

## Selected Smoke, Fire and Fumes Events in the United States and Canada, December 2008–March 2009

Event Date	Flight Phase	Event Airport	Event Classification	Event Sub-classification	Aircraft Model	Operator Name
Dec. 2, 2008	Climb		Return to airport, unscheduled landing	Smoke in cockpit	EMB-145	American Eagle Airlines
Crew reported on climb-out strong odor of smoke in cockpit.						
Dec. 3, 2008	Climb		Unscheduled landing	Smoke in cockpit	EMB-120ER	SkyWest Airlines
Burning odor in cockpit and cabin accompanied by smoke.						
Dec. 3, 2008	Cruise		Unscheduled landing	Smoke in cockpit	Boeing 757	Delta Air Lines
Flight crew reported smoke and fumes in the flight deck.						
Dec. 6, 2008	Climb		Unscheduled landing	Smoke in cockpit	B-100	Corporate
During climb crew noticed odor of electrical smoke in cockpit. After leveling off, cabin crew noticed odor of smoke in cabin. O <sub>2</sub> masks donned.						
Dec. 8, 2008	Climb	Teterboro, New Jersey (TEB)	Diversion, unscheduled landing	Smoke in cabin	Cessna 750	Corporate
Departing TEB flight crew reported at 40,000 ft smoke in the cabin, diverted to Port Columbus, Ohio (CMH)						
Dec. 9, 2008	Takeoff		Emergency landing, return to airport	Smoke in cabin	Boeing 737	Airtran Airways
Upon takeoff flight attendants reported smell of smoke in cabin.						
Dec. 10, 2008	Cruise	Milwaukee, Wisconsin (MKE)	Unscheduled landing	Smoke in cockpit	B-1900	Corporate
On departure pilots reported smoke smell and sparks near the bottom of the first officer's windshield.						
Dec. 11, 2008	Climb	Houston, Texas (IAH)	Return to airport, unscheduled landing	Smoke in cabin, smoke alert	EMB-145XR	Continental Express Airlines
Crew reported a lavatory smoke warning in flight. The cabin filled with smoke minutes after takeoff.						
Dec. 18, 2008	Cruise	San Juan, Puerto Rico (SJU)	Diversion, unscheduled landing	Smoke in cockpit	Boeing 737	Delta Air Lines
Burning smell in cockpit at cruise, diverted to SJU.						
Dec. 21, 2008	Climb		Return to airport, unscheduled landing	Smoke in cabin	Boeing 737	Aerovías de México
Aircraft returned due to smoke in the cabin.						
Dec. 22, 2008	Cruise		Unscheduled landing	Smoke in cockpit	Falcon 50	Executive Jet Aviation
Smoke in cockpit originating from center console/FMS. O <sub>2</sub> masks donned.						
Dec. 24, 2008	Cruise	Lexington, Kentucky (LEX)	Diversion, unscheduled landing	Smoke in cabin	EMB-145LR	Chautauqua Airlines
Crew reported a smoke smell from emergency row. Flight diverted.						
Dec. 24, 2008	Cruise		Return to airport, unscheduled landing	Smoke alert, smoke in cabin, odor in cockpit	CL-600	Chautauqua Airlines
In flight, the crew reported a lavatory smoke caution message. Then, reported light smoke in the cabin and smoke odor coming from the vents in the cockpit.						
Dec. 28, 2008	Climb	Orlando, Florida (MCO)	Return to airport, unscheduled landing	Smoke in cabin	EMB-190	JetBlue Airways
Return to MCO. Fumes of unknown origin reported in cabin after takeoff.						
Dec. 30, 2008	Cruise	Columbus, South Carolina (CAE)	Emergency landing, return to airport	Smoke in cabin	CL-600	Mesa Air Group
Crew returned to the field and declared an emergency due to smoke in the lavatory and aft cabin.						
Jan. 9, 2009	Climb	Newark, New Jersey (EWR)	Return to airport	Smoke in cabin	EMB-145XR	Continental Express Airlines
During climb-out, flight attendant smelled fumes and smoke in the cabin and lavatory.						
Feb. 13, 2009	Climb	Miami, Florida (MIA)	Return to airport, unscheduled landing	Smoke alert	ATR-72	American Eagle
While climbing through 4,000 ft, smoke master warning occurred, aircraft diverted.						
Mar. 12, 2009	En route		Emergency landing, return to airport	Fumes in cockpit, smoke alert	Boeing 757	Continental Airlines
Lavatory smoke alarm sounded, followed by fumes in cockpit.						

Source: FAA, SDR (Service Difficulty Report) data compiled by Safety Operating Systems