

SUMMARY BAE 146 FUMES IN CABIN - 300 SERIES

5/8/92 - 2/1/96

DATE	REG	FLT	NO.	DESCRIPTION
5/8/92	EWJ	-	1	Shortness of breath, palpitations, need O2
24/12/93	-	-	2	Vomiting, light-headedness, headache, faintness, breathlessness
-/11/94	-	-	3	Severe headache for 2 days
20 & 21/1/95	EWS	151	5	Black soot from vents over each door exit. Cabin very hot on 2nd day
2/2/95	-	-	6	Nausea, lack of air, fatigue
4,5,6/2/95	EWI/EWS	-	7	Exhaustion, dizziness
10/2/95	-	-	8	Rotten egg type odour, nausea
11/2/95	-	-	9	Migraines, eyes stinging, heavy head, nausea every time on these aircraft
12/2/95	-	-	10	Shortness of breath, diagnosed as asthma, lung x-ray
13/2/95	EWI	-	11	Very nauseous, clumsy, light-headed, headache next morning
14/2/95-	-	-	12	Hypoxia, very tired, sore eyes and throat
15/2/95	EWL	-	13	Eye sight blurry, nausea on landing, lack of oxygen
-/2/95	-	-	14	Dry, fatigue, lethargy, smell in cabin
17/2/95	-	-	14	Shortness of breath, extreme fatigue

DATE	REG	FLT	NO.	DESCRIPTION
17/2/95	EWS	-	15	Headaches, tiredness, bad smell
25/2/95	-	-	16	Extreme fatigue, lack of O2
27/2/95	EWL/EWS	-	17	Headache, sore eyes, tight chest, dry throat, even after 2 legs
28/2/95	EWR	914/919	5	Black soot coming out of air vents again
28/2/95	-	-	18	Strong fumes entered cabin on opening L1
2/3/95	EWI	213	19	Blast of fumes in forward cabin on opening L1
8/3/95	EWA	-	20	Hot and stuffy, lack of fresh air over rear flight attendant seat
23/3/95	EWS	-	21	Bad headache again, after only 2 legs
20/4/95	-	283	22	All 3 flight attendants smelt very strong smell in aircraft and on aerobridge. Tingling on end of tongue, headiness, dry sore throat, general sick feeling. Captain said there had been a battery acid spill in hold previous sector and smell in hold on previous sector and smell was cleaning agent. Smell over powering. Delayed departure but operated flights. Smell intensified on landing each sector.
15/4/95	EWL	3052	5	Black soot above door exits again

DATE	REG	FLT	NO.	DESCRIPTION
3/5/95	EWS	-	23	Headache, sore eyes, stomach cramps, nausea
3/5/95	EWS	32	24	Nausea, headache, dry throat, sore eyes, bad smell in cabin
4/5/95	EWS	64	24	Strong smell came through when Captain asked to heat cabin
29/5/95	EWI	104	3	Bad smell forward galley 40 mins after take off. Residue of soot on forward galley ceiling. Smell bad next 2 legs. Burning nostrils, smarting eyes
31/5/95	EWR	-	25	Nausea, burning eyes, fumes on boarding, pack bum done on arrival, fumes worse on subsequent legs
31/5/95	EWR	197	26	As above
5/6/95	EWL	104	27	Felt nauseous on 3 legs, worse on take off and landing
22/7/95	-	-	28	Hypoxia and headache - all crew
22/7/95	-	-	29	As above, 4 legs Syd/Mck x 2
28/7/95	EWI	-	30,31,32	Fumes in rear galley on descent, nauseous on descent and for sometime after landing
9/10/95	EWR	-	33	Bad smell on take off and landing, dry eyes and throat, fatigue. Same aircraft had to be ferried, following week with flight attendants on 02 (heard)

DATE	REG	FLT	NO.	DESCRIPTION
26/10/95	EWR	196	34 & 35	Smoky haze and fumes in cabin on engine start-up. Irritation to eyes, nose throat. Engine shut down, doors open to ventilate. Ferried aircraft to Sydney and smoke re-occurred on taxiing for take off. No 4 & 35 required O2. Light-headed, sore eyes, headaches, nauseous. Flight attendants sought medical attention in Sydney.
27/12/95	EWS	981	17	One pac only operating. Difficulty breathing, tightness in chest, hot
27/12/95	EWS	981	36 & 37	As above. Dry eyes, throat and headache
2/1/96	EWL	981	36	Extremely stuffy in cabin. Short of breath and passengers also complained.
-	-	-	38	Headaches, fatigue, car problems
-	-	-	39	Stinging eyes, weeping eyes and nose similar symptoms to hayfever
-	-	-	40	Fuzzy headed, headache, drained, O2 starved. Clear rapidly once off aircraft
-	-	-	41	Nausea experienced at times after inhaling fumes
21/10/?	EWI	-	42	Fuel smell in rear section of cabin
-	-	-	43	Nausea, headaches, migraine frequently when flying on 146

DATE	REG	FLT	NO.	DESCRIPTION
-/4/	EWI	549	4 & 44	All 3 flight attendants experienced sore eyes, dry noses and burning throats on these last two sectors. Smell in the cabin. Very dry air due to cooling to decrease odour. No 44 had a blood nose during the night. No 4 developed a migraine which carried over to the next day and had to consult a Dr who diagnosed sinusitis.
31/3/96	EWS	196	45	Hot and stuffy in cabin 30 mins after t/off . Asked Capt to lower cabin temp. Thermostat located in o/head locker. When air temp gauge read 00 it was bearable but still stuffy Dryness and burning at back of nose and throat. Still sore next day after gargling with salt water. There were no visible fumes in cabin.

SUMMARY BAE 146 FUMES IN CABIN - 200 SERIES**18/11/94 – 20/1/96**

DATE	REG	FLT	NO.	DESCRIPTION
18/11/94	JJS	488	15	Fumes in cabin. Burning eyes, shortness of breath, nausea, headaches, sore throat, swollen glands, fever (R)
18/11/94	JJS	488	14	As above. Flight attendants in rear cabin on O ² (R)
18/11/94	JJS	488	20	As above (R)
19/1/94	-	-	16	Nausea and headache on several occasions
20/1/94	JJP	-	10	Sick on top of descent, shaky legs
21/1/95	JJX	481	19	Swollen glands, headache, nausea
6/2/95	-	-	9	Nausea, bronchial pneumonia, stomach cramps, migraine
13/2/95	-	-	13	Nausea, headaches
25/2/95	JJW	-	11	Hot oil smell, fuzzy headed by end of tour of duty
20/3/95	JJT	-	6	All 3 flight attendants felt nauseated
31/3/95	JJQ	-	5	Horrific smell at rear of cabin. Nauseated, had vomited on other flights
6/6/95	JJQ	485	7	Oily, strong fumes rear cabin. Coughing, sore eyes, congested complexion, dry nose and mouth
8/6/95	JJX	368	8	Hazy smoke in cabin

DATE	REG	FLT	NO.	DESCRIPTION
26/6/95	JJT	-	1 & 25	After take off very strong fumes in cabin. Stifling and irritating, nausea and headaches first 1/2 hour of flight
28/6/95	JJT	-	3	Fumes in rear of aircraft. Headache, nausea, fatigue
5/7/95	JJT	-	1 & 4	All 3 flight attendants had tightness in chest, sore throats, headaches, slurred speech from purser during P/A
5 & 6/7/95	JJT, JJX	-	4	Sore stinging eyes, nausea, fatigue, sore throat on descent
7/7/95	JJP	-	1	Sore eyes, glands came up, sore throat and red rash on neck, couldn't stop coughing for first 1/2 of flight
8/7/95	JJU	-	5	Irritation to eyes, sinus congestion, light headed
8/7/95	JJU	-	6&25&27	Affected by fumes in cabin. Stinging eyes, sore throat, tight chest, coughing. Flight sequence interrupted.
10/7/95	JJS	481	1	Nausea on take off for all 4 sectors
11/7/95	JJT	481	1	Nausea and burning nasal passages (3 legs)
12/7/95	JJT	481	1	Nausea, slight headaches, exhaustion
14/7/95	JJP	481	1	Usual smell and symptoms
16/7/95	JJQ, JJP	-	2	Runny nose, headache, sore eyes, fatigue

DATE	REG	FLT	NO.	DESCRIPTION
17/7/95	JJP	481	1	Dry throat, nausea, light headed, dry watery eyes
17/7/95	JJP	-	5	Burning eyes and light headedness
20/7/95	JJT	-	5	Eye pain, headache, vomiting
31/7/95	JJU	481	1	All 3 flight attendants affected by fumes which were odourless
15/8/95	JJT	-	2	Headaches, stomach upset, sore neck, watery eyes, bad smell throughout cabin
14/9/95	JJX	481	1	No smell detected but usual symptoms – headache, nausea, burning nostrils
20/9/95	JJQ	481	21	Overwhelming odour on descent & ascent, nausea, coughing, chest pain, headache
6/10/95	JJS	488	3	Sore throat, burning inside nostrils, burning eyes, dull headache, nausea, fatigue
9/1/96	JJT	481	22	25 & 21 notice fume smell on boarding aircraft. Smell increased after take off. Red eyes, metallic taste in mouth, dull headache. After take off on each leg (3) and on landing the smell was detected strongly by Flight Deck and Purser
15/1/96	JJQ	480	23	Fumes in cabin, sharp headache behind eyes and forehead, nausea. No 4 had strange taste in mouth. No 21 had nausea and strange taste

DATE	REG	FLT	NO.	DESCRIPTION
17/1/96	JJS	-	3 & 26	Airless cabin on taxiing, hot, cabin filled up with smoke after take off. Returned to CNS. Dizzy, giddy, headache
20/1/96	JJU	-	24	Inhaled oil fumes, sore throat, burning eyes
-	-	-	17	Physically ill on two occasions. Passenger smelt fumes on another when flight attendant felt nauseous. Captain explained it was just oil fumes coming through the air conditioning vents
9/94-1/95	JJS, JJT, JJS		18	Chest pains, headaches, fly symptoms, very sore throat, fatigue, sore eyes
1/94	JJQ?	-	12	Nose hurt when inhaling, burning sensation. No smell. Seemed to improve when Captain changed over air pacs.
25/1/96	JJP	-	1	Sore throat, nausea, tired, suffocated. No smell of fumes, dull headache next day
1/2/96	JJS	-	1	Nausea, dry sore throats, stuffy nose, sore dry eyes, haze in forward cabin
2/2/96	JJS	-	1	Headache, nausea, dry throat, sore glands, tight chest. Gasping for air when making P/A's, forgetful and clumsy by end of tour

DATE	REG	FLT	NO.	DESCRIPTION
7/2/96	JJT	-	1	All 3 felt ill on descent of first leg. Headache x 1 dry sore throats, runny noses x 2. F/0 had headache. Low energy levels, tried O ² . On 2nd leg all 3 flight attendants felt ill on take off and landing
16/2/96	JJT	-	1	Fumes on take off in rear cabin (2 legs) and on descent, very strong last (3rd) leg. Headache x 1, fatigue, lethargic after duty
17/2/96	JJT	-	1	All 3 flight attendants ill by end of 2nd leg. Headache x 1 on last (3rd) leg. Seventh day on this aircraft type with headache, neck pain
17/2/96	JJX	-	6	Pax asked on boarding about "awful smell". 3 flight attendants had sore red eyes by end of 1st leg
9/3/96	JJQ	-	22 & 25	Fumes smell strong on descent into DRW. Asked Captain to report as per procedure. Next day maintenance log checked because smell still present and it had not been reported.
10/3/96	JJQ	-	22 & 25	Strong smell on descent into CNS. Nausea and headache. All 3 flight attendants affected.

SUMMARY OF BAe 146 FUME REPORTS
FROM 24TH MARCH 1996 TO 11TH FEBRUARY 1998

DATE	REG	FLT	RESP	DESCRIPTION
24/3/96	JJP	483	48	Strong smell fumes take/off & ldg Nausea rear cabin.
27/5/96	JJX	480	49	Distinct metallic and nauseating smell all 4 sectors.
16/6/96	EWR	185	45	Fumes on boarding.
6/8/96	JJT	485	44	Smell and throat irritation on climb and in all sections of cabin. No air sampler.
17/8/96	EWM	261	58	Nausea, throat irritation cruise and descent in rear cabin.
17/8/96	EWM	964	59	All stages of flt, eye and throat irritation, trouble breathing.
21/9/96	EW	271	47	Fumes on boarding. Throat irritation, nausea.
22/11/96	EWM	176	60	Cabin filled with smoke on pushback. Controlled evacuation.
16/2/97	EWM	966	61	After take/off headaches, nausea, sweating, dizzy, on descent faint.
7/3/97	JJU	485	46	Smell, during cruise, through out cabin. Lethargic, headache.
13/3/97	EWM	273	56	Nausea on descent. Lack of concentration (6 legs 2 days).
17/3/97	EWM	271	21	Eyes and throat irritation. Nausea and on descent vomiting.
17/3/97	EWS	272	21	Vomiting.

DATE	REG	FLT	RESP	DESCRIPTION
22/3/97	EWM	262	21	All areas of cabin, breathing difficulties, tight chest take/off and landing. Headache tingling in nose etc nausea.
8/4/97	EWS	104	21	Rear to mid cabin eye and throat irritation burning noses, cruise till top of descent.
8/4/97	EWS	283	21	Headaches, burning sense in nose, dizzy, vague, dry throat, oily taste fatigue.
9/4/97	EWS	67	53	In c/pit, on ground till cruise eye and throat irrit.
11/4/97	EWI	276	51	Chemical odour. Stinging eyes cabin and c/pit.
12/4/97	?	64	54	Nausea on descent, salivating, headache, clammy and sweaty.
14/4/97	EWS	122	55	Eye and throat irritation headache, dizzy, faint, nausea, vague, respiratory distress, vomiting.
16/4/97	EWS	273	52	Sinus symptoms, throat irritation, unusual taste, hypoxia.
21/4/97	EWI	254	50	Top of descent, tight chest stinging eyes, pain in nose light headed and faint.
30/4/97	JJS	490	62	Rear cabin plastic chemical smell. Throat irritation on take-off.
30/4/97	JJT	62	63	Eye irritation rear cabin on descent.
1/5/97	JJS	490	42	Fuel smell rear cabin.

DATE	REG	FLT	RESP	DESCRIPTION
2/5/97	JJP	134	43	Fuel smell on boarding.
2/5/97	EWI	262	41	Crew felt dizzy by end of 4th leg and for 20 mins after.
5/5/97	EWM	548	57	Nausea. 5 days S/L. Inflamed liver. Cause unknown.
9/5/97	EWI	254	37	Smell after take off mid cabin.
13/5/97	EWS	262	40	Burning throat and nose. Light headed.
22/5/97	JJW	482	39	Smell, eye and throat irritation, oily taste in mouth on ground
25/5/97	EWR	151	38	Itchy eyes all stages.
15/6/97	JJT	323	36	Strong smell last stages descent and landing.
4/7/97	EWS	261	27	Nausea and stomach cramps.
17/7/97	JJ	117	28	Nausea. Lethargy. Very noticeable fumes. Headache.
23/7/97	JJQ	323	29	Smell rear galley area. Taxiing, climb. Throat.
23/7/97	JJQ	347	30	Acid, chemical smell on taxiing. Dry throat and nasal passages. Desire to cough persistent.
26/7/97	JJT	490	8	Smell like varnish in c/pit on ground till cruise.
27/7/97	JJU	482	31	Smell rear cabin.
27/7/97	JJQ	392	32	Odour on taxiing. Dry cleaning fluid
29/7/97	JJQ	393	33	Odour. Take off and ldg at L1. Nausea top of descent.

DATE	REG	FLT	RESP	DESCRIPTION
30/7/97	JJP	490	34	Odour from LHS vent in c/pit in cruise. Sneezing & nasal irritation.
1/8/97	JJU	326	35	Oily smell in c/pit after take-off.
8/8/97	JJW	1481	20	Smell in c/pit on ground.
9/8/97	EWI	285	21	Oil smell climb and descent eye throat irritation.
18/8/97	JJQ	487	22	Smell fwd cabin. Nausea throat irritation. Headache.
21/8/97	JJQ	487	19	Acrid smell rear cabin on take off. 30 minutes into flt all through cabin.
21/8/97	JJQ	457	18	Acrid smell rear cabin. Dissipated on ground.
24/8/97	EWR	64	16	Nausea on t/off hot sweats headache 2nd leg, vomited. Light headed, fuel, gas smell rear and fwd cabin.
24/8/97	EWS	263	17	Electrical chemical smell. Nausea all stages of flt.
29/8/97	JJT	354	15	Capt noticed slight but definite smell in c/pit after take/off.
20/9/97	EWS	261	68	No odour. Stuffy cabin. Breathing difficult. Nausea. Vomiting. Metallic taste.
21/9/97	EWS	2261	24	Oil smell evident c/pit 1st fly this day. APU air on. Throat irritation.
23/9/97	JJS	485	23	Sore throat. Light headed. Odour on ground. Headache. Oily aftertaste c/pit & cabin.

DATE	REG	FLT	RESP	DESCRIPTION
28/9/97	EWM	60	26	Tight chest. Shallow breathing Running nose. No odour. 4 legs.
30/9/97	EWR	264	25	Eye irritation, sore throat oily smell rear cabin tight chest headache.
30/9/97	EWR	51	25	As above.
2/10/97	JJP	134	43	Fuel smell on boarding.
5/10/97	JJP	480	43	Fumes on boarding a/c persisted in flt. Metallic taste, sneezing all cabin zones. Stronger fumes rear cabin on shutdown.
5/10/97	EWS	2130	71	Mid cabin hot metal smell cruise.
5/10/97	JJP	481	43	Rear cabin throat irritation respiration difficulty headache. After take-off.
6/10/97	JJP	139	62	Smell on take-off. Sulphur, metallic taste. Odour fwd cabin also.
6/10/97	EWI	262	63	Hot cabin from take-off and all flt. Light headed Slight hypoxia.
26/10/97	EWS	267	69	Rear cabin vomit smell.
29/10/97	EWR	254	70	Fwd galley, cruise, throat irrit.
29/10/97	EWS	151	4	Fwd cabin on climb, c/pit odour. Eye throat irritation h/ache. Dizzy nausea Capt on 02 a/c grounded.
29/10/97	JJX	328	8	Smell oil fumes in c/pit on ground, taxi and take-off.

DATE	REG	FLT	RESP	DESCRIPTION
4/11/97	JJU	492	66	Oil fumes smell mid cabin on ground.
7/11/97	JJW	404	64	Rear & fwd cabin, eye irritation respiratory difficulty, headache fatigue take-off & descent 5 day trip this a/c Purser still off flying Loss of motor co-ordination, slurred speech etc.
8/11/97	EWS	263	65	Rear f/a seat after take-off. Nausea and salivation. Light headed dizzy.
8/11/97	JJW	407	12	Increase in pressure after take off. Pax experienced nausea, hot. Seated 2A.
8/11/97	JJW	407	13	Pax felt puffy eyes & face. breathless, pressure in head and chest, take-off and Ldg.
8/11/97	JJW	407	14	Pax felt nausea. burning head, stomach queasy, t/off & ldg.
8/11/97	JJW	404	6	Nausea, hot, giddy exhaustion. 5 day trip.
8/11/97	JJW	404	7	After take-off.
8/11/97	JJW	407	11	Pax felt same effects and cock/pit crew.
10/11/97	JJW	372	8	Smell, throat irritation on ground, taxi, take off.
16/11/97	EWR	278	10	Trembling hands, hot, tingling, sweating, dizzy, laboured breath on descent. No fumes.
21/11/97	EWS	266	3	Eye and throat irritation nausea dizzy, light headed, salivation.

DATE	REG	FLT	RESP	DESCRIPTION
21/11/97	EWR	278	4	Nausea, fatigue, salivation. Hot. Dizzy on descent.
22/11/97	EWS	272	4	Eye, throat irritation, nausea dizzy, light headed, salivation.
24/11/97	EWM	122	5	Smell in c/pit on ground.
28/11/97	EWM	273	9	Acrid oily smell. Eye irritation lungs heavy, headache, breathless fwd and rear cabin.
6/12/97	EWS	151	72	Nausea, diarrhoea, dizziness, pressure in head, hot.
13/12/97	EWM	272	56	On ground. Smell only.
10/12/97	EWS	276	72	Nausea, dizziness, over heating severe headache, no odour.
21/12/97	JJT	68	74	Lethargic, weak on arrival. Other f/a sore itchy eyes, throat.
28/12/97	JJW	323	75	Cruise, strong burning rubber smell rear galley. Throat irritation headache.
2/1/98	EWS	2273	4	Fwd cabin. Nausea, salivation, hot and dizzy.
4/1/98	EWM	64	73	After take-off. Gas smell, headache.
21/1/98	JJS	2330	2	Chemical odour. Light headed on ground.
23/1/98	JJS	323	35	Oily smell in c/pit on ground.
24/1/98	JJQ	417	1	Burnt smell after take-off.
24/1/98	JJS	370	76	Strong fumes on taxiing throughout cabin.

DATE	REG	FLT	RESP	DESCRIPTION
24/1/98	EWR	261	77	On approach in cockpit.
1/2/98	EWS	263	72	Pax. Rear cabin. Throat irritation. Nausea.
1/2/98	EWS	262	78	Nausea throat irritation.
2/2/98	EWM	64	79	Tight chest. Eye irritation headaches.
6/2/98	JJX	499	80	Synthetic oily smell on take-off in cockpit.
8/2/98	JJT	393	81	Rear and fwd cabin. Electrical smell from air-con ducts. On take-off and 1dg.
8/2/98	JJT	392	82	On ground taxiing in, then turning before take off, fwd and rear cabin. Eye, throat irritation, smell.
9/2/98	EWS	277	72	Fwd and rear cabin, no odour, eye irritation after take-off until landing.
11/2/98	JJT	71	23	Hot metal fwd and rear cabin on ground.
11/2/98	JJT	481	83	T/off rear cabin metallic oil smell. Eye irritation 4 mins +.
11/2/98	JJT	77	83	Headache, sore eyes while taxiing.
11/2/98	JJT	62	83	Take-off climb and landing rear cabin.
14/2/98	EWM	64	1.	Burning electrical smell then chemical. Faint dizzy, chest pain, light headed. On climb.
14/2/98	EWM	151	1.	Headache, nauseous, as above sector

DATE	REG	FLT	RESP	DESCRIPTION
27/2/98	EWS	262	2.	Stale sickly smell. Felt dizzy and shakey. Fumes from F/O's air vent rhs Ground, T/off, landing. APU on.
27/2/98	EWR	151	3	Cruise, engine air selected FWD galley. Eye and throat Irritation
17/3/98	JJQ	401	4	Shortly after take-off a noxious odour. Oil type smell.
23/3/98	EWI	273	5	Nausea, dizzy, shaking, difficulty breathing, numb toes fingers, tingling back scalp tongue. Improvement on descent using oxygen cylinders. Rear cabin, engine air.
2/4/98	EWS	282	6	Fwd cabin, petro-chem smell. On ground, disembarkation Strange taste in mouth APU operating. Instant headache.
7/4/98	EWR	151	7	Rear cabin during cruise Gasoline smell rows 16-18 Take-off and climb. Fatigue.
10/4/98	EWI	142	8	Rear cabin, acid smell, eye and throat irritation. Nausea, coughing. Tight chest 3 times during flt. During climb, engine air selected. Asthma attack induced. Sick leave.
17/4/98	JJS	370	9	Oily smell on ground. Flt deck only. Nausea.
19/20/4/98	EWR	131	10	All sections cabin .Nausea, odour, eye/throat irritation, faintness.

DATE	REG	FLT	RESP	DESCRIPTION
16/17/4/98	EWI	131	.10	All sections of cabin. Eye/throat irritation. Metallic taste, stale smell, dryness, headache. Faintness.
20/4/98	EWM	278	11	Descent. Rear cabin. Foul smell. Headache f/a working rear cabin. Methane type odour row 15 to rear. APU s switched over at 4,000.
22/4/98	JJP	401	12	On pushback. Smoke detector in rear toilet. Blue smokey haze in rear cabin. Fire-fighting procedure initiated. Capt said it had occurred the day before. Fumes, burning eyes/throat irritation. APU selected.
17/4/98	EWM	4	5	On descent, metho smell approx. 1 minute duration fwd cabin. Sore throat nausea headache on descent. Engine air, no vents operating in cabin.
16/4/98	EWM	?	13	Air vents not working. MEL 3 day limit. Cabin fan U/S.
13/5/98	JJS	392	14	Strong burning rubber smell mid cabin, 4-7 minutes descent. Headaches. Engine air.
18/5/98	JJX	319	15	Odour pre flt all cabin and flt deck. Headache nausea. APU air.
21/5/98	JJU	346	16	Smell when pax boarding. Strong acrid odour on take-Off, and inflt after turbulence.

DATE	REG	FLT	RESP	DESCRIPTION
21/5/98	JJU	342	19	On climb, smell rear galley burning, engine air.
23/5/98	JJP	382	17	Fwd and rear galleys. Strong electrical odour/fire. Eye/throat irritation, dizziness. Take-off and ldg. APU Change-over from engine.
23/5/98	JJP	407	18	Rear cabin burning smell on climb, APU air.
24/5/98	JJU	319	20	Hot oil smell, eye irritation, metallic taste, nausea, heavy head. Sore throat coughing after flt. Slight mist in cabin. Rear cabin at engine change over on take-off.
26/5/98	JJU	381	21	All sections of cabin, from start up on ground taxiing. APU air selected. Tight Chest, light headed, heavy Dusty feeling in throat.
26/5/98	JJU	380	21	On crew boarding, over-powering oily smell. Pack burn slight improvement. Rear cabin smell returned on climb.
29/5/98	JJP	329	22	Chemical smell rear and forward cabin take-off APU selected. Throat irritation, headaches.
31/5/98	JJS	62/77	23	Oily metallic smell, dizzy, eye irritation. On ground, take-off. APU selected.
1/6/98	JJU	375	14	Eye irritation, mild hypoxia dry eyes, skin, mouth, nausea, salivation, mild head-ache. No odour. Engine air.

DATE	REG	FLT	RESP	DESCRIPTION
2/6/98	JJS	380	23	Oily, CO vomitous smell. On crew boarding, eye and Throat irritation. Nausea. APU air selected. All cabin.
2/6/98	JJS	381	23	As above. Metallic, dusty taste. Stinging, streaming eyes APU air selected. APU MEL'd.
3/6/98	JJT	319	15	After take-off during climb. Eye irritation.
4/6/98	EWR	262	24	Flt deck, mild oily odour all phases of flt. Headache, eye throat irritation APU air selected.
25/6/98	JJT	310	9	Flt deck. Oily, vinegar smell. APU air. On ground on climb.
26/6/98	EWM	276	27	Fwd cabin flt deck. Eye
27/6/98	EWM	271	27	Eye irritation, respiratory difficulties. PU on 02 on descent. APU not operating Engine air selected
28/6/98	EWM	131	28	Hot and clammy, shortness of breath, disorientation, metallic taste, nausea, headache, fatigue.
28/6/98	EWM	261	29	Eye and throat irritation. Mild hypoxia. Whole cabin During cruise. Engine air.
1/7/98	EWI	285	25	Eye throat irritation. On climb. Engine air, rear cabin Chemical, burning smell.

DATE	REG	FLT	RESP	DESCRIPTION
9/7/98	JJU	406	26	Rear cabin, take-off and climb, chemical (chlorine?) cleaning fluid smell. Nausea and headache. APU and eng.
10/7/98	JJU	310	21	Flt deck and all cabin areas. On boarding ground. Felt intoxicated. Difficulty Concentrating. Memory lapse. Dissipated after take-off.
10/7/98	JJU	310	21	Sweet, acidic smell next sector on descent landing. Engine air selected.
14/7/98	JJW	392	30	On descent, burning throat, rear cabin. APU air selected
18/7/98	EWM	541	32	Eye and throat irritation Light headed. Rear cabin.
20/7/98	EWR	285	31	Rear cabin after t/off at
28/7/98	JJW	343	24	Occasional acrid oily odour flt deck. Engine air. Eye throat irritation. During cruise.
30/7/98	JJS	381	.33	Smell on boarding a/c. Child pax 13 yrs felt nauseous. Parent said it was the smell.
2/8/98	JJX	391	34	Burning plastic smell in flt deck on take-off. Engine air
4/8/98	JJP	310	35	Electrical odour, rear cabin, descent and landing. Slight headache. APU selected.
4/8/98	JJP	310	35	Next sector, all flight odour, above last row of seats, headache became more severe after take-off 2 nd sector APU and engine air

DATE	REG	FLT	RESP	DESCRIPTION
4/8/98	JJP	310	23	Headache instant when working rear galley. Smell all flight, became worse on landing. APU and Eng. Air.
26/8/98	JJP	62	9	On ground, climb, descent Varnish smell, metallic taste Flt deck, consistent with APU air on.
19/9/98	JJS	499	21	Fwd cabin fog/mist in cabin usual ? sweet smell. Descent engine air selected.
26/9/98	JJT	2380	36	Strong chemical smell. APU take-off rear cabin.
19/10/98	JJX	374	18	Rear cabin, nauseous after landing previous flt 321.
6/11/98	EWM	542	37	Chemical taste in throat Taxiing for take-off, And on descent. Tight chest, Throat discomfort. consistent with changing from Engine to APU air.
7/11/98	JJT	234/5	38	Rear cabin fumes and fwd Throat irritation. 2 pax had Headaches. Slight respiratory problems. Climb, cruise. Engine air.
10/11/98	EWR	285	31	Flt deck. Sweaty sox oil smell shortly after start up and selecting APU. Dissipated on taxi
12/11/98	EWI	104	37	On taxi, metallic taste, general feeling of un-wellness, mild hypoxia, light headed. Cruise, eng. Air.

DATE	REG	FLT	RESP	DESCRIPTION
12/11/98	EWI	231	39	Rear cabin, odour, eye, throat irritation, strong smell during cruise. Engine air.
22/11/98	JJX	327	40	Smell, eye irritation after take-off. Smelt like fuel. Engine air.
22/11/98	JJX	?	41	On take off both f/a's felt unwell. Light headed, dizzy, blurred vision rear cabin. Fwd cabin PU developed thumping headache. One had to sit down after Landing due faint, nauseous.
13/12/98	JJQ	364	42	Rear cabin, all stages of sector. Dizziness, faint, confusion, nausea, fatigue, headache. 6 pax and 1 ccm. Pax vomited. APU and engine air selected.
18/1/99	EWI	266/7	43	Eye throat nose irritation Cruise. Engine air. All cabin
19/1/99	EWI	266/7	43	Headache nausea, throat irritation Poor ventilation
20/1/99	JJT	320/3	24	Oily foul odour, at switch over from engine air to APU in flt deck. On descent. Nasal irritation.
8/2/99	JJT	394/5	45	Flt deck. Smell, headache nausea, dizziness. Cabin crew no odour but mounting nausea, light headed.
9/2/99	JJT	393	22	Fwd cabin flt deck. On ground during climb. Supply duct inoperative. APU and engine air. Eye irritation headache, hypoxia, nausea. Cabin crew took O2.

DATE	REG	FLT	RESP	DESCRIPTION
9/2/99	EWM	277	31	Flt deck odour only. F/o sneezed. APU air selected On ground.
12/2/99	EWS	131	47	Air con pack U/S. Hot, tight chest, light headed. PU on 02. Later nauseous. Flt deck hotter than cabin. F/O had to sit in terminal After previous flt to recover.
16/2/99	EWS	131	48	Cabin never cooled down Extremely uncomfortable Working conditions.
28/2/99	EWI	268	47	APU u/s. Hot and uncomfortable until in the air.
1/3/99	EWI	261	47	As above.
8/3/99	EWS	271	49	Fumes in flt deck while on ground, taxi and t/off. And landing at switch over To APU from engine air. Eye and throat irritation.
8/3/99	EWS	231	49	As above.
8/3/99	EWS	231	50	Musty odour in flt deck. Flt deck crew asked PU to Bring sample kit fwd.
23/3/99	EWS	543	51	Only one air con pack working. Pax and cabin crew complained of heat, lack of air. Pax smelt fumes mid cabin, felt nauseous.
2/4/99	EWI	?	54	Cabin crew had headaches, sore eyes from duty previous night into CBR.

DATE	REG	FLT	RESP	DESCRIPTION
11/4/99	JJS	369	46	Rear cabin, foul, dirty odour Nose itchy, dry, eye irritation. Breathing difficulty. Cabin crew 1 on 02. Cruise, engine air selected.
4/5/99	EWS	261	52	Smell only. Flt deck. APU air on ground.
10/5/99	EWI	263	53	Electrical, heat smell. On descent. Engine air.
6/6/99	EWR	4	57	Rear cabin. Burning oil smell. Felt faint, tingling fingers and hands, throat irritation, metallic taste. Hard to concentrate to Take air sample. On approach. Bad headache after.
6/6/99	EWM	266	14	Pax reported terrible smell rear mid cabin. Burning. On cruise, engine air selected
23/6/99	EWS	542	55	Oil smell flt deck on ground with APU air selected.
27/6/99	EWR	4/67	56	No odour, nausea, visual disturbances, breathing difficulties, tingling fingers, rushes of energy at top of head. Most severe at take-off and Landing.
30/6/99	EWS	104	58	On boarding a/c cheesy, dirty socks smell. Vented a/c by opening doors. Probably APU air selected.
7/7/99	EWR	262	59	Headache, breathlessness, cabin overheated. Inadequate airflow.

DATE	REG	FLT	RESP	DESCRIPTION
23/7/99	EWS	151	60	Rear and mid cabin after take-off strong acidic smell Cabin crew were hot, shivery, had headaches. APU air Selected for landing.
23/7/99	EWS	151	61	Pungent smell rear of a/c Felt ill just after take-off Acidic oily smell. F/a relieved from further duty.
23/7/99	EWS	151	62	Burning in back of throat, Cabin extremely hot. Asked for cabin to be Cooled. Did not happen. Nauseous on landing Cabin crew taken to medical centre after landing.
25/7/99	JJQ	399	21	Fume occurrence on descent. Possible oil leak. Mid/fwd cabin. Strong Oily odour. Engine air Selected.
25/7/99	EWS	535/4	63	Eye and throat irritation. On descent. APU air.
31/7/99	EWS	273	64	Flt deck. Smell, eye throat irritation. Cruise descent, engine air.
3/8/99	JJX	372	66	Chemical fumes rear and Fwd cabin. Nausea, pale, clammy, shaking. APU air on take-off.
5/8/99	JJP	319	67	Oil, mechanical smell. All cabin. Pax complained on push back and start up APU air selected.
5/8/99	JJT	367	68	Rear and fwd cabin, oily burning smell, short burst of nausea, just after take-off. Engine air selected.

DATE	REG	FLT	RESP	DESCRIPTION
6/8/99	JJT	372/3	65	Oily smell, just after power on for take-off both sectors. Rear cabin.
11/8/99	JJT	347	69	Hot engine oil smell. Rear cabin on climb. Throat Irritation. Light headed. Engine air selected
11/8/99	EWS	151/122	51	APU u/s. cabin became hot and oppressive on t/around. Asked for cabin to be cooled 5 times during flt, to no lasting effect.
11/8/99	EWS	64	52	Fumes in flt deck. Smell only.
12/8/99	EWS	266/7	70	Smelly socks. Fwd cabin and flt deck. Climb, APU and engine air.
19/8/99	JJQ	343	66	Dirty socks, vomit type odour. Eye and throat irritation Light headed and headaches. Rows 5-6. Engine air, cruise APU not operating.
19/8/99	EWS	151	71	1 st sector, huge headache, no smell. 2 nd sector metallic smell at row 10. Burning, gritty eyes, metallic taste. Crew deplaned BNE sent to Drs. Sore throat all night.
20/8/99	EWM	263	52	Flt deck. Acrid oil smell. Throat irritation. On take-Off. Engine air selected.
20/8/99	EWS	104	72	Rear and fwd cabin. No odour, dry eyes and throat. All cabin crew felt ill. APU not operating. Engine Air selected. Shakey and Bad taste in mouth

DATE	REG	FLT	RESP	DESCRIPTION
21/8/99	EWS	151	73	Pax seated mid cabin reported strong burning rubber smell during cruise. APU not operating. Engine air.
26/8/99	JJU	319	74	Fluid leaking on taxi for take-off. Fluid stopped so departed. Smell evident on climb. Crew moved to fwd cabin away from odour. Burning oil smell. Throat Irritation and nausea. APU Operating. Engine air selected.
27/8/99	JJU	310	67	Smell rear and mid cabin. Oily smell. Pack burn had been done prior to crew boarding. Hot and uncomfortable. APU air selected.