

HELICOPTER MODEL: **BELL 206 B3**

ENGINE MODEL: **Rolls Royce Allison 250 C20B**

MARKS: **EC-JDF** SERIAL NUMBER: **2800**

Total Time:

3740:00

Situation of the:

21-09-07

Engine # 1 Total Time:

3776:25

Cycle:

5746

S/N

CAE-831760

Engine # 2 Total Time:

N/A

Cycle:

N/A

S/N

N/A

INSPECTION REQUIREMENTS

Helicopter Model: B-206 B3 **s/n.:** 2800 **marks:** EC-JDF **t.t.:** 3740:00 **situation of the:** 21-09-07
Engine # 1 s/n.: CAE-831760 **t.t.:** 3776:25 **cycle:** 5.746,00
Engine # 2 s/n.: N/A **t.t.:** N/A **cycle:** N/A

SCHEDULED MAINTENANCE CHECKS

(Ref. Chapter 5 of the Maintenance Manual Bell 206 A/B Serie)

Standard Inspection	Interval Inspection		Last Inspection		Next Inspection		Residue		Note	
	Hours	Months	Hours	Date	Hours	Date	Hours	Days		
50 Hours Inspection/Corrosion	50:		3740:00:	20/09/2007	3790:00:	-	50:00	-		
100H/12 mths AIRFRAME INSPECTION	100:	12	3658:00:	21/11/2006	3758:00:	21-11-07	18:00	61		
300H AIRFRAME INSPECTION	300:		3658:00:	21/11/2006	3958:00:	-	218:00	-		
100H/3 mths CORROSION AIRFR. INSPECTION	100:	3	3740:00:	20/09/2007	3840:00:	20-12-07	100:00	90		
6 mths CONSECUTIVE HEL OPERATION		6	3740:00:	20/09/2007		20-03-08	-	182		
12 mths CONSECUTIVE HEL OPERATION		12	3740:00:	20/09/2007		19-09-08	-	364		
24 mths CONSECUTIVE HEL OPERATION		24	3740:00:	20/09/2007		19-09-09	-	730		
300H/6 mths COMPONENT OPERATION	300:	6	3740:00:	20/09/2007	4040:00:	20-03-08	300:00	182		
300H/12 mths COMPONENT OPERATION	300:	12	3740:00:	20/09/2007	4040:00:	19-09-08	300:00	364		
600H COMPONENT OPERATION	600:		3558:30:	06/08/2006	4158:30:	-	418:30	-		
600H/12 mths COMPONENT OPERATION	600:	12	3740:00:	20/09/2007	4340:00:	19-09-08	600:00	364		
1200H COMPONENT OPERATION	1200:		3258:40:	05/07/2005	4458:40:	-	718:40	-		
1200H/24 mths COMPONENT OPERATION	1200:	24	3740:00:	20/09/2007	4940:00:	19-09-09	1200:00	730		
1500H COMPONENT OPERATION	1500:		2413:20:	10/06/1999	3913:20:	-	173:20	-		
3000H COMPONENT OPERATION	3000:		2413:20:	10/06/1999	5413:20:	-	1673:20	-		

INSPECTION REQUIREMENTS

Helicopter Model: **B-206B3** **s/n.:** **2800** **marks:** **EC-JDF** **t.t.:** **3740:00** **date :** **21-09-07**
Engine # 1 s/n.: **CAE-831760** **t.t.:** **3776:25** **cycle:** **5.746,00**
Engine # 2 s/n.: **N/A** **t.t.:** **N/A** **cycle:** **N/A**

COMPONENT OVERHAUL SCHEDULE

(Ref. Chapter 5 of the Maintenance Manual Bell 206 A/B Series)

Part Number	Description	S/N.	Over. Interv.		Installation Date				Life Component				Residue overhaul component				
			Hours	Years	Heli		Component		Hours	Hours since last overhaul	Years	Years since last overhaul	Hours	Years			
					Hours	Date	Hours	Years									
206-011-100-021	Main Rotor Hub Assy	JILM-11390	1200:		3558:30:	06/08/2006	2259:50:	0:00:				2441:20:	181:30:			1018:30:	
206-010-450-113	Swashplate	REFS-58	4800:		3258:40:	29/06/2005	845:10:	N/P				1326:30:	N/P			3473:30:	
206-040-002-007	Main Rotor Mast Assy	FAJF-57274	3000:		2413:20:	21/05/1999	8005:00:	0:00:				9331:40:	1326:40:			1673:20:	
206-040-002-25	Main Transmission	BKW-10467	4500:		2413:20:	21/05/1999	1641:15:	0:00:				2967:55:	1326:40:			3173:20:	
206-040-270-3	Freewheeling Assy	BMB-10800	3000:		2413:20:	21/05/1999	UNK	0:00:				UNK	1326:40:			1673:20:	
206-011-810-153	Tail Rotor Hub Assy	A-6570	2500:		2413:20:	21/05/1999	0:00:	N/P				1326:40:	N/P			1173:20:	
206-040-400-013	Tail Rotor Gear Box	A-65	6000:		2413:20:	21/05/1999	1822:15:	435:55:				3148:55:	1762:35:			4237:25:	
206-0760-22-101	Hyd. Pump & Reservoir	05273	3600:		2413:20:	21/05/1999	7152:35:	0:00:				8479:15:	1326:40:			2273:20:	
206-076-031-13	Hydraulic Servo	6000	3600:		2413:20:	21/05/1999	3554:00:	0:00:				4880:40:	1326:40:			2273:20:	
206-076-031-13	Hydraulic Servo	3122	3600:		2413:20:	21/05/1999	3554:00:	0:00:				4880:40:	1326:40:			2273:20:	
206-076-031-13	Hydraulic Servo	34	3600:		2413:20:	21/05/1999	5764:15:	0:00:				7090:55:	1326:40:			2273:20:	
23032-027	Starter Generator	15937	1000:		3258:40:	05/07/2005	UNK	0:00:				UNK	481:20:			518:40:	

INSPECTION REQUIREMENTS

Helicopter Model *B-206B3* **s/n.:** *2800* **marks:** *EC-JDF* **t.t.:** *3740:00* **situation of the:** *21/09/2007*
Engine # 1 s/n.: *CAE-831760* **t.t.:** *3776:25* **cycle:** *5.746,00*
Engine # 2 s/n.: *N/A* **t.t.:** *N/A* **cycle:** *N/A*

LIFE LIMITED COMPONENTS

(Ref. Chapter 4 of the Maintenance Manual Bell 206 A/B Series)

Part Number	Description	S/N.	Retirement Life		Installation date			Life Component		Residue		Remove		Note
			Hours	Months	Hours	Heli	Date	Hours	Years	Hours	Years	Hours	Days	
MAIN ROTOR HUB AND BLADES														
206-010-101-129	Main Rotor Yoke	AFS-4267	O/C		2413:20:	21/05/1999	0:00:		1326:40:		O/C	-	O/C	-
206-010-200-133	Main Rotor Blade Assy	A-4508	5000:		2413:20:	21/05/1999	0:00:		1326:40:		3673:	-	7413:20:	-
206-010-200-133	Main Rotor Blade Assy	A-4483	5000:		2413:20:	21/05/1999	0:00:		1326:40:		3673:	-	7413:20:	-
206-010-102-121A	Grip	AFS-7046	4800:		2413:20:	21/05/1999	514:25:		1841:05:		2958:	-	6698:55:	-
206-010-102-013	Grip	J11-9553	4800:		2413:20:	21/05/1999	1198:10:		2524:50:		2275:	-	6015:10:	-
206-011-113-103	Trunnion	A-8479	4800:		2413:20:	21/05/1999	0:00:		1326:40:		3473:	-	7213:20:	-
206-011-154-105	Retention Strap	PTE	1200:	24	3740:00:	20/09/2007	0:00:	0	0:00:		1200:	730	1200:00:	19/09/2009
206-011-154-105	Retention Strap	PTE	1200:	24	3740:00:	20/09/2007	0:00:	0	0:00:		1200:	730	1200:00:	19/09/2009
206-010-123-003	Retention Strap Pin	AFS-22389	1200:		3558:30:	06/08/2006	0:00:		181:30:		1018:	-	4758:30:	-
206-010-123-003	Retention Strap Pin	AFS-22337	1200:		3558:30:	06/08/2006	0:00:		181:30:		1018:	-	4758:30:	-
206-011-140-001	Fitting	AFS-28260	1200:		3558:30:	06/08/2006	0:00:		181:30:		1018:	-	4758:30:	-
206-011-140-001	Fitting	AFS-28135	1200:		3558:30:	06/08/2006	0:00:		181:30:		1018:	-	4758:30:	-
206-011-260-103	Latch Bolt	DI-4517	2500:		2413:20:	21/05/1999	514:23:		1841:03:		658:	-	4398:57:	-
206-011-260-103	Latch Bolt	DI-4501	2500:		2413:20:	21/05/1999	514:23:		1841:03:		658:	-	4398:57:	-
SWASHPLATE AND SUPPORT														
206-010-407-001	Collective Idler Link	REFS-01925	4800:		2413:20:	21/05/1999	0:00:		1326:40:		3473:	-	7213:20:	-
206-010-452-113	Support Assy	RE-07723	4800:		2413:20:	21/05/1999	0:00:		1326:40:		3473:	-	7213:20:	-
206-010-467-001	Collective Lever	REFS-00869	4800:		2413:20:	21/05/1999	0:00:		1326:40:		3473:	-	7213:20:	-
206-010-454-109	Swashplate Sleeve Assembly	RE-07195	4800:		2413:20:	21/05/1999	0:00:		1326:40:		3473:	-	7213:20:	-
206-001-194-001	Lower Collective Tube	MSFS-4870	4800:		2413:20:	21/05/1999	0:00:		1326:40:		3473:	-	7213:20:	-
TAIL ROTOR HUB AND BLADES														
206-016-201-131	Tail rotor blade	CS-5355	2500:		2413:20:	21/05/1999	0:00:		1326:40:		1173:	-	4913:20:	-
206-016-201-131	Tail rotor blade	CS-5353	2500:		2413:20:	21/05/1999	0:00:		1326:40:		1173:	-	4913:20:	-
206-011-819-109	Tail Rotor Yoke	AFS-8558	5000:		2413:20:	21/05/1999	0:00:		1326:40:		3673:	-	7413:20:	-
POWER TRAIN														
206-040-002-007	Mast Assembly	FAFJ-57274	O/C		2413:20:	21/05/1999	8005:00:		9331:40:		O/C	-	O/C	-
CL42250-1	Clutch, Freewheel	FD-13045	3000:		2413:20:	21/05/1999	0:00:		1326:40:		1673:	-	5413:20:	-

DIRECTIVAS

AcTT: 3740:00

FICHA DE LA AERONAVE

21/09/2007

EC-JDF

AD	SB/SL/SI	REEMPLAZA A:	FABRICANTE	CUMPLIMENTACIÓN		AP	N/A BY	PERIODICIDAD		PRÓXIMA INSPECCIÓN		OBSERVACIONES
				HORAS	FECHA			HORAS	MESES	HORAS	MESES	
CELULA N/S 2800												
71-18-04	---	71-07-03	BELL			N/A	P/N de las palas					To detect and prevent possible corrosion and fatigue crack in blade spar
72-19-01	---	72-18-05	BELL			N/A	P/N fittings					To prevent possible failure of the main rotor retention strap fitting
73-08-03	206-01-73-2	73-05-04	BELL			N/A	P/N de pylon supports					To prevent possible failure of pylon support link
73-12-01	206-01-73-1		BELL			N/A	S/N					To detect possible fatigue cracks in the skin of the vertical fin
73-19-08	206-04-73-1		BELL			N/A	P/N de fittings					To prevent possible fatigue cracks in the main rotor retention strap fittings
73-19-09	---		BELL			N/A	P/N de tubes					To detect and prevent possible corrosion and cracks in the main rotor blade pitch link tubes
73-21-03	206-01-73-5		BELL			N/A	S/N					To detect possible fatigue cracks in the vertical fin support forgings in the area of the fin
74-08-12	206-01-73-4		BELL			N/A	S/N					To detect loose rivets in the tail boom skin splice
74-19-03	---		BELL			N/A	S/N					To prevent possible failure of the inboard ribs
74-24-01	---	74-20-03	BELL			N/A	P/N de los grips					To prevent possible failure of certain main rotor blade grips
74-25-10	206-50-74-1		BELL			N/A	P/N del kit de freno					To prevent failure of the rotor brake disc
75-06-03	---		BELL			N/A	P/N de link					To detect possible fatigue cracks in each main rotor pitch link assembly
75-06-10	206-01-74-2		BELL			N/A	S/N					To prevent possible failure of the cabin roof straps
75-09-09	---		BELL			N/A	S/N					To prevent possible failure of the tail rotor control tube assembly
75-18-07	206-75-3		BELL			N/A	S/N					To prevent loss of attaching bolt torque for the main rotor blade hub pillow blocks
76-04-09	206-04-1-74-1		BELL			N/A	S/N					To detect and prevent possible cracks in the main rotor hub yokes
76-05-01	---		BELL			N/A	S/N					To prevent possible failure of the inboard ribs on the horizontal stabilizers
76-15-03	206-76-4B		BELL			N/A	P/N straps					To detect straps with inadequate torsional resistance or stiffness
77-10-06	206-76-12		BELL			N/A	S/N					To minimize the possibility of loss of directional control due to failure of the tail rotor
78-11-02	---	76-24-08	BELL			N/A	P/N straps					To prevent M/R blades from departing the helicopter
78-16-01	206-76-2		BELL			N/A	S/N					To minimize the possibility of loss of directional control due to failure of the tail rotor
79-10-01	---		BELL			N/A	No montar flotadores					To prevent possible puncturing of the Bell pop-out floats
80-17-05	206-78-3		BELL			N/A	P/N de las palas					To prevent possible failure of tail rotor blades
80-18-04	206-80-7		BELL			N/A	P/N del trunnion					To prevent possible failure of the main rotor trunnion
81-18-01	206-80-7		BELL	2413:20	21-05-99						Incorporado en los elementos con vida límite	To prevent failure of the trunnion due to fatigue cracks
85-25-01	206-85-29		BELL	2413:20	21-05-99							To prevent failure of the cyclic control stick
85-26-06	206-85-28	82-17-04	BELL			N/A	P/N de las palas					To prevent possible loss of the tail rotor tip block
86-24-01	---		BELL			N/A	P/N del yoke					To prevent failure of the T/R pitch links
87-10-11	206-87-37		BELL			N/A	S/N del mastil					To prevent failure of the main rotor mast
88-23-03	---		BELL			N/A	P/N del yoke					To prevent the failure of the tail rotor yoke assembly
89-10-11	---		BELL			N/A	Equipo no instalado					To prevent possible in-flight engine flameout
89-22-01	---		BELL			N/A	P/N de las palas					To prevent failure and separation of the main rotor blades
90-13-01	---		BELL			N/A	P/N de las palas					To prevent failure of a tail rotor blade assembly
90-21-03	---		BELL			N/A	P/N de las palas					To prevent the loss of a tip weight, failure of the tail rotor blade assembly
91-03-12	206-89-49		BELL			N/A	No montar flotadores					To prevent unequal float inflation
92-01-05	---		BELL			N/A	P/N de las palas					To prevent failure and separation of the main rotor blades
92-06-12	206-90-56		BELL			N/A	S/N del piñon planetario					To prevent premature wear of the sungear and mating spur gears
92-09-07	206-91-60		BELL			N/A	P/N de la aleta vertical					To prevent failure of the vertical fin supports
94-15-07	206-93-77		BELL	2413:20	21-05-99							To prevent failure of a main rotor blade
94-19-02	206-93-74		BELL			N/A	P/N del support assy					To prevent failure of the swashplate support assembly
94-20-03	206-93-75	93-22-11	BELL	2413:20	21-05-99							To prevent pitch link misalignment
94-24-11	206-92-69		BELL	2413:20	21-05-99							To prevent misalignment of the tail rotor drive shaft
95-09-06	206-90-54		BELL	2413:20	21-05-99							To prevent the fuel valve switch from being inadvertently placed in the "OFF" position
95-11-14	---		BELL			N/A	P/N de los crosstubes					To prevent failure of the crosstubes
95-24-06	02-680	91-23-15	BELL			N/A	modelo motor					To alert the pilot of a potential false engine-out warning
96-06-04	206-93-76	81-04-08	BELL	2413:20	21-05-99							To prevent failure of the main transmission input driveshaft assembly
01-02-03	206-00-93		BELL	2521:00	30-05-00							Inspection and Modifying Collective Lever Assemblies
03-13-14	206-01-96		BELL			N/A	P/N chip detector					To prevent failure of a chip detector indication
04-24-08	206-04-100		BELL			N/A	S/N de las palas					To prevent blade failure
05-16-04	AA-03121		BELL			N/A	P/N de crosstubes (FW -017; AFT -018)					To detect a crack in the crosstube

MOTOR LH : S/N CAE-831760											
72-03-06	---		ALLISON			N/A	P/N de la 2a etapa				To ensure adequate life limit margin for Allison P/Ns 6857912 and 6871872 2° stage turbine wheels
73-19-07	1040		ALLISON			N/A	Modelo FCU				To prevent failure of the P/N 6875621 power turbine governor-to-fuel control fuel tube
74-14-03	---		ALLISON			N/A	Modelo FCU				To prevent after fires resulting from incomplete fuel cut-off at engine shutdown
77-09-08	1116		ALLISON	638:20	09-02-83						To prevent engine power loss resulting from bleed valve diaphragm failure
77-15-12	1060		ALLISON	788:25	07-04-89						To preclude possible engine failure resulting from power turbine coupling nut failure
78-14-08	1007		ALLISON			N/A	P/N de la bomba				To preclude possible engine flameout resulting from fuel pump drive spline failure
79-21-01	1084		ALLISON			N/A	P/N de la 3ª etapa				To preclude possible engine power loss resulting from third stage turbine wheel blade separation
82-13-03	A-1144		ALLISON			N/A	Modelo FCU				To prevent possible power turbine overspeed
82-24-05	A-1206		ALLISON			N/A	P/N FCU y Governor				To prevent possible engine power loss
83-03-02	A-1146	77-18-03	ALLISON			N/A	S/N				to prevent possible engine power loss resulting from partial blade and/or shroud separation
88-17-01	A-1231		ALLISON			N/A	modelo motor				To prevent possible engine over-temperature
96-19-01	T95-SB001		ALLISON	2401:00	06-05-99						To prevent bearing failure due to bearing separator instability
98-24-28	GTSB-242		ALLISON			N/A	modelo motor				To prevent main fuel control (MFC) bellows assembly leakage
01-24-12	---	01-20-51	ROLLS ROYCE			N/A	TSN				To prevent uncontained release of power turbine blades and disk fragments
04-24-09	A-1394		ROLLS ROYCE			N/A	P/N del inyector				To minimize the risk of sudden loss of engine power and uncommanded shutdown of the engine
04-26-09	A-1392		ROLLS ROYCE					4204:30	01-03-12		Engine shutdown caused by compressor adaptor coupling failure
05-10-13	A-1255		ROLLS ROYCE						31-10-11		To minimize the risk of uncontained 1st stage turbine wheel fragments