**Version 1** 

PR 57

# **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	l: 65 KIAS
	Flaps extended	1: 60 KIAS
Fuel shutoff	valve	CLOSED
Engine mast	er	OFF
FlapsAS REC	UIRED (30°	
recomr	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  $\geq$  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: **BOTH** Fuel selector Electric fuel pump Check the available engine power.

#### **Abnormal Engine Behavior**

thrust lever response

Land ASAP

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

# **Emergency Checklists**

**OFF** 

Engine ine when Starting Engine	
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	OF	F
Fuel shutoff valve	CLOSE	)
Electric fuel pump	OF	F
Battery master	OF	F
Cabin heat and air	OF	F
Airspeed	65 KIAS	5
<b>Emergency Landing With</b>	Engine RUN	١
Out procedure		

#### **Electrical Fire In Flight** Avionics master

time, with delay after each.

, wiernes master	O
Cabin heat and air, vents	OFF
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:	
Avionics master	ON
Turn on electrical equipment	
required to continue flight and lar	ıd
ASAP. Switch breakers ON one at	a

## **Engine Shut Down In Flight**

Airspeed	OVERSPEED (6 RECOMMENDE	5 KIAS
Engine mas	ster	OFF
Fuel shutof	f valve	CLOSED
Electric fue	l pump	OFF
To stop propeller (if needed):		
Airspeed		< 55 KIAS
When pro	peller stopped	65 KIAS

# **Emergency Landing With Engine**

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