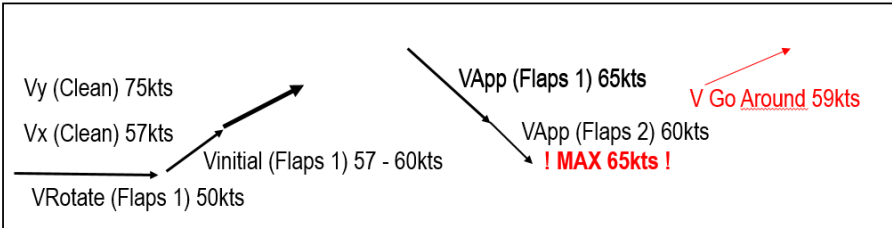


<p>PREFLIGHT CHECK inside</p> <p>1. All switches Off</p> <p>2. If / When Charger connected Check EPSI for any error message</p> <p>PREFLIGHT CHECK outside</p> <p>3. General condition Checked (covers - chocks)</p> <p style="text-align: center;">PREFLIGHT CHECK COMPLETED</p>	
<p>CHECK BEFORE ENGINE START</p> <p>1. Parking brake SET</p> <p>2. Circuit Breakers In - Including PWR CTRL</p> <p>3. MASTER ON - Ready to check: Batt overtemp / Annunciator / Haptic Stall Wng SELFTEST</p> <p>4. AVIONICS ON</p> <p>5. Intercom / Radio / Transponder ON - Volume checked / STBY - 7000</p> <p>6. ELT Position Arm</p> <p>7. BATT EN ON</p> <p>8. EPSI Flight page AUX BATT Voltage > 13V Checked</p> <p>9. EPSI System page SOH NOTED Temperatures Checked Hobbs NOTED Batteries ACTIVE Checked Back to Flight Page</p> <p style="text-align: center;">CHECK BEFORE ENGINE START COMPLETED</p>	
<p>CHECK BEFORE TAXI</p> <p>1. Flight Controls FREE</p> <p>2. Propeller (Hélice) Fix Pitch</p> <p>3. Energy SOC ≥ 50% sufficient for flight</p> <p>4. Trim FREE / NEUTRAL</p> <p>5. Flight Instruments Checked - SET</p> <p>6. Flaps Checked Symmetrical (1 and 2) / UP</p> <p>7. Security Pedals Locked - Belts Fastened - Doors Locked</p> <p style="text-align: center;">CHECK BEFORE TAXI COMPLETED</p>	

<p>ENGINE START</p> <p>1. Propeller Area Left wing to Right wing checked</p> <p>2. Power lever Cut Off</p> <p>3. POWER EN ON</p> <p style="text-align: center;">ENGINE START COMPLETED</p>	
<p>TAXI CHECK</p> <p>1. Brakes Checked</p> <p>2. Compass Right turn Hdg incr. - Left turn Hdg decr.</p> <p>3. Slip indicator Ball opposite</p> <p>4. Attitude Indicator (Horizon) Stable / Ball opposite</p> <p style="text-align: center;">TAXI CHECK COMPLETED</p>	
<p>POWER CHECK</p> <p>1. Parking Brake Set</p> <p>2. Power Lever FULL</p> <p>3. POWER ≥ 50 kW</p> <p>4. Power Lever CUT OFF</p> <p>5. EPSI System page Check BATTERIES ACTIVE</p> <p>6. EPSI Flight page ENGINE and BATTERY Temp. Checked</p> <p style="text-align: center;">POWER CHECK COMPLETED</p>	
<p>CHECK BEFORE DEPARTURE</p> <p>1. Take OFF Briefing Completed (VBest glide clean 70 kts)</p> <p>2. EPSI Checked (Temperatures - Cautions Warnings)</p> <p>3. Transponder..... ACS Mode</p> <p>4. Flaps 1 SET</p> <p>5. Energy SOC ≥ 50%</p> <p>6. Doors CLOSED</p> <p style="text-align: center;">CHECK BEFORE DEPARTURE COMPLETED</p>	



NOTES: VNE-108kts / VNO 98kts / VA 100kts / VFE 1 81kts / VFE 2 65kts
Xwind demonstr15 kts Max T/O Mass 600kg / NO Baggage / Max weight per seat 110kg

LINE UP CHECK (Before line-up)	
1. Approach free	Checked
2. Runway	XX Identified
(On Centerline)	
3. Runway Heading (Compass)	Checked
4. Wind	Checked within limits
READY FOR DEPARTURE	
TAKE/OFF RUN CHECK	
1. T/O Power	Below upper limit of yellow sector & ≥ 50 kW Checked
2. Speed	Rising
CLIMB CHECK	
1. Climb Power	Set (48 kW)
2. Flaps	Up
CLIMB CHECK COMPLETED	
CRUISE CHECK	
1. Power	Set (20 - 36 kW)
2. Energy	Endurance (XX minutes) / PNR
3. EPSI	Parameters checked
4. Altimeter	Set (QNH or STD 1013,2 hPa for FL)
5. Transponder	ACS Mode - CODE Checked
CRUISE CHECK COMPLETED	
CHECK FOR APPROACH (GAREL)	
1. ATIS	Noted
2. Approach Briefing	Completed
3. Avionics	Set for approach
4. Altimeter	QNH Set - Reading XXXX feet
5. Radio	Set - Volume Checked
6. Energy	Checked (XX minutes)
CHECK FOR APPROACH COMPLETED	
FINAL CHECK	
1. Final Approach	Stabilized (Centerline - Glidepath - Speed)
2. Configuration	Full Flaps / or as necessary
3. Energy	Checked / (NO G/A if < 15%)
FINAL CHECK COMPLETED	

CHECK AFTER LANDING	
1. Flaps	UP
2. Transponder	STBY - 7000
3. Trim	NEUTRAL
CHECK AFTER LANDING COMPLETED	
PARKING CHECK	
1. Parking Brake	SET
2. Power lever	CUT OFF
3. POWER EN	OFF
4. EPSI System page	Hobbs Noted
5. BATT EN	OFF
6. Intercom	OFF
7. AVIONICS	OFF
8. MASTER	OFF
9. PWR CTRL Fuse	PULLED OUT
PARKING CHECK COMPLETED	

Circuit patterns with one charge

The following table provides information about maximum number of circuit patterns that can be performed starting with 100% SOC.

LOCAL FLIGHT with 100% SOC at take off	Battery State of Health (%SOH)					
	100	80	60	40	20	0
NUMBER OF TRAFFIC PATTERNS:	8	7	6	5	4	3
RESERVE:	+ 10 minutes (@ 20 kW power setting)					

NOTE: reference circuit pattern is a 12 km circuit at 1000 ft AGL.

FLIGHT PHASE	Battery State of Health (%SOH)						
	100	80	60	40	20	0	
Take off and initial climb to 300 ft AGL	%SOC	4	4	5	6	7	8
1000 ft climb at V _y - 48 kW	%SOC	7	7	8	10	12	14
10 min cruise - 20 kW (69 KCAS)	%SOC	15	17	19	22	26	32
10 min cruise - 25 kW (78 KCAS)	%SOC	19	22	25	28	34	41
10 min cruise - 30 kW (86 KCAS)	%SOC	24	26	30	35	41	50
10 min cruise - 35 kW (92 KCAS)	%SOC	28	31	36	41	49	59
Touch and go and climb to 300 ft AGL	%SOC	3	3	4	4	5	6
Energy for the first traffic pattern	%SOC	10	11	13	15	18	22
Energy for a generic traffic pattern	%SOC	9	10	12	13	16	20
Aborted landing and climb to 1000 ft AGL at V _y - 64 kW	%SOC	7	8	9	10	12	15

PNR REFERENCE TABLES

The following tables provide quick reference for PNR calculation, depending on cruise power/speed and wind. PNR SOC is the SOC value at which the return to the initial cruise point is possible, with 30% SOC remaining.

20 kW	Tailwind outbound, headwind inbound (kts)				No wind	Headwind outbound, tailwind inbound (kts)				
	-20	-15	-10	-5		5	10	15	20	
69 KCAS	-20	-15	-10	-5	0	5	10	15	20	
INITIAL SOC:	90	69	67	64	62	60	58	56	53	51
	80	62	60	59	57	55	53	51	50	48
	70	56	54	53	51	50	49	47	46	44
	60	49	48	47	46	45	44	43	42	41

25 kW	Tailwind outbound, headwind inbound (kts)				No wind	Headwind outbound, tailwind inbound (kts)				
	-20	-15	-10	-5		5	10	15	20	
78 KCAS	-20	-15	-10	-5	0	5	10	15	20	
INITIAL SOC:	90	68	66	64	62	60	58	56	54	52
	80	61	60	58	57	55	53	52	50	49
	70	55	54	53	51	50	49	47	46	45
	60	49	48	47	46	45	44	43	42	41