Version 1 PR 66

Emergency Checklists

Engine Malfunction During Takeoff (with sufficient runway ahead)

Thrust lever	IDLE
Brakes	APPLY
Flaps (if extended)	RETRACT
Engine master	OFF
Alternator, battery master	OFF
Fuel shutoff valve	CLOSED

Engine Malfunction Immediately After Takeoff

Airspeed	Flaps retracte	d: 65 KIAS
	Flaps extende	d: 60 KIAS
Fuel shuto	ff valve	CLOSED
Engine ma	ster	OFF
FlapsAS REQUIRED (30°		
recon	nmended)	
Alternator,	battery master	OFF

Engine Malfunction During Flight

Fuel shutoff valve OPEN (push full in) Fuel selector **BOTH** Electric fuel pump ON Land ASAP.

Restart After Engine Failure Note: If the propeller stops at an

airspeed \geq 65 KIAS, the reason for

stoppage should be discovered before attempting a restart. Airspeed 65-85 KIAS (max 100 KIAS) BELOW 13,000 FT Altitude Fuel shutoff valve OPEN (push full in) Fuel selector **BOTH** Electric fuel pump ON Thrust lever **IDLE** Engine master OFF THEN ON If propeller does not turn, then starter ON

Check engine parameters, power

Thrust lever

FADEC Malfunction in Flight: One FADEC Light is Flashing

FADEC test knob PRESS ≥ 2 seconds If FADEC light extinguished (LOW warning): Continue normal flight

If FADEC light illuminated steady (HIGH warning):

Monitor the other FADEC light Land ASAP

Select airspeed to avoid engine overspeed

FADEC Malfunction in Flight: Both FADEC Lights are Flashing

CED load displayCONSIDER **UNRELIABLE**

FADEC test knob PRESS \geq 2 seconds If FADEC lights extinguished (LOW warning):

Continue normal flight If FADEC lights illuminated steady (HIGH warning):

Check the available engine power Expect engine failure

Select airspeed to avoid engine overspeed

Land ASAP

In case a fuel tank was flown empty: Fuel selector BOTH Electric fuel pump ON Check the available engine power, thrust lever response

Land ASAP

Abnormal Engine Behavior

If the engine acts abnormal during flight and the system does not automatically switch to the B-FADEC, it is possible to switch to the B-FADEC manually.

ON

Select an appropriate airspeed to avoid engine overspeed

Force-B switch Be prepared for an emergency

landing Land ASAP

FULL

Emergency Checklists

OFF

OFF

ON

Engine Fire When Starting Engine on Ground OFF Engine master Fuel shutoff valve **CLOSED** Electric fuel pump OFF Battery master OFF Fire extinguisher USE

Engine Fire During Takeoff (on Ground)

Engine master	OFF
Fuel shutoff valve	CLOSED
Electric fuel pump	OFF
Battery master	OFF
Fire extinguisher	USE

Engine Fire in Flight

Engine master		OFF
Fuel shutoff valve	CLO	DSEC
Electric fuel pump		OFF
Battery master		OFF
Cabin heat and air		OFF
Airspeed	65	KIAS
Emergency Landing	With Engine	RUN
Out procedure		

Electrical Fire In Flight Avionics master Cabin heat and air. vents

Avionics master

Fire extinguisher	USE
All electrical switches except	OFF
alternator, battery master, and	
engine master	
If fire continues:	
Battery master, alternator	OFF
Cabin heat and air, vents	ON
Check circuit breakers, do not res	et
open breakers	
If fire extinguished:	

Turn on electrical equipment required to continue flight and land ASAP. Switch breakers ON one at a time, with delay after each.

Engine Shut Down In Flight

Airspeed	Airspeed SELECT TO AVOID ENGINE	
	OVERSPEED (65 KIAS	
	RECOMMENDE	D)
Engine ma	ster	OFF
Fuel shuto	ff valve	CLOSED
Electric fuel pump		OFF
To stop propeller (if needed):		
Airspeed	ł	< 55 KIAS
When pr	opeller stopped	65 KIAS

Emergency Landing With Engine

Out		
Airspeed	Flaps up: 6	5 KIAS
	Flaps down	n: 60 KIAS
Fuel shutoff valve		CLOSED
Engine master		OFF
FlapsAS REQUIRED (RECOMMEND		
FULL)		
Alternator, batter	y master	OFF
Doors		UNLOCK
Touchdown	SLIGHTLY	NOSE UP
Brake		FIRMLY
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