

BEFORE STARTING ENGINE

EC120 Colibri

Seats & Pedals / Seat belts	Adjusted / Fastened (Copilot in all cases)
Heating & Demisting	OFF
Rotorbrake	Fwd & Latched
Fuel Shut OFF Lever	Fwd & Lockwired
Controls & Pedals	Freedom of travel / Neutral
CB's / Light Selector	IN / as Req. (Day or Night)
BAT, GEN, Fuel P & A/Col Lt	ON
LIGHT TEST & FIRE TEST	Completer, check gong
CWP	3 Yellow 4 Red Light
VEMD ENG Page	Displayed, no message
Collective & Twist Grip	Down & Locked / white INDEX
Hydraulic Switch (both Coll.)	ON / Guarded

STARTING ENGINE

Fuel Pump	ON (min 30 sec)
Voltage / T4 / OAT	Checked
STARTER	Depress
Twist Grip	Control NG & T4 within Limits (T4 < 800°)
STARTER Release @ 50% NG	Check ENG OIL Pres. & Rotor Turning
Twist Grip	slowly to IDLE detent
VEMD to FLI	@ NG > 60%
Fuel Pump	OFF
Avionics & Instruments	ON / Set
Pitot Heat	ON

HYD/ACCU Test (1st Flight of the Day)

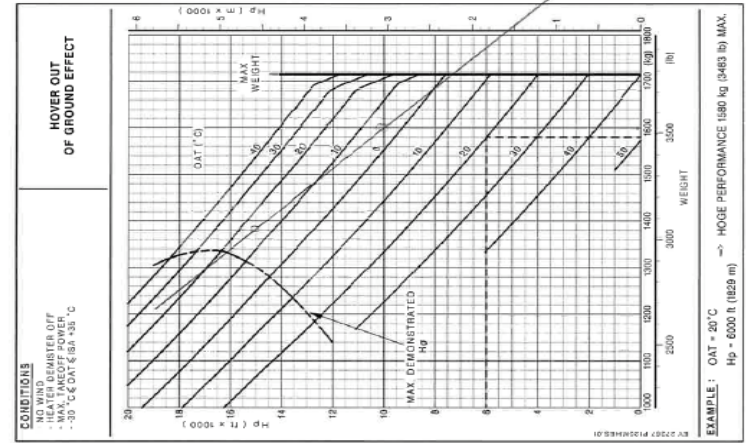
Collective	Down and Locked
„HYDR TEST“ on LACU	Depress IN (check HDY Lt ON)
Move Cyclic 2-3 Times	Check HYD/ACCU Assistance
„HYDR TEST“ on LACU	Depress OUT (check HDY Lt OFF)

„HYD CUT OFF“ Collective	SET to OFF (check HDY Lt ON)
Cyclic forces	are felt immediately
„HYD CUT OFF“ Collective	SET to ON & Guarded (check HDY Lt OFF)

Twist Grip	Flight detent (< 35% TRQ)
Horn	ON (check low RPM @ 370 NR)

SHUTDOWN

Collective / Twist Grip	Locked / Idle detent
Cool down	1 min (Pitot & Horn OFF)
GEN & Avionics	OFF
Twist Grip	Shut OFF detent
NR < 150	Rotorbrake as req.
BAT & A/COL Light	OFF



GENERAL BRIEFING

Meteo/NOTAM/DABS
 W&B / Performance
 Journey/Tech LOG
 Program/Time/Fuel
 PAX/Cabine/Bags

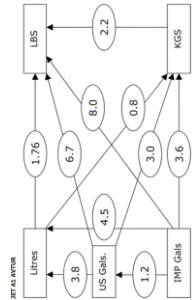
Registration:

ENG & FF:

MTOW:

EEW:

Fuel Qty:



EC120B BRIEFINGS / CHECKS	
DEP Briefing	APP Briefing
DEP Sector WIND/OBSTACLE HIGE/HOGE LIMITATION EMERGENCY	REKO (W A H I BEL U) ELEVATION HIGE / HOGE LIMITATIONS EMERGENCY / ESCAPE
CHECK for DEP	CHECK for APP
HEATER OFF TWIST GRIP FLIGHT as REQ FUEL QTY ENDURANCE all GREEN ENG GAGES all GREEN ROTOR RPM LOWER GREEN NO WARNING LIGHTS	ENG GAGES CHECKED FUEL QTY ENDURANCE GREEN POWER as REQ, MCP NO WARNING LIGHTS
HOVER CHECK	CHECK for APP
POWER FLI (TRQ, T4, NG) ROTOR RPM UPPER GREEN NO WARNING LIGHTS WIND / DEP SECTOR CLEAR	HEATER OFF TWIST GRIP FLIGHT as REQ LANDING LIGHT ENDURANCE all GREEN ENG GAGES all GREEN ROTOR RPM NO WARNING LIGHTS
CLIMB CHECK	FINAL CHECK
AIR SPEED > 65 POWER FLI (TRQ, T4, NG) GREEN ROTOR RPM as REQ LANDING LIGHT	SAFETY WINDOW 30 KIAS / < 300 FT ROD POWER VS SPEED DECISION (LAND GO AROUND)

for informational use only! AFM is always mandatory!