



MANDATORY BULLETIN

'B No: **L23/043a**

Concerning: Flight Manual L 23 SUPER-BLANIK (Do-L23.1014.5)

Reason: Correction of the maximum useful load value.
Original pages 0-1, 0-3, 2-3, 2-4 and 6-6 replace by new ones with date
Apr 9/02.

To be carried out at the latest by:	Immediately after receiving this bulletin
To be carried out by:	Manual owner
Costs to be covered by:	No cost arise
Necessary material to be supplied by:	Revised pages enclosed
Bulletin becomes effective:	Since the date of receiving
Manhours required:	0
Total number of pages:	Title pages of this bulletin and changed pages - see Reason

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Manufacturer

Engineering data contained in this Bulletin is CAA Approved.

Date: 23. 4. 2002

0.1 RECORD OF REVISIONS

Any revision or amendment of the present Manual will be issued in the form of Bulletins, approved by the Civil Aviation Authority of the Czech Republic, supplement of which will contain new (revised) pages. User's duty is to make a note about revisions in the Record of revisions and to replace existing pages with revised and effective ones. Revised or amended parts of the text will be indicated by a vertical line in the left hand margin and the revision No. and the date will be shown on the bottom left hand of the page.

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Rev. No.	Affected Section	Affected pages	Date	Bulletin No.	Date of Bulletin approval	Date inserted and signature
1	0, 2, 6	0-1, 0-3, 2-3, 2-4, 6-6	Apr 9/02	L23/043a	Apr 24/02	



0.2 LIST OF EFFECTIVE PAGES

Pages identified as "Appr." provide information required to be furnished by the Federal Aviation Regulations.

Section	Page	Date	Section	Page	Date	
0	1	Apr 9/02	4	Appr. 15	Jan 4/02	
	2	Jan 4/02		Appr. 16	Jan 4/02	
	3	Apr 9/02		Appr. 17	Jan 4/02	
	4	Jan 4/02		Appr. 18	Jan 4/02	
				Appr. 19	Jan 4/02	
				Appr. 20	Jan 4/02	
				Appr. 21	Jan 4/02	
				Appr. 22	Jan 4/02	
1	1	Jan 4/02		5	Appr. 1	Jan 4/02
	2	Jan 4/02			Appr. 2	Jan 4/02
	3	Jan 4/02			Appr. 3	Jan 4/02
	4	Jan 4/02	Appr. 4		Jan 4/02	
	5	Jan 4/02	Appr.5		Jan 4/02	
2	Appr. 1	Jan 4/02	6	1	Jan 4/02	
	Appr. 2	Jan 4/02		2	Jan 4/02	
	Appr. 3	Apr 9/02		3	Jan 4/02	
	Appr. 4	Apr 9/02		4	Jan 4/02	
	Appr. 5	Jan 4/02		5	Jan 4/02	
	Appr. 6	Jan 4/02		6	Apr 9/02	
	Appr. 7	Jan 4/02		7	Jan 4/02	
	Appr. 8	Jan 4/02				
	Appr. 9	Jan 4/02				
	Appr. 10	Jan 4/02				
	Appr. 11	Jan 4/02				
	Appr. 12	Jan 4/02				
3	Appr. 1	Jan 4/02	7	1	Jan 4/02	
	Appr. 2	Jan 4/02		2	Jan 4/02	
	Appr. 3	Jan 4/02		3	Jan 4/02	
	Appr. 4	Jan 4/02		4	Jan 4/02	
		5		Jan 4/02		



Pressure Altitude m *	4,200	6,000	7,500	9,000	10,500
VNE km/h IAS	230 (230)	230 (210)	215 (195)	200 (180)	185 (165)

2.3 AIRSPEED INDICATOR MARKINGS

Marking	KIAS (km/h IAS)	Significance
Green arc	36 - 81 (67-150)	Normal Operating Range. (Lower limit is maximum weight 1.1 vs ₁ at most forward c.g. Upper limit is rough air speed)
Yellow arc	81 - 124 (150-230)	Manoeuvres must be conducted with caution and only in smooth air.
Red line	124 (230)	Maximum speed for all operations
Yellow triangle	49 (90)	Approach speed at maximum weight.

2.4 WEIGHT LIMITS

Maximum take - off and landing weight:

- with two occupants 1168 lb (530 kg)

Empty weight

with standard equipment 683 lb ± 2 % (695 lb ± 2%) or

with standard equipment 310 kg ± 2 % (315 kg ± 2%)

and the corresponding centre

of gravity position 67.30 ± 1% MAC (68.30 ± 1% MAC)

Max. weight of all non lifting parts . . . 822 lb (811 lb) or 373 kg (368 kg)

Note : Refer to weight and Balance (Section 6.0) to determine actual empty weight / c.g. as established by the installed equipment and manufacturing tolerances.

(Cont.)



Pilot's weight (including parachute):

- minimum pilot's weight (solo) 154 lb (70 kg)

It is necessary to use front seat removable ballast of 33 lb (15 kg) when flown solo by a pilot (including parachute) weighing less than 154 lb (70 kg) in the front cockpit.

Note: Installation of the front seat ballast is described in Section 7, paragraph 7.2 of this Flight Manual.

- maximum pilot's weight (solo) 287 lb (130 kg)

Maximum useful load (occupants,
baggage, optional equipment) 485 lb (475 lb) or 220 kg (215 kg)

Maximum baggage compartment load 22 lb (10 kg)

**6.6 EQUIPMENT LIST**

Standard (S) items must be installed for all operations. Optional (O) items are available for installation. Installed items for each sailplane equipment list will be marked with an "X" and included in the Empty Weight/c.g. pos of the Balance Record.

	S	O	Subject	Type	Mass lb (kg)	Arm from the reference plane (rib No. 1) ft (mm)	Date of installation
1	X		Altimeter	UI5934P-3 front instr.panel rear instr.panel	0.90 (0.41)	- 5.82 (-1774) - 1.81 (-551)	
2	X		Airspeed indicator	LUN 1106.15-8 front instr.panel rear instr.panel	0.88 (0.4)	- 5.83(-1777) - 1.82(-555)	
3		X	Electric turn-and-bank/side indicator	LUN 1211.1 front instr.panel rear instr.panel	0.79 (0.36)	- 5.83(-1777) - 1.82(-555)	
4		X	Vertical speed indicator \pm 1000 ft/min or Vertical speed indicator \pm 10 knots	LUN 1141.02 front instr.panel rear instr.panel LUN 1141.04 front instr.panel rear instr.panel	1.06 (0.48) 1.06 (0.48)	- 5.87(-1789) -1.87(-570) - 5.87(-1789) - 1.87(-570)	
5		X	Vertical speed indicator \pm 6000 ft/min or Vertical speed indicator \pm 60 knots	LUN 1147.12-8 front instr.panel LUN 1147.23-8 front instr.panel	1.1 (0.5) 1.1 (0.5)	- 5.802(-1768) - 5.802(-1768)	

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