



Rolls-Royce

CIVIL ENGINE DELIVERIES

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 H1
By engine																
RB211 22B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RB211 524	4	2	5	7	0	5	4	0	0	0	0	0	0	0	0	0
RB211 535	26	14	6	0	2	0	1	1	0	0	0	0	0	0	0	0
RB211 Total	30	16	11	7	2	5	5	1	0	0	0	0	0	0	0	0
Trent 500	37	88	115	88	97	45	45	57	16	1	8	0	0	0	0	0
Trent 700	30	35	30	54	59	75	88	125	139	135	157	181	184	140	88	47
Trent 800	54	30	15	21	25	10	7	9	0	0	0	0	0	0	0	0
Trent 900					20	10	48	33	30	70	64	42	35	6	30	32
Trent 1000									0	18	46	59	79	106	122	45
Trent XWB													13	56	117	85
Trent	121	153	160	163	201	140	188	224	185	224	275	282	311	308	357	209
Civil Large Engines	151	169	171	170	203	145	193	225	185	224	275	282	311	308	357	209
Spey	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tay	66	48	43	55	66	80	92	68	51	57	60	67	46	38	28	0
AE3007	288	217	242	168	113	135	135	32	55	31	43	78	48	34	20	4
BR700	127	96	131	161	155	183	216	172	184	232	290	326	334	332	244	95
Civil Small Engines	481	361	416	384	334	398	443	272	290	320	393	471	428	404	292	99
V2500*	224	216	237	327	319	308	351	347	371	418	220	0	0	0	0	0
Civil Total	856	746	824	881	856	851	987	844	846	962	888	753	739	712	649	308

*V2500 deliveries are recorded until the sale of Rolls-Royce's stake in International Aero Engines on 29th June 2012

CIVIL ENGINE INSTALLED BASE**

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 H1
By engine																
RB211 22B	165	156	132	120	81	66	42	30	21	12	12	6	6	6	6	9
RB211 524	1,042	1,019	1,003	994	953	944	895	848	783	752	685	626	574	492	373	355
RB211 535	1,196	1,206	1,218	1,214	1,210	1,206	1,204	1,196	1,196	1,172	1,166	1,154	1,138	1,120	1,044	1,020
RB211 Total	2,403	2,381	2,353	2,328	2,244	2,216	2,141	2,074	2,000	1,936	1,863	1,786	1,718	1,618	1,423	1,384
Trent 500	48	132	220	300	388	424	456	508	520	524	524	520	516	500	488	488
Trent 700	206	234	264	306	364	424	494	608	724	840	980	1,144	1,308	1,444	1,538	1,584
Trent 800	344	376	392	408	432	444	442	450	450	450	450	444	436	428	420	412
Trent 900					16	20	36	68	96	152	216	252	296	320	340	352
Trent 1000										14	52	94	178	270	394	434
Trent XWB													12	38	132	200
Trent	598	742	876	1,014	1,200	1,312	1,428	1,634	1,790	1,980	2,222	2,454	2,746	3,000	3,312	3,470
Civil Large Engines	3,001	3,123	3,229	3,342	3,444	3,528	3,569	3,708	3,790	3,916	4,085	4,240	4,464	4,618	4,735	4,854
Spey	1,408	1,376	1,342	1,246	1,204	1,158	1,132	1,056	1,000	892	848	768	690	590	516	470
Tay	1,772	1,830	1,847	1,866	1,890	1,903	1,951	2,017	2,057	2,077	2,119	2,155	2,177	2,201	2,203	2,201
AE3007	1,718	1,966	2,200	2,370	2,476	2,596	2,710	2,782	2,814	2,850	2,896	2,950	2,976	2,970	2,966	2,966
BR700	792	904	1,006	1,164	1,312	1,480	1,650	1,832	2,032	2,226	2,448	2,744	3,084	3,432	3,684	3,808
Civil Small Engines	5,690	6,076	6,395	6,646	6,882	7,137	7,443	7,687	7,903	8,045	8,311	8,617	8,927	9,193	9,369	9,445
V2500*	871	971	1,080	1,217	1,361	1,496	1,650	1,794	1,949	2,119						
Civil Total	9,562	10,170	10,704	11,205	11,687	12,161	12,662	13,189	13,642	14,080	12,396	12,857	13,391	13,811	14,104	14,299

*50% of the total V2500 fleet included

CIVIL INSTALLED THRUST BASE (Mlbs of thrust)**

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 H1
By engine																
RB211 22B	10	9	8	7	5	4	3	2	1	1	1	0	0	0	0	1
RB211 524	63	61	60	60	57	57	54	51	47	45	41	38	34	30	22	21
RB211 535	48	48	49	49	48	48	48	48	48	47	47	46	46	45	42	41
RB211 Total	120	119	117	115	110	109	104	101	96	93	88	84	80	75	65	63
Trent 500	3	7	12	17	22	24	26	28	29	29	29	29	29	28	27	27
Trent 700	15	17	19	22	26	31	36	44	52	60	71	82	94	104	111	114
Trent 800	32	35	36	38	40	41	41	41	41	41	41	41	40	39	39	38
Trent 900	0	0	0	0	1	1	3	5	7	11	15	18	21	22	24	25
Trent 1000	0	0	0	0	0	0	0	0	0	1	4	7	13	19	28	31
Trent XWB													1	3	11	17
Trent	49	59	67	76	89	97	104	118	129	143	160	177	198	217	240	252
Civil Large Engines	169	178	184	192	199	205	209	219	225	236	249	261	278	292	304	314
Spey	15	15	15	14	13	13	12	12	11	10	9	8	8	6	6	5
Tay	27	27	28	28	28	29	29	30	31	31	32	32	33	33	33	33
AE3007	13	15	17	18	19	19	20	21	21	21	22	22	22	22	22	22
BR700	12	14	15	17	20	22	25	27	30	33	37	41	46	51	55	57
Civil Small Engines	67	71	74	77	80	83	87	90	93	96	100	104	109	113	116	118
V2500*	24	27	30	33	37	41	45	49	54	58	0	0	0	0	0	0
Civil Total	260	275	288	302	317	329	341	358	372	390	348	365	387	405	420	432
Fleet Growth		6%	5%	5%	5%	4%	3%	5%	4%	5%	-11%	5%	6%	5%	4%	3%

*50% of the total V2500 fleet included

**Installed engine base is net of retirements but does include aircraft which are parked or in storage