

## Adicionales instalados en la Aeronave King Air B200

Accesorio	Equipamiento de Fabrica	Descripción
1.- TCAS II.	Versión TCAS I	El TCAS (siglas en inglés de Traffic alert and Collision Avoidance System; en español: «Sistema de alerta de tráfico y evasión de colisión») es un sistema embarcado que prevé posibles colisiones entre diferentes aeronaves y funciona independientemente a los servicios de tránsito aéreo. TCAS I: Solo proporciona alerta de tráfico (TA). TCAS II: Proporciona alerta de tráfico (TA) y resolución de conflictos (RA) solo en el plano vertical.

Accesorio	Equipamiento de Fabrica	Descripción
Unidad extra FMS	Solo 1 equipo instalado.	FMS son las siglas de Flight Management System, o lo que es lo mismo, sistema de gestión de vuelo. Es un sistema que se ha vuelto indispensable en la aviación moderna de hoy en día, ya que gestiona los diversos factores que afectan al vuelo del avión, tanto la ruta que tiene que seguir, como los niveles óptimos a los cuales volar para reducir el consumo y hacer un vuelo mucho más eficiente. Además el FMS nos va a gestionar y nos va a hacer predicciones del consumo del avión a lo largo de la ruta. Todo esto hace que el FMS disminuya considerablemente la carga de trabajo en cabina y haya desaparecido la figura del navegante de vuelo a bordo de los aviones.



Unidad FMS

Accesorio	Equipamiento de Fabrica	Descripción
<b>EXTINTORES EN MOTORES</b>	Sin extintores	En caso de fuego en los motores, cada uno cuenta con su propia botella extintora.



Cabina de Piloto



Botón Activación de Extintores

Accesorio	Equipamiento de Fabrica	Descripción
<b>ASIENTOS EN COMPARTIMIENTO DE CARGA Y MASCARILLAS DE OXIGENO.</b>	No incluidos	Al instalar los dos asientos adicionales se tiene que modificar las líneas de oxígeno, esto con el fin de colocar dos mascarillas extras en el compartimiento de carga.



Asientos adicionales

Accesorio	Equipamiento de Fabrica	Descripción
<b>WINGLET</b>	No incluido	Están diseñados para disminuir el arrastre ocasionado por los vórtices de punta de ala, por lo tanto incrementa la velocidad y mejora el rendimiento de combustible.



Winglets instalados

Accesorio	Equipamiento de Fabrica	Descripción
<b>STRAKES</b>	No incluido	Provee estabilidad direccional, un viaje más placentero para el pasajero, mejor control de vuelo para el piloto y mejora el rendimiento en el ascenso y crucero de la aeronave.



Strakes instalados

Accesorio	Equipamiento de Fabrica	Descripción
<b>CALENTAMIENTO A LOS FRENS</b>	No incluido	Sistema diseñado para proporcionar un frenado optimo en climas con temperaturas bajo cero. Este sistema funciona purgando una pequeña cantidad de aire caliente proveniente de la turbina, derritiendo el hielo que se pudiera formar antes del despegue o aterrizaje.



**Sistema de calentamiento de frenos en tren principal**

# AIRCRAFT DESCRIPTION FORM

**Request Date:**

**Trade-In Date:**

<b>Aircraft Serial #</b>	BB-200
Make/Model	B-200
Registration number	N37058 / XC-CLQ
Date of Mfg	10-30-2006
Date Entered Service	05-12-2006
Maint tracking pgm	DGAC#253/FAAUQXY990X
Current AF Hrs/ Ldg.	2239:2 /1841
Hrs Per Month flown	30
Last A/F Inspection	2206:25/1809
Smart Parts Acct #	

<b>APU S/N</b>	N / A		
Hours	N / A	Cycles	N / A
Model #	N / A	Last HSI c/w	N / A
MSP	Yes or No	Contract #	
<b>Weights</b>			
Gross	1259 lbs	BOW	8620 lbs
Empty	8945 lbs	Max Zero Fuel	1100 lbs
Max Take-Off	12500 lbs	Max Landing	12500 lbs
Date last weighed:	24-09-2014		

<b>L/H Engine serial #</b>	PCE-PJ 1009		
Model number	PT6A 42		
MSP or JSSI or ESP	Contract #		
Insp. Status	Insp.200 hrs, Phase 3-4		
Total Time	2268.5	Cycles	1868
Next HSI	3600	SHSI	408:40
Next OVH	N / A	SMOH	N / A
Due Items	710001	720001	720013

<b>R/H Engine serial #</b>	PCE-PJ 1010		
Model number	PT6A 42		
MSP or JSSI or ESP	Contract #		
Insp. Status	Insp.200 hrs Phase 3-4		
Total Time	2268.5	Cycles	1868
Next HSI	3600	SHSI	408:40
Next OVH	N / A	SMOH	N / A
Due Items	710001	720001	

<b>Avionics (list model #s of the units)</b>		<b>Qty</b>
FLT DIR.	Collins FGC 3000	1
Auto Pilot	Collins APS 3000	1
EFIS	Collins ProLine 21	1
VHF COM	CollinsVHF4000/MNT-125	2
NAV	CollinsNAV4500/MNT-125	2
XPNDR	Collins TDR – 94D	2
ADF	Collins NAV-4000	1
DME	DME 4000	1
FMS	FMS 3000	2
GPS	GPS 4000 A	2
AFIS		
SATCOM		
HF COM		
SELCAL		
FFONE		
RADAR	RTA - 852	1
RAD ALT	CollinsAL 4000/UMT-125	1
TCAS I or		
TCAS II or	Collins TTR – 400 D	1
TCAS II Chg7		
GWPS or		
EGWPS	MARKVIII <a href="#">965-1206</a>	1
LR-NAV	NAV 4000	1
FDR		
CVR	FA 2100	1
ELT	ARTEX C406 - 2	1
Other		

<b>Navigation Compliance</b>			
RVSM	yes	8.33 COM	yes
FM Immunity		MNPS	
RNP5	yes	RNP10	
<b>Interior/Exterior</b>			
<b>Fax Floor Plan to</b>			
Date of last refurb.	10-20-2006		
Date of last paint	10-20-2006		
Fire blocked	Yes	ok	No
Cabin certified for	9 passengers for Take off & Landing		
Interior installed with STC or 337 Field Approval? _____			
STC certification authority:	EASA	FAA	ok
Other (explain):	_____		
Post delivery installations STC or 337 Field Approval? _____			
STC certification authority:	EASA	FAA	ok
Other (explain):	_____		
<i>Additional Equipment (example - Airshow, Fax, Direct TV, etc)</i>			
<b>Damage History/FAA 337</b> Yes**                      No NO			

**\*\*Attach a separate description including copy of 337 or other supporting documentation**

**Completed By (Name & Title):** \_\_\_\_\_

**Company:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Contact number & Email address:** \_\_\_\_\_

## MAINTENANCE/INSPECTION ENTRIES

Aircraft Model B200 Serial Number BB-1958  
 Reg # N37058 Owner's Name \_\_\_\_\_

DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			

## Raytheon

### Aircraft Services

1980 Airport Rd. Wichita, KS. 67209 1-800-524-3387

#### AIRFRAME

AIRCRAFT MODEL: B 200 S/N: BB-1958 REG. #: N37058  
 DATE: 11-29-2006 FHM: 3.5 ACTT: 3.5 LNDGS: 4

1. INSTALLED ENGINE FIRE EXTINGUISHING KIT P/N 101-9005-3 S/N 143.IAW KIT DRAWINGS # 101-9005 REV. B. R/H FIRE BOTTLE P/N 30301102,S/N 55834B1, L/H FIRE BOTTLE P/N 30301102,S/N 55943B1 BOTH BOTTLES MFG DATE OF 10-6-2006, WITH SQUIBS SERVICE DATE OF 10-6-2006. NOTE FIRE BOTTLES CAME IN FIRE EXTINGUISHING KIT.
2. INSTALLED STC SA3219NM WHICH IS THE INSTALLATION OF LOWER AFT FUSELAGE STRAKES IN ACCORDANCE WITH FAA APPROVED RAISBECK ENGINEERING DRAWING LIST R81-1004,INITIAL RELEASE OR LATER FAA APPROVED REVISION. INSERTED FAA-APPROVED PILOT'S OPERATING HANDBOOK AND AIRPLANE FLIGHT MANUAL SUPPLEMENT DOCUMENT NO. 85-111 REV. B DATED SEPTEMBER 2000, IN POH FOR AIRCRAFT. NO WEIGHT AND BALANCE CHANGE.
3. INSTALLED AVIATION FABRICATORS STC SA00635WI WHICH IS A JUMP SEAT INSTALLATION PER AVIATION FABRICATORS,INC., STC DRAWING LIST AF-251-2,REVISION (B) DATED SEPTEMBER 10-05-00 OR LATER FAA APPROVED REVISION. A NEW WEIGHT AND BALANCE COMPUTED PER WEIGHT AND BALANCE INFORMATION PROVIDED BY HOLDER OF STC. INSERTED INTO POH/AFM. NOTE: REFER TO AIRCRAFT FLIGHT MANUAL FOR OCCUPANT WEIGHT AND BALANCE CALCULATIONS.
4. FABRICATED DRESS COVERS USING HAZELNUT LEATHER VO-4013,SEE FAA 8110-3 SIGNED BY CARIN DEMUS DERY-405143-CE, DATED 11-29-2006 FOR BURN CERTS.FABRICATED PRIVACY CURTAIN USING WOODLAND ELAN 5 6016-04 MATERIAL, SEE FAA 8110-3 SIGNED BY CARIN DEMUS DERY-405143-CE, DATED 11-29-2006 FOR BURN CERTS. JUMP SEAT BELTS RE-WEBB, SEAT BELTS TO MATCH INTERIOR COLOR BELTS RE-WEBB BY AIRCRAFT BELTS CRS YB1R632K.

I CERTIFY THAT WITH RESPECT TO THE WORK PERFORMED THIS AIRCRAFT/ENGINE/PROPELLER OR APPLIANCE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND IS IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE.

FAA CERTIFIED REPAIR STATION BWVR672C

EASA CERTIFIED REPAIR STATION 145.5086

AUTHORIZED SIGNATURE: David McCorkle QUALITY CONTROL INSPECTOR  
 DAVID MCCORKLE

RAS WORK ORDER(S): 05-05-44

**Beech**  
**Hawker**

**Model:** B200      **A/C Serial Number:** BB-1958      **Registration Number:** N37058

**EXTERIOR PAINT:**

Desoto White F17865  
Sherwin Williams Black Metallic M06070  
Sherwin Williams Light Saddle Metallic M06166  
Sherwin Williams Medium Gray A07977

**INTERIOR PAINT:**

Hazelnut CA8271/I7066  
Neutral CA8271/I7083  
Birch CA8271/I7178

**Key No. 7MA001233AH**

**INSPECTION STATUS**

In accordance with the requirements of FAR 91.409, this aircraft will be operated and maintained on a current inspection program recommended by the manufacturer (FAR 91.409 Par. F, Option 3).

**RVSM COMPLIANCE STATEMENT**

This airplane has been demonstrated to meet the requirements of 14CFR Part 91 Appendix G and qualified for flight operations in Reduced Vertical Separation Minimum (RVSM) designated airspace. This does not constitute operational approval.

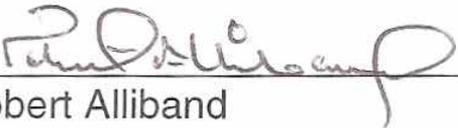
**STC'S**

This aircraft has the following STC's incorporated into the production of this Unit at build:

1. ST01278SE Group airplane approval for Reduced Vertical Separation Minimum – (RVSM)

**AIRWORTHINESS CERTIFICATE**

I have inspected this aircraft and issued a STANDARD Airworthiness Certificate Dated 10-30-2006. Time: 3.4 Landings: 4

  
\_\_\_\_\_  
Robert Alliband  
For Raytheon Aircraft Company  
DOA-230339-CE

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

No. E410839

# 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 A24CE, E4EA, P10NE 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: RAYTHEON AIRCRAFT COMPANY  
Wichita, Kansas

Model: B200

Serial No.: BB-1958

New  Newly Overhauled

Used Aircraft

Country to which exported: Mexico

Exceptions:

The Model B200 aircraft, Serial No. BB-1958, covered by this certificate conforms to FAA Model B200 Type Certificate A24CE, Revision 91 or subsequent, and is found to be in a condition for safe operation.

AIRCRAFT TIME: 8.1  
ENGINES LH & RH TIME: 8.1  
PROPELLERS LH & RH TIME: 8.1

ENGINES INSTALLED:  
2 Pratt & Whitney A/C Canada, PT6A-42,  
Serial Nos. PCE-PJ1009 and PCE-PJ1010.

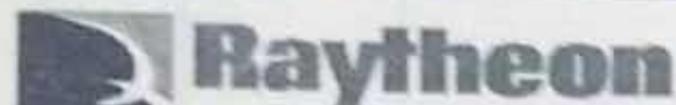
PROPELLERS INSTALLED:  
2 Hartzell, HC-E4N-3G (Hub), Serial Nos.  
HH2478 and HH2493, D9390SK-1R (Blades).

  
Arnold H. Hoffman  
Signature of Authorized Representative

DEC 05 2006  
Date

DART  
501373-CE  
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.



AIRCRAFT SERVICES MEXICO S. de R. L. de C. V.

BITACORA DE PLANEADOR

MAT.	XC-CLQ	FABRICANTE	RAYTHEON	MODELO	B200	N/S	BB-1958
O. T.	7365	HOROMETRO	15.5 Hr.	ATERRIJAJES	UNK	FECHA	ENE-13-2007

**SE ATENDIERON LAS SIGUIENTES DISCREPANCIAS:**

- 1.2 INSTALACION DE "WINGLET SYSTEM " EN LA AERONAVE: SE REMOVIO AMBOS ALERONES PARA TRABAJOS DE LAMINISTERIA. SE EFECTUO BALANCE DE ALERON IZQUIERDO Y DERECHO; QUEDANDO DENTRO DE LIMITES SEGUN M/M CAP. 57-00. SE INSTALO WINGLET SYSTEM SEGUN WINGTIP AND WINGLET INSTALLATION MANUAL FOR BEEHCRAFT KING AIR 200/300. DOCUMENT BLR200-700 STC NUMBER: SA01615SE REV. H. SE INSTALO ALERONES AMBAS SEMI-ALAS SEGUN M/M. CAP. 27-10-00.
- 1.2 APLICACION DE PINTURA BASICA Y DE DISENO: SE APLICO PINTURA SEGUN DISEÑO BASICODE ACUERDO A M.M CAP. 20-00.
- 1.3 PESO Y BALANCE DE LA AERONAVE UNA VEZ CONCLUIDAS LAS MODIFICACIONES: SE REALIZO CALCULO DE PESO Y BALANCE (MODIFICACIONES TERMINADAS) POR LA GERENCIA DE INSPECCION, ENCONTRANDOSE DENTRO DE LIMITES EN ACUERDO AL MANUAL DE PESO Y BALANCE. SE ANEXA CERTIFICACION.

ESTA AERONAVE FUE INSPECCIONADA DE ACUERDO AL MANUAL DE MANTENIMIENTO DEL FABRICANTE Y FUE CONSIDERADA EN CONDICION AERONAVEGABLE PARA LOS TRABAJOS REALIZADOS, LOS DETALLES SE ENCUENTRAN EN LA ORDEN DE TRABAJO 7365.

RESPONSABLE DE TALLER:

ING. JOSE ENRIQUE ZAVALA CARRERA, 253-294/2003, D. G. A. C. 253. F.A.A. CRS# UQXY990X.  
RAYTHEON AIRCRAFT SERVICES, TOLUCA, EDO. DE MEXICO, TEL. (722) 279-16-85