



OMNIPOL PRAHA ČESKOSLOVENSKO

LET národní podnik KUNOVICE

SERVICE BULLETIN No. L 13/024

Sheet No. 1

No. of Sheets: 3

Subject: Pilot's Notes for the L-13 Sailplane.

Reason: To amend the Pilot's Notes for the L-13 Sailplane.

Measures: The amendment, which forms a part of this Bulletin, is to be incorporated in the Pilot's Notes for the L-13 Sailplane. Its incorporation should be recorded in the Amendment List of the Pilot's Notes.

To be carried out: By the Operator immediately after the receipt of this Bulletin.

Material: No material is required.

The Bulletin is valid when received by the Operator.

Čáslavský

Manufacturer's
Representative

Ing. Háva

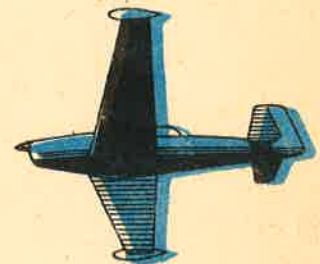
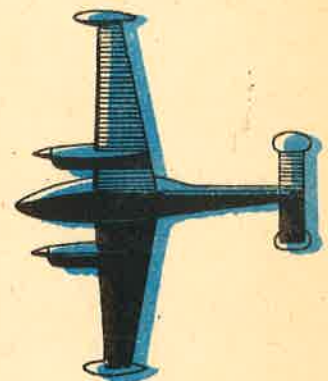
Ministry
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Ing. Lukas

Customer's
Representative

Ing. Holovský

State Aviation Agency



A M E N D M E N T
of the Pilot's Notes for the L-13 Sailplane
(Applies to sailplanes from P/N 173501 onwards).

Chapter 10. LIMITATIONS is to be changed as follows:

10. LIMITATIONS

(a) Airspeeds

Design diving speed (V_D) EAS	272 km/h	146 kts
Never - exceed speed (V_{NE}) IAS	253 km/h	136 kts
Aero - towing speed (V_T) IAS	140 km/h	76 kts
Maximum winch - launching speed (V_W) IAS	120 km/h	65 kts
Maximum wing - flaps extended speed (V_P) IAS	110 km/h	60 kts
Design manoeuvring speed (V_A) EAS	145 km/h	78 kts
Stalling speed with - extended wing flaps at 1040 lb (472 kp) AUV, IAS	55 km/h	30 kts
Stalling speed with retracted wing flaps at 1040 lb (472 kp) AUV, IAS	60 km/h	32 kts
Minimum rate of descent at 1040 lb (472 kp) AUV	0,82 m/sec	160 ft/min.
Maximum gliding ratio at 1040 lb (472 kp) AUV	1 : 28 \pm 5%	

(b) Limit load factors

CATEGORY	Load factor		
	n_1	n_2	n_3
Aerobatic 400 kp	6	5	-3
Aerobatic 500 kp	5	4	-2,5
Cloud - Flying	5	4	-2,5

(c) Maximum cross wind component

Maximum cross wind component for safe approach and landing
is 10 kts /5.5 m/sec./

(d) Maximum permissible all-up weight and approved manoeuvres

Category	Maximum permissible all-up weight	Crew	Approved manoeuvres
Aerobatic	880 lbs (400 kp)	1 person ^{x/}	Spin, loop, roll off the top of a loop, stall turn, half roll and loop, slow roll, inverted flight
Aerobatic	1100 lbs (500 kp)	2 persons	Spin, loop, roll off the top of a loop, stall turn, half roll and loop
Cloud-Flying	1100 lbs (500 kp)	2 persons	

x/ see Para. (e) Minimum crew

(e) Minimum crew

Minimum crew of the sailplane is one pilot. If the sailplane is to be flown solo, the pilot must be sitting on the front seat, and his weight (including parachute) must be minimum 150 lbs (68 kp).

The rear seat cushions and safety harness must be secured.

(f) Minimum rope length for the aero - tow

Minimum rope length for the aero - tow is 50 ft (15 m), but it is recommended to use a rope with a length of about 100 ft (25 - 30 m).

(g) Maximum strenght of the weakest rope link for the winch launching is 910 kp.

Chapter 12. WEIGHT, CENTRE OF GRAVITY AND LOADING

(f) Loading chart with standard and optional equipment

Correct the-following values to read:

	Original value	Corrected value
Variable load	65	68
Operational weight	379.9	382.9