

MAINTENANCE STATUS AS AT 31ST MAY 2016

AIRCRAFT

TYPE : B777-2H6 MSN : XXXX REGN. :
TSN : XXXXXX CSN : XXXX MANUF. DATE : 03 JAN 1998

ENGINE / APU

	<u>S/NO.</u>	<u>TSN / CSN</u>	<u>TSLSV / CSLSV</u>	<u>LIFE REMAINING</u>
ENGINE #1	51082	73106/ 10835	6904/ 1036	2956 cyc avail - LP compressor rotor disk
ENGINE #2	51083	68150/ 10633	13724/ 1998	3002 cyc avail - HPC stage 5-6 disk & cone
APU	P1585	14718/ 11746	154/ 142	

LANDING GEAR

	<u>S/NO.</u>	<u>CYCLES REMAINING & DUE AT</u>
NOSE LG	MC0160P0155	13415 CYC/ SEP 2019
LH MLG	MC0317P0155	13415 CYC/ SEP 2019
RH MLG	MC0318P0155	13415 CYC/ SEP 2019

CHECK TYPES

	<u>LIFE REMAINING & DUE AT</u>
'A1' CHK	
'A4' CHK	
'C1' CHK	21-FEB-2016
'C2' CHK	12-MAR-2018
'D' CHK	19-APR-2022

SPECIFICATION B777-2H6ER

ENGINE

Type	:	<u>RB211 Trent 892B-17</u>
Manufacturer	:	<u>Rolls Royce</u>
Thrust Rating	:	<u>90000 lbs</u>

APU

Type	:	<u>GTCP331-500B</u>
Manufacturer	:	<u>Allied Signal</u>

GALLEY AND LAVATORY

<u>Items</u>	<u>Manufacturer</u>	<u>Units</u>
Galley	Jamco	09
Lavatory	Jamco	09

OPERATING WEIGHT

	<u>kg</u>	<u>lbs</u>
MTW	287,804	634,500
MTOW	286,897	632,500
MLW	208,652	460,000
MZFW	195,044	430,000
Fuel Capacity (Max)	138,600	305,558
Basic Empty Weight	137,212	302,498

INTERIOR CONFIGURATION

<u>Seats</u>	<u>Manufacturer</u>	<u>Units</u>
Business Class	BE Aerospace	35
Economy Class	BE Aerospace	247

WHEELS AND BRAKES

	<u>Manufacturer</u>	<u>Size</u>	<u>Ply Rating</u>	<u>Speed (Max)</u>
Nose Wheel	Michelin	42 x 17 R18	26	235 mph
Main Wheel	Michelin	50 x 20 R22	32	235 mph
Brakes	Honeywell			

MAINTENANCE PROGRAMME

'A' Check	600 hours in 4 parts (A1 thru A4)
'C' Check	750 days in 2 parts. 'C1' and 'C2'.
HMV	3000 days (08 years)

AVIONICS

Navigation Equipment

<u>Items</u>	<u>Manufacturer</u>	<u>Part Number</u>	<u>Unit</u>
TCAS	Honeywell	066-50000-2720	01
ILS	Rockwell Collins	822-0298-001	03
ADF Receiver	Rockwell Collins	822-0299-001	02
DME Interrogator Unit	Rockwell Collins	822-0329-001	02
ATC Transponder	Honeywell	066-01127-1602	02
VOR/ MB Receiver	Rockwell Collins	822-0297-001	02
Ground Proximity (GPWC)	Honeywell	965-0976-003-214-294	01
SAARU	Honeywell	HG2040AD01	01
ADIRU	Honeywell	HG2060AD01	01
TCAS Antenna	Honeywell	071-50001-8102	01
Radio Altimeter	Sextant Avionique	9599-607-19992	03
GPS Sensor Unit	Honeywell	HG2021GP01	01

Communications Equipment

<u>Items</u>	<u>Manufacturer</u>	<u>Part Number</u>	<u>Unit</u>
HF Transceiver	Rockwell Collins	822-0330-001	02
VHF Transceiver	Rockwell Collins	822-1047-003	03
Satellite Data Unit	Honeywell	7516100-20050	01
Radio Frequency Unit	Honeywell	7516240-20050	01
SELCAL Decoder	TEAM	SC2253AD01	01
Voice Recorder	Honeywell	980-6022-001	01

MALAYSIA AIRLINES
RB211/TRENT ENGINE STATUS SHEET

ENGINE S/NO : ENGINE TYPE: 892B-17 A/C REGN POSN : #2
 DATE INSTALLED: 29.09.15 TSN/CSN: 72493.06 / 10765 TSP/CSF: 464.44 / 57 TSLSV / CSLSV : 6291.42 / 966

ENGINE STATUS AS AT 30-NOVEMBER-2015

MODULE	MODULE DESCRIPTION	P/NO	S/N	TSN	CSN	MODULE STATUS				STATUS AT COMPLETION OF SHOP VISIT					
						TS LVL 2	CS LVL 2	TS LVL 3	CS LVL 3	TS LVL 4	CS LVL 4	WORK C/OUT	INSTALLED P/NO	SNO	PARTS ORIGIN
01	COMPRESSOR ROTOR - LP	M01901AA	FM9783	71733	10624	23524	3277	38169	5266	38169	5266				
02	COMPRESSOR - IP	M02901AA	FM9783	71733	10624	6292	966	38169	5266	38169	5266				
03	INTERMEDIATE CASING	M03100379	FM9783	71733	10624	6292	966	38169	5266	38169	5266				
04	HP SYSTEM	M04100094	FM9786	71733	10624	6292	966	6292	966	38169	5266				
	41/10 COMB	M04100094	FM9786	71733	10624	6292	966	6292	966	38169	5266				
	41/20 HPC	M04100094	FM9786	71733	10624	6292	966	6292	966	38169	5266				
	41/50 HPT	M04100094	FM9786	71733	10624	6292	966	6292	966	38169	5266				
05	TURBINE - IP	M05909AA	FM9785	71733	10624	6292	966	6292	966	38169	5266				
06	GEARBOX HIGH SPEED	M06901AA	FM5085	72493	10765	6292	966	38169	5266	38169	5266				
07	COMPRESSOR CASE AND VANES	M07903AA	FM9782	72493	10765	6292	966	38169	5266	72493	10765				
08	TURBINE - LP	M08906AB	FM9787	60401	9915	6292	966	24760	4097	24760	4097				

PREPARED BY : MAHES
 SNR TECH REC OFFICER DATED: 02-DEC-2015

ESN: 51082 ACFT:
 DATE INSTALLED : 29.09.15
 ENGINE STATUS AS AT 30-NOVEMBER-2015

MODULE	IN	DESCRIPTION	PART NUMBER	SERIAL NUMBER	TOTAL TSN	TOTAL CSN	CSN AS OF		E	D	IF LIMIT	ETO DUTY CYC				NO. CYCLES	NO. CYCLES		
							31DEC2007	31DEC2011				31DEC2007	31DEC2011	31DEC2011	31DEC2011			31DEC2011	31DEC2011
B1	6F270	LP COMPRESSOR ROTOR DISK	FK14389	CTTK45159/A	71733	10624	1833	1043	653	457	509	13650	6279	1833	1043	653	457	509	3026
	6F270	LP COMPRESSOR ROTOR SHAFT	FK20839	PEAN113	71733	10624	1833	1043	653	457	509	15000	6279	1833	1043	653	457	509	4376
B2	6F280	LP COMPRESSOR ROTOR SHAFT	FK24100	RRCDD081088	6292	966	0	0	0	457	509	15000	0	0	0	0	408	424	11668
B3	6F290	INTERMEDIATE PRESS REAR SHAFT	FK18545	RROSETDAV197	6292	966	0	0	0	457	509	15000	0	0	0	0	457	509	14034
B4	6F270	IPC STG 1-4 PTR DISK SHAFT	FK32580	RRCDD080862	6292	966	0	0	0	457	509	5860	0	0	0	0	442	416	4722
	6F270	IPC STG 5-6 DISK AND CONE	FK27889	RRCDD080867	6292	966	0	0	0	457	509	5000	0	0	0	0	457	509	4034
B5	6F290	HP TURBINE ROTOR DISK	FK26993	RRSJND4431	6292	966	0	0	0	457	509	7000	0	0	0	0	457	509	6034
B6	6F290	IP TURBINE ROTOR DISK	FK30349	RRSJND0840	6292	966	0	0	0	457	509	11610	0	0	0	0	450	447	10712
	6F290	IP TURBINE ROTOR SHAFT	FK25180	PEAP31	71733	10624	1833	1043	653	457	509	15000	6279	1833	1043	653	457	509	4376
B7	6F290	LP TURBINE STAGE 1 ROTOR DISK	FK24971	LDREW10448	60401	9915	5081	2048	461	457	509	15000	5081	2048	1359	461	457	509	5085
	6F290	LP TURBINE STAGE 2 ROTOR DISK	FK26625	LDREW10549	60401	9915	5081	2048	461	457	509	15000	5081	2048	1359	461	457	509	5085
	6F270	LP TURBINE STAGE 3 ROTOR DISK	FK26926	LDREW10594	60401	9915	5081	2048	461	457	509	15000	5081	2048	1359	461	457	509	5085
	6F290	LP TURBINE STAGE 4 ROTOR DISK	FK23210	LDREW2392	60401	9915	5081	2048	461	457	509	15000	5081	2048	1359	461	457	509	5085
	6F290	LP TURBINE STAGE 5 ROTOR DISK	FK24200	LDREW4469	60401	9915	5081	2048	461	457	509	15000	5081	2048	1359	461	457	509	5085
	6F290	LP TURBINE ROTOR SHAFT	FK20817	QUBEP0254	6292	966	0	0	0	457	509	15000	0	0	0	0	457	509	14034

LIMITER: 3028 CYCLES AVAILABLE TO LIFE EXPIRY OF LP COMPRESSOR ROTOR DISK

PREPARED BY: MAHES
 SNR TECH REC OFFICER DATED: 02-DEC-2015

**MALAYSIA AIRLINES
RB211TRENT ENGINE STATUS SHEET**

ENGINE S/N O : ENGINE TYPE: 892B-17 A/C REGN POSN : #2
 DATE INSTALLED: 22.01.13 TSN/CSN: 67601.46 / 10576 TSF/CSF : 13175.59 / 1941 TSLSV / CSLSV : 13175.59 / 1941

THIS ENGINE HAS BEEN REPAIRED,INSPECTED MODIFIED & TESTED BY SAESL, SIN VIDE W/O: 1194854 DD: 18/NOV/2012

AND RELEASED VIDE B/N: AB601948 DD: 21/DEC/2012
ENGINE STATUS AS AT 30-NOVEMBER-2015

MODULE	MODULE DESCRIPTION	MODULE STATUS										STATUS AT COMPLETION OF SHOP VISIT					
		P/NO	S/N	TSN	CSN	TS LVL 2	CS LVL 2	TS LVL 3	CS LVL 3	TS LVL 4	CS LVL 4	WORK INSTALLED		PARTS ORIGIN			
												C/OUT	P/NO		S/NO		
01	COMPRESSOR ROTOR - LP	IM01901AA	FM9823	57581	9151	13176	1941	13176	1941	13176	1941	13176	1941				
02	COMPRESSOR - IP	IM02901AA	FM9823	57581	9151	13176	1941	13176	1941	13176	1941	13176	1941				
03	INTERMEDIATE CASING	IM03100087	FM9824	57581	9151	13176	1941	13176	1941	13176	1941	13176	1941				
04	HP SYSTEM	IM04100092	FM9826	57581	9151	13176	1941	13176	1941	13176	1941	13176	1941				
	41/10 COMB	IM04100092	FM9826	57581	9151	13176	1941	13176	1941	13176	1941	13176	1941				
	41/20 HPC	IM04100092	FM9826	57581	9151	13176	1941	13176	1941	13176	1941	13176	1941				
	41/50 HPT	IM04100092	FM9826	57581	9151	13176	1941	13176	1941	13176	1941	13176	1941				
05	TURBINE - IP	IM05906AA	FM9825	57581	9151	13176	1941	13176	1941	13176	1941	13176	1941				
06	GEARBOX HIGH SPEED	IM06901AA	FM5044	67978	10965	13176	1941	67978	10965	67978	10965	67978	10965				
07	COMPRESSOR CASE AND VANES	IM07903AA	FM9783	67602	10576	13176	1941	67602	10576	67602	10576	67602	10576				
08	TURBINE - LP	IM08906AB	FM9826	57581	9151	13176	1941	13176	1941	13176	1941	13176	1941				

PREPARED BY : MAHES
 SNR TECH REC OFFICER DATED : 02-DEC-2015

ENGINE SN: ACFT: :
 ENGINE INSTALLED ON 22.01.13
 ENGINE STATUS AS AT 30-NOVEMBER-2015

MANDATORY LIFE LIMITED PARTS SUMMARY

PROFILE	IIN	DESCRIPTION	PART NUMBER	SERIAL NUMBER	TOTAL TEN	TOTAL CEN	C		E		F		LIC LIMIT CYCLES	STD DUTY CYC			SOC LSC REMAINS	ENG CYCS TO LIFE LIMIT			
							CSM AS OF 30/01/2007	CSM AS OF 30/01/11	CSM 31/JAN/011	CSM 31/JAN/011 TILL 31/DEC/012	CSM 31/JAN/011 TILL 31/DEC/014	CSM 31/JAN/011 TILL 31/DEC/014		CSM 31/JAN/011 TILL 31/DEC/014	CSM 31/JAN/011 TILL 31/DEC/014	CSM 31/JAN/011 TILL 31/DEC/014			CSM 31/JAN/011 TILL 31/DEC/014	CSM 31/JAN/011 TILL 31/DEC/014	CSM 31/JAN/011 TILL 31/DEC/014
01	01-270	LP COMPRESSOR ROTOR DISK	FK14399	CTDK5786/A	57881	9151	4375	1893	942	651	751	539	13650	4375	1893	942	651	751	539	4499	4499
02	01-070	LP COMPRESSOR ROTOR SHAFT	FK20839	PBANI79	57881	9151	4375	1893	942	651	751	539	15000	4375	1893	942	651	751	539	5849	5849
03	01-000	IP COMPRESSOR ROTOR SHAFT	FK24100	RRDCDB3247	13176	1941	0	0	0	651	751	539	12500	0	0	0	542	671	449	10538	13011
04	01-200	INTERMEDIATE PRESS REAR SHAFT	FW18545	RRDSFDANV2879	13176	1941	0	0	0	651	751	539	15000	0	0	0	651	751	539	13059	13059
05	01-070	IPC STG 1 - 4 RTR DISKS SHAFT	FK32580	RRDCDB32375	13176	1941	0	0	0	651	751	539	5600	0	0	0	532	726	440	3892	4751
06	01-070	HPC STG 5 - 6 DISKS AND CONE	FK27899	RRDCDB31419	13176	1941	0	0	0	651	751	539	5000	0	0	0	651	751	539	3059	3059
07	01-200	HP TURBINE ROTOR DISK	FK26893	RRSUNDC123	13176	1941	0	0	0	651	751	539	7000	0	0	0	651	751	539	5059	5059
08	01-050	IP TURBINE ROTOR DISK	FK33049	RRSUNDC393	13176	1941	0	0	0	651	751	539	11510	0	0	0	572	740	474	9524	11177
09	01-015	IP TURBINE ROTOR SHAFT	FW18550	PBAP140	57881	9151	4375	1893	942	651	751	539	15000	4375	1893	942	651	751	539	5849	5849
10	01-200	LP TURBINE STAGE 1 ROTOR DISK	FK24971	LDREW10556	57881	9151	4375	1893	942	651	751	539	15000	4375	1893	942	651	751	539	5849	5849
11	01-200	LP TURBINE STAGE 2 ROTOR DISK	FK26525	LDREW10733	57881	9151	4375	1893	942	651	751	539	15000	4375	1893	942	651	751	539	5849	5849
12	01-070	LP TURBINE STAGE 3 ROTOR DISK	FK26526	LDREW10467	57881	9151	4375	1893	942	651	751	539	15000	4375	1893	942	651	751	539	5849	5849
13	01-050	LP TURBINE STAGE 4 ROTOR DISK	FK33210	CREW1753	57881	9151	4375	1893	942	651	751	539	15000	4375	1893	942	651	751	539	5849	5849
14	01-000	LP TURBINE STAGE 5 ROTOR DISK	FK24200	CREW1767	57881	9151	4375	1893	942	651	751	539	15000	4375	1893	942	651	751	539	5849	5849
15	01-200	LP TURBINE ROTOR SHAFT	FK20817	BBAP242	57881	9151	4375	1893	942	651	751	539	15000	4375	1893	942	651	751	539	5849	5849

LIMITER: 3059 CYCLES AVAILABLE TO LIFE EXPIRY OF HPC STG 5 - 6 DISK & CONE

PREPARED BY: MAHES
 TECH REC OFFICER DATED 02-DEC-2015