



# 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



