



ATTACHMENT 3

AIRWORTHINESS GROUP CHAIRMAN'S FACTUAL REPORT

ERA12MA122

N5016M MAINTENANCE RECORDS

Maintenance Due Report - Grouped By A/C

DIXIE JET & ROTOR SERVICE

12/28/2011

Cal. Limits: 05/28/2012 Non-Cal. Limits Based on : 100 A/C Hrs. 3000 A/C Cyc. 300 RINs

Airframe: N5016M Serial: 2636 Hours: 11174.70 Cycles: 207 Hobbs: 1026.4

Engine 1 CAE823037 Hours: 11220.40 CYCLES: 11238.00

Hour Limit Group

Reg/Ser	Name / Insp. Desc.	Part #	Serial #	ATA	Item/ Pos.	Service Life	Time @ Install	Last Done/ Installed	Time Remaining	Due At	Projected Date
N5016M	10 to 25 Hour Torqu			12		25	HR:IN	11170.10	20.40 Hrs	11195.10	N/A
** N5016M	50 Hour/12 Month Lu			12		50	HR:IN	11170.10	45.40 Hrs	11220.10	N/A
CAE823037	100 HOUR: ENGINE			05	NO	100	HR:IN	11215.80	95.40 Hrs	11315.80	N/A
N5016M	100 hour Intergrate			12		100	HR:IN	11170.10	95.40 Hrs	11270.10	N/A
** N5016M	100 Hour/ 12 Lubric			12		100	HR:IN	11170.10	95.40 Hrs	11270.10	N/A
** N5016M	100 HOUR/ ANNUAL: AIRFRAME			05:01	NO	100	HR:IN	11170.10	95.40 Hrs	11270.10	N/A

Cycle Limit Group

Reg/Ser	Name / Insp. Desc.	Part #	Serial #	ATA	Item/ Pos.	Service Life	Time @ Install	Last Done/ Installed	Time Remaining	Due At	Projected Date
** CAE823037	1ST STAGE WHEEL	23073853	X529203	12		3000	CY:RT	0.00	11053.00	2815 CY	14053.00 N/A
** CAE823037	2ND STAGE WHEEL	23073854	X511267	12		3000	CY:RT	0.00	11053.00	2815 CY	14053.00 N/A

Calendar Limit Group

Reg/Ser	Name / Insp. Desc.	Part #	Serial #	ATA	Item/ Pos.	Service Life	Time @ Install	Last Done/ Installed	Time Remaining	Due At	Projected Date
** CAE823037	200 HOUR OR 6 MONTH: FACET FILTER REPLACE			05	NO	6	MO:IN	08/01/2011	63 Days	02/29/2012	02/29/2012
** N5016M	BATTERY	G-641	G02261314	24		6	MO:IN	08/01/2011	63 Days	02/29/2012	02/29/2012

Date: 12/28/11

DIXIE JET & ROTOR SERVICE

Page 1

Time: 09:56:21

Maintenance Tracking Report

Aircraft Tail Number: N5016M

Description: Luhrs

Mfr.: BELL

Model No.: 206Bill

Serial No.: 2636

Last Flight: 12/25/11

Hours: 11174.70

Hobbs: 1026.4

Cycles: 207

Rins: 0

This Report is Ordered By: ATA Code

Non-Calendar Items

ATA/Item Code	Item/ POS.	Component Name	Part #	Serial #	Service Life	Airframe Times		Component Hours/Cycles			
						Installed/Completed At	Complied/ Due At	Since New	Since Overhaul	At Installation	Remaining
24: :		STARTER GENERATOR	23032-018	13167	300IN	11068.30	11368.30	106.40	N/A	0.00	193.60
		STARTER GENERATOR	23032-018	13167	1000OH	11068.30	12068.30	106.40	106.40	0.00	893.60
		BATTERY	G-641	G02261314	CM	11138.00	N/A	36.70	N/A	0.00	0.00
		BATTERY	G-641	G02261314	400IN	11170.10	11570.10	4.60	N/A	0.00	395.40
29: :		HYDRAULIC PUMP	206-076-022-101	05196	3600OH	10162.80	13761.50	1013.20	1013.20	1.30	2586.80
		SERVO COLL	206-076-031-017	RH-0540	3600OH	9634.00	13234.00	1540.70	1540.70	0.00	2059.30
		SERVO R/H CYCLIC	206-076-031-017	RH1568	3600OH	9988.80	13588.80	1185.90	1185.90	0.00	2414.10
		SERVO L/H CYCLIC	206-076-031-017	RH1657	3600OH	10322.80	13922.80	851.90	851.90	0.00	2748.10
		SERVO SUPPORT	206-001-566-101	HR368	10000RT	9988.80	19988.80	1185.90	N/A	0.00	8814.10
62: :		M/ROTOR BLADE	206-010-200-033	CS-1146	5000RT	9197.10	12748.60	3426.10	N/A	1448.50	1573.90
		M/ROTOR BLADE	206-010-200-033	CS1109	5000RT	9171.10	12722.60	3452.10	N/A	1448.50	1547.90
62:01:		M/R HUB	206-011-100-21	12168	1200OH	10957.50	12157.50	11080.80	217.20	0.00	982.80
05: :		GRIP	206-011-132-121A	AFS6710	4800RT	9576.80	14376.80	1597.90	N/A	0.00	3202.10
		M/R TRUNNION	206-011-113-103	A4395	4800RT	10957.50	15757.50	217.20	N/A	0.00	4582.80
		M/R YOKE	206-011-101-129	HBFS20	OC	10957.50	N/A	217.20	N/A	0.00	0.00
		RETENTION STRAP	206-011-154-105	LPFS32116	1200RT	11170.10	12370.10	4.60	N/A	0.00	1195.40
		RETENTION STRAP	206-011-154-105	LPFS32117	1200RT	11170.10	12370.10	4.60	N/A	0.00	1195.40
		RETENT STRAP FITTING	206-011-140-001	AFS29165	1200RT	10872.30	12072.30	302.40	N/A	0.00	897.60
		RETENT STRAP FITTING	206-011-040-001	29192	1200RT	10872.30	12072.30	302.40	N/A	0.00	897.60
		RETENTION STRAP PIN	206-011-123-003	AFS23049	1200RT	10872.30	12072.30	302.40	N/A	0.00	897.60
		RETENTION STRAP PIN	206-011-123-003	AFS22963	1200RT	10872.30	12072.30	302.40	N/A	0.00	897.60
		LATCH BOLT	206-011-260-103	SU3409	2500RT	9746.90	12173.40	1501.30	N/A	73.50	998.70
		LATCH BOLT	206-011-260-103	SU3544	2500RT	9746.90	12173.40	1501.30	N/A	73.50	998.70
62:01:		SWASHPLATE	206-010-450-011	GDJG10192	300IN	11170.10	11470.10	1185.90	N/A	0.00	295.40
		SWASHPLATE	206-010-450-011	GDJG10192	4800OH	9988.80	14788.80	6948.80	1185.90	0.00	3614.10
04: :		SWASHPLATE SLEEVE	206-010-454-109	RE6181	4800RT	9988.80	14788.80	1185.90	N/A	0.00	3614.10
05: :		SWASHPLATE SUPPORT	206-010-452-113	A479	4800RT	10957.50	15757.50	217.20	N/A	0.00	4582.80
		COLLECTIVE LEVER	206-010-467-001	RE6194	4800RT	9988.80	14788.80	1185.90	N/A	0.00	3614.10
		COLLECTIVE IDLER LINK	206-010-407-001	TKFS113	4800RT	9988.80	14788.80	1185.90	N/A	0.00	3614.10

Date: 12/28/11

DIXIE JET & ROTOR SERVICE

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Time: 09:56:21

Maintenance Tracking Report

Aircraft Tail Number: N5016M

Description: Luhrs

Mfr.: BELL

Model No.: 206BIII

Serial No.: 2636

Last Flight: 12/25/11

Hours: 11174.70

Hobbs: 1026.4

Cycles: 207

Rins: 0

This Report is Ordered By: ATA Code

Non-Calendar Items

ATA/Item Code	Item/ POS.	Component Name	Part #	Serial #	Service Life	— Airframe Times —		— Component Hours/Cycles —			
						Installed/Complied/ Completed At	Due At	Since New	Since Overhaul	At Installation	Remaining
63: :		MAST ASSY	206-010-332-017	FAJF56083	1500IN	10872.30	12372.30	9758.50	N/A	0.00	1197.60
		MAST ASSY	206-010-332-017	FAJF56083	3000OH	10872.30	13872.30	9758.50	302.40	0.00	2697.60
		TRANSMISSION	206-040-002-025	BKW850	1500IN	10957.50	12457.50	12157.40	N/A	0.00	1282.80
		TRANSMISSION	206-040-002-025	BKW850	4500OH	10957.50	15457.50	12157.40	217.20	0.00	4282.80
65: :		T/R BLADE	206-016-201-131	CS9032V	2500RT	10957.50	13457.50	217.20	N/A	0.00	2282.80
		T/R BLADE	206-016-201-131	CS9031V	2500RT	10957.50	13457.50	217.20	N/A	0.00	2282.80
		T/R GEARBOX	206-040-400-013	ALO12770	3000IN	10751.90	13751.90	9308.90	N/A	0.00	2577.20
		T/R GEARBOX	206-040-400-013	ALO12770	6000OH	7753.40	13753.40	9308.90	3421.30	0.00	2578.70
: :		DUPLEX BEARING	206-040-410-003		OC	7753.40	N/A	3421.30	N/A	0.00	0.00
65: :		T/R HUB	206-011-810-125	CHLG50951	2500OH	9076.60	11576.60	6893.90	2098.10	0.00	401.90
29: :		T/R YOKE	206-011-819-105	AFS6829	5000RT	9076.60	14076.60	2098.10	N/A	0.00	2901.90
		T/R TRUNNION	206-010-812-5		OC	9076.60	N/A	6893.90	N/A	4795.80	0.00
65: :		FREE-WHEELING UNIT	206-040-270-003	BMB10924	1500IN	10957.50	12457.50	11214.30	N/A	0.00	1282.80
		FREE-WHEELING UNIT	206-040-270-003	BMB10924	3000OH	8329.00	11329.00	11214.30	2845.70	0.00	154.30
: :		Clutch	CL42250-1	6423	3000RT	8329.00	11329.00	2845.70	N/A	0.00	154.30
67: :		LOWER COLL TUBE	206-001-194-001	TYFS4405	4800RT	9614.40	14414.40	1560.30	N/A	0.00	3239.70

Date: 12/28/11

DIXIE JET & ROTOR SERVICE

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Time: 09:56:21

Maintenance Tracking Report

Aircraft Tail Number: N5016M

Description: Luhrs

Engine #1

Mfr.: Rolls Royce	Model No.: 250-C20J	Serial No.: CAE823037	Last Flight: 12/25/11
Hours: 11220.40	Cycles: 11238.0		

This Report is Ordered By: ATA Code

Non-Calendar Items

ATA/Item Code	Item/POS.	Component Name	Part #	Serial #	Service Life	Engine Times		Component Hours/Cycles			
						Installed/Completed At	Due At	Since New	Since Overhaul	At Installation	Remaining
72: :	5	COMPRESSOR	6890550	CAE823037	300IN	11215.80	11515.80	12587.60	N/A	0.00	295.40
	5	COMPRESSOR	6890550	CAE823037	3500OH	11053.30	14553.30	12750.10	167.10	0.00	3332.90
:	5	IMPELLER	23058147	kr111115	9150CY:RT	11053.0	20203.0	185.0	N/A	0.0	8965.00
	5	IMPELLER	23058147	kr111115	3550RT	11053.30	14603.30	167.10	N/A	0.00	3382.90
72: :	5	CASE HALVES	23057142		OC	10568.90	N/A	651.50	N/A	0.00	0.00
73: :	4	GEARBOX ASSY.	23001923	CAE823037	OC	11053.30	N/A	167.10	N/A	0.00	0.00
74: :	6	TURBINE	23038241	CAT80159	1750IN	11053.30	12803.30	4453.50	N/A	0.00	1582.90
	6	TURBINE	23038241	CAT80159	3500OH	11053.30	14553.30	4453.50	167.10	0.00	3332.90
:	6	1ST STAGE WHEEL	23073853	X529203	3000CY:RT	11053.0	14053.0	185.0	N/A	0.0	2815.00
	6	1ST STAGE WHEEL	23073853	X529203	1775RT	11053.30	12828.30	167.10	N/A	0.00	1607.90
	6	2ND STAGE WHEEL	23073854	X511267	3000CY:RT	11053.0	14053.0	185.0	N/A	0.0	2815.00
	6	2ND STAGE WHEEL	23073854	X511267	1775RT	11053.30	12828.30	167.10	N/A	0.00	1607.90
	6	3RD STAGE WHEEL	23001967	X542805	6000CY:RT	11053.0	17053.0	185.0	N/A	0.0	5815.00
	6	3RD STAGE WHEEL	23001967	X542805	4550RT	11053.30	15603.30	167.10	N/A	0.00	4382.90
	6	4TH STAGE WHEEL	6853279	HX75395	6000CY:RT	11053.0	16678.0	560.0	N/A	375.0	5440.00
	6	4TH STAGE WHEEL	6853279	HX75395	4550RT	11053.30	14740.80	1029.60	N/A	862.50	3520.40
	6	Tie Bolt	2300802020		9000CY:RT	10472.0	18273.0	1965.0	N/A	1199.0	7035.00
75: :	7	FUEL CONTROL	23070606	BR58697	1500IN	11053.30	12553.30	167.10	N/A	0.00	1332.90
	7	FUEL CONTROL	23070606	BR58697	2500OH	11053.30	13553.30	167.10	167.10	0.00	2332.90
	8	GOVERNOR	23076061	BR45361	2000OH	11053.30	13053.30	167.10	167.10	0.00	1832.90
	9	FUEL PUMP	23070459	JG04AKV1286	4000OH	11053.30	15053.30	167.10	167.10	0.00	3832.90
	10	FUEL NOZZLE	23077068	AG59251	2500OH	11053.30	13553.30	167.10	167.10	0.00	2332.90
	11	BLEED VALVE	23053176	RG15060	1500OH	11053.30	12553.30	167.10	167.10	0.00	1332.90

**DIXIE JET & ROTOR SERVICE
C.A.L.M. Airframe Inspection Report**

Airframe	Airframe Tail #	N5016M	Airframe	Hours:	11174.70
	Model:206BIII	Cycles: 207			

ATA Code	Inspection	Item	W/O #	Based on	Service Life	Last Inspection Date	Last Inspection Time	Since Last Inspection	Due At	Period to Next Insp.
:	:	1 TO 5 HOUR TORQUE CHECK M/R MAST NUT		Hours Cycles Days Months	5.00	08/23/2011	11171.10	This is a One Time Inspection, and Has Been Complied With.		
:	:	10 TO 25 HOUR TORQUE CHECK T/ROTOR DISK PACK		Hours Cycles Days Months	25.00	08/01/2011	11170.10	4.60	11195.10	20.40
:	:	100 HOUR INTERGRATED FLIGHT AIRCONDIONING INSP		Hours Cycles Days Months	100.00	08/01/2011	11170.10	4.60	11270.10	95.40
05 :01 :		100 HOUR/ ANNUAL AIRFRAME	NO	Hours Cycles Days Months	100.00	08/01/2011	11170.10	4.60	11270.10	95.40
				Months	12	08/01/2011			08/31/2012	247 Da.
05 :02 :		300 HOUR AIRFRAME	NO	Hours Cycles Days Months	300.00	05/13/2009	11116.80	57.90	11416.80	242.10
05 :03 :		1200 HOUR AIRFRAME	NO	Hours Cycles Days Months	1200.00	01/14/2003	10957.50	217.20	12157.50	982.80
05 :06 :		12 MONTH AIRFRAME	NO	Hours Cycles Days Months	12	08/01/2011			08/31/2012	247 Da.

DIXIE JET & ROTOR SERVICE
C.A.L.M. Airframe Inspection Report

	Airframe Tail #	N5016M	Airframe	Hours: 11174.70
Airframe	Model: 206BIII	Cycles: 207		

ATA Code Inspection	Item	W/O #	Based on	Service Life	Last Inspection Date	Last Inspection Time	Since Last Inspection	Due At	Period to Next Insp.
05 :07 : 24 MONTH FLIGHT CONTROL BOLTS	NO		Hours Cycles Days Months	24	08/01/2011			08/31/2013	612 Da.
05 :12 : 600 OR 12 MONTHS -015 DRIVESHAFT	NO		Hours Cycles Days Months	600.00	08/01/2011	11170.10	4.60	11770.10	595.40
05 :13 : 1200 HOUR OR 24 MONTH TAIL ROTOR CONTROL TUBE	NO		Hours Cycles Days Months	12	08/01/2011			08/31/2012	247 Da.
05 :17 : 1500 HOURS OF COMPONENT OPERATION MAIN ROTOR MAST	NO		Hours Cycles Days Months	1200.00	08/01/2011	11170.10	4.60	12370.10	1195.40
05 :18 : 1500 HOURS OF COMPONENT TIME TRANSMISSION	NO		Hours Cycles Days Months	1500.00	01/20/2000	10872.30	302.40	12372.30	1197.60
05 :20 : 3000 HOUR OF COMPONENT OPERATION TAIL ROTOR GEARBOX	NO		Hours Cycles Days Months	1500.00	07/26/2002	10957.50	217.20	12457.50	1282.80
12 : : 200 HR/ 12 MONTH TRANS OIL CHANGE Mobil 254			Hours Cycles Days Months	3000.00	08/28/1998	10751.90	422.80	13751.90	2577.20
			Hours Cycles Days Months	200.00	08/01/2011	11170.10	4.60	11370.10	195.40
			Hours Cycles Days Months	12	08/01/2011			08/31/2012	247 Da.

DIXIE JET & ROTOR SERVICE
C.A.L.M. Engine Inspection Report

Engine	Engine Serial #	CAE823037	Engine	Hours: 11220.40
	Model: 250-C20J	Cycles: 11238.0		

ATA Code	Inspection	Item	W/O #	Based on	Service Life	Last Inspection Date	Last Inspection Time	Since Last Inspection	Due At	Period to Next Insp.
:	:	800 HOUR FACET OIL FILTER	NO	Hours Cycles Days Months	800.00	08/23/1998	10689.30	531.10	11489.30	268.90
:	:	COMPLY WITH 300/12 MONTH ENG OIL CHANGE Mobile 254		Hours Cycles Days Months	300.00	08/01/2011	11215.80	4.60	11515.80	295.40
					12	08/01/2011			08/31/2012	247 Da.
05 :	:	100 HOUR ENGINE	NO	Hours Cycles Days Months	100.00	08/01/2011	11215.80	4.60	11315.80	95.40
05 :	:	300 HOUR ENGINE	NO	Hours Cycles Days Months	300.00	06/25/2008	11114.00	106.40	11414.00	193.60
05 :	:	200 HOUR OR 6 MONTH FACET FILTER REPLACE	NO	Hours Cycles Days Months	200.00	08/01/2011	11215.80	4.60	11415.80	195.40
					6	08/01/2011			02/29/2012	63 Da.



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

Form Approved
DMS No. 2129-0020
22-00011

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 hereof) 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 N5016M	Serial No. 2636	
	Make Bell	Model 206B	Series
2. Owner	Name (As shown on registration certificate) ABRAHAM HOLDINGS LLC		
	Address (As shown on registration certificate) Address 1314 King Street		
	City Wilmington		State Delaware
	Zip 19801	Country USA	

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 Bragg Avionics, Inc.		<input type="checkbox"/> U. S. Certificated Mechanic	<input type="checkbox"/> Manufacturer
Address 855 St. Johns Bluff Rd.		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
City Jacksonville State FL		<input checked="" type="checkbox"/> Certificated Repair Station	
Zip 32225 Country USA		<input 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 12-16-11
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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	<input checked="" type="checkbox"/>	Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. [REDACTED]	Signature/Date of Authorized Individual 12-16-11
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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.)

N5016M

12-16-11

Nationality and Registration Mark

Date

Removed existing King KT76A transponder, rack and plug from avionics stack. Fabricated new wiring harness and installed Garmin GTX328 Mode S Transponder in same location. Interfaced unit with existing blind encoder, circuit breaker, and antenna. Replaced transponder coax with RG400. Reassembled aircraft, ramp tested, all ok. Programed unit for aircraft. I certify that the transponder test, including data correspondence, required by FAR 91.413, 91.411, and 91.217 have been performed and found to comply with FAR 43, Appendix "E" and "F". The encoder data correspondence was tested to to 20,000 feet.

There is no preventative maintenance required on the installed equipment. The unit(s) are installed in accordance with the factory installation manual(s). Garmin 190-00420-04 Rev. C, 03/07. This installation was accomplished in accordance with: AC 43.13-1B, Chapter 11, Section 3, paragraph 11-30, 11-31, 11-32, Section 4, paragraph 11-47, 11-48, 11-49, 11-50(a), Section 5, paragraph 11-66(a)(b)(c)(d), 11-67(a)(b)(c)(d)(e), Section 6, paragraph 11-76(a)(b)(c), Section 7, paragraph 11-85(a)(b)(c) 11-89, Section 8, paragraph 11-96(a)(d)(f)(g)(q)(bb)(dd)(ff)(gg), Section 9, paragraph 11-115, 11-116, 11-117(a)(b) 11-118(a)(b)(c) 11-120, Section 15, paragraph 11-186(a)(e)3, Chapter 12, Section 2, paragraph 12-20 (a)(b). AC 43.13-2B. Chapter 1, paragraph 106 (a)2, paragraph 108(a)(b)(c), paragraph 111.

A ground test was performed and found satisfactory.

This installation will not cause a hazard to other aircraft systems, or operation of the aircraft, or its occupants.

The calculated electrical load remains within 80% of the system capacity.

The aircraft weight and balance has been revised.

1. Introduction: Garmin GTX328.
2. Description: Garmin GTX328 is a mode S transponder.
3. Control Ops Info: Consult owner's manuals for OPS.
4. Service Information: Unit(s) will notify operator of service needs.
5. Maintenance Information: Unit(s) will notify operator of any failures.
6. Trouble Shooting Information: Unit(s) has self test.
7. Removal and Replacement Information: Power off, unscrew remove, reverse to install.
8. Diagrams: None
9. Special Inspections: None
10. Application of Special Treatments: None
11. Data Relative: None
12. List of Special Tools: None
13. Commuter Category Requirements: None
14. Recommended Overhaul Periods: None
15. Airworthiness Limitations: None
16. Revision: For any revisions to these instructions for continued airworthiness, a letter will be submitted to the local FAA FSDO.

END

Additional Sheets Are Attached

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

Form Approved
OMB No. 2120-0020
For FAA Use Only
Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$ 1000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make BELL	Model 206B
	Serial No. 2636	Nationality and Registration Mark USA N5016M
2. Owner	Name (As shown on registration certificate) ABRAHAM HOLDINGS LLC	Address (As shown on registration certificate) 1314 KING STREET ALACHUA, FL 32616 USA
	CHRISTIANA BANK & TRUST BLDG.	

3. For FAA Use Only

4. Unit Identification

5. Type

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	(As described in Item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
ORLANDO AIRCRAFT SERVICES 601 HUMPHRIES AVE. ORLANDO, FL 32803	<input type="checkbox"/> U. S. Certified Mechanic	[REDACTED]
	<input type="checkbox"/> Foreign Certified Mechanic	
	<input checked="" type="checkbox"/> Certified 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 JUN 10 2003	Signature of Authorized Individual JOHN A WEBB
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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 Fit Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection JUN 10 2003		Certificate or Designation No. [REDACTED]	Signature of Authorized Individual JOHN A WEBB	

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.)

USA N5016M

Removed Garmin GPS-100 and Bendix/King KY-196 Com completely from helicopter.

Installed Garmin GNS-430 COM/NAV/GPS S/N 97116322 in their place using existing antenna and wiring.

Instructions for continued airworthiness are "on condition" only.

Connected primary power to circuit breaker and labeled appropriately.

Electrical load computed and found to be within acceptable limits.

Weight and balance changed and entered in aircraft papers.

Revised equipment list to show alterations.

Equipment installed, checked, and compass compensated in accordance with FAR 23-1301, 1309, 1327, and 1431.

This installation made in accordance with manufacturer's installation manuals and:

AC-43.13-1B Chapter 7 - Sections 1, 2, 3, 4, 5, and 11
Chapter 10
Chapter 11 - Sections 3 Thru 17, 19, and 20
Chapter 12 - Sections 1, 2, 3, and 4

AC-43.13-2A Chapter 2, 3

AC-20-138 Appendix 1

This data is approved by reference to previous approvals as authorized by FAA letter dated 4/13/95.

Placard: "GPS not approved for IFR" installed in clear view of the pilot.

END

ADDITIONAL SHEETS ARE ATTACHED

Inspection - Maintenance - Overhaul Record Engine Assembly



Rolls-Royce

DIXIE JET & ROTOR SERVICES

Reg: N5016M
S/N: 2636

Work Order: 2411
ACTT: 11,170.1

Date: 8-23-2011
Engine TT: 11,215.8

Make Bell
Hobbs: 1021.8

Model: 206B
Eng cycles: 11,233.0

Enc

Complied with 100 hour engine inspection per Rolls Royce 250-C20B Operation & Maintenance Manual 72-00-00.
Complied with 300 hour/12 month compressor case inspection per Rolls Royce 250-C20B Operation & Maintenance Manual 72-00-00.
Drained engine oil & serviced with Mobil 254
Replaced Facet filter & seals with new p/n 038088-08 & 1741118
Cleaned oil filter, #6 & 7 oil screen, chip detectors, fuel nozzle, burner drain valve & turbine oil check valve
Complied with satisfactory turbine oil flow check (120 cc)
Bleed oil & fuel systems
Performed compressor wash
Ground ran & leak checked engine, no defects were noted.

I certify the above maintenance/inspection was performed IAW current Federal Aviation Regulations. All inspections were performed IAW Rolls Royce 250-C20 Series Operation & Maintenance Manual & FAR-91.409 (f) (3). Only the items specified in the Work Order have been inspected and found to be Airworthy and is Returned to Service. No other representations concerning Airworthiness are expressed or implied.

Authorized Signature _____
Date: 8-23-2011

Printed Name: Robert Williams
CRS: Dixie Jet & Rotor Service LLC XRJR055B
