



3fly.at

OE-AXT

Super Decathlon Extreme 8KCAB

MTOM = 1950 lb/1800 lb Acro

A/C-Size: W: 9.8m H: 2.4m L: 6.7m

OPERATOR
MFU Flugbetrieb GmbH
 A-2542 Kottlingbrunn
 Flugplatz 1, Top 1
 UID ATU37004807
 +43 2252 77340

FPL (EXAMPLE)	
7	A/C ID OE-AXT
8	Flight Rules V
	Type of Flight G
9	Type of A/C BL8
	Wake Turbul. Cat. L
10	Equipment SY/S
13	Departure A/D LOAV
	Departure Time 0830
15	Speed N0120
	Flight Level VFR
	Route RADLY
16	Destination A/D LJPZ
	Total EET 0200
	Alternate A/D LOWG
18	Other Info EET/RADLY0050
19	Endurance 0300
	Persons on Bord 2
	Emerg. Equipm. ELT
	A/C Colour RED WHITE
	Name PIC NAME/TEL

CONTACT	
Tower LOAV	+43 1 700729201
Maint. LOAV	+43 2252 790894
AIS	+43 51703 3211
MET	+43 51703 3443

FUEL	
Fuel	AVGAS 100LL
Max. Fuel	43 gal
Unus. Fuel	3 gal

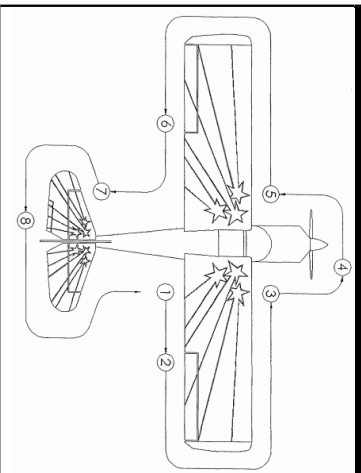
OIL	
Shell Aero	W80/100
Minimum	6 quarts
Maximum	8 quarts

TIRE	
Main Tires	29 psi / 2.0 bar
Tailwheel Tire	40 psi / 2.75 bar

SPEED	
V _{SO} (Stallspeed)	58 mph
V _G (best glide)	76 mph
Max. Demo. X-Wind	20 mph

COM FAIL

	Clear to Land
	Return to Landing
	Continue Circling
	A/D unsafe, don't Land
	Report this A/D to ATIS
	to Apron - Wait for Clearance
	Do not Land

PREFLIGHT

4 NOSE	
14 Oil Level	CHECK
15 Engine Compartment	NO LEAKS
16 Cowl Doors	LATCHED
17 Gascolator	DRAIN
18 Windshield	CLEAN
19 Prop, Spinner	CHECK
20 Prop Blade Shank	CHECK
21 Air Filter	CHECK

5,6 LEFT WING

22 Left Main Wheel	CHECK
23 Fuel Quantity	CHECK
24 Fuel Filler Cap	CHECK
25 Fuel Vent	CHECK
26 Pitot Tube	CHECK
27 Stall Warning Vane	FREE
28 Aileron Movement	FREE
29 Wing Root Cover	SECURE
30 Wing Strut	CHECK

1 CABIN

1 Controls	RELEASE
2 Ignition Switches	OFF
3 Fuel Quantity	CHECK
4 Fuel Valve	ON
5 Seat Belts	INSPECT
6 Rear Seat Belt	SECURE
7 ELT	ARMED

2,3 RIGHT WING

8 Root Cover	SECURE
9 Aileron	CHECK
10 Wing & Struts	CHECK
11 Right Main Wheel	CHECK
12 Fuel Quantity	CHECK
13 Fuel Filler Cap	CHECK

7,8 TAIL SECTION

31 Left Static Port	CHECK
32 Fuselage Drain	DRAIN
33 Tail Surface & Wires	CHECK
34 Control Surface	FREE
35 Trim Tab	Free
36 Tail Wheel Inflation	CHECK
37 Right Static Port	CHECK

8KCAB Cruise Performance

Conditions:

1. Gross Weight - 1950 lb
2. Recommended Lean Mixture
3. Standard Temperature and Pressure

% BHP	3000 ft			6000 ft		
	RPM	MP	TAS (mph)	RPM	MP	TAS (mph)
94	2700	26.4	159	2700	23.6	155
83		24.0	148		22.0	149
74		22.0	139		20.0	139
65		20.0	129		18.0	129
89	2550	26.5	155	2550	23.7	153
78		24.0	144		22.0	145
70		22.0	135		20.0	135
61		20.0	126		18.0	125
85	2450	26.5	151	2450	23.8	150
75		24.0	141		22.0	142
67		22.0	132		20.0	132
58		20.0	123		18.0	123
81	2350	26.6	146	2350	23.9	145
71		24.0	136		22.0	137
63		22.0	128		20.0	129
55		20.0	120		18.0	121
9000 ft						
76	2700	21.0	154	2700	18.6	152
71		20.0	149		18.0	149
61		18.0	138		16.0	138
52		16.0	128			
71	2550	21.1	150	2550	18.7	150
67		20.0	145		18.0	145
58		18.0	135		16.0	133
49		16.0	124			
69	2450	21.2	148	2450	18.8	147
64		20.0	142		18.0	143
55		18.0	133		16.0	132
46		16.0	122			
65	2350	21.3	143	2350	18.9	144
60		20.0	138		18.0	139
52		18.0	130		16.0	131
45		16.0	121			

BEF. ENGINE START

1	Preflight Inspection	COMPL
2	Passenger Briefing	COMPL
3	Seats/Seat Belts	ADJUST/LOCK
4	Fuel Valve Handle	ON
5	Brakes	TEST & SET
6	Avionic Master	OFF
7	Electrical Equipment	OFF

FLOODED ENGINE START

1	Master	ON
2	Mixture	CUTOFF
3	Throttle	FULL OPEN
4	Alternate Air	COLD
5	Propeller Area	Clear
6	Ignition Left	ON
7	Starter Button	PRESS
8	Mixture on Eng. Start	RICH
9	Throttle	REDUCE
10	Ignition Right	ON
11	Oil Pressure	CHECK

ENGINE START

1	Master	ON
2	Mixture	RICH
3	Throttle	FULL
4	Prime Pump	3 SECS.
5	Mixture	CUTOFF
6	Throttle	CRACKED
7	Mixture	CUTOFF
8	Throttle	CRACKED
9	Alternate Air	COLD
10	Propeller Area	Clear
11	Ignition Left	ON
12	Starter Button	PRESS
13	Mixture on Eng. Start	RICH
14	Ignition Right	ON
15	Oil Pressure	CHECK

COCKPIT BEFORE FLIGHT

1	Cabin Door	LATCHED
2	Flight Controls	FREE
3	Rear Rudder Pedals	FREE
4	Trim Tab	CENTERED

ENGINE RUNUP

1	Throttle	2100 rpm
2	Mixture	FULL RICH
3	Magnetos 150/50	CHECK
4	Alternate Air	CHECK
5	Engine Instruments	IN GREEN
6	Throttle	1500rpm
7	Propeller	CYCLE
8	Throttle Idle	CHECK

TAKEOFF NORMAL	
1 Trim Tab	CENTERED
2 Mixture	FULL RICH
3 Propeller	FULL FWD
4 Fuel Pump	ON
5 Alternate Air	COLD
6 Throttle	FULL FWD
7 Engine Instruments	IN GREEN

CRUISE	
1 Throttle ¹³⁵	AS REQ
2 Trim	AS REQ
3 Mixture ¹³⁵	LEAN
4 Avionics	CHECK

DESCENT	
1 Power	AS DESIRED
2 Elevator Trim	ADJUST
3 Mixture	AS REQ
4 Alternate Air	AS REQ
5 Engine Instruments	GREEN ARC

TAKEOFF SHORT FIELD	
1 Mixture	FULL RICH
2 Propeller	FULL FWD
3 Fuel Pump	ON
4 Alternate Air	COLD
5 Throttle	FULL FWD
6 Engine Instruments	IN GREEN
7 Brakes	RELEASE
8 Rotate	58 mph
9 Obstacle Speed	70 mph

LANDING NORMAL	
1 Mixture	RICH
2 Propeller	FULL FWD
3 Fuel Pump	ON
4 Alternate Air	HOT
5 Airspeed	80 mph

LANDING SHORT FIELD	
1 Mixture	RICH
2 Propeller	FULL FWD
3 Fuel Pump	ON
4 Alternate Air	HOT
5 Airspeed	76 mph
6 Throttle after Obstacle	IDLE
7 Brakes	APPLY

CLIMB	
1 Throttle	FULL
2 Mixture	FULL RICH
3 Propeller After Obstacle	2500rpm
4 Fuel Pump	OFF
5 Climb Speed	BEST RATE
6 Engine Instruments	GREEN ARC

BALKED LANDING	
1 Throttle	FULL
2 Alternate Air	COLD
3 Airspeed	76 mph

RECOVER FROM SPIN	
1 Throttle	IDLE
2 Aileron	NEUTRALIZE
3 Rudder Full Opposite	APPLY
4 Elevator	NEUTRAL
5 On Rotation Stop Rudder	NEUTRALIZE
6 Raise Nose	SLOWLY

AFTER LANDING	
1 Fuel Pump	OFF
2 Carburetor Heat	COLD

SHUT DOWN - SECURING ACFT	
1 Parking	INTO WIND
2 Parking Brake	SET
3 Radios	OFF
4 Electr. Equipment	OFF
5 Throttle	1000 rpm
6 Magnetos	CHECK
7 Mixture	IDLE CUTOFF
8 Ignition	OFF
9 Master Switches	OFF
10 Control Lock	Seat Belt