



EMERGENCY PROCEDURES

Engine Failure or Fire or Master Warning During Takeoff

Speed Below V_1 - Takeoff should be aborted

1. BRAKES - MAXIMUM PILOT EFFORT
2. THROTTLES - IDLE
3. THRUST REVERSER DEPLOY ON UNAFFECTED ENGINE
4. THRUST REVERSER INDICATOR LIGHTS – CHECK ILLUMINATION OF ARM, UNLOCK, AND DEPLOY. LIGHTS
5. THRUST REVERSE POWER ON UNAFFECTED ENGINE
Call for the checklist

Speed Above V_1 - Takeoff should normally be continued

1. ROTATE - V_R
2. LANDING GEAR – UP (after positive rate)
3. CLIMB - V_2
4. Climb to Level Off Altitude
Call for the checklist

XLS

Speed Above V_1 - Takeoff should normally be continued

1. ROTATE - V_R
2. LANDING GEAR - UP (after positive rate)
3. CLIMB - V_2 until level off altitude
4. WING XFLOW - ON
(if wing anti-ice ON)

Engine Fire (LH or RH Engine Fire Warning Light on)

1. THROTTLE (AFFECTED ENGINE) IDLE
If light remains on:
2. ENGINE FIRE SWITCH (AFFECTED ENGINE) - LIFT COVER AND PUSH
3. EITHER ILLUMINATED BOTTLE ARMED LIGHT - PUSH
Call for the checklist

Engine Failure During Final Approach

1. AP TRIM DISC - PRESS AND RELEASE
2. POWER (OPERATING ENGINE) INCREASE AS REQUIRED
3. AIRSPEED - V_{app} (Minimum)
4. FLAPS - TAKEOFF AND APPROACH (15°)
Call for the checklist

Emergency Restart

Two Engines (Lower Altitudes)

1. IGNITION SWITCHES - ON
2. FUEL BOOST PUMPS - ON
3. THROTTLES - IDLE
Call for the checklist

Thrust Reverser Inadvertent Deployment During Takeoff

Speed Below V_1

Takeoff should be aborted

1. BRAKES - AS REQUIRED
2. THROTTLES - IDLE
Call for the checklist

Speed Above V_1

Takeoff should normally be continued

1. EMERGENCY STOW SWITCH EMER (AFFECTED ENGINE)
2. THROTTLE (AFFECTED ENGINE) CHECK IDLE
3. ROTATE - V_r
4. LANDING GEAR - UP AFTER POSITIVE RATE
(Do Not Exceed 140 KIAS Until T/R Stows)
5. CLIMB - V_2
Call for the checklist

Thrust Reverser Inadvertent Inflight Deployment

1. CONTROL WHEEL/AP TRIM DISG GRIP/PRESS AND RELEASE
2. EMERGENCY STOW SWITCH EMER
3. THROTTLE (AFFECTED ENGINE) CHECK IDLE
4. AIRSPEED - REDUCE TO 140 KIAS OR BELOW
Call for the checklist

Thrust Reverser Unlock Light On In Flight

1. EMERGENCY STOW SWITCH EMER
2. THRUST REVERSER LEVERS CHECK AT STOWED POSITION
Call for the checklist

Cabin Decompression

(CAB ALT Warning Light On)

1. OXYGEN MASKS - DON AND 100% OXYGEN
2. MICROPHONE SWITCHES - MIC OXY MASK
3. EMERGENCY DESCENT - AS REQUIRED
Call for the checklist

Emergency Descent

1. AP TRIM DISC - PRESS AND RELEASE
2. IGNITIONS - ON
3. THROTTLES - IDLE
4. SPEEDBRAKES - EXTEND
5. AIRPLANE PITCH ATTITUDE APPROXIMATELY 20° NOSE DOWN
Call for the checklist

Environmental Smoke or Odor

1. OXYGEN - DON AND EMER
2. MICROPHONE SWITCHES - MIC OXY MASK
Call for the checklist

Smoke Removal

1. OXYGEN - DON AND EMER
2. MICROPHONE SWITCHES - MIC OXY MASK
Call for the checklist

Electrical Fire or Smoke

1. OXYGEN - DON AND EMER
2. MICROPHONE SWITCHES - MIC OXY MASK
Call for the checklist

Battery Over Temperature

1. AMPERAGE - NOTE
2. BATTERY SWITCH - EMER
3. AMPERAGE - NOTE DECREASE
Call for the checklist

Autopilot Malfunction

1. AP TRIM DISC SWITCH – PRESS AND RELEASE
Call for the checklist

Emergency Evacuation

1. PARKING BRAKE SET
2. THROTTLES - OFF
3. LH/RH ENGINE FIRE SWITCHES - BOTH PRESS
4. LH/RH FIRE BOTTLE ARMED SWITCHES - BOTH PRESS
5. APU MASTER SWITCH - OFF
6. BATTERY - OFF
Call for the checklist

APU Fire

(APU Fire Light Illuminated)

1. APU FIRE WARNING SWITCH - LIFT COVER AND PUSH

Wheel Brake Failure

1. BRAKE PEDALS - REMOVE FEET
FROM BRAKE PEDALS
2. EMER BRAKE HANDLE - PULL AS REQUIRED

Windshear Warning - XLS

1. THRUST - T/O DETENT
2. AIRPLANE PITCH ATTITUDE - INITIAL PITCH UP 10°
(Flight Director Go-Around)
3. SPEED BRAKE – CONFIRM RETRACTED

Inadvertent Stall (Stick Shaker, Buffet, and/or Roll-Off)

1. AUTOPILOT - DISCONNECT
2. PITCH ATTITUDE – REDUCE
3. ROLL ATTITUDE – LEVEL
4. THROTTLES – MAXIMUM THRUST

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Engine Start Malfunction (Engine Does Not Start) and APU Start malfunction procedures will be performed by memory.

Engine Start Malfunction

1. THROTTLE - CUTOFF
2. START DISG BUTTON - PRESS
15 Seconds After Throttle OFF

High Sustained ITT During Ground Shutdown

1. THROTTLE - CUTOFF
2. ENGINE START BUTTON - PRESS
MOMENTARILY
3. START DISG BUTTON - PRESS
AFTER 15 SECONDS

If High ITT Continues

4. ENGINE FIRE BUTTON - PRESS
(Affected Engine)

APU Fail Light Illuminated Prior To APU Start

Indicated either a fire bottle pressure low or ECU detected fault

1. DO NOT START APU Until Condition Corrected