

Checklist

Robin 2160D

D-EIWR

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PREFLIGHT	
PREFLIGHT INSP.....	COMPL
CHOCKS & TIE DOWNS .	REMOVED
SUCTION VALVE	ACRO: OFF
PAPERS	ABOARD
CANOPY.....	CLOSED
PARACHUTE.....	FSTND
SEATBELTS PIC & CO ...	2X FSTND
PARKING BRAKE	RELEASED
BRAKES	TESTED
FUEL CUT OFF	PUSHED IN
ELEVATOR TRIM	T/O (~ "6")
CARB HEAT	OFF
BATT & ALTERNATOR....	OFF
FUEL PUMP	OFF
MIXTURE.....	FULL LEAN
CIRCUIT BREAKERS	LH ALL OFF RH ALL IN
ELECTRICAL SWITCHES	ALL OFF
FLIGHT CONTROLS.....	FREE

START ENGINE	
BATTERY	ON
ALTERNATOR.....	ON
ANNUNCIATOR LTS ...	TEST
USABLE FUEL.....	SUFFICIENT
MAX FUEL (ACRO)	120 LITERS
MIXTURE.....	FULL RICH
FUEL PUMP	ON
STROBE LIGHT.....	ON
GAUGES	CHECK
MAGNETO SWITCH ...	BOTH
CONTROL STICK.....	HOLD BACK
THROTTLE (cold eng)..	2-3 PUMPS 5 mm FWD
THROTTLE (hot eng)...	5 mm FWD
PROP	CLEAR
STARTER BUTTON....	PUSH
RPM	900
OIL PRESS ("bar")	GREEN
FUEL PUMP	OFF
AMPERES	FLUCTUATING
GYRO SUCTION	CHECK
MIXTURE.....	LEAN

BEFORE TAXI	
AVIONICS MASTER... ON	
VOLTS	GREEN 13,8V
COM / NAV.....	SET & TEST
XPDR	7000 & STBY
CIRCUIT BREAKERS.	CHECKED
ALTIMETER	SET ELEV/QNH
CANOPY EMGCY	SYSTEM..... 3 x CHKD
PARKING BRAKE	RELEASED

DURING TAXI	
BRAKES.....	TEST
GYROS & T/C	SET & CHKD

ENGINE RUNUP	
BRAKES.....	AS RQRD
FLAPS.....	CHKD
OIL PRESSURE	GREEN
OIL TEMP.....	RIISING
THROTTLE	1800 RPM
MAGNETO SELECTION..	L / R / both
MAX DROP	175 RPM
MAX DIFF L/R MAG....	50 RPM
CARB HEAT: TURN ON	20-200
then OFF ...	RPM DROP
THROTTLE IDLE.....	600 RPM
THROTTLE	900 RPM

BEFORE T/O	
CONTROLS.....	FREE
ELEVATOR TRIM.....	T/O (~ "6")
FLAPS.....	T/O (10°)
USABLE FUEL	SUFFICIENT
FUEL PUMP	ON
XPDR	7000 STBY
LDG LIGHT	ON
INSTRUMENTS.....	CHECK
MIXTURE	FULL RICH

T/O	
EMRGNCY BRIEFING.....	PERFORM
FULL POWER	2350 RPM
SPEED	ALIVE
LIFT NOSEWHEEL.....	EARLY
INITIAL CLIMB	130 km/h

AFTER T/O	
MIXTURE	FULL RICH
CARB HEAT	OFF
FLAPS.....	UP
FUEL PUMP.....	OFF
TRIM	ADJUSTED
ENG INSTR.....	CHKD
XPDR	ALT
TIME.....	COPIED

CRUISE	
THROTTLE	2100-2400RPM
MIXTURE	LEAN 3CM
FUEL PUMP	OFF
LDG LIGHT	OFF
FUEL QUANTITY	SUFFICIENT
ENG INSTR.....	CHKD
CIRCUIT BREAKERS.	LH AS RQRD RH ALL IN

ACROBATICS	
BAGGAGE & POCKETS...	SECURED
PARACHUTE	FASTENED
SEAT BELTS.....	FASTENED
CANOPY	CLOSED
CANOPY EMGCY SYST ..	3 x CHKD
FUEL PUMP (NEG "g")....	OFF
AIRSPACE	CLEAR
ATC CLEARANCE.....	RCVD

DESCENT / BEFORE LDG	
ALTIMETER	QNH
APPROACH BRFG.....	PERFORM
SPEED	ADJUST
LDG LIGHT	ON
FUEL PUMP	ON
CARB HEAT: TURN &	ON
MIXTURE	ENRICH
FLAPS.....	AS RQRD
SEATBELTS.....	FASTENED

FINAL	
CARB HEAT: TURN &	OFF
MIXTURE	FULL RICH
FLAPS.....	LDG
ELEVATOR TRIM.....	SET

AFTER LANDING	
CARB HEAT: TURN &	OFF
FLAPS.....	UP
FUEL PUMP	OFF
XPDR	STBY
LANDING LIGHT	OFF
TIME.....	COPIED

SHUTDOWN	
RPM	900 RPM
AVIONICS MASTER.....	OFF
MIXTURE	CUT OFF
IGATION KEY	REMOVED
BATT & ALT	OFF
ALL SWITCHES	OFF
TIE DOWNS / CHOCKS ...	APPLY
PARKING BRAKE	RELEASED

EMERGENCY

ENGINE FAILURE IN FLIGHT	
FIRST:	
FLY THE AIRCRAFT	& TRIM
GLIDE SPEED.....	140 km/h
FUEL SHUT OFF VALVE	PUSH IN
FUEL PUMP	ON
MIXTURE	PUSH IN
THROTTLE	¼ FWD
MAGNETO SWITCH	BOTH
IF PROP HAS STOPPED.....	STARTER
IF RESTART	adjust PWR
ENGINE & FUEL GAUGES....	CHECK

IF NO RESTART	
SEAT BELTS	TIGHT
SQUAWK.....	7700
RADIO CALL (121.5 MHz)....	MAYDAY
FUEL PUMP	OFF
MIXTURE	OFF
THROTTLE	IDLE
MAGNETO SWITCH	OFF
FUEL SHUT OFF VALVE	PULL OUT
ALTERNATOR.....	OFF
FLAPS.....	LDG
BATTERY	OFF
CANOPY	UNLOCKED
LAND	SAFELY