

National Transportation Safety Board

Uncontained Engine Failure and Subsequent Fire American Airlines Flight 383 Chicago, Illinois October 28, 2016 Operations and Survival Factors

presentation





Rejected Takeoff

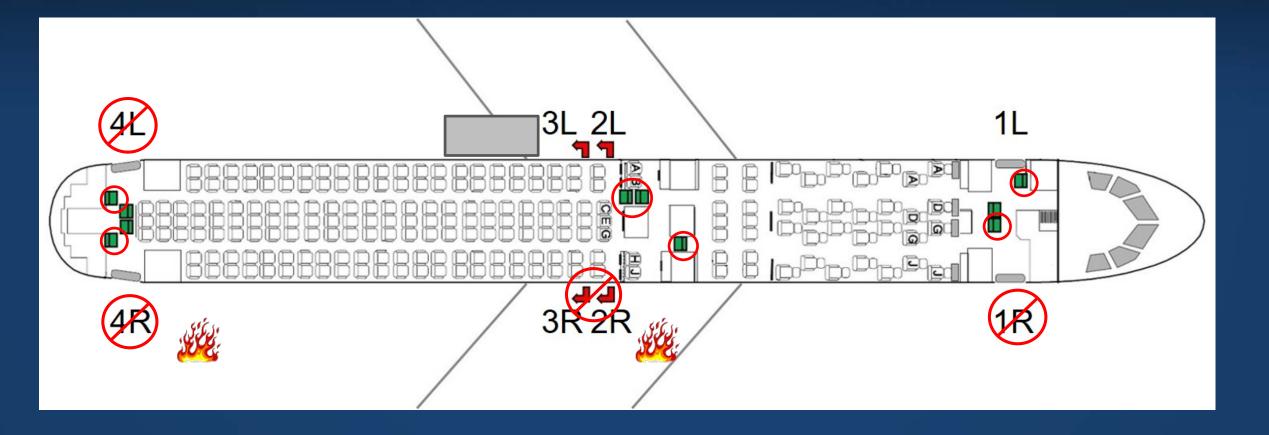
- Flight crew heard "bang"
- Decision to reject takeoff made before takeoff decision speed
- Flight crew advised air traffic control (ATC) of rejected takeoff
- ATC informed flight crew of fire

Engine Fire Checklist

- Flight crew began engine fire checklist
- Used for engine fires in flight and on ground
- No guidance to shut down unaffected engine on ground



Cabin Evacuation Summary





Unusable Attitude of 4L Slide





Flight Attendant Communication/Interphone

- Flight attendants did not initially receive instructions
- Two flight attendants experienced difficulty operating interphone
- Flight attendants did not communicate with flight crew or use evacuation signaling system
- Boeing 767 fleet operated with two different interphone models
- Lack of interphone hands-on training





Recurring Evacuation and Communication Issues

- Other accidents with similar evacuation and communication issues
 - Delta Air Lines LaGuardia airport (March 2015)
 - British Airways Las Vegas airport (Sept. 2015)
 - Dynamic Int'l Airways Fort Lauderdale airport (Oct. 2015)
- Federal Aviation Administration efforts to address issues insufficient



Passenger Carry-On Baggage

- Some passengers evacuated with bags
- Flight attendants' commands to leave bags ignored
- Carry-on baggage issue identified in NTSB's June 2000 safety study





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