

## FLUENTPILOT.RU

– ПРОСТОЙ И ИНТЕРЕСНЫЙ СПОСОБ ПОВЫСИТЬ УРОВЕНЬ АВИАЦИОННОГО АНГЛИЙСКОГО

Активная лексика

### ENGINE MALFUNCTIONS

KEY WORDS	EXTRA VOCABULARY	EXAMPLE SENTENCES
frequently		Jet engine is one of the most frequently used in commercial aviation.
reliable		Modern jet engines are reliable and provide high speed and fuel efficiency over long distances.
jet engine	turbojet – турбореактивный turbofan – турбовентиляторный turboprop – турбовинтовой turboshaft – турбовальный	Turboprops, turboshafts and turbofans are derivatives of the gas turbine engine which compresses inlet air, mixes it with fuel, burns the mixture in the combustor and directs the hot and high pressure air through the turbine and the nozzle.
flameout	to flame out – глохнуть	A flameout is a run-down of a jet engine that occurs when combustion process inside the engine stops. Our right engine has flamed out, we are currently trying to restart it. Due to insufficient amount of oxygen at the cruising altitude of the airplane, both its engines flamed out.
engine fire	to catch fire – загораться	We have a left/right engine fire. Our left/right engine is on fire. The right engine caught fire after emergency landing.
tailpipe fire		Ground personnel witnessed a tailpipe fire and immediately informed the flight crew about it. It is hard for the flight crew to detect tailpipe fire as it does not result in activation of engine fire warning systems.
surge compressor stall		Surge or compressor stall is a disruption of the airflow going through a turbine or a compressor. Our right engine began to surge but we decided to continue the takeoff. The flight crew continued the takeoff and then shut down the engine because of repeated surges.
bird ingestion foreign object damage	bird strike – столкновение с птицей (птицами)	The fan blades got bent by the ingestion of a bird. Foreign object damage (FOD) may also occur from other sources such as tire fragments, runway debris or animals.
engine separation		The separation of the right engine occurred during the landing roll. Our left engine has separated
		uncommanded deployment of thrust reverser system
		engine seizure

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		The flight crew reported engine fuel system failure.
fuel contamination fuel starvation	severe engine damage – excessive vibration instant EGT increase	drop/decrease in fuel flow/pressure In case of a surge, the flight crew will hear a loud bang which will be accompanied by severe vibration. The fuel flow in both engines dropped 20 % with no change in thrust lever position. EGT has exceeded acceptable limits.