

# Checklist

# Robin 2160D

# D-EIWR

# Checklist

# Robin 2160D

# D-EIWR

<b>PREFLIGHT</b>	
PREFLIGHT INSP .....	COMPL
CHOCKS & TIE DOWNS .....	REMOVED
SUCTION VALVE .....	ACRO: OFF
PAPERS .....	ABOARD
CANOPY .....	CLOSED
PARACHUTE .....	FSTND
SEATBELTS PIC & CO ...	2X FSTND
PARKING BRAKE .....	AS RQRD
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

<b>START ENGINE</b>	
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

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

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

<b>ENGINE RUNUP</b>	
PARKING BRAKE .....	APPLIED
FLAPS .....	CHKD
OIL PRESSURE .....	GREEN
OIL TEMP .....	RISING
THROTTLE .....	1800 RPM
MAGNETO SELECTION ...	L / R / both
MAX DROP .....	175 RPM
MAX DIFF L/R MAG ..	50 RPM
CARB HEAT: <b>TURN ON</b>	20-200
then OFF ...	RPM DROP
THROTTLE IDLE .....	600 RPM
THROTTLE .....	900 RPM

<b>BEFORE T/O</b>	
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

<b>T/O</b>	
EMRGNCY BRIEFING .....	PERFORM
FULL POWER .....	2350 RPM
SPEED .....	ALIVE
ROTATION .....	100 km/h
INITIAL CLIMB .....	130 km/h

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

<b>CRUISE</b>	
THROTTLE .....	2100-2400RPM
MIXTURE .....	26-33 LIT/HR
FUEL PUMP .....	OFF
LDG LIGHT .....	OFF
FUEL QUANTITY .....	SUFFICIENT
ENG INSTR .....	CHKD
CIRCUIT BREAKERS ..	LH AS RQRD RH ALL IN

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

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

<b>FINAL</b>	
CARB HEAT: <b>TURN &amp;</b>	OFF
MIXTURE .....	FULL RICH
FLAPS .....	LDG
ELEVATOR TRIM .....	SET

<b>AFTER LANDING</b>	
CARB HEAT: <b>TURN &amp;</b>	OFF
FLAPS .....	UP
FUEL PUMP .....	OFF
XPDR .....	STBY
LANDING LIGHT .....	OFF
TIME .....	COPIED

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

## EMERGENCY

<b>ENGINE FAILURE IN FLIGHT</b>	
<b>FIRST:</b>	
<b>FLY THE AIRCRAFT</b> .....	& 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

<b>IF NO RESTART</b>	
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

