

PRE-FLIGHT	• PREFLIGHT CHECK	COMPLETED
	• FUEL / OIL CAPS, COWLINGS	CLOSED / SECURED
	• OAT ≤ 4°C: FUEL ANTI-ICE ADDITIVE	ADDED
	• ROTOR BLADES	FREE / LEVEL / 45° OFF-CENTER
	• METEO / NOTAM / DABS	CHECKED
	• MASS & BALANCE	IN LIMITS
	• PEDALS	ADJUSTED & SECURED
	• FIRE EXTINGUISHER	INSTALLED & SECURED
	• CABIN & BAGGAGE	SECURED
	• PASSENGER BRIEFING	COMPLETED
	• DEPARTURE BRIEFING	COMPLETED
INTERIOR CHECK	• FRONT SEATS	FORWARD & LOCKED
	• DOORS / SEATBELTS	CLOSED, VERIFY LATCHED (2 x 3) / ON
	• FLIGHT CONTROLS	FRICT OFF, CHECK TRAVEL, FRICT ON
	• THROTTLE(S)	IDLE PILOT / IDLE FI
	• LANDING LIGHT	OFF
	• BATT, GEN, POSN LTS, PITOT HTR: OFF / REV PFD: NORM / ANTICOLL LT: ON	
	• PNL LT / HYD / ENGINE	AUTO / ON / OFF
	• BLEED AIR	OFF
	• DEFOG-HEAT / INT LTS / VENT	AS REQUIRED
	• EMERG FUEL SHUTOFF	AFT / WIRED
	• ROTOR BRAKE	OFF (AFT / UP)
BEFORE ENGINE START	• <i>FOR NIGHT FLYING</i>	<i>STANDBY INSTRUMENT.....ON</i>
	• BATT / FLARM	ON
	• <i>EXTERNAL POWER (if required)</i>	<i>CONNECTED</i>
	• GARMIN SYSTEM	POWER UP COMPLETE MFD INITIAL SCREEN ACKNOWLEDGE
	• MFD EXCEEDENCE LOGS	CHECK NONE
	• WEIGHT & BALANCE	INSERTED / FOB SYNC CFM W&B
	• ENGINE OUT AUDIO	VERIFY ACTIVATED / MUTE SK12
	• CHECK CAS MESSAGES DISPLAYED	XMSN OIL PRESS FUEL PRESS ENG OIL PSI LO ENG OUT GEN WOG – EXT POWER <i>if used</i>
	• HEADSETS	ON
	• AUD TST (ENG/TEST)..... PRESS TONES VERIFY	(G1000H FANS / RPM / MASTER WARN / LOW RRPM / ENGINE OUT / ECU FAIL / VNE WARN / 150 FEET / MASTER CAUT / ENGINE FIRE / IMPENDING EXCEEDENCE)
	• AUD TST CANCEL	
	• CHIP TST	PRESS / CHECK OK
	• FIRE TST	PRESS / CHECK OK
	• ANTICOLL LT	VERIFY ON
	• FUEL QTY	CHECK →→→→

**(BEFORE
ENGINE
START)**

• SETTINGS MFD & PFD, FLARM	HEADINGS COMPARE / CHECK
	ALTIMETERS SET on PFD / SAM
	COM, NAV SET on PFD / MFD
	XPDR 7000 on PFD
	FLARM SET

**ENGINE
START**

• COLLECTIVE / CYCLIC & PEDALS	FULL DOWN / NEUTRAL
• AREA (LEFT & RIGHT) / HELI TRAFFIC	CLEAR / NO ARR/DEP TRAFFIC
• THROTTLE PILOT FLYING	FLY / CHECK NO DUAL FLY
• THROTTLE(S)	IDLE PILOT / IDLE FI
• BATT HEATER ON BATTERY COLD	NOT DISPLAYED
• BATT VOLTAGE	VERIFY ≥ 25.7 V
• ENGINE	START / RUN
• MGT on PSI	MONITOR ($<800^{\circ}\text{C}$, $<870^{\circ}\text{C}$ MAX 10")
• START	OUT @ 50% NG
• ENGINE / XMSN	CHECK PRESSURE
• IDLE	CHECK @ $63\% \pm 1\%$ NP
• EXTERNAL POWER (if used)	REMOVE / CLOSE ACCESS DOOR
• GEN	ON
• VOLTAGE	CHECK $28\text{V} \pm 0.5\text{V}$

**ENGINE
RUNUP**

• FRICTIONS	OFF / ADJUSTED
• HYD SYS	OFF, CHECK NO UNCOMMANDED CTRLS MOVEMENTS, ON
• ENG & XMSN T's & P's	GREEN / ENG OIL TEMP $\geq 10^{\circ}\text{C}$
• PITOT HEATER	ON / CHECK PITOT ON / OFF
• COLLECTIVE	FULL DOWN
• THROTTLE FLY	CHECK NR MATCHES NP / 104%
• HYD SYS OFF / CHECK CTRLS	CYCLIC CENTER / X-PATTERN
	COLLECTIVE MOVE 2-5CM
• HYD SYS	ON

**SHUT-
DOWN**

• COLLECTIVE / CYCLIC & PEDALS	FULL DOWN / NEUTRAL
• THROTTLE	IDLE / START TIMING 30 SEC
• FRICTIONS	ON
• LANDING & POSITION LIGHTS	OFF
• AFTER 30 SEC IDLE: WAIT FOR	OK TO SHUTDOWN
• GEN	OFF
• ENGINE	OFF / MUTE AUDIO SK12
• MGT / NG	VERIFY DECREASING
• ROTOR BRAKE	APPLY BELOW 38% NR (IF REQUIRED)
• NOTE FLIGHT DATA	ON MFD AUX / OEM DIAGN. PAGE
• WHEN NG = 0 / MGT STABILIZED	BATT OFF
	ANTICOLL LT REMAINS ON
• STANDBY MODULE	VERIFY OFF
• MAIN ROTOR TIE DOWN	INSTALL