

Super Decathlon 8KCAB - Normal Checklist (N878AC KJYO)

PLANNING	START	BEFORE T/O	ABEAM
NOTAMS	Prop - HIGH RPM	Mixture - RICH	Throttle nearly closed
Weather	Alternate air - COLD	Alternate air - COLD	Prop - HIGH RPM
Weight & Balance	Master - ON	Prop - HIGH RPM	Airspeed - 80
Performance req.	Strobes - ON	Door / Window	Trim
PREFLIGHT	Mags - BOTH ON	XPDR - 1226 / ALT.	FINAL
Hobbs - CHECK	Mixture - RICH	Landing light - ON	Airspeed - 70
Fuel gauges - CHK	Throttle - 1/2 OPEN	Clear final	Trim
Oil level - 6-7 Qts.	Fuel pump - 3 sec.	Release brakes	Throttle - CLOSED
Papers - AROW	Mixture - CUT-OFF	TAKE OFF	AFTER LANDG
Door relase - CHK	Throttle - 1" OPEN	Full throttle	Landing light - OFF
Mags - CHECK OFF	Stick - HOLD BACK	Engine instruments	Trim for takeoff
Master - ON	Area - CLEAR	Raise tail	SHUT DOWN
Stall warning - TEST	Starter - ENGAGE	Rotate - 60	XPDR - OFF
Lights - CHECK	Mixture - RICH	Climb out - 80	Radio/GPS - OFF
Master - OFF	Throttle - 1000 rpm	Power - 24" / 2400	Intercom - OFF
Nothing loose	Oil pressure - CHECK	CLIMB	Lights - OFF
- Back seat belt/Solo	TAXI	Power - AS REQ.	Throttle - 1000 rpm
Chute repack date	Intercom - ON	Airspeed - 90	Mixture - CUTOFF
WALK AROUND	Radio/GPS - ON	CRUISE	Mags - OFF
Sump fuel - 4 places	XPDR - 1226/ALT.	Landing light - OFF	Master - OFF
Caps/Drains/Vents	ATIS / AWOS	Power - AS REQ.	Tach - NOTE TIME
Engine/Belt	Altimeter - SET	Mixture - 1300°	Hobbs - NOTE TIME
Prop/Spinner/Air Filter	Brakes - TEST	DESCENT	Fuel L/R - NOTE
Exhaust systems	Turn coord. - CHECK	Power - AS REQ.	SECURE
Struts/Antennas	(Air - Silver push on)	Mixture - RICH	Fill to 20 GAL
Surface & Controls	(Heat - Black pull on)	Seat belt/Harness	Pls clean bugs off
Pitot & Static ports	RUN UP	ATIS/AWOS	Chocks
Tires/Brakes/Fairings	Brakes - SET	Altimeter - SET	Speeds (MPH)
Windshield	Flight controls	XPDR - 1226 / ALT.	$V_R = 60$
ELT - ARMED	Trim for takeoff	LANDING	$V_X = 58$
BEFORE START	Instruments - NORM.	Gas/Fuel valve - ON	$V_Y = 80$
Parachute - TIGHT	Radio/GPS - SET	- Alt. air - AS REQ.	$V_A = 121/132$
Seat belt/Harness	Fuel valve - ON	Undercarriage	$V_{NO} = 160$
Passenger briefing	Mixture - RICH	Mixture - RICH	$V_{NE} = 200$
Fuel valve - ON	Throttle - 1800	Prop - HIGH abeam	$V_{GLIDE} = 75$
Brakes - SET	Mags - 175/50	Seat belts - SECURE	$V_{REF} = 70$
Electrics - OFF	Prop - EXERCISE	Landing light - ON	
Door - 2 latches	Alternate air - CHECK		
Circuit breakers	Instruments - GREEN		
	Throttle - 1000 rpm		

Super Decathlon 8KCAB - Non-normal Checklist (N878AC KJYO)

ENGINE FAILURE	ENGINE FAIL. T/O	ELECTRIC. FAILURE
Airspeed - 75	Throttle - CLOSE	Master - CYCLE
Best field - LOCATE	Directional control	Reduce load
Checklist	Brake - AS REQ.	Land as soon as practicle
- Fuel pump - ON	BAIL OUT	AEROBATICS
- Alternate air - HOT	Throttle - CLOSE	Loop, hammerhead - 140
- Mixture - RICH	Jettison door	Barrel/Slow roll - 135
- Fuel valve - CHECK ON	Harness/Headset	Split S - 70
- Magneto - CYCLE ON	Dive straight out slightly aft	Immelman - 145
- Attempt restart (if time)	Open parachute immediately	Cuban eight - 140
- Prop - HIGH RPM	SHORT FIELD T/O	Competition turns - 140
- Throttle - MOVE	Apply full throttle	PERFORMANCE
Declare emergency/7700	Accelerate tail low	T/O dist. 1000'/20°C = 540
Exit preparations	Maintain 58 till clear obstacle	50 ft. dist. 1000'/20°C = 987
- Fuel valve - OFF	SOFT FIELD T/O	Land dist. 1000'/20°C = 436
- Magnetos - OFF	Normal plus:	50 ft. dist. 1000'/20°C = 1080
- Master - OFF	Accelerate tail low	WEIGHT & BALANCE
- Door - UNLATCH	Lift off ASAP	Max. Gross = 1800
ENGINE FIRE	Accelerate in ground effect	Basic empty = 1284
Mixture - CUTOFF	SHORT FIELD LNDG	1/2 fuel usefull load = 396
Fuel valve - OFF	Normal plus:	FREQUENCIES
Master - OFF	Airspeed - 60	JYO AWOS 125.225
Magnetos - OFF	Throttle = Rate of descent	JYO Ground 120.5
Emergency descent	Touchdown 3-Point	JYO Tower/CTAF 127.5
Land immediately	Brake as Req.	OKV AWOS 124.85
Exit aircraft	WHEEL LANDING	OKV CTAF 122.7
ENGINE FIRE START	Airspeed - 80	MRB ASOS 119.925
Continue cranking	Flare with throttle	MRB Tower 124.3
Mixture - CUTOFF	Contact mains - Stick forward	SFRA West 127.325
Throttle - FULL OPEN	Hold tail up, close throttle	Projet 128.95 or
Master - OFF	When tail down, stick back	(703) 889-8558
Magnetos - OFF		
Exit aircraft		
Use fire extinguisher if avail.		
Tachometer(s)	Anticollision light (strobes)	(NIGHT)
Oil pressure gauge(s)	Fuel gauges for each tank	Fuses - If...
Manifold pressure gauge(s)	Landing gear position indicator -	Landing light - If for hire
Altimeter	Airspeed indicator	Anti coll. light (beacon/strobes)
Temperature gauge(s) - If...	Magnetic compass	Position lights (nav lights)
Oil temperature gauge(s) - If...	ELT - If required...	Source of electricity
Emergency flotation & flare - If...	Seat belt (+2y), harness ...	