    | FAA Designee                 | Repair Station | <input checked="" type="checkbox"/> Inspection Authorization | Other (Specify)                                      |

|                                               |                                                                                                                                         |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Certificate or Designation No.<br>AP2757107IA | Signature/Date of Authorized Individual<br> 6/30/13 |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|

## NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

### 8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N114SS

6/30/2013

Nationality and Registration Mark

Date

This 337 is to update aircraft records on file with FAA as no FAA Form 337 has been filed at time of installation due to aircraft being registered in Australia under the registration (VH-SQX). And not being done on conformity inspection when the aircraft was imported back into the United States.

M-20 Oil Separators, LLC (Air-oil separator) STC # SA02033AT installed See (Airframe logbook #1 dated 12-Nov 01) for installation log entry:

#### Instructions for Continued Airworthiness:

Each 100 Hrs inspect for mounting and general condition, Inspect hoses for correct length and no sharp bends. END.

☐ Additional Sheets Are Attached

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

*Number* SA02033AT

*This certificate issued to*

M-20 Oil Separators, LLC  
5612 NW 38th Terrace  
Boca Raton, FL 33496-2719

*certifies that the change in the type design for the following product with the limitations and conditions thereof as specified herein meets the airworthiness requirements of Part 21 of the Regulations*

*Original Product - Type Certificate Number:*

*Make:* . . .  
*Model:* . . .

\* See Continuation sheets 3 thru 13.

*Description of Type Design Change:* Modification to install an air-oil separator to prevent oil from being aspirated from the engine breather line, in accordance with M-20 Turbos, Inc./ M-20 Oil Separators, LLC, Assembly drawing no.303, Rev. B dated October 13, 1999 or 403, Rev. None, dated December 8, 2000 and Installation drawing no. 304, Rev None, dated September 27, 1999 or 404, Rev. None dated December 8, 2000 and Installation Instructions, Air/Oil Separator dated July 1, 1999 or later FAA approved revisions.

*Limitations and Conditions:* Airplane Flight Manual Supplement is not part of this STC. 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 effects upon the airworthiness 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.

*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:* May 05, 1999

*Date of issuance:* November 19, 1999

*Date issued:* March 16, 2000; September 19, 2000;  
January 18, 2001

*Date amended:* February 28, 2000; December 21, 2000;



*By direction of the Administrator*

*John D. Robinson*  
(Signature)  
Melvin D. Taylor  
Manager  
Atlanta Aircraft Certification Office  
(Title)





US Department  
of Transportation  
Federal Aviation  
Administration

**MAJOR REPAIR AND ALTERATION**  
**(Airframe, Powerplant, Propeller, or Appliance)**

OMB No. 2120-0020  
Exp: 8/31/2014

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

|             |                                                                        |                            |                                                |                           |
|-------------|------------------------------------------------------------------------|----------------------------|------------------------------------------------|---------------------------|
| 1. Aircraft | Nationality and Registration Mark<br><b>N114SS</b>                     | Serial No.<br><b>14291</b> |                                                |                           |
|             | Make<br><b>Rockwell Commander</b>                                      | Model<br><b>114</b>        | Series                                         |                           |
| 2. Owner    | Name (As shown on registration certificate)<br><b>Heritage Air LLC</b> |                            | Address (As shown on registration certificate) |                           |
|             |                                                                        |                            | Address <b>647NW Cornelius Pass Rd</b>         |                           |
|             |                                                                        |                            | City <b>Hillsboro</b>                          | State <b>OR</b>           |
|             |                                                                        |                            | Zip <b>97124-9333</b>                          | Country <b>Washington</b> |

**3. For FAA Use Only**

| 4. Type                  |                                     | 5. Unit Identification |              |                                |            |
|--------------------------|-------------------------------------|------------------------|--------------|--------------------------------|------------|
| Repair                   | Alteration                          | Unit                   | Make         | Model                          | Serial No. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | AIRFRAME               |              | (As described in Item 1 above) |            |
| <input type="checkbox"/> | <input type="checkbox"/>            | POWERPLANT             |              |                                |            |
| <input type="checkbox"/> | <input type="checkbox"/>            | PROPELLER              |              |                                |            |
| <input type="checkbox"/> | <input type="checkbox"/>            | APPLIANCE              | Type         |                                |            |
|                          |                                     |                        | Manufacturer |                                |            |

**6. Conformity Statement**

|                                     |  |                                                                           |                                       |
|-------------------------------------|--|---------------------------------------------------------------------------|---------------------------------------|
| A. Agency's Name and Address        |  | B. Kind of Agency                                                         |                                       |
| Name <b>Aquila Aviation Pty Ltd</b> |  | <input type="checkbox"/> U. S. Certificated Mechanic                      | <input type="checkbox"/> Manufacturer |
| Address                             |  | <input type="checkbox"/> Foreign Certificated Mechanic                    | C. Certificate No.<br><b>No. 2377</b> |
| City <b>NSW</b>                     |  | <input type="checkbox"/> Certificated Repair Station                      |                                       |
| Zip <b>Australia</b>                |  | <input checked="" type="checkbox"/> Certificated Maintenance Organization |                                       |

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

|                                                                        |                                         |
|------------------------------------------------------------------------|-----------------------------------------|
| Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/> | Signature/Date of Authorized Individual |
|------------------------------------------------------------------------|-----------------------------------------|

**7. Approval for Return to Service**

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

|    |                              |                                                    |                          |                                                      |
|----|------------------------------|----------------------------------------------------|--------------------------|------------------------------------------------------|
| BY | FAA Fit. Standards Inspector | Manufacturer                                       | Maintenance Organization | Persons Approved by Canadian Department of Transport |
|    | FAA Designee                 | Repair Station <input checked="" type="checkbox"/> | Inspection Authorization |                                                      |

|                                                      |                                                                                |
|------------------------------------------------------|--------------------------------------------------------------------------------|
| Certificate or Designation No.<br><b>AP2757107IA</b> | Signature/Date of Authorized Individual<br><i>Mark Cortezgo</i> <b>6/30/13</b> |
|------------------------------------------------------|--------------------------------------------------------------------------------|

## NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

### 8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N114SS

6/30/2013

Nationality and Registration Mark

Date

This 337 is to update aircraft records on file with FAA as no FAA Form 337 has been filed at time of installation due to aircraft being registered in Australia under the registration (VH-SQX). And not being done on conformity inspection when the aircraft was imported back into the United States.

J.P. Instruments (Temperature monitoring system) STC # SA2586NM installed See (Airframe logbook #1 dated 12-Nov 01) for installation log entry:

#### Instructions for Continued Airworthiness:

Each 100 Hours inspect for mounting and general condition of indicator and all installed componet's and for correct operation.

#### Limitations and conditions

Cylinder head, oil, turbine inlet and/or exhaust gas temperature, fuel flow equipment, tachometer instruments, and manifold pressure instruments required by the original type design, or if required by other FAA approval, must remain installed and operable. END.

☐ Additional Sheets Are Attached

United States Of America  
Department of Transportation • Federal Aviation Administration

## Supplemental Type Certificate

Number SA2586NM

This Certificate issued to J. P. INSTRUMENTS  
PO Box 7033  
Huntington Beach, CA 92646

certifies that the change in the type design for the following product with the limitations and conditions therein as specified herein meets the airworthiness requirements of Part 3 of the Civil Aviation Regulations, including respective Amendments as specified in the attached Approved Model List.

Original Product Type Certificate Number: • \*See attached FAA Approved J.P. Instruments  
Make: • Master Eligibility List No. SA2586NM for list  
Model: • of approved aircraft models and applicable TCDS

Description of Type Design Change:

Installation of J. P. Instruments temperature monitoring systems in accordance with FAA Approved J. P. Instruments Drawing List Report No. 100, Revision D, dated December 19, 1996, or later FAA approved revisions. FAA Approved Airplane/Rotorcraft Flight Manual Supplement No. 1 for EGT-701 temperature indicator, Revision A, dated December 13, 1996, or later FAA approved revisions.

Limitations and Conditions: The approval of the change in type design applies to the basic airplane of the specific models that are otherwise unmodified. This approval should not be extended to other specific airplanes of these models on which other previously approved modifications are incorporated, unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of that airplane. 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)

*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: December 31, 1984

Date of issuance: August 14, 1985

Date issued:

Date amended: July 13, 1987, November 13, 1992, December 19, 1996, May 15, 1998, June 17, 1999

By direction of the Administrator



*[Signature]*  
(Signature)

Manager, Propulsion 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.



|                                                                |  |  |  |                                              |  |
|----------------------------------------------------------------|--|--|--|----------------------------------------------|--|
| UNITED STATES OF AMERICA                                       |  |  |  | Form approved.<br>Budget Bureau No. 04-R0059 |  |
| DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION |  |  |  | EXPORT CERTIFICATE NO.                       |  |
| Application for Export Certificate of Airworthiness            |  |  |  | E 168721                                     |  |

*INSTRUCTIONS.*—This application is to be submitted to an authorized FAA representative (one copy) when the product(s) to be exported is (are) presented for inspection. Use Part I for Class I products and Part II for Class II. For complete aircraft execute items 1 through 11 as applicable. For engines and propellers, omit items 5A and 6. Part III is for FAA use only.

### PART I

|                                                                                                                                                                                                                                                          |  |                                                                                                                                                 |  |                                            |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------|--|
| 1. APPLICATION IS MADE FOR AN EXPORT CERTIFICATE OF AIRWORTHINESS TO COVER THE PRODUCT(S) DESCRIBED BELOW, WHICH IS (ARE):<br><input checked="" type="checkbox"/> NEW <input type="checkbox"/> USED (Aircraft) <input type="checkbox"/> NEWLY OVERHAULED |  |                                                                                                                                                 |  |                                            |  |
| 2. NAME AND ADDRESS OF EXPORTER<br>General Aviation Div.<br>5001 N. Rockwell Ave.<br>Rockwell International<br>Bethany, Oklahoma 73008                                                                                                                   |  | 3. NAME AND ADDRESS OF FOREIGN PURCHASER<br>Pacific Commander Pty, Ltd.<br>C/O Westralian Aviation Pty.<br>Jandakot Airport<br>Perth, Australia |  | 4. COUNTRY OF DESTINATION<br><br>AUSTRALIA |  |

| 5. DESCRIPTION OF PRODUCT(S) |                               |                    |                |               |                        |       |
|------------------------------|-------------------------------|--------------------|----------------|---------------|------------------------|-------|
| TYPE                         | MAKE AND MODEL                | IDENTIFICATION NO. | SERIAL NUMBERS | FAA SPEC. NO. | OPERATING TIME (Hours) |       |
|                              |                               |                    |                |               | SINCE OVERHAUL         | TOTAL |
| a. AIRCRAFT                  | Rockwell Commander 114        | N4971W             | 14291          | A12SO         |                        |       |
| b. ENGINES                   | Lycoming IO-540-T4B5D         |                    | L-16518-48A    | 1E4           |                        |       |
| c. PROPELLERS                | Hartzell HC-C2YR-1BF/F8467-7R |                    | CH-20550       | P920-11       |                        |       |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 6. THE AIRCRAFT WAS GIVEN A SATISFACTORY FLIGHT TEST ON <u>02-24-78</u><br><span style="float: right;">(Date)</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| 7. DOES THE PRODUCT COMPLY WITH ALL APPLICABLE FEDERAL AVIATION REGULATIONS, AIRWORTHINESS DIRECTIVES, AND OTHER FAA REQUIREMENTS?<br><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (Explain in "Remarks")                                                                                                                                                                                                                                                                                                                                                                                             |  |
| 8. HAVE APPLICABLE SPECIAL REQUIREMENTS OF THE IMPORTING COUNTRY BEEN COMPLIED WITH?<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (Explain in "Remarks")                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| 9. HAS PROPER PREVENTATIVE TREATMENT BEEN APPLIED TO PRODUCTS SUSCEPTIBLE TO RAPID CORROSION WHEN BEING SHIPPED?<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Not applicable to fly away aircraft:                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| 10. REMARKS The following documents are attached in compliance with FAR 21.335 a<br>A. Weight and Balance Report and Equipment List<br>B. Aircraft Engine Log Book<br>C. Current Aircraft Flight Manual (Pilots Operating Handbook)<br>D. Special Requirements<br>E. Telexes HL2004 Accepting Noncompliance of ANO 101.22 Issue 3 Paragraphs 6.71, 6.167(1), 6.167(4), 6.232(4), 6.232(6), 7.3(8), and Appendix I, HL5225 Accepting Noncompliance ANO 101.22 Issue 3 Paragraphs 6.84, 6.167, 6.181(1), 6.232, 6.234, 7.3(3)(D), HL 2629 Accepting Noncompliance ANO 101.22 Issue 3 Paragraphs 6.107(1), 6.107(2), 6.167(11). |  |
| 11. EXPORTER'S CERTIFICATION<br>The undersigned certifies that the above statements are true and that the product(s) described herein is (are) airworthy and in condition for safe operation except as may be noted under item 10 "Remarks," above.                                                                                                                                                                                                                                                                                                                                                                          |  |

|                    |                                                                                |                  |
|--------------------|--------------------------------------------------------------------------------|------------------|
| 02-24-78<br>(Date) | <br>George G. Chatham<br>(Signature of Applicant or Authorized Representative) | Agent<br>(Title) |
|--------------------|--------------------------------------------------------------------------------|------------------|

## PART II

12. APPLICATION IS MADE FOR APPROVAL OF AERONAUTICAL PARTS FOR EXPORT AS INDICATED BELOW:

13. NAME AND ADDRESS OF EXPORTER

14. NAME AND ADDRESS OF FOREIGN PURCHASER

15. COUNTRY OF DESTINATION

16. PARTS ARE ELIGIBLE FOR INSTALLATION ON:

(Make and Model Class I Product)

(FAA Spec. No.)

17. THE PARTS ARE (check one):

☐ NEW

☐ NEWLY OVERHAULED

18. THE PARTS ARE DESCRIBED (check one):

☐ By Name, Part Number, and Quantity on the attached Invoice or Packing Sheet No. \_\_\_\_\_

☐ Below by Name, Part Number, and Quantity.

### 19. EXPORTER'S CERTIFICATION

I certify that the foregoing statements are true and that the parts described herein are airworthy and conform to FAA approved design data.

(Date)

(Signature of Applicant or Authorized Representative)

(Title)

## PART III—APPROVAL (FOR FAA USE ONLY)

20. IT IS CONSIDERED THAT THE PRODUCT(S) DESCRIBED IN Part I IS (ARE) AIRWORTHY AND CONFORM(S)  
TO PERTINENT REQUIREMENTS EXCEPT AS NOTED IN ITEM 10. (Part I or II)

Harry E. McClure

(Signature)

SW-EMDO-41

(Number)

02-24-78

(Date)

Check One:

☐ DMIR

☐ DELEGATION OPTION MFR.

☒ FAA INSPECTOR

21. \_\_\_\_\_ APPROVAL TAGS, FORMS FAA 8130-3, WERE ISSUED FOR THE PARTS DESCRIBED IN PART II.  
(Quantity)

22. EXPORT FILE SPOT-CHECKED BY:

(FAA Supervising Inspector)

(D. O. No.)

(Date)

The United States of America  
Department of Transportation  
**Federal Aviation Administration**  
Washington, D.C.

No. E 168721

# Export Certificate of Airworthiness

This certifies *that the product identified below and more particularly described in Specification (s)<sup>1</sup> of the Federal Aviation Administration, Numbered A12SO, 1E4, P920-11*  
*has been examined and as of the date of this certificate, is considered airworthy in accordance with a comprehensive and detailed airworthiness code of the United States Government, and is in compliance with those special requirements of the importing country filed with the United States Government, except as noted below. This certificate in no way attests to compliance with any agreements or contracts between the vendor and purchaser, nor does it constitute authority to operate an aircraft.*

Product: **Aircraft**

Manufacturer: **General Aviation Division, Rockwell International**  
**Bethany, Oklahoma 73008**

Model: **114**

Serial No.: **14291**

New ☒ Newly Overhauled ☐

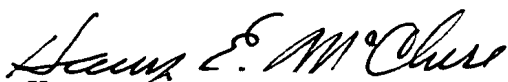
Used Aircraft ☐

Country to which exported: **AUSTRALIA**

1 - Lycoming IO-540-T4B5D  
Serial No. L-16518-48A

1 - Hartzell HC-C2YR-1BF/F8467-7R  
Propeller Serial No. CH-20550

Exceptions: **Telexes HL2004 Accepting Noncompliance of ANO 101.22 Issue 3 Paragraphs 6.71, 6.167(1), 6.167(4), 6.232 (4), 6.232 (6), 7.3 (8), and Appendix I, HL5225 Accepting Noncompliance ANO 101.22 Issue 3 Paragraphs 6.84, 6.167, 6.181(1), 6.232, 6.234, 7.3(3)(D), HL2629 Accepting Non-compliance ANO 101.22 Issue 3 Paragraphs 6.107(1), 6.107(2), 6.167(11)**

  
**Harry E. McClure**  
Signature of Authorized Representative

**Federal Aviation Administration**

**02-24-78**

Date

**SW-EMDO-41**

District Office or Designee Number

<sup>1</sup> For complete aircraft, list applicable specification or Type Certificate Data Sheet numbers for the aircraft, engine, and propeller. Applicable specifications or Type Certificate Data Sheet, if not attached to this export certificate, will have been forwarded to the appropriate governmental office of the importing country.



General Aviation Division  
5001 North Rockwell Avenue  
Bethany, Oklahoma 73008  
(405) 789-5000



Rockwell  
International

February 24, 1978

FAA/DOA Coordinator  
General Aviation Division  
Rockwell International  
Bethany, Oklahoma

Gentlemen:

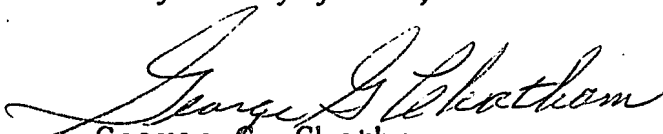
In accordance with FAR 21.339, this transmittal is to advise you that Rockwell Commander Aircraft Model 114, Serial Number 14291, Temporary Registration Number N4971W, will be flown to Australia.

Basic requirement for export outlined in FAR 21, Sub-part "L" has been complied with, including special requirement for the country listed in the Certificate of Airworthiness for Export for subject aircraft.

When title to subject aircraft passes to a foreign purchaser, Rockwell International will be responsible to assure the following:

1. Request cancellation of the U.S. Registration and Airworthiness Certificates, giving the date of transfer of title, and the name and address of the foreign owner.
2. Return the Registration and Airworthiness Certificates, FAA Forms 8050-1 and 8100-2 to the FAA/DOA Coordinator.
3. Submit a statement certifying that the United States identification and registration numbers have been removed from the aircraft in compliance with FAR Part 45.33.

Very truly yours,

  
George G. Chatham  
Chief Inspector

GGC: jt



5

NO TELTEX OKC

SSA011(0026)(2-0002706344)PD 12/09/76 0022

ICS IPMTIHA IISS

IISS FM WOI 09 0022

PMS AVIATION DIVISION BETHANY OK

UNAS725 SWU388 PT1572

IBWIX CD AMV 077

MELBOURNE 77776 9 1555 PAGE 1750

ROCKWELL INTERNATIONAL

GENERAL AVIATION DIVISION

BETHANY OKLAHOMA

HL 2629 ATTENTION MR JIM LAWSON IN RESPECT OF ROCKWELL MODELS 112B AND 114 FOR-PACIFIC COMMANDER SYDNEY AUSTRALIA IT WILL BE ACCEPTABLE TO AUSTRALIAN DEPARTMENT OF TRANSPORT IF FAA EXPORT CERTIFICATES OF AIRWORTHINESS STATE THAT COMPLIANCE WITH ANO 101.22 ISSUE 3 PARAGRAPHS 6.107(1) AND COL HL2629 112B 114 FAA ANO 101.22 3 66.107(1)

PT1752 ROCKWELL PAGE 2/26

(2) AND 6.167 (11) HAS NOT BEEN ESTABLISHED AND FOR COMPLIANCE TO BE ESTABLISHED AFTER ARRIVAL OF THE AIRCRAFT IN AUSTRALIA

A.B. SCOTT CERTIFICATION ENGINEER CIVIL AIR

COL (2) 6.167 (11) A.B.

NNN

839A

RCA 09 0935+

AEROCOMPUR OKC



For Commander  
Model 114 - P/N 14219  
Waver

016

AEROCOM

2005 EDT

TRANSHS AA33032

ROCKWELL INTERNATIONAL  
GENERAL AVIATION DIVISION  
BETHANY OKLAHOMA USA

HL2004. ATTENTION MR JIM LAWSON.

IN RESPECT OF ROCKWELL MODELS 112B AND 114 FOR PACIFIC COMMANDER  
SYDNEY AUSTRALIA IT WILL BE ACCEPTABLE TO AUSTRALIAN DEPARTMENT OF  
TRANSPORT IF FAA EXPORT CERTIFICATES OF AIRWORTHINESS STATE THAT  
COMPLIANCE WITH ANO 101.22 ISSUE 3 PARAGRAPHS 6.71, 6.167(1), 6.167  
(4), 6.232(4), 6.232(6), 7.3(8) AND APPENDIX I HAS NOT BEEN  
ESTABLISHED AND FOR COMPLAINEE TO BE ESTABLISHED AFTER ARRIVAL OF  
THE AIRCRAFT IN AUSTRALIA.

A.B. SCOTT CERTIFICATION ENGINEER  
CIVILAIR.  
AEROCOM

TRANSHS AA33032



0047 EDT+  
AEROCOMPUR OKC

TRANSHS AA33032

ROCKWELL INTERNATIONAL  
GENERAL AVIATION DIVISION  
BETHANY

ATTENTION MR JIM LAWSON

HL5225 IN RESPECT OF ROCKWELL MODELS 114, 112B AND 112TCA FOR PACIFIC  
COMMANDER SYDNEY AUSTRALIA IT WILL BE ACCEPTABLE TO AUSTRALIAN  
DEPARTMENT OF TRANSPORT IF FAA EXPORT CERTIFICATES OF AIRWORTHINESS  
STATE THAT COMPLIANCE WITH ANO 101.22 ISSUE 3 PARAGRAPHS 6.84, 6.167,  
6.181(1), 6.232, 6.234 AND 7.3(3)(D) HAS NOT BEEN ESTABLISHED AND FOR  
COMPLIANCE TO BE ESTABLISHED AFTER ARRIVAL OF THE AIRCRAFT IN  
AUSTRALIA PRIOR TO ISSUE OF A CERTIFICATE OF AIRWORTHINESS. A.B.  
SCOTT - CERTIFICATION ENGINEER.

CIVILAIR

(HL5225 114 112B 112TCA ANO 101.22 3 6.84 6.167 6.181(1) 6.232 6.234  
7.3(3)(D) A B)

NNNN+



JUN 24 2004



US Department  
of Transportation  
Federal Aviation  
Administration

**MAJOR REPAIR AND ALTERATION**  
**(Airframe, Powerplant, Propeller, or Appliance)**

Form Approval  
OMB No. 2120-0020

For FAA Use Only

Office Identification  
NM-FSDO-09

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

|             |                                             |                                                       |
|-------------|---------------------------------------------|-------------------------------------------------------|
| 1. Aircraft | Make                                        | Model                                                 |
|             | Rockwell Commander                          | 114                                                   |
|             | Serial No.                                  | Nationality and Registration Mark                     |
|             | 14291                                       | N114SS                                                |
| 2. Owner    | Name (As shown on registration certificate) | Address (As shown on registration certificate)        |
|             | Heritage Air LLC                            | 6475 NW Cornelius Pass Rd<br>Hillsboro, OR 97124-9333 |

3. For FAA Use Only

|  |  |  |  |  |  |
|--|--|--|--|--|--|
|  |  |  |  |  |  |
|--|--|--|--|--|--|

| 4. Unit Identification |                                            |       |            | 5. Type |            |
|------------------------|--------------------------------------------|-------|------------|---------|------------|
| Unit                   | Make                                       | Model | Serial No. | Repair  | Alteration |
| AIRFRAME               | ~~~~~ (As described in item 1 above) ~~~~~ |       |            |         | XX         |
| POWERPLANT             |                                            |       |            |         |            |
| PROPELLER              |                                            |       |            |         |            |
| APPLIANCE              | Type                                       |       |            |         |            |
|                        | Manufacturer                               |       |            |         |            |

6. Conformity Statement

|                                                                              |                                                                                                                                                                                                                           |                                                                                     |
|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| A. Agency's Name and Address                                                 | B. Kind of Agency                                                                                                                                                                                                         | C. Certificate No.                                                                  |
| Leading Edge Avionics, Inc.<br>63342 Powell Butte Hwy.<br>Bend, Oregon 97701 | <input type="checkbox"/> U.S. Certificated Mechanic<br><input type="checkbox"/> Foreign Certificated Mechanic<br><input checked="" type="checkbox"/> Certificated Repair Station<br><input type="checkbox"/> Manufacturer | QLDR577K<br>Radio 1 & 2, Limited Radio<br>Instrument, Airframe<br>Powerplant, Other |

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation regulations and that the information furnished herein is true and correct to the best of my knowledge.

|            |                                     |
|------------|-------------------------------------|
| Date       | Signature of Authorized Individual  |
| 08/03/2003 | <br>William Dolf Repairman #2464679 |

7. Approval for Return To Service

|                                                                                                                                                                                                                                                                                 |                                |                                                         |                 |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------|-----------------|--|--|
| Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED |                                |                                                         |                 |  |  |
| FAA Flt. Standards Inspector                                                                                                                                                                                                                                                    | Manufacturer                   | Inspection Authorization                                | Other (Specify) |  |  |
| FAA Designee                                                                                                                                                                                                                                                                    | XX Repair Station              | Person Approved by Transport Canada Airworthiness Group |                 |  |  |
| Date of Approval or Rejection                                                                                                                                                                                                                                                   | Certificate or Designation No. | Signature of Authorized Individual                      |                 |  |  |
| 08/18/2003                                                                                                                                                                                                                                                                      | QLDR577K                       | <br>William Dolf Repairman #2464679                     |                 |  |  |

**NOTICE**

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

**8. Description of Work Accomplished**

*(If more space is required, attach additional sheets. Identify aircraft nationality and registration mark and date work completed.)*

**08/03/2003 N114SS 08/03/2003**

Removed Century I autopilot. Installed S-TEC System 55X with automatic electric trim (ST-658 and TK-658) in accordance with STC# SA09195AC-D. Interfaced System 55X with existing Garmin GNS-430 and Bendix/King KI-525A HSI. Installed FAA Approved Flight Manual Supplement p/n# 891326, dated 02/10/97. Customer advised aircraft needs to be re-weighed. Customer to have re-weigh accomplished by Sun Air, Inc. The electrical load was computed and does not exceed 80% of full capacity.

Instructions for Continued Airworthiness: See S-TEC p/n# 81165, Rev. 2. Instructions for Continued Airworthiness.....

\*\*\*\*\*END\*\*\*\*\*



# APPLICATION FOR AIRWORTHINESS CERTIFICATE

**INSTRUCTIONS** — Print or type. Do not write in shaded areas; these are for FAA use only. Submit original only to an authorized FAA Representative. If additional space is required, use an attachment. For special flight permits complete Sections II and VI or VII as applicable.

|                         |                                       |                                                          |                                              |                        |                                                                                     |
|-------------------------|---------------------------------------|----------------------------------------------------------|----------------------------------------------|------------------------|-------------------------------------------------------------------------------------|
| I. AIRCRAFT DESCRIPTION | 1. REGISTRATION MARK<br><b>N114SS</b> | 2. AIRCRAFT BUILDER'S NAME (Make)<br><b>Rockwell INT</b> | 3. AIRCRAFT MODEL DESIGNATION<br><b>114</b>  | 4. YR MFR<br><b>77</b> | FAA CODING<br><b>7630314</b>                                                        |
|                         | 5. AIRCRAFT SERIAL NO<br><b>14291</b> | 6. ENGINE BUILDER'S NAME (Make)<br><b>LYC</b>            | 7. ENGINE MODEL DESIGNATION<br><b>IO 550</b> |                        | <b>41530</b>                                                                        |
|                         | 8. NUMBER OF ENGINES<br><b>1</b>      | 9. PROPELLER BUILDER'S NAME (Make)<br><b>HARTZELL</b>    | 10. PROPELLER MODEL DESIGNATION              |                        | 11. AIRCRAFT IS (Check if applicable)<br><input checked="" type="checkbox"/> IMPORT |

|                                                          |   |                                                                                                                           |                                                             |                                                               |                                    |                                    |                                 |                                  |   |                    |  |
|----------------------------------------------------------|---|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------|------------------------------------|------------------------------------|---------------------------------|----------------------------------|---|--------------------|--|
| APPLICATION IS HEREBY MADE FOR: (Check applicable items) |   |                                                                                                                           |                                                             |                                                               |                                    |                                    |                                 |                                  |   |                    |  |
| A                                                        | 1 | <input checked="" type="checkbox"/> STANDARD AIRWORTHINESS CERTIFICATE (Indicate category)                                | <input checked="" type="checkbox"/> NORMAL                  | <input checked="" type="checkbox"/> UTILITY                   | <input type="checkbox"/> ACROBATIC | <input type="checkbox"/> TRANSPORT | <input type="checkbox"/> GLIDER | <input type="checkbox"/> BALLOON |   |                    |  |
| B                                                        |   | SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)                                                               |                                                             |                                                               |                                    |                                    |                                 |                                  |   |                    |  |
| II. CERTIFICATION REQUESTED                              | 2 | LIMITED                                                                                                                   |                                                             |                                                               |                                    |                                    |                                 |                                  |   |                    |  |
|                                                          | 5 | PROVISIONAL (Indicate class)                                                                                              | 1                                                           | CLASS I                                                       |                                    |                                    |                                 |                                  |   |                    |  |
|                                                          |   |                                                                                                                           | 2                                                           | CLASS II                                                      |                                    |                                    |                                 |                                  |   |                    |  |
|                                                          | 3 | RESTRICTED (Indicate operation(s) to be conducted)                                                                        | 1                                                           | AGRICULTURE AND PEST CONTROL                                  |                                    | 2                                  | AERIAL SURVEYING                |                                  | 3 | AERIAL ADVERTISING |  |
|                                                          |   |                                                                                                                           | 4                                                           | FOREST (Wildlife conservation)                                |                                    | 5                                  | PATROLLING                      |                                  | 6 | WEATHER CONTROL    |  |
|                                                          |   |                                                                                                                           | 7                                                           | CARRIAGE OF CARGO                                             |                                    | 0                                  | OTHER (Specify)                 |                                  |   |                    |  |
|                                                          | 4 | EXPERIMENTAL (Indicate operation(s) to be conducted)                                                                      | 1                                                           | RESEARCH AND DEVELOPMENT                                      |                                    | 2                                  | AMATEUR BUILT                   |                                  | 3 | EXHIBITION         |  |
|                                                          |   |                                                                                                                           | 4                                                           | RACING                                                        |                                    | 5                                  | CREW TRAINING                   |                                  |   | MKT. SURVEY        |  |
|                                                          |   |                                                                                                                           | 0                                                           | TO SHOW COMPLIANCE WITH FAR                                   |                                    |                                    |                                 |                                  |   |                    |  |
|                                                          | 8 | SPECIAL FLIGHT PERMIT (Indicate operation to be conducted, then complete Section VI or VII as applicable on reverse side) | 1                                                           | FERRY FLIGHT FOR REPAIRS, ALTERATIONS, MAINTENANCE OR STORAGE |                                    |                                    |                                 |                                  |   |                    |  |
|                                                          |   | 2                                                                                                                         | EVACUATE FROM AREA OF IMPENDING DANGER                      |                                                               |                                    |                                    |                                 |                                  |   |                    |  |
|                                                          |   | 3                                                                                                                         | OPERATION IN EXCESS OF MAXIMUM CERTIFICATED TAKE-OFF WEIGHT |                                                               |                                    |                                    |                                 |                                  |   |                    |  |
|                                                          |   | 4                                                                                                                         | DELIVERING OR EXPORT                                        |                                                               | 5                                  | PRODUCTION FLIGHT TESTING          |                                 |                                  |   |                    |  |
|                                                          |   | 6                                                                                                                         | CUSTOMER DEMONSTRATION FLIGHTS                              |                                                               |                                    |                                    |                                 |                                  |   |                    |  |
| C                                                        | 6 | MULTIPLE AIRWORTHINESS CERTIFICATE (Check ABOVE "Restricted Operation" and "Standard" or "Limited," as applicable.)       |                                                             |                                                               |                                    |                                    |                                 |                                  |   |                    |  |

|                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                           |                                                                                                                |                                                                                            |               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------|
| III. OWNER'S CERTIFICATION                                                                                                                                                                                                                                                                                                                                                                                                      | A. REGISTERED OWNER (As shown on certificate of aircraft registration)                    |                                                                                                                | IF DEALER, CHECK HERE <input type="checkbox"/>                                             |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                 | NAME<br><b>Heritage Air LLC</b>                                                           | ADDRESS<br><b>6475 NW CORNELIUS PASS RD. HILLSBORO, OR 97122</b>                                               |                                                                                            |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                 | B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated) |                                                                                                                |                                                                                            |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                 | AIRCRAFT SPECIFICATION OR TYPE CERTIFICATE DATA SHEET (Give No and Revision No.)          | AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give latest AD No.)<br><b>2003-09</b> |                                                                                            |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                 | AIRCRAFT LISTING (Give page number(s))                                                    | SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated)                                           |                                                                                            |               |
| C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                           |                                                                                                                |                                                                                            |               |
| CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173 <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                         |                                                                                           | TOTAL AIRFRAME HOURS<br><b>1734.0</b>                                                                          | EXPERIMENTAL ONLY (Enter hours flown since last certificate issued or renewed)<br><b>3</b> |               |
| D. CERTIFICATION — I hereby certify that I am the registered owner (or his agent) of the aircraft described above, that the aircraft is registered with the Federal Aviation Administration in accordance with Section 501 of the Federal Aviation Act of 1958, and applicable Federal Aviation Regulations, and that the aircraft has been inspected and is airworthy and eligible for the airworthiness certificate requested |                                                                                           |                                                                                                                |                                                                                            |               |
| DATE OF APPLICATION<br><b>5/19/03</b>                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                           | NAME AND TITLE (Print or type)<br><b>X HERITAGE AIR LLC / R. SCOTT SMITH</b>                                   |                                                                                            | SIGNATURE<br> |

|                                    |                                                                                                                                 |                                                               |   |                                                                    |   |                                                    |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|---|--------------------------------------------------------------------|---|----------------------------------------------------|
| IV. INSPECTION AGENCY VERIFICATION | A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY (Complete this section only if FAR 21.183(d) applies) |                                                               |   |                                                                    |   |                                                    |
|                                    | 2                                                                                                                               | FAR PART 121 OR 127 CERTIFICATE HOLDER (Give Certificate No.) | 3 | CERTIFICATED MECHANIC (Give Certificate No.)<br><b>AEA 176401P</b> | 6 | CERTIFICATED REPAIR STATION (Give Certificate No.) |
|                                    | 5                                                                                                                               | AIRCRAFT MANUFACTURER (Give name of firm)                     |   |                                                                    |   |                                                    |
| DATE<br><b>5-18-03</b>             |                                                                                                                                 | TITLE<br><b>AIRCRAFT MECHANIC</b>                             |   | SIGNATURE<br>                                                      |   |                                                    |

|                                     |                                                                                  |                                         |                                                               |                                                         |
|-------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------|---------------------------------------------------------|
| V. FAA REPRESENTATIVE CERTIFICATION | (Check ALL applicable blocks in items A and B)                                   |                                         | <input checked="" type="checkbox"/> THE CERTIFICATE REQUESTED |                                                         |
|                                     | A. I find that the aircraft described in Section I or VII meets requirements for |                                         | 4                                                             |                                                         |
|                                     | B. Inspection for a special flight permit under Section VII was conducted by:    |                                         | FAA INSPECTOR                                                 |                                                         |
|                                     | DATE<br><b>05-19-2003</b>                                                        |                                         | DESIGNEE'S SIGNATURE AND NO<br><b>WPO5</b>                    |                                                         |
| DISTRICT OFFICE<br><b>WPO5</b>      |                                                                                  | DESIGNEE'S SIGNATURE AND NO<br><b>4</b> |                                                               | FAA INSPECTOR'S SIGNATURE<br><b>Catherine VanAssche</b> |
| DATE<br><b>05-19-2003</b>           |                                                                                  | DISTRICT OFFICE<br><b>WPO5</b>          |                                                               | FAA INSPECTOR'S SIGNATURE<br><b>Catherine VanAssche</b> |

# VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST

## VIII. AIRWORTHINESS DOCUMENTATION (FAA use only)

|                                                                                   |  |
|-----------------------------------------------------------------------------------|--|
| A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable  |  |
| B. Current Operating Limitations Attached                                         |  |
| C. Data, Drawings, Photographs, etc. (Attach when required)                       |  |
| D. Current Weight and Balance Information Available in Aircraft                   |  |
| E. Major Repair and Alteration, FAA Form 337 (Attach when required)               |  |
| F. This Inspection Recorded in Aircraft Records                                   |  |
| G. Statement of Conformity, FAA Form 8130-9 (Attach when required)                |  |
| H. Foreign Airworthiness Certification for Import Aircraft (Attach when required) |  |
| I. Previous Airworthiness Certificate Issued in Accordance with FAR               |  |
| J. Current Airworthiness Certificate Issued in Accordance with FAR                |  |

|      |                                |           |
|------|--------------------------------|-----------|
| DATE | NAME AND TITLE (Print or type) | SIGNATURE |
|------|--------------------------------|-----------|

**F. CERTIFICATION** — I hereby certify that I am the registered owner (or his agent) of the aircraft described above, that the aircraft is registered with the Federal Aviation Administration in accordance with Section 501 of the Federal Aviation Act of 1958, and applicable Federal Aviation Regulations, and that the aircraft has been inspected and is airworthy for the flight described.

**E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION (Use attachment if necessary)**

**D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS**

|                                                            |       |          |           |                 |
|------------------------------------------------------------|-------|----------|-----------|-----------------|
| C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT | PILOT | CO-PILOT | NAVIGATOR | OTHER (Specify) |
|------------------------------------------------------------|-------|----------|-----------|-----------------|

|                          |      |                |          |
|--------------------------|------|----------------|----------|
| B. DESCRIPTION OF FLIGHT | VIA  | DEPARTURE DATE | DURATION |
|                          | FROM | TO             |          |

|                            |                  |                |                   |
|----------------------------|------------------|----------------|-------------------|
| A. DESCRIPTION OF AIRCRAFT | REGISTERED OWNER | BUILDER (Make) | SERIAL NUMBER     |
|                            | ADDRESS          | MODEL          | REGISTRATION MARK |

|                                                               |                     |                                |           |
|---------------------------------------------------------------|---------------------|--------------------------------|-----------|
| C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS | DATE OF APPLICATION | NAME AND TITLE (Print or type) | SIGNATURE |
|---------------------------------------------------------------|---------------------|--------------------------------|-----------|

## VI. PRODUCTION FLIGHT TESTING

|                                             |                                                             |                       |
|---------------------------------------------|-------------------------------------------------------------|-----------------------|
| A. MANUFACTURER                             | NAME                                                        | ADDRESS               |
| B. PRODUCTION BASIS (Check applicable item) | PRODUCTION CERTIFICATE (Give production certificate number) | TYPE CERTIFICATE ONLY |
|                                             | APPROVED PRODUCTION INSPECTION SYSTEM                       |                       |

UNITED STATES OF AMERICA

DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION

# STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND  
REGISTRATION MARKS

N114SS

2. MANUFACTURER AND MODEL

Rockwell Commander 114

3. AIRCRAFT SERIAL  
NUMBER

14291

4. CATEGORY

Utility

5. AUTHORITY AND BASIS FOR ISSUANCE

This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein.

Exceptions:

None

6. TERMS AND CONDITIONS

Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

DATE OF ISSUANCE

May 14, 2003

FAA REPRESENTATIVE

Catherine G. VanAssche

DESIGNATION NUMBER

WP05

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

100

100

| DEPARTMENT OF TRANSPORTATION<br>FEDERAL AVIATION ADMINISTRATION<br>APPLICATION FOR AIRWORTHINESS CERTIFICATE |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                          |                                                               | INSTRUCTIONS—Print or type. Do not write in shaded areas; these are for FAA use only. Submit original only to an authorized FAA Representative. If additional space is required, use an attachment. For special flight permits complete Sections II and VI or VII as applicable. |                                                                                              |                                              |            |                                                                              |                  |                                                    |   |                    |  |
|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------|------------|------------------------------------------------------------------------------|------------------|----------------------------------------------------|---|--------------------|--|
| I. AIRCRAFT DESCRIPTION                                                                                      | 1. REGISTRATION MARK<br><b>4971W</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2. AIRCRAFT BUILDER'S NAME (make)                                                                                        | 3. AIRCRAFT MODEL DESIGNATION                                 | 4. YR. MFG.                                                                                                                                                                                                                                                                      | FAA CODING                                                                                   |                                              |            |                                                                              |                  |                                                    |   |                    |  |
|                                                                                                              | 5. AIRCRAFT SERIAL NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 6. ENGINE BUILDER'S NAME (make)                                                                                          | 7. ENGINE MODEL DESIGNATION                                   |                                                                                                                                                                                                                                                                                  |                                                                                              |                                              |            |                                                                              |                  |                                                    |   |                    |  |
|                                                                                                              | 8. NUMBER OF ENGINES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 9. PROPELLER BUILDER'S NAME (make)                                                                                       | 10. PROPELLER MODEL DESIGNATION                               |                                                                                                                                                                                                                                                                                  | 11. AIRCRAFT IS:                                                                             |                                              |            |                                                                              |                  |                                                    |   |                    |  |
|                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                          |                                                               |                                                                                                                                                                                                                                                                                  | NEW                                                                                          | USED                                         | IMPORT     |                                                                              |                  |                                                    |   |                    |  |
| II. CERTIFICATION REQUESTED                                                                                  | APPLICATION IS HEREBY MADE FOR: (Check applicable items)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                          |                                                               |                                                                                                                                                                                                                                                                                  |                                                                                              |                                              |            |                                                                              |                  |                                                    |   |                    |  |
|                                                                                                              | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1                                                                                                                        | STANDARD AIRWORTHINESS CERT. (Indicate category)              |                                                                                                                                                                                                                                                                                  | NORMAL                                                                                       | UTILITY                                      | ACROBATIC  | TRANSPORT                                                                    | GLIDER           | BALLOON                                            |   |                    |  |
|                                                                                                              | B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                          | X SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items) |                                                                                                                                                                                                                                                                                  |                                                                                              |                                              |            |                                                                              |                  |                                                    |   |                    |  |
|                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2                                                                                                                        | LIMITED                                                       |                                                                                                                                                                                                                                                                                  |                                                                                              |                                              |            |                                                                              |                  |                                                    |   |                    |  |
|                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5                                                                                                                        | PROVISIONAL (Indicate class)                                  |                                                                                                                                                                                                                                                                                  | 1                                                                                            | CLASS I                                      |            |                                                                              |                  |                                                    |   |                    |  |
|                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                          | 2                                                             | CLASS II                                                                                                                                                                                                                                                                         |                                                                                              |                                              |            |                                                                              |                  |                                                    |   |                    |  |
|                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3                                                                                                                        | RESTRICTED (Indicate operation(s) to be conducted)            |                                                                                                                                                                                                                                                                                  | 1                                                                                            | AGRICULTURE & PEST CONTROL                   |            | 2                                                                            | AERIAL SURVEYING |                                                    | 3 | AERIAL ADVERTISING |  |
|                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                          | 4                                                             | FOREST (Wild life conservation)                                                                                                                                                                                                                                                  |                                                                                              | 5                                            | PATROLLING |                                                                              | 6                | WEATHER CONTROL                                    |   |                    |  |
|                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                          | 0                                                             | OTHER (Specify)                                                                                                                                                                                                                                                                  |                                                                                              |                                              |            |                                                                              |                  |                                                    |   |                    |  |
|                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4                                                                                                                        | EXPERIMENTAL (Indicate operation(s) to be conducted)          |                                                                                                                                                                                                                                                                                  | 1                                                                                            | RESEARCH AND DEVELOPMENT                     |            | 2                                                                            | AMATEUR BUILT    |                                                    | 3 | EXHIBITION         |  |
|                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4                                                                                                                        | RACING                                                        |                                                                                                                                                                                                                                                                                  | 5                                                                                            | CREW TRAINING                                |            | 6                                                                            | MKT. SURVEY      |                                                    |   |                    |  |
|                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0                                                                                                                        | TO SHOW COMPLIANCE WITH FAR                                   |                                                                                                                                                                                                                                                                                  |                                                                                              |                                              |            |                                                                              |                  |                                                    |   |                    |  |
|                                                                                                              | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SPECIAL FLIGHT PERMIT (Indicate operation to be conducted then complete Section VI or VII as applicable on reverse side) |                                                               | 1                                                                                                                                                                                                                                                                                | FERRY FLIGHT FOR REPAIRS, ALTERATIONS, MAINTENANCE OR STORAGE                                |                                              |            |                                                                              |                  |                                                    |   |                    |  |
|                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2                                                                                                                        | EVACUATE FROM AREA OF IMPENDING DANGER                        |                                                                                                                                                                                                                                                                                  |                                                                                              |                                              |            |                                                                              |                  |                                                    |   |                    |  |
|                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3                                                                                                                        | X OPERATION IN EXCESS OF MAX. CERTIFICATED TAKE-OFF WEIGHT    |                                                                                                                                                                                                                                                                                  |                                                                                              |                                              |            |                                                                              |                  |                                                    |   |                    |  |
|                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4                                                                                                                        | DELIVERING OR EXPORT                                          |                                                                                                                                                                                                                                                                                  | 5                                                                                            | PRODUCTION FLIGHT TESTING                    |            |                                                                              |                  |                                                    |   |                    |  |
| C                                                                                                            | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MULTIPLE AIRWORTHINESS CERTIFICATE (Check appropriate Restricted Operation and Standard or Limited as applicable above)  |                                                               |                                                                                                                                                                                                                                                                                  |                                                                                              |                                              |            |                                                                              |                  |                                                    |   |                    |  |
| III. OWNER'S CERTIFICATION                                                                                   | A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                          |                                                               |                                                                                                                                                                                                                                                                                  |                                                                                              |                                              |            | IF DEALER, CHECK HERE →                                                      |                  |                                                    |   |                    |  |
|                                                                                                              | NAME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                          |                                                               |                                                                                                                                                                                                                                                                                  | ADDRESS                                                                                      |                                              |            |                                                                              |                  |                                                    |   |                    |  |
|                                                                                                              | B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                          |                                                               |                                                                                                                                                                                                                                                                                  |                                                                                              |                                              |            |                                                                              |                  |                                                    |   |                    |  |
|                                                                                                              | AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.)                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                          |                                                               |                                                                                                                                                                                                                                                                                  | AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give latest AD No.) |                                              |            |                                                                              |                  |                                                    |   |                    |  |
|                                                                                                              | AIRCRAFT LISTING (Give page No(s).)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                          |                                                               |                                                                                                                                                                                                                                                                                  | SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated)                         |                                              |            |                                                                              |                  |                                                    |   |                    |  |
|                                                                                                              | C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                          |                                                               |                                                                                                                                                                                                                                                                                  |                                                                                              |                                              |            |                                                                              |                  |                                                    |   |                    |  |
|                                                                                                              | CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                          |                                                               | TOTAL AIRFRAME HOURS—Enter for used aircraft only                                                                                                                                                                                                                                |                                                                                              |                                              | 3          | EXPERIMENTAL ONLY—Enter hours flown since last certificate issued or renewed |                  |                                                    |   |                    |  |
|                                                                                                              | D. CERTIFICATION—I hereby certify that I am the owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Section 501 of the Federal Aviation Act of 1958, and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is airworthy and eligible for the airworthiness certificate requested.                                                                                                                          |                                                                                                                          |                                                               |                                                                                                                                                                                                                                                                                  |                                                                                              |                                              |            |                                                                              |                  |                                                    |   |                    |  |
|                                                                                                              | DATE OF APPLICATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                          |                                                               | NAME AND TITLE (Print or type)                                                                                                                                                                                                                                                   |                                                                                              |                                              |            | SIGNATURE                                                                    |                  |                                                    |   |                    |  |
|                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                          |                                                               |                                                                                                                                                                                                                                                                                  |                                                                                              |                                              |            |                                                                              |                  |                                                    |   |                    |  |
| IV. INSPECTION AGENCY VERIFICATION                                                                           | A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY: (Complete this section only if FAR 21.183 (d) applies)                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                          |                                                               |                                                                                                                                                                                                                                                                                  |                                                                                              |                                              |            |                                                                              |                  |                                                    |   |                    |  |
|                                                                                                              | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | FAR PART 121 OR 127 CERTIFICATE HOLDER (Give Certificate No.)                                                            |                                                               |                                                                                                                                                                                                                                                                                  | 3                                                                                            | CERTIFICATED MECHANIC (Give Certificate No.) |            |                                                                              | 6                | CERTIFICATED REPAIR STATION (Give Certificate No.) |   |                    |  |
|                                                                                                              | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | AIRCRAFT MANUFACTURER (Give Name of Firm)                                                                                |                                                               |                                                                                                                                                                                                                                                                                  |                                                                                              |                                              |            |                                                                              |                  |                                                    |   |                    |  |
|                                                                                                              | DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                          |                                                               | TITLE                                                                                                                                                                                                                                                                            |                                                                                              |                                              |            | SIGNATURE                                                                    |                  |                                                    |   |                    |  |
| V. FAA REPRESENTATIVE CERTIFICATION                                                                          | (Check ALL applicable blocks) I find that the aircraft described in Section I or VII meets the requirements for: <input checked="" type="checkbox"/> The certification requested, or <input type="checkbox"/> Amendment or modification of its current airworthiness certificate. Inspection for a special flight permit under Section VII was conducted by: <input type="checkbox"/> FAA Inspector; certificate holder under <input type="checkbox"/> FAR 65, <input type="checkbox"/> FAR 121 or 127, or <input type="checkbox"/> FAR 145. |                                                                                                                          |                                                               |                                                                                                                                                                                                                                                                                  |                                                                                              |                                              |            |                                                                              |                  |                                                    |   |                    |  |
|                                                                                                              | DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                          | DISTRICT OFFICE                                               |                                                                                                                                                                                                                                                                                  | DESIGNEE'S SIGNATURE AND NO.                                                                 |                                              |            | FAA INSPECTOR'S SIGNATURE                                                    |                  |                                                    |   |                    |  |
|                                                                                                              | 3-10-78                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                          | SO-GADO-8                                                     |                                                                                                                                                                                                                                                                                  | 4                                                                                            |                                              |            | R. Turry                                                                     |                  |                                                    |   |                    |  |

|                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST</b>                                                                                                                                                                                                                                                                             |  | <b>VIII. AIRWORTHINESS DOCUMENTATION</b><br><small>(FAA use only)</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
| <b>A. MANUFACTURER</b><br>NAME _____<br>ADDRESS _____                                                                                                                                                                                                                                                                                                    |  | <b>F. CERTIFICATION</b> —I hereby certify that I am the registered owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Section 501 of the Federal Aviation Act of 1958, and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is airworthy for the flight described.<br><br>1. When the aircraft is in overweight condition, the cruising speed (Vno) should not exceed 152 mph and the maximum speed (Vne) 194 mph.<br><br>2. The sequence of use of the ferry fuel tanks as shown by a temporary fuel placard in full view of the pilot.<br><br>3. The fuel quantity should not exceed 50 gal. in the forward tank nor 31 gal. in the rear barrel. |  |
| <b>B. PRODUCTION BASIS</b> (Check applicable item)<br>PRODUCTION CERTIFICATE (Give production certificate number) _____<br>TYPE CERTIFICATE ONLY _____<br>APPROVED PRODUCTION INSPECTION SYSTEM _____                                                                                                                                                    |  | <b>C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT</b><br>FROM Lakeland Florida TO Melbourne Australia<br>VIA Honolulu Hawaii<br>DEPARTURE DATE 3/10/78 DURATION 30 days<br>D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS:</b><br>DATE OF APPLICATION _____<br>NAME AND TITLE (Print or type) _____<br>SIGNATURE _____                                                                                                                                                                                            |  | <b>E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION (Use attachment if necessary)</b><br><br>The aircraft does not meet the applicable airworthiness requirements when operated at a weight in excess of its certificated weight of 3140 pounds. The temporary fuel tank installation is in accordance with Globe Aero Ltd., Inc. drawing number GA-114-57D and FAA Form 337 "Major Repair and Alteration" dated September 26, 1977.                                                                                                                                                                                                                                                                                                                          |  |
| <b>A. DESCRIPTION OF AIRCRAFT</b><br>REGISTERED OWNER Globe Aero Ltd., Inc.<br>ADDRESS P.O. Box 5775 Lakeland Florida 33803<br>BUILDER (Make) Rockwell<br>MODEL 114<br>SERIAL NUMBER 14291<br>REGISTRATION MARK N4971W                                                                                                                                   |  | <b>B. DESCRIPTION OF FLIGHT</b><br>FROM Lakeland Florida TO Melbourne Australia<br>VIA Honolulu Hawaii<br>DEPARTURE DATE 3/10/78 DURATION 30 days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:</b><br>X PILOT _____<br>CO-PILOT _____<br>NAVIGATOR _____<br>OTHER (Specify) _____                                                                                                                                                                                |  | <b>F. This Inspection Recorded in Aircraft Records</b><br>E. Major Repair and Alteration, FAA 337 (Attach when required)<br>D. Current Weight and Balance Information Available in Aircraft<br>C. Data, Drawings, Photographs, etc. (Attach when required)<br>B. Current Operating Limitations Attached<br>A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>G. Statement of Conformity, FAA Form 317 (Attach when required)</b><br>H. Foreign Airworthiness Certification for Import Aircraft (Attach when required)<br>I. Previous Airworthiness Certificate Issued in Accordance with FAR _____ (Original attached)<br>J. Current Airworthiness Certificate Issued in Accordance with FAR _____ (Copy attached) |  | <b>NAME AND TITLE (Print or type)</b> David McColium, Office Manager<br><b>SIGNATURE</b> _____<br><b>DATE</b> 3/10/78                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |

UNITED STATES OF AMERICA  
DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION  
**SPECIAL AIRWORTHINESS CERTIFICATE**

|   |                                                                           |                                                               |
|---|---------------------------------------------------------------------------|---------------------------------------------------------------|
| A | CLASSIFICATION:<br><b>Special Flight Permit</b>                           |                                                               |
|   | PURPOSE:<br><b>Operation in excess of max. Cert. T.O. Wt.</b>             |                                                               |
| B | MANUFACTURER                                                              | NAME<br><b>N/A</b>                                            |
|   |                                                                           | ADDRESS<br><b>N/A</b>                                         |
| C | FLIGHT                                                                    | FROM<br><b>Lakeland Florida to Melbourne Australia Via</b>    |
|   |                                                                           | TO<br><b>XX Honolulu Hawaii (Sub. to part D(2) rev. side)</b> |
| D | N--<br><b>N4971W</b>                                                      | SERIAL NO.<br><b>14291</b>                                    |
|   | BUILDER<br><b>Rockwell</b>                                                | MODEL<br><b>114</b>                                           |
| E | DATE OF ISSUANCE<br><b>3/10/78</b>                                        | EXPIRY<br><b>4/18/78</b>                                      |
|   | OPERATING LIMITATIONS DATED <b>3/10/78</b> ARE A PART OF THIS CERTIFICATE |                                                               |
|   | SIGNATURE OF FAA REPRESENTATIVE<br><b>R. H. [Signature]</b>               | DESIGNATION OR OFFICE NO.<br><b>SO-CADO-8</b>                 |

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000 or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A | This airworthiness certificate is issued under the authority of the Federal Aviation Act of 1958 and the Federal Aviation Regulations (FAR).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| B | This airworthiness certificate authorizes the manufacturer named on the reverse side to conduct production flight tests, and only production flight tests, of aircraft registered in his name. No person may conduct production flight tests under this certificate: (1) Carrying persons or property for compensation or hire; and/or (2) Carrying persons not essential to the purpose of the flight.                                                                                                                                                                                                                                                                                                |
| C | This airworthiness certificate authorizes the flight specified on the reverse side for the purpose shown in Block A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| D | This airworthiness certificate certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to meet the requirements of the applicable FAR. The aircraft does not meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention On International Civil Aviation. No person may operate the aircraft described on the reverse side: (1) except in accordance with the applicable FAR and in accordance with conditions and limitations which may be prescribed by the Administrator as part of this certificate; (2) over any foreign country without the special permission of that country. |
| E | Unless sooner surrendered, suspended, or revoked, this airworthiness certificate is effective for the duration and under the conditions prescribed in FAR Part 21, Section 21.181 or 21.217.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

OPERATING LIMITATIONS

DATE 3/10/78

SERIAL NUMBER 14291

EXPIRATION DATE 4/8/78

AIRCRAFT IDENT. NO. N4971W

This special flight permit is not valid unless there is attached a properly executed FAA Form 337, Major Repair and Alteration, covering temporary fuel tank installation.

Pilot in command must be properly rated for this type aircraft with at least a private pilot certificate, current instrument rating and qualified to conduct overseas ferry flights.

Maximum weight must not exceed 3454 pounds.

Aircraft must be loaded in such a manner that the center of gravity limits shall remain within limits specified for normal category operation.

Aerobatics are prohibited.

Use of autopilot while in overweight condition is prohibited.

Avoid moderate to severe turbulence.

When an overweight landing is made or the aircraft has been flown through moderate or severe turbulence while in an overweight condition, the aircraft must be inspected for damage. The inspections performed and findings must be entered in aircraft logbook.

The following airspeed limits must not be exceeded in the overweight condition.

1. VNO - 152 mph      2. VNE - 194 mph

Operation in the overweight condition must be conducted to avoid areas having heavy air traffic and cities, towns, villages and congested areas, or any other areas where such flights might create hazardous exposure to persons or property on the ground.

The carriage of cargo or persons other than crew members necessary for purposes of the flight is prohibited.

Any alterations made to this aircraft during the effective period of this special flight permit shall invalidate this permit.

Smoking is prohibited when temporary fuel tanks are installed in cabin.

It shall be the pilot's responsibility to notify the nearest Federal Aviation Administration District or Area office located at the point of departure from the U.S. in sufficient time for that office to determine that the aircraft still conforms to the terms and conditions of the special flight permit.

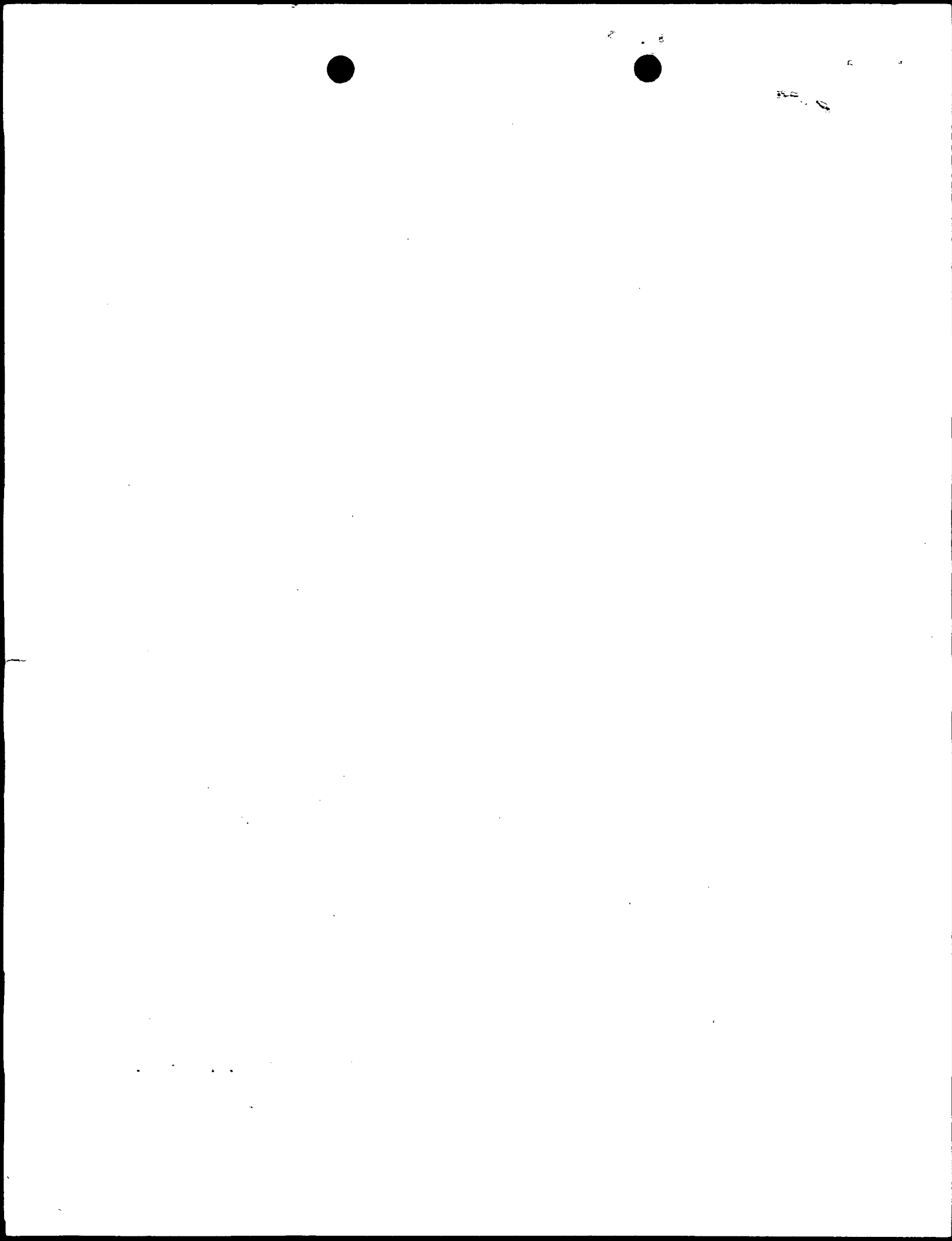
Prior to requesting clearance to takeoff position, pilot in command must advise the tower of the overweight condition and of any limitations with respect to a specific runway or prescribed meteorological conditions.

This flight permit valid only from the point of origin to the U.S. border.

3-10-78  
Date

R. T. Toney  
FAA Representative

SO-GADO-8



**MAJOR REPAIR AND ALTERATION**  
**(Airframe, Powerplant, Propeller, or Appliance)**

FOR FAA USE ONLY

OFFICE IDENTIFICATION

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.

|             |                                                                             |                                                                                                   |
|-------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 1. AIRCRAFT | MAKE<br><b>Rockwell</b>                                                     | MODEL<br><b>114</b>                                                                               |
|             | SERIAL NO.<br><b>14291</b>                                                  | NATIONALITY AND REGISTRATION MARK<br><b>N4971W</b>                                                |
| 2. OWNER    | NAME (As shown on registration certificate)<br><b>Globe Aero Ltd., Inc.</b> | ADDRESS (As shown on registration certificate)<br><b>P.O. Box 5775<br/>Lakeland Florida 33803</b> |

3. FOR FAA USE ONLY

No person may operate this aircraft as altered herein unless it has within an appropriate and current Special Flight Permit issued in accordance with the provisions of Special Aviation Reg. Part 21.

4. UNIT IDENTIFICATION

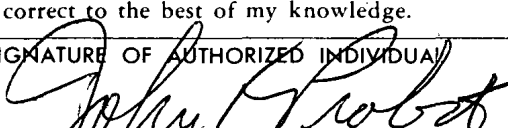
5. TYPE

| UNIT       | MAKE                                       | MODEL | SERIAL NO. | 5. TYPE |            |
|------------|--------------------------------------------|-------|------------|---------|------------|
|            |                                            |       |            | REPAIR  | ALTERATION |
| AIRFRAME   | ..... (As described in item 1 above) ..... |       |            |         | Temporary  |
| POWERPLANT |                                            |       |            |         |            |
| PROPELLER  |                                            |       |            |         |            |
| APPLIANCE  | TYPE                                       |       |            |         |            |
|            | MANUFACTURER                               |       |            |         |            |

6. CONFORMITY STATEMENT

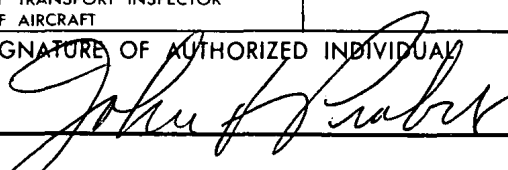
|                                                                                                                 |                                                                 |                    |
|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------|
| A. AGENCY'S NAME AND ADDRESS                                                                                    | B. KIND OF AGENCY                                               | C. CERTIFICATE NO. |
| <b>Globe Aero Ltd., Inc.<br/>3240 Dranefield Road<br/>Lakeland Municipal Airport<br/>Lakeland Florida 33803</b> | <input type="checkbox"/> U.S. CERTIFICATED MECHANIC             | <b>708-52</b>      |
|                                                                                                                 | <input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC          |                    |
|                                                                                                                 | <input checked="" type="checkbox"/> CERTIFICATED REPAIR STATION |                    |
|                                                                                                                 | <input type="checkbox"/> MANUFACTURER                           |                    |

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

|                               |                                                                                                                            |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| DATE<br><b>March 10, 1978</b> | SIGNATURE OF AUTHORIZED INDIVIDUAL<br> |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------|

7. APPROVAL FOR RETURN TO SERVICE

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ APPROVED ☐ REJECTED

|                                                        |                                                  |                                                                                                                            |                                                        |                 |
|--------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-----------------|
| BY                                                     | FAA FLT. STANDARDS INSPECTOR                     | MANUFACTURER                                                                                                               | INSPECTION AUTHORIZATION                               | OTHER (Specify) |
|                                                        | FAA DESIGNEE <input checked="" type="checkbox"/> | REPAIR STATION                                                                                                             | CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT |                 |
| DATE OF APPROVAL OR REJECTION<br><b>March 10, 1978</b> | CERTIFICATE OR DESIGNATION NO.<br><b>708-52</b>  | SIGNATURE OF AUTHORIZED INDIVIDUAL<br> |                                                        |                 |

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with air-craft nationality and registration mark and date work completed.)

1. Temporary fuel system installed and checked and found to operate satisfactorily.
2. This temporary long range fuel system installation was performed in accordance with Globe Aero Ltd. drawing number GA-114-57D duplication alteration approved on FAA form 337 dated September 26, 1977 for Rockwell 114, S/N 14316, Registration N4996W.
3. Oil consumption established during previous flights and oil supply determined to be adequate for length of flight.
4. Temporary HF installed for use during ferry flight only.

|                                | ARM         | MOMENT        |
|--------------------------------|-------------|---------------|
| Empty Wt.                      | 2006        | 100.77        |
| Pilot                          | 170         | 99.0          |
| Fuel                           | 408         | 112.2         |
| Baggage and temp. radio        | 40          | 99.0          |
| Removed Rt. ft. seat           | - 18        | 99.0          |
| Removed rear seats             | - 40        | 136.0         |
| Added all seats in aft baggage | 58          | 164.0         |
| Cabin fuel:                    |             |               |
| Front tank: 50 gal. +          | 340         | 99.0          |
| 40 lb. wt.                     |             |               |
| Middle tank: 34 gal. +         | 254         | 124.0         |
| 50 lb. wt.                     |             |               |
| Rear tank: 31 gal. +           | 236         | 148.0         |
| 50 lb. wt.                     |             |               |
|                                | <u>3454</u> | <u>107.44</u> |
|                                |             | <u>371087</u> |

AIRCRAFT ACTUAL GROSS WEIGHT 3140 POUNDS.

ALLOWABLE WEIGHT 10% OVER GROSS FOR FERRY PURPOSES & 3454 POUNDS.

ALSO NOTE IN AIRCRAFT LOG.

ALSO NOTE FERRY FUEL PLACARD LOCATED IN AIRCRAFT IN FULL VIEW OF THE PILOT. AIRCRAFT IS WITHIN THE FORWARD AND AFT C.G. LIMITS.

AIRCRAFT IS WITHIN THE FORWARD AND AFT C.G. LIMITS.

FORWARD C.G. 106.91

AFT C.G. 110.50

**-END-**

☐ ADDITIONAL SHEETS ARE ATTACHED

DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

Form Approved  
Budget Bureau No. 04-R060.1

**MAJOR REPAIR AND ALTERATION**  
**(Airframe, Powerplant, Propeller, or Appliance)**

FOR FAA USE ONLY

OFFICE IDENTIFICATION

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.

|             |                                                                                                            |                                                                                                              |
|-------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 1. AIRCRAFT | MAKE<br><b>Rockwell Commander</b>                                                                          | MODEL<br><b>114</b>                                                                                          |
|             | SERIAL NO.<br><b>14291</b>                                                                                 | NATIONALITY AND REGISTRATION MARK<br><b>U S N4971W</b>                                                       |
| 2. OWNER    | NAME (As shown on registration certificate)<br><b>General Aviation Division<br/>Rockwell International</b> | ADDRESS (As shown on registration certificate)<br><b>5001 N. Rockwell Avenue<br/>Bethany, Oklahoma 73008</b> |

3. FOR FAA USE ONLY

| 4. UNIT IDENTIFICATION |                                            |       |            | 5. TYPE |            |
|------------------------|--------------------------------------------|-------|------------|---------|------------|
| UNIT                   | MAKE                                       | MODEL | SERIAL NO. | REPAIR  | ALTERATION |
| AIRFRAME               | ***** (As described in item 1 above) ***** |       |            |         | <b>X</b>   |
| POWERPLANT             |                                            |       |            |         |            |
| PROPELLER              |                                            |       |            |         |            |
| APPLIANCE              | TYPE                                       |       |            |         |            |
|                        | MANUFACTURER                               |       |            |         |            |

6. CONFORMITY STATEMENT

|                                                                                                                     |                                                        |                            |
|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|----------------------------|
| A. AGENCY'S NAME AND ADDRESS                                                                                        | B. KIND OF AGENCY                                      | C. CERTIFICATE NO.         |
| <b>General Aviation Division<br/>Rockwell International<br/>5001 N. Rockwell Avenue<br/>Bethany, Oklahoma 73008</b> | <input type="checkbox"/> U.S. CERTIFICATED MECHANIC    | <b>PC-203<br/>TC-A1230</b> |
|                                                                                                                     | <input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC |                            |
|                                                                                                                     | <input type="checkbox"/> CERTIFICATED REPAIR STATION   |                            |
|                                                                                                                     | <input checked="" type="checkbox"/> MANUFACTURER       |                            |

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

|                                |                                                                                                                 |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------|
| DATE<br><b>January 6, 1978</b> | SIGNATURE OF AUTHORIZED INDIVIDUAL<br><i>Kenneth E. Wells</i><br><b>Kenneth E. Wells, Production Supervisor</b> |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------|

7. APPROVAL FOR RETURN TO SERVICE

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ APPROVED ☐ REJECTED

|                                                |                              |                                                     |                |                                                                                                |                 |
|------------------------------------------------|------------------------------|-----------------------------------------------------|----------------|------------------------------------------------------------------------------------------------|-----------------|
| BY                                             | FAA FLT. STANDARDS INSPECTOR | <input checked="" type="checkbox"/>                 | MANUFACTURER   | INSPECTION AUTHORIZATION                                                                       | OTHER (Specify) |
|                                                | FAA DESIGNEE                 | <input type="checkbox"/>                            | REPAIR STATION | CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT                                         |                 |
| DATE OF APPROVAL OR REJECTION<br><b>1-6-78</b> |                              | CERTIFICATE OR DESIGNATION NO.<br><b>DOA PC-203</b> |                | SIGNATURE OF AUTHORIZED INDIVIDUAL<br><i>Elliott F. Campbell</i><br><b>Elliott F. Campbell</b> |                 |

# NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (if more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Aircraft Total Time 5 hrs. 32 min.  
 Remove ELT installation installed for Canadian requirements.  
 Remove Standard Altimeter in feet and inches. Installed ELT installation  
 Altimeter in feet and millibars and sound proofing per WRO P9291. Rev 2  
 dated 10-31-77 and the following drawings:

|           |            |                        |
|-----------|------------|------------------------|
| Removed   | 835016-503 | ELT Installation       |
| Installed | U15934P    | Altimeter              |
| 835016-1  | G          | ELT Installation       |
| 48904-1   | NC-1       | Altimeter ( Ft. & MB ) |
| 105001    | Rmk 12 C   | Sound Proofing         |

Aircraft reweighed, wt. & bal. and equipment list revised. All work accomplished under delegated option procedures. Records on file at General Aviation Division, Rockwell International, Quality Control Office, Bethany, Oklahoma.

-----END-----

☐ ADDITIONAL SHEETS ARE ATTACHED

DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION  
APPLICATION FOR AIRWORTHINESS CERTIFICATE

**INSTRUCTIONS**—Print or type. Do not write in shaded areas; these are for FAA use only. Submit original only to an authorized FAA Representative. If additional space is required, use an attachment. For special flight permits complete Sections II and VI or VII as applicable.

|                         |                                        |                                                                |                                                                |                            |                                                                                                                                                 |
|-------------------------|----------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| I. AIRCRAFT DESCRIPTION | 1. REGISTRATION MARK<br><b>N4971W</b>  | 2. AIRCRAFT BUILDER'S NAME (make)<br><b>Rockwell Commander</b> | 3. AIRCRAFT MODEL DESIGNATION<br><b>114 (FAR 23)</b>           | 4. YR. MFG.<br><b>1977</b> | FAA CODING<br><b>7630314</b>                                                                                                                    |
|                         | 5. AIRCRAFT SERIAL NO.<br><b>14291</b> | 6. ENGINE BUILDER'S NAME (make)<br><b>Lycoming</b>             | 7. ENGINE MODEL DESIGNATION<br><b>IO-540-T4B5D</b>             |                            | <b>41533</b>                                                                                                                                    |
|                         | 8. NUMBER OF ENGINES<br><b>One</b>     | 9. PROPELLER BUILDER'S NAME (make)<br><b>Hartzell</b>          | 10. PROPELLER MODEL DESIGNATION<br><b>HC-C2YR-1BF/F8467-7R</b> |                            | 11. AIRCRAFT IS:<br><input checked="" type="checkbox"/> NEW <input checked="" type="checkbox"/> USED <input checked="" type="checkbox"/> IMPORT |
|                         |                                        |                                                                |                                                                |                            |                                                                                                                                                 |

**APPLICATION IS HEREBY MADE FOR:** (Check applicable items)

|   |                                                             |                                                                                                                          |                                            |                                                               |                                    |                                    |                                 |                                  |
|---|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------|------------------------------------|------------------------------------|---------------------------------|----------------------------------|
| A | 1                                                           | <input checked="" type="checkbox"/> STANDARD AIRWORTHINESS CERT. (Indicate category)                                     | <input checked="" type="checkbox"/> NORMAL | <input checked="" type="checkbox"/> UTILITY                   | <input type="checkbox"/> ACROBATIC | <input type="checkbox"/> TRANSPORT | <input type="checkbox"/> GLIDER | <input type="checkbox"/> BALLOON |
| B | SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items) |                                                                                                                          |                                            |                                                               |                                    |                                    |                                 |                                  |
|   | 2                                                           | LIMITED                                                                                                                  |                                            |                                                               |                                    |                                    |                                 |                                  |
|   | 5                                                           | PROVISIONAL (Indicate class)                                                                                             | 1                                          | CLASS I                                                       |                                    |                                    |                                 |                                  |
|   |                                                             |                                                                                                                          | 2                                          | CLASS II                                                      |                                    |                                    |                                 |                                  |
|   | 3                                                           | RESTRICTED (Indicate operation(s) to be conducted)                                                                       | 1                                          | AGRICULTURE & PEST CONTROL                                    | 2                                  | AERIAL SURVEYING                   | 3                               | AERIAL ADVERTISING               |
|   |                                                             |                                                                                                                          | 4                                          | FOREST (Wild life conservation)                               | 5                                  | PATROLLING                         | 6                               | WEATHER CONTROL                  |
|   |                                                             |                                                                                                                          | 0                                          | OTHER (Specify)                                               |                                    |                                    |                                 |                                  |
|   | 4                                                           | EXPERIMENTAL (Indicate operation(s) to be conducted)                                                                     | 1                                          | RESEARCH AND DEVELOPMENT                                      | 2                                  | AMATEUR BUILT                      | 3                               | EXHIBITION                       |
|   |                                                             |                                                                                                                          | 4                                          | RACING                                                        | 5                                  | CREW TRAINING                      | 6                               | MKT. SURVEY                      |
|   |                                                             |                                                                                                                          | 0                                          | TO SHOW COMPLIANCE WITH FAR                                   |                                    |                                    |                                 |                                  |
|   | 8                                                           | SPECIAL FLIGHT PERMIT (Indicate operation to be conducted then complete Section VI or VII as applicable on reverse side) | 1                                          | FERRY FLIGHT FOR REPAIRS, ALTERATIONS, MAINTENANCE OR STORAGE |                                    |                                    |                                 |                                  |
|   |                                                             |                                                                                                                          | 2                                          | EVACUATE FROM AREA OF IMPENDING DANGER                        |                                    |                                    |                                 |                                  |
|   |                                                             |                                                                                                                          | 3                                          | OPERATION IN EXCESS OF MAX. CERTIFICATED TAKE-OFF WEIGHT      |                                    |                                    |                                 |                                  |
|   |                                                             |                                                                                                                          | 4                                          | DELIVERING OR EXPORT                                          |                                    |                                    |                                 |                                  |
|   |                                                             |                                                                                                                          | 5                                          | PRODUCTION FLIGHT TESTING                                     |                                    |                                    |                                 |                                  |
| C | 6                                                           | MULTIPLE AIRWORTHINESS CERTIFICATE (Check appropriate Restricted Operation and Standard or Limited as applicable above)  |                                            |                                                               |                                    |                                    |                                 |                                  |

**III. OWNER'S CERTIFICATION**

A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration) IF DEALER, CHECK HERE ☒

NAME **General Aviation Division** ADDRESS **5001 N. Rockwell Avenue**  
**Rockwell International** **Bethany, Oklahoma 73008**

B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)

|                                                                                                                                                     |                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.)<br><b>A-250, Revision 9</b> | AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give latest AD No.)<br><b>77-04</b> |
| AIRCRAFT LISTING (Give page No(s).)<br><b>N/A</b>                                                                                                   | SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated)<br><b>N/A</b>                           |

C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS

|                                                                                    |                                                            |   |                                                                              |
|------------------------------------------------------------------------------------|------------------------------------------------------------|---|------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173 | TOTAL AIRFRAME HOURS— <del>XXXXXX</del><br><b>2.7 hrs.</b> | 3 | EXPERIMENTAL ONLY—Enter hours flown since last certificate issued or renewed |
|------------------------------------------------------------------------------------|------------------------------------------------------------|---|------------------------------------------------------------------------------|

D. CERTIFICATION—I hereby certify that I am the owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Section 501 of the Federal Aviation Act of 1958, and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is airworthy and eligible for the airworthiness certificate requested.

DATE OF APPLICATION **06-01-77** NAME AND TITLE (Print or type) **George G. Chatham, Chief Insp.** SIGNATURE *George G. Chatham*

A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY: (Complete this section only if FAR 21.183 (d) applies)

|   |                                                               |   |                                              |   |                                                    |
|---|---------------------------------------------------------------|---|----------------------------------------------|---|----------------------------------------------------|
| 2 | FAR PART 121 OR 127 CERTIFICATE HOLDER (Give Certificate No.) | 3 | CERTIFICATED MECHANIC (Give Certificate No.) | 6 | CERTIFICATED REPAIR STATION (Give Certificate No.) |
| 5 | AIRCRAFT MANUFACTURER (Give Name of Firm)                     |   |                                              |   |                                                    |

DATE \_\_\_\_\_ TITLE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

**V. FAA REPRESENTATIVE CERTIFICATION**

(Check ALL applicable blocks) I find that the aircraft described in Section I or VII meets the requirements for: ☒ The certification requested, or ☐ Amendment or modification of its current airworthiness certificate. Inspection for a special flight permit under Section VII was conducted by: ☐ FAA Inspector; certificate holder under ☐ FAR 65, ☐ FAR 121 or 127, or ☐ FAR 145.

|                         |                                      |                                                                       |                                       |
|-------------------------|--------------------------------------|-----------------------------------------------------------------------|---------------------------------------|
| DATE<br><b>06-01-77</b> | DISTRICT OFFICE<br><b>SW-EMDO-41</b> | DESIGNEE'S SIGNATURE AND NO.<br><b>R. E. Hartsfield</b><br>DOA PC-203 | FAA INSPECTOR'S SIGNATURE<br><b>1</b> |
|-------------------------|--------------------------------------|-----------------------------------------------------------------------|---------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                   |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>VII. PRODUCTION FLIGHT TESTING</b>                                                                                                                                                                                                                                                                                                                                                                  |  | <b>VIII. AIRWORTHINESS DOCUMENTATION</b><br>(FAA use only)                                                                                        |  |
| <b>A. MANUFACTURER</b><br>NAME _____<br>ADDRESS _____                                                                                                                                                                                                                                                                                                                                                  |  | <b>A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable</b><br><input checked="" type="checkbox"/>                    |  |
| <b>B. PRODUCTION BASIS (Check applicable item)</b><br><input type="checkbox"/> PRODUCTION CERTIFICATE (Give production certificate number)<br><input type="checkbox"/> TYPE CERTIFICATE ONLY<br><input type="checkbox"/> APPROVED PRODUCTION INSPECTION SYSTEM                                                                                                                                         |  | <b>B. Current Operating Limitations Attached</b><br><input type="checkbox"/>                                                                      |  |
| <b>C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS:</b><br>DATE OF APPLICATION _____<br>NAME AND TITLE (Print or type) _____<br>SIGNATURE _____                                                                                                                                                                                                                                          |  | <b>C. Data, Drawings, Photographs, etc. (Attach when required)</b><br><input type="checkbox"/>                                                    |  |
| <b>D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:</b>                                                                                                                                                                                                                                                                                                             |  | <b>D. Current Weight and Balance Information Available in Aircraft</b><br><input type="checkbox"/>                                                |  |
| <b>E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION (Use attachment if necessary)</b>                                                                                                                                                                                                                                                                                         |  | <b>E. Major Repair and Alteration, FAA 337 (Attach when required)</b><br><input type="checkbox"/>                                                 |  |
| <b>F. CERTIFICATION</b> —I hereby certify that I am the registered owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Section 501 of the Federal Aviation Act of 1958, and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is airworthy for the flight described. |  | <b>F. This Inspection Recorded in Aircraft Records</b><br><input checked="" type="checkbox"/>                                                     |  |
| <b>G. STATEMENT OF CONFORMITY, FAA Form 317 (Attach when required)</b><br><input type="checkbox"/>                                                                                                                                                                                                                                                                                                     |  | <b>G. Statement of Conformity, FAA Form 317 (Attach when required)</b><br><input type="checkbox"/>                                                |  |
| <b>H. Foreign Airworthiness Certification for Import Aircraft (Attach when required)</b><br><input type="checkbox"/>                                                                                                                                                                                                                                                                                   |  | <b>H. Foreign Airworthiness Certification for Import Aircraft (Attach when required)</b><br><input type="checkbox"/>                              |  |
| <b>I. Previous Airworthiness Certificate Issued in Accordance with FAR _____ CAR _____ (Original attached)</b><br><input type="checkbox"/>                                                                                                                                                                                                                                                             |  | <b>I. Previous Airworthiness Certificate Issued in Accordance with FAR _____ CAR _____ (Original attached)</b><br><input type="checkbox"/>        |  |
| <b>J. Current Airworthiness Certificate Issued in Accordance with FAR 21.183 (a) _____ (Copy attached)</b><br><input checked="" type="checkbox"/>                                                                                                                                                                                                                                                      |  | <b>J. Current Airworthiness Certificate Issued in Accordance with FAR 21.183 (a) _____ (Copy attached)</b><br><input checked="" type="checkbox"/> |  |

UNITED STATES OF AMERICA  
 DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION  
**STANDARD AIRWORTHINESS CERTIFICATE**

|                                          |                           |                              |                           |
|------------------------------------------|---------------------------|------------------------------|---------------------------|
| 1. NATIONALITY AND<br>REGISTRATION MARKS | 2. MANUFACTURER AND MODEL | 3. AIRCRAFT SERIAL<br>NUMBER | 4. CATEGORY               |
| <b>N4971W</b>                            | <b>Rockwell Commander</b> | <b>14291</b>                 | <b>Normal<br/>Utility</b> |

5. AUTHORITY AND BASIS FOR ISSUANCE  
 This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found, to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein.  
 Exceptions:  
**None** ★

6. TERMS AND CONDITIONS  
 Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

|                  |                         |                    |
|------------------|-------------------------|--------------------|
| DATE OF ISSUANCE | FAA REPRESENTATIVE      | DESIGNATION NUMBER |
| <b>06-01-77</b>  | <b>R. E. Hartsfield</b> | <b>DOA PC-203</b>  |

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

