

CHECKLIST FOR OH-SRH MIK

20.10.2010

BEFORE START

PREFLIGHT CHECKS.....COMPLETED
REQUIRED DOCUMENTS.....ONBOARD
SEATBELTS AND HARNESS.....FASTENED
RADIOS, ELECTRICAL EQUIPMENT.....OFF
CIRCUIT BREAKERS.....CHECK
ALTERNATE AIR DOOR.....CLOSED
PARKING BRAKE.....SET

ENGINE START

FUEL SELECTOR.....BOTH
FUEL SHUT-OFF VALVE.....ON, PUSH FULL IN
THRUST LEVER.....IDLE
BATTERY, ALTERNATOR.....BOTH ON
LOAD DISPLAY.....CHECK 0%/-
ELECTRICAL FUEL PUMP.....ON
BEACON.....ON

CHECK BATTERY AND ALTERNATOR BOTH ON

ENGINE MASTER.....ON, WAIT FOR GLOW
PROPELLER AREA.....CLEAR
STARTER.....ENGAGE
OIL PRESSURE.....CHECK

IF NOT GREEN IN 3 SECONDS

SHUTDOWN ENGINE IMMEDIATELY

AFTER START

CEC TEST KNOB.....PRESS
AMMETER.....CHECK
ELECTRICAL FUEL PUMP.....OFF

FADEC BACKUP BATTERY TEST

ALTERNATOR.....OFF
BATTERY.....OFF

ENGINE MUST OPERATE NORMALLY

BATTERY.....ON
ALTERNATOR.....ON

ENGINE WARM-UP.....2 MINUTES AT 890 RPM

MAX RPM 1400 UNTIL ALL ENGINE PARAMETERS

SHOW UP AS GREEN

EXTERIOR LIGHTS.....AS REQUIRED
AVIONICS.....ON
FLAPS.....UP
DIRECTIONAL GYRO.....SET

TAXI

LIGHTS.....AS REQUIRED
BRAKES AND STEERING.....CHECK
FLIGHT INSTRUMENTS.....CHECK

BEFORE TAKE-OFF

PARKING BRAKE.....SET
FUEL SELECTOR.....BOTH
THRUST LEVER.....IDLE
FADEC TEST.....PERFORM
THRUST LEVER.....FULL FORWARD
.....MIN 94% (RPM 2240-2300)
AMMETER.....CHECK
VACUUM (4.6-5.4 InHg).....CHECK
THRUST LEVER.....IDLE
ENGINE GAUGES.....CHECK

CHECK ALL PARAMETERS SHOW UP AS GREEN

ANNUNCIATOR PANEL.....CLEAR

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MOBILE PHONES.....OFF

AUTOPILOT TEST

- LH / RH TRIM SWITCHES.....TEST SEPARATELY
- A/P DISC/TRIM INT SWITCH.....TEST TRIM INTERRUPT
- LH / RH TRIM SWITCHES.....TEST SIMULTANEOUSLY
- AUTOPILOT.....ENGAGE
- FLIGHT CONTROLS.....MOVE, OVERPOWER A/P
- A/P DISC/TRIM INT SWITCH.....DISCONNECT A/P
- A/P BARO.....SET
FLIGHT INSTRUMENTS.....CHECK
CIRCUIT BREAKERS.....CHECK
BELTS, HARNESS, SEATS.....FASTENED
DOORS, WINDOWS.....CLOSED
FLAPS (0-10).....AS REQUIRED
TRIM TAB.....TAKE-OFF
CONTROLS.....FREE AND CORRECT
NAVIGATION AIDS.....SET
TAKE-OFF BRIEFING.....PERFORMED
PITOT HEAT.....AS REQUIRED

LINE-UP

ELECTRICAL FUEL PUMP.....ON
TRANSPONDER.....SET
STROBE/NAV LIGHTS.....ON/AS REQUIRED
DIRECTIONAL GYRO.....SET
DEPARTURE TIME.....CHECK

OH-SRH SPEEDS

ROTATION.....	55 KIAS
Vx.....	65 KIAS
Vy.....	70 KIAS
FLAPS.....	<- 110/85 KIAS

AFTER TAKE-OFF

FLAPS.....UP
ELECTRICAL FUEL PUMP.....OFF

CRUISE

THRUST LEVER.....55-75%
ENGINE GAUGES.....MONITOR

DESCENT

FUEL SELECTOR VALVE.....BOTH
POWER.....AS DESIRED

BEFORE LANDING

FUEL SELECTOR VALVE.....BOTH
ELECTRICAL FUEL PUMP.....ON
EXTERIOR LIGHTS.....AS REQUIRED
AUTOPILOT.....OFF

AFTER LANDING

FLAPS.....UP
TRANSPONDER.....STBY
ELECTRICAL FUEL PUMP.....OFF
STROBE.....OFF
PITOT HEAT.....OFF

PARKING

PARKING BRAKE.....SET
AVIONICS.....OFF
THRUST LEVER.....IDLE
ENGINE MASTER.....OFF
ALTERNATOR, BATTERY.....OFF
CONTROL LOCK.....SET