Version 1

N72PE

PR 64

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 retracted	: 65 KIAS
	Flaps extended	l: 60 KIAS
Fuel shutoff	valve	CLOSED
Engine mast	er	OFF
FlapsAS REQ	UIRED (30°	
recomn	nended)	
Alternator, b	attery 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) Altitude BELOW 13,000 FT Fuel shutoff valve OPEN (push full in) Fuel selector **BOTH** Electric fuel pump ON Thrust lever **IDIF** OFF THEN ON Engine master If propeller does not turn, then starter ON Thrust lever **FULL**

Check engine parameters, power

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 ≥ 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:

BOTH

Abnormal Engine Behavior

Fuel selector

Land ASAP

Electric fuel pump

thrust lever response

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.

Select an appropriate airspeed to avoid engine overspeed

Force-B switch ON

Be prepared for an emergency landing

Land ASAP

Check the available engine power.

Emergency Checklists

OFF

OFF

	99
on Ground	
Engine master	OFF
Fuel shutoff valve	CLOSED
Electric fuel pump	OFF
Battery master	OFF
Fire extinguisher	USE

Engine Fire When Starting Engine

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	

Engine master OFF
Fuel shutoff valve CLOSED
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

time, with delay after each.

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	set
open breakers	
If fire extinguished:	
Avionics master	ON
Turn on electrical equipment	
required to continue flight and la	nd
ASAP. Switch breakers ON one at	a

Engine Shut Down In Flight

Airspeed	SELECT TO AVO OVERSPEED (6 RECOMMENDE	5 KIAS
Engine ma	ster	OFF
Fuel shutot	f valve	CLOSED
Electric fue	el pump	OFF
To stop propeller (if needed):		
Airspeed		< 55 KIAS
When pr	opeller stopped	65 KIAS

Emergency Landing With Engine Out

Out		
Airspeed	Flaps up: 6	5 KIAS
	Flaps down	: 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