

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number XBI2995K

This certificate is issued to

BARFIELD INC.

whose business address is

**1912 WEST 4TH STREET
TEMPE, ARIZONA 85281**

upon finding that its organization complies in all respects with the requirements of the Federal Aviation Regulations relating to the establishment of an Air Agency, and is empowered to operate an approved repair station with the following ratings:

**INSTRUMENT
ACCESSORY
LIMITED RADIO (10/31/2000)
LIMITED ACCESSORY (10/31/2000)**

This certificate, unless canceled, suspended, or revoked, shall continue in effect indefinitely.

Date issued

**FEBRUARY 22, 1996
REISSUED: 09/27/2010**

By direction of the Administrator



**JIMMY D. WEBB
ACTING MANAGER, AWP-FSDO-WP07**

This Certificate is not Transferable AND ANY MAJOR CHANGE IN THE BASIC FACILITIES, OR IN THE LOCATION THEREOF, SHALL BE IMMEDIATELY REPORTED TO THE APPROPRIATE REGIONAL OFFICE OF THE FEDERAL AVIATION ADMINISTRATION

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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A001 . Issuance and Applicability

HQ Control: 11/16/2004

HQ Revision: 050

a. These operations specifications are issued to Barfield Inc., a Domestic Repair Station, pursuant to Title 14 Code of Federal Regulations (CFR) Section 145.53. The repair station certificate holder shall conduct operations in accordance with CFR Part 145 and these operations specifications.

The certificate holder's address:

Fixed Location:
1912 West 4th Street
Tempe, Arizona 85281

b. The holder of these operations specifications is the holder of Certificate Number XBI2995K and shall hereafter be referred to as the certificate holder.

c. These operations specifications are issued as part of this Repair Station Certificate, and are in effect as of the Date Approval is effective. This certificate and operations specifications shall remain in effect until the domestic repair station certificate is surrendered, suspended, or revoked.

d. The repair station specified on these operations specifications performs maintenance and/or alteration of aircraft and/or aeronautical products to be installed on aircraft under the terms and conditions of a Bilateral Aviation Safety Agreement and associated Maintenance Implementation Procedures between the Federal Aviation Administration and a Foreign National Aviation Authority identified in Advisory Circular 145-8, as revised.

e. The certificate holder is authorized to use only the business name which appears on the certificate to conduct the operations described in subparagraph a.

Delegated authorities: None

1. The Certificate Holder applies for the Operations in this paragraph.
2. Support information reference: Change in location
3. These Operations Specifications are approved by direction of the Administrator.



2010.09.23 11:48:51 Central Daylight Time
Location: WebOPSS
Digitally signed by Tommy J Vernon,
Principal Maintenance Inspector (WP07)

4. Date Approval is effective: 09/27/2010 Amendment Number: 8
5. I hereby accept and receive the Operations Specifications in this paragraph.

Khile, Ronald, FAA Accountable Manager, 145

A handwritten signature in black ink, appearing to read "R. Khile".

Date: 09/27/2010

**EASA Accountable
Manager**

The manager who has corporate authority for ensuring that all maintenance required by the customer can be financed and carried out to the standard required by the EASA full member Authority.

Limited Rating

Rating issued to repair stations for the performance of maintenance on particular makes and models of airframes, powerplants, propellers, radios, instruments, accessories, and/or parts.

**Limited Ratings -
Specialized Services**

Rating issued for a special maintenance function when the function is performed in accordance with a specification or data acceptable to the Administrator.

Line Maintenance

Any unscheduled maintenance resulting from unforeseen events; or scheduled checks where certain servicing and/or inspections do not require specialized training, equipment, or facilities.

Maintenance

The inspection, overhaul, repair, preservation, and the replacement of parts, but excludes preventive maintenance.

**Maintenance
Implementation
Procedures (MIP)**

Procedures for implementing the provisions of a BASA that apply to maintenance.

MOE

Maintenance Organization Exposition - Pertains to European Aviation Safety Agency member countries that use an MOE in place of a Repair Station Manual and a Quality Control Manual.

**Preventive
Maintenance**

As defined in Appendix A subparagraph (c) of 14 CFR Part 43.

QCM

Quality Control Manual

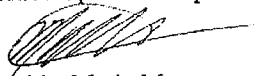
RSM

Repair Station Manual

**Substantial
Maintenance**

Any activity involving a C-check (routine airframe maintenance) or greater maintenance; any engine maintenance requiring case separation or teardown; and/or major alterations or major repairs performed on airframes, engines, or propellers.

1. Issued by the Federal Aviation Administration.
2. These Operations Specifications are approved by direction of the Administrator.


Villarrubia, Mario M.

Principal Avionics Inspector

WP07

3. Date Approval is effective: 3/15/05

Amendment Number: 3

4. I hereby accept and receive the Operations Specifications in this paragraph.


Bradley, Cal

Chief Inspector

Date: 3/15/05

A003. Ratings and Limitations

HQ Control: 01/30/04
HQ Revision: 010

The Certificate Holder is authorized the following Ratings and/or Limitations:

Class Ratings

Instrument Class 1: Mechanical
Instrument Class 2: Electrical
Instrument Class 3: Gyroscopic
Instrument Class 4: Electronic
Accessory Class 3: Electronic Accessories

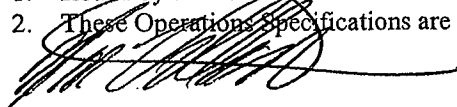
Limited Ratings

<u>Rating</u>	<u>Manufacturer</u>	<u>Make / Model</u>	<u>Limitations</u>
Accessories	From the Accepted Capabilities List	From the accepted Capability List, as amended.	Testing, repair, and/or overhaul of specific components by manufacturer, model, and part number, as listed on the accepted capabilities list in Appendix A of the repair station manual as amended.
Radio	From the Accepted Capabilities List	From the accepted Capability List, as amended.	Testing, repair, and/or overhaul of specific components by manufacturer, model, and part number, as listed on the accepted capabilities list in Appendix A of the repair station manual as amended.

Limited Ratings - Specialized Services

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
None Authorized.		

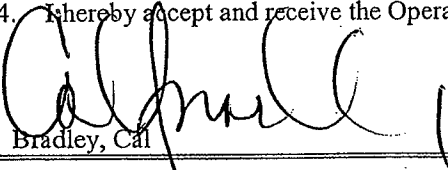
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1. Issued by the Federal Aviation Administration.
 2. These Operations Specifications are approved by direction of the Administrator.


Villarrubia, Mario M.

Principal Avionics Inspector

WP07

3. Date Approval is effective: 5/26/05 Amendment Number: 7
4. I hereby accept and receive the Operations Specifications in this paragraph.


Bradley, Cal

Chief Inspector

Date: 5/26/05

A004. Summary of Special Authorizations and Limitations

HQ Control: 9/23/1998
HQ Revision: 010

a. The certificate holder, in accordance with the reference paragraphs, is authorized to:

	<u>Reference Paragraphs</u>
Conduct operations choosing to have an antidrug and alcohol misuse prevention program.	A449

b. The certificate holder is *not authorized and shall not*:

Use Exemptions.	A005
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Use an approved electronic recordkeeping system, electronic/digital signature, and/or electronic media.	A025
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Perform maintenance with NAA ratings where the scope of work is authorized by a BASA/MIP.	A060
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Perform work, including continuous operations, at additional locations other than at its primary fixed location.	A101
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Perform maintenance in accordance with foreign repair station geographic authorizations.	B050
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Perform work, excluding continuous operations, at additional locations other than at its primary Fixed Location.	D100
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Perform line maintenance for cert. holders conducting operations under Parts 121 and 135 and for foreign carriers/persons operating U.S. registered aircraft in common carriage under Part 129, apart from D100 which authorizes that work away from station.	D107
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1. Issued by the Federal Aviation Administration.
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.


Gallo, Dominić Jr.

Principal Avionics Inspector

WP07

4. Date Approval is effective: 8/29/07

Amendment Number: 8

5. I hereby accept and receive the Operations Specifications in this paragraph.


Carbajal, Deann

FAA Accountable Manager, 145

Date: 8/29/07

A007. Designated Persons

HQ Control: 12/19/06
HQ Revision: 030

a. The personnel listed in the following table are designated to officially apply for and receive operations specifications for the certificate holder indicated below.

Table 1 – Designated Persons to Apply for and Receive Authorizations

Title	Name	Parts Authorized
FAA Accountable Manager, 145	Khile, Ronald	A
Chief Inspector	Arnett, Robert	A

b. The following personnel listed in Table 2 are designated by the certificate holder to receive Information for Operators (INFO) messages for the certificate holder as indicated below. A receipt for the information by an operator or person is not required.

Table 2 – Designated to Receive INFO Messages

Name	Email Address	Telephone No.	Type of Information to Receive
Robert Arnett	robert.arnett@barfieldinc.com	480-477-2004	All
Khile, Ronald	ronald.khile@barfieldinc.com	480-477-2000	All

1. Issued by the Federal Aviation Administration.
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.

Darting, Harry C.

Principal Maintenance Inspector

WP07

4. Date Approval is effective: 4/2/09

Amendment Number: 8

5. I hereby accept and receive the Operations Specifications in this paragraph.

Khile, Ronald



FAA Accountable Manager, 145

Date: 4/2/09

A449. Antidrug and Alcohol Misuse Prevention Program

HQ Control: 01/22/04
HQ Revision: 000

- a. The Part 145 repair station certificate holder has elected to implement an Antidrug and Alcohol Misuse Prevention Program, because the certificate holder performs safety-sensitive functions for a 14 CFR Part 121, and 135 certificate holder and/or for a 14 CFR Part 91 sightseeing operation as defined by 14 CFR §135.1(c).
- b. The certificate holder certifies that it will comply with the requirements of 14 CFR Part 121 appendices I and J and 49 CFR Part 40 for its Antidrug and Alcohol Misuse Prevention Program.
- c. Antidrug and Alcohol Misuse Prevention Program records are maintained and available for inspection by the FAA's Drug Abatement Compliance and Enforcement Inspectors at the location listed in Table 1 below:


Table 1

Location & Telephone of Antidrug and Alcohol Misuse Prevention Program Records:	
Telephone Number:	A2
Address:	
Address:	
City:	
State:	
Zip code:	

d. Limitations and Provisions.

- (1) Antidrug and Alcohol Misuse Prevention Program inspections and enforcement activity will be conducted by the Drug Abatement Division. Questions regarding these programs should be directed to the Drug Abatement Division.
- (2) The certificate holder is responsible for updating this operations specification when any of the following changes occur:
 - (a) Location or phone number where the Antidrug and Alcohol Misuse Prevention Program Records are kept.
 - (b) If the certificate holder's number of safety-sensitive employees goes to 50 and above, or falls below 50 safety-sensitive employees.
- (3) The certificate holder with 50 or more employees performing a safety-sensitive function on January 1 of the calendar year must submit an annual report to the Drug Abatement Division of the FAA.
- (4) The certificate holder with fewer than 50 employees performing a safety-sensitive function on January 1 of any calendar year must submit an annual report upon request of the Administrator, as specified in the regulations.

1. Issued by the Federal Aviation Administration.
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.


Sykes, Dale W.

Principal Maintenance Inspector

WP07

4. Date Approval is effective: 12/5/07 Amendment Number: 3
5. I hereby accept and receive the Operations Specifications in this paragraph:


Carbajal, Deann

FAA Accountable Manager, 145

Date: 12/5/07



APPROVAL CERTIFICATE

REFERENCE EASA.145.4240

Taking into account the provisions of Article 9(2) of Regulation (EC) N° 1592/2002 of the European Parliament and of the Council and the bilateral agreements currently in force between European Union Member States and the Government of the United States of America, the European Aviation Safety Agency (EASA) hereby certifies :

BARFIELD INC

FAA Repair Station Number: XBI2995K
1834 West 3rd Street
Tempe, Arizona 85281
USA

as a Part-145 maintenance organisation approved to maintain the products listed in the FAA Air Agency Certificate and associated Operations Specifications and to issue related certificates of release to service using the above reference, subject to the following conditions:

1. The scope of the approval is limited to that specified on the FAR Part 145 repair station Air Agency Certificate, and the associated Operations Specifications for work carried out in the USA (Unless otherwise agreed in a particular case by EASA).
2. This approval requires continued compliance with FAR Part 145 and the differences as specified in the Maintenance Implementation Procedures, including the use of the FAA Form 8130-3 for release/return to service of components up to and including powerplants.
3. Certificates of return to service must quote the EASA Part 145 approval reference number quoted above and the FAR Part 145 Air Agency Certificate number.
4. Subject to compliance with the foregoing conditions, this approval shall remain valid for an unlimited duration until the approval is surrendered, superseded, suspended or revoked.

Date of issue: 12th OCTOBER 2004

Signed

For EASA



European Aviation Safety Agency

The Quality Manager
BARFIELD INC
1834 West 3rd Street
Tempe, Arizona 85281
USA
Fax N°: 480 477 1999

Cologne, 14 January 2009

Ref. Letter: EASA D(2008)/L6/Rev 1/EASA.145.4240/FAA.XBI2995K/51988

Subject: Continuation of EASA Part-145 approval

Dear Sir or Madam,

Following a positive recommendation from the **FAA** the European Aviation Safety Agency hereby confirms the continued validity of your EASA Part-145 approval until **01 February 2011**, subject to continued compliance with FAR 145 and the EASA special conditions as detailed in the Bilateral Aviation Safety Agreement (BASA) and associated Maintenance Implementation Procedures (MIP):

BARFIELD INC

EASA Part-145 Approval certificate reference number:

EASA.145.4240

You are reminded that you will be required to submit your next continuation paperwork package in accordance with the MIP-G which is available on our web site at www.easa.europa.eu.

Yours faithfully,

A handwritten signature in black ink, appearing to read 'Colin Langley', is written over the typed name.

Colin Langley
Continuing Airworthiness Team Leader